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*Cook Islands*

*Census of Agriculture*

**1988**

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**MAIN REPORT**





COOK ISLANDS

CENSUS OF AGRICULTURE

1988

DEMOGRAPHY SECTION

6/7/90

Main Report

This report contains the main findings of the Cook Islands Census of Agriculture conducted in September 1988. For more detailed data, the user is requested to contact the two organisations below.

Ministry of Agriculture  
Rarotonga

Phone: 28711

Statistics Office  
Rarotonga

Phone: 29390

Published September 1989



## COVER DESIGN

### Digger and Rope

"*MOU I TE KO, MOU I TE ERE*" is a traditional phrase (believed to be of Rarotongan origin) often used amongst those working off the land. The "*KO*" (digger) is a representation of the traditional system of land cultivation. Wooden diggers (like the one depicted on our cover) were believed to have been widely used before the first missionary contact in the early nineteenth century and also for sometime thereafter (iron was obviously non-existent in that era).

Today, for ease of burden, the "*KO*" is being partly relieved by farm machinery and equipment such as tractor and plough, shovel, spade, hole digger, tyne, cultivator, rotavator and garden tools.

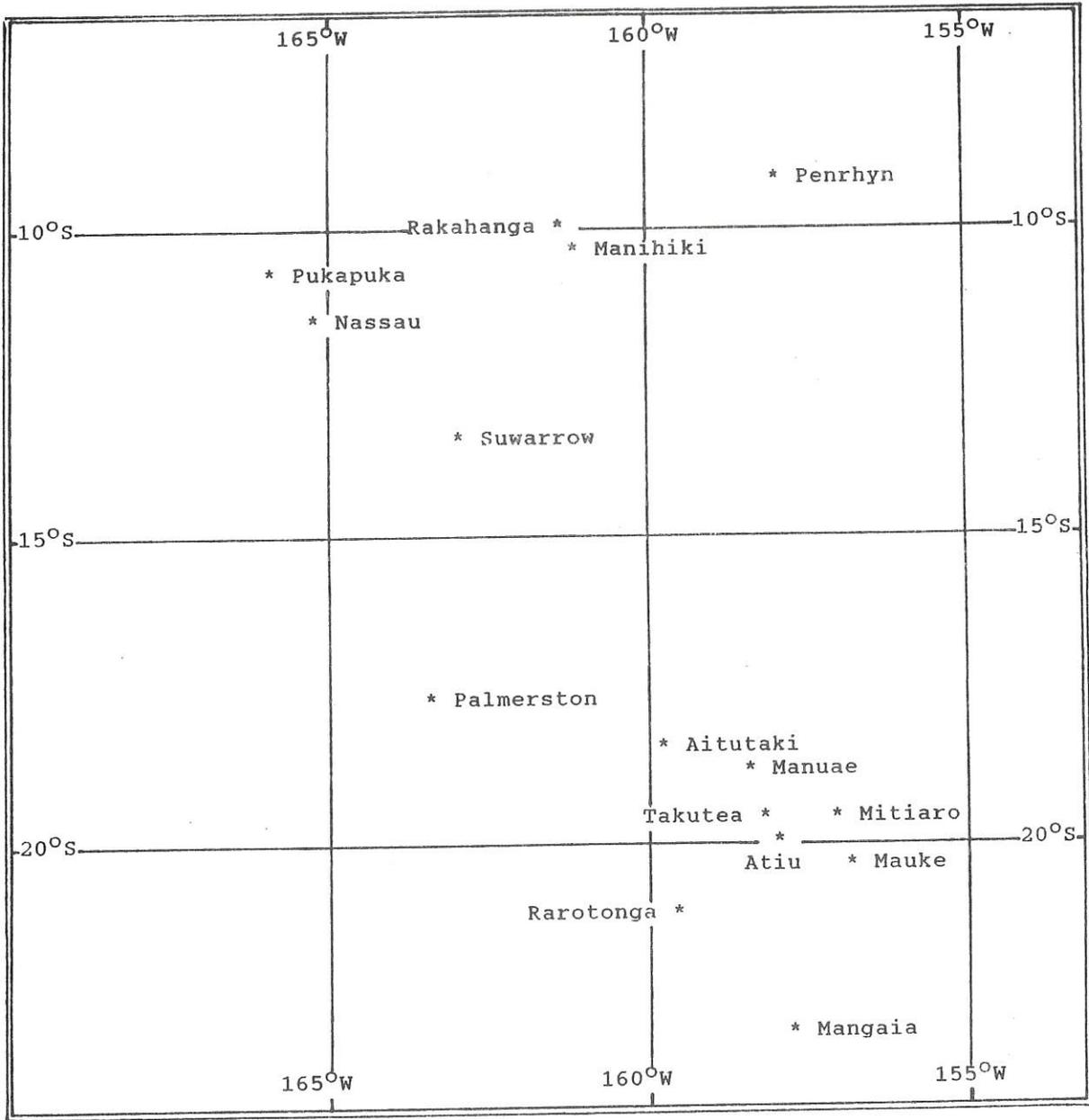
The "*ERE*" (rope) represents livestock keepers. It is made from the bark of the "A'u" tree (*Hibiscus Tiliusis*) and is hand-plaited for common use in teetering of pigs, goats and horses. Teetering is one way of keeping the livestock from wandering. In fact wandering livestock (particularly pigs, goats and horses) can inflict considerable damage to crops. The "*ERE*" has been, to a degree, replaced by modern rope, wire fencing, cemented housing and lately electric fencing.

The principle behind "*MOU I TE KO, MOU I TE ERE*" has obviously established itself in history by its contribution to the traditional agricultural system that has prevailed in the Cook Islands in the years gone by. There is little doubt that this piece of history has in some way helped lay the foundation of the present day system of cultivation and livestock raising throughout the Cook Islands. It is a piece of history and heritage that every Cook Islander should treasure and be proud of.

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The Cook Islands





## **Foreword**

It gives us immense pleasure to present the information contained in this report, the result of a year's dedication and interminable effort invested by all those involved in the Cook Islands Census of Agriculture 1988. It is our credence that this document, in addition to removing the contemporary agricultural statistics' data-gap, will be of consequential use to planners and others involved in the social and economic progression of this country.

The aim of our Government is for planned development in the agricultural sector so that the fruits of such are dispensed equitably amongst the farmers. To be able to do this, we need bench-mark data on which development policies can be based. To this end, we are pleased that this report addresses this need directly.

We wish to extend our sincere appreciation to the people of the Cook Islands for their willing co-operation in supplying to the Census field staff the necessary particulars for the Census. They are in fact the people who will ultimately benefit from the activities that will emerge from the findings of this undertaking.

We also wish to express our gratitude to the United Nations Development Programme (UNDP) and the Food and Agriculture Organisation of the United Nations (FAO) who provided assistance and continuous support to this project.

Finally, preeminent recognition goes to the field staff, data entry clerks and the Agricultural Census Unit staff. These are the conscientious individuals who worked professionally and tirelessly to complete this report within the twelve months succeeding the commencement of field enumeration. An exceedingly admirable achievement!

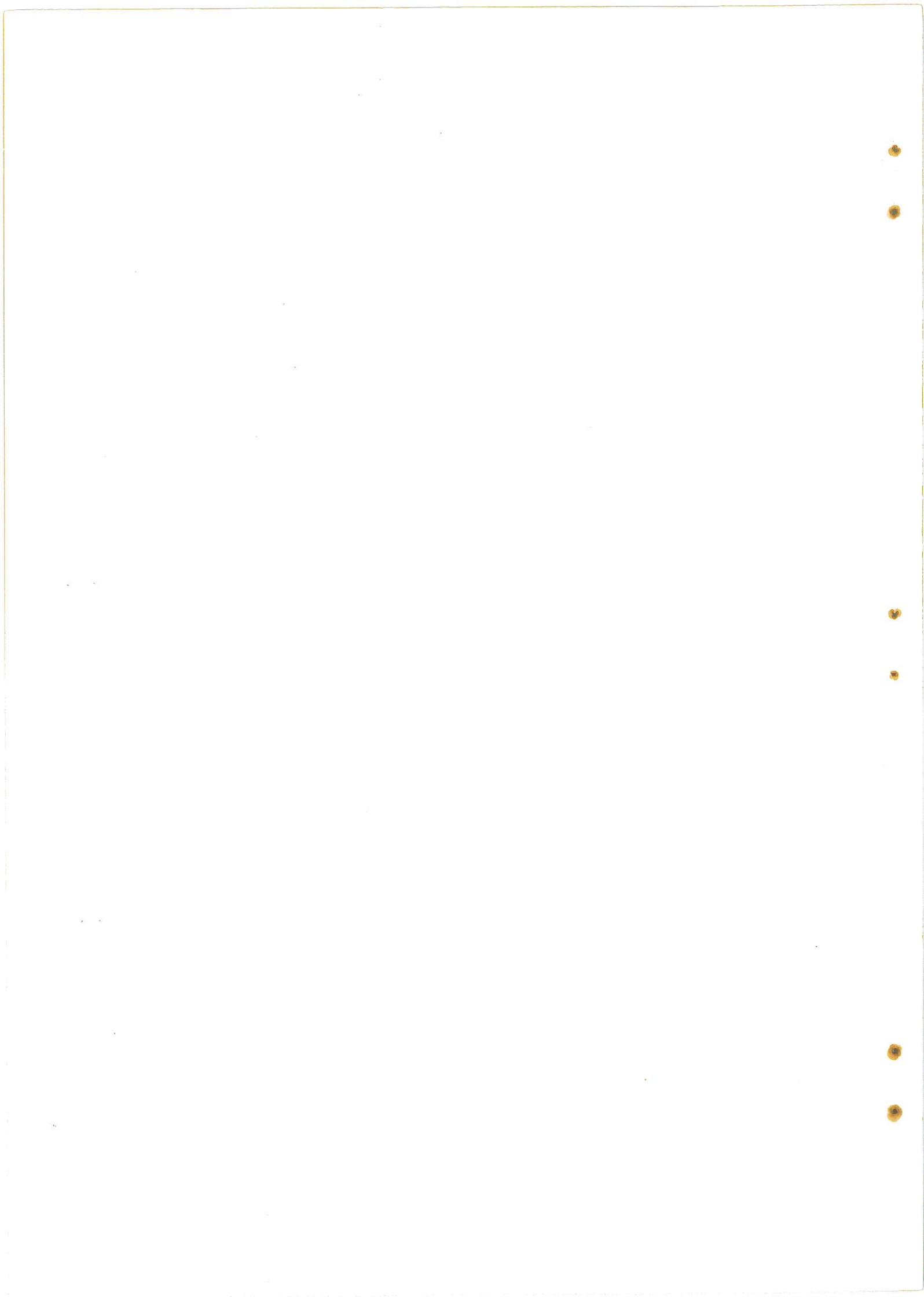
Kia manuia tatou katoatoa.



Hon. Vainé Tairea  
Minister of Agriculture



Hon. Tekatiki Matapo  
Minister in charge of Statistics



### *Preface*

This Report contains results from the Cook Islands Census of Agriculture conducted during September of 1988. This is the first comprehensive agricultural census to be carried out covering all inhabited islands of the Cook Islands. A previous attempt was made in 1975, but coverage was limited to the island of Rarotonga.

The data collected in this census relates to the common agricultural activities prevalent amongst households in the Cook Islands. Information was obtained on land use, land tenure, livestock, agricultural labour and credit, machinery and equipments, household income, crop types, levels of agricultural activity, scattered fruit bearing trees, coconut consumption and the nature of holdings, parcels and plots.

The report is divided into three sections. The first section gives a brief introduction and background to the country and describes the conduct of the census in detail, ranging from census inception to definitions of terms and concepts employed throughout the undertaking. Section two is confined to an in-depth table by table analysis of the tabulations in this report of which can be found in the third section.

It is our belief that the information in this report will no doubt form a valuable foundation of reliable agricultural statistics. We hope that its existence contributes towards overcoming obstacles commonly encountered by present-day economic and social planners and forecasters.

In conclusion, we would like to extend our sincere gratitude to all the respondents who, without their co-operation, would not have made this report possible. Credit is also indisputable to all those who contributed to the enormous task of putting this report together.

May this document attain the objectives to which the Census of Agriculture initially set out to achieve.

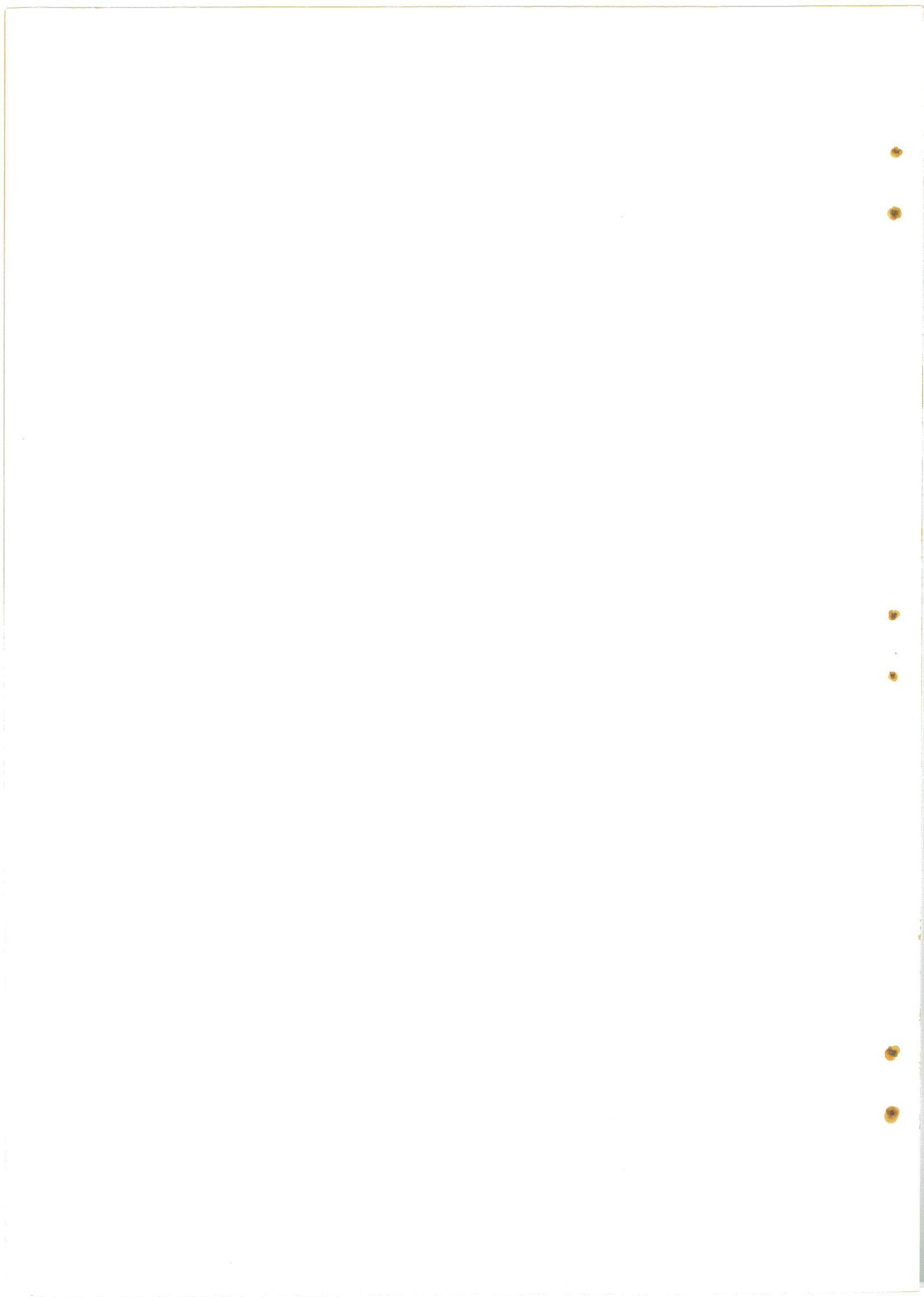
Kia Manuia tatou katoatoa.



W. J. Hosking  
Secretary of Agriculture



A. M. Turua  
Government Statistician



## **ACKNOWLEDGEMENTS**

The support and assistance of the following organisations which enabled this report to come to fruition are greatly appreciated:

### **Cook Islands Government**

Ministry of Agriculture:  
The Secretary  
Agriculture Staff  
Financial Support  
Full-time Personnel Input

Statistics Office:  
Government Statistician  
Statistics Staff  
Office Accommodation  
Use of Facilities

National Agricultural Census Committee

### **United Nations Development Programme**

Financial and Technical Support  
Lourdes Homecillo - UNV Agricultural Statistician

### **Food and Agriculture Organisation**

#### **Technical Advisers:**

David Marshall - Regional Agricultural Census Adviser  
A.A.D.C. Yasasiri - Agricultural Census Consultant  
Paul Duncombe - Data Processing Consultant

In addition to the organisations acknowledged above, special appreciation is extended to all the respondents and the following individuals. Without their dedicated indulgence, this report would not have materialised.

### **Agricultural Census Unit**

Ngatokorua Mataio - Project Co-ordinator  
Stephen Wearing - Assistant Project Co-ordinator  
Andrew Turua - General Adviser  
Tearoa Iorangi - Data Processing Supervisor  
Moetu Tangitamaiti - Office Assistant

### **Field and Census Personnel**

(see Annex 3 for names)

Census Supervisors  
Census Enumerators  
Data Processing Personnel



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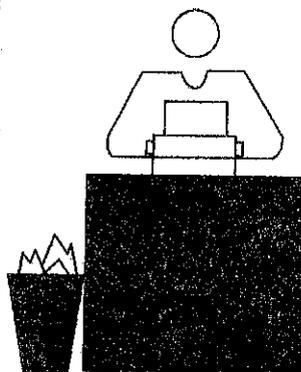
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# GENERAL

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I. INTRODUCTION

Background

The Cook Islands consist of a group of 15 small islands scattered over approximately 2 million square kilometers of the South Pacific Ocean located between 156 and 167 degrees west and 8 and 23 degrees south. The islands are geographically split into two groups, commonly referred to as the Northern Islands and the Southern Islands. The total land area is 237 square kilometers.

The following table presents the area and population by individual islands:

| Area and Population by Island |              |              |                     |
|-------------------------------|--------------|--------------|---------------------|
| Island                        | Area         |              | Population<br>1986* |
|                               | Acre         | Sq. Km.      |                     |
| Rarotonga                     | 16569        | 67.1         | 9678                |
| Aitutaki                      | 4519         | 18.3         | 2391                |
| Atiu                          | 6643         | 26.9         | 955                 |
| Mangaia                       | 12791        | 51.8         | 1235                |
| Mauke                         | 4544         | 18.4         | 687                 |
| Mitiaro                       | 5507         | 22.3         | 272                 |
| Manuae                        | 1531         | 6.2          | -                   |
| Takutea                       | 321          | 1.3          | -                   |
| <b>Southern Islands</b>       | <b>52425</b> | <b>212.3</b> | <b>15218</b>        |
| Manihiki                      | 1333         | 5.4          | 508                 |
| Pukapuka                      | 321          | 1.3          | 760                 |
| Nassau                        | 321          | 1.3          | 118                 |
| Palmerston                    | 519          | 2.1          | 66                  |
| Rakahanga                     | 1012         | 4.1          | 283                 |
| Penrhyn                       | 2420         | 9.8          | 496                 |
| Suvarrow                      | 101          | 0.4          | 6                   |
| <b>Northern Islands</b>       | <b>6027</b>  | <b>24.4</b>  | <b>2237</b>         |
| At Sea                        | -            | -            | 8                   |
| <b>TOTAL, COOK ISLANDS</b>    | <b>58452</b> | <b>236.7</b> | <b>17463</b>        |

\* Provisional figures from the 1986 Census of Population and Dwellings

The two groups of islands making up the country portray marked differences in their agricultural activities. The Northern Islands remains relatively isolated from the Southern Islands and employment opportunities outside the agricultural sector are limited. About 88 percent of the households are engaged in agriculture, i.e. copra production and pearl shell farming (Pearl shell farming is becoming a profitable venture in the islands of Manihiki and Rakahanga).

The Southern Islands, on the other hand, presents a much more diversified agricultural industry. This group has the benefit of a cooler climate and more fertile soil enabling a wider variety of agricultural production. Regular air and sea transportation enhances export opportunities particularly to New Zealand. The main crops are banana in Aitutaki; pineapple in Atiu and Mangaia; pawpaw, citrus, taro and vegetables in Rarotonga. Coffee and vanilla are likewise being developed in Atiu, Mauke, Aitutaki and Mangaia.

Agriculture is still the main activity in the Southern Islands with the exception of Rarotonga where trade, tourism and the service-related sectors are becoming increasingly important.

For the country as a whole, agriculture and fishing is the principal productive sector of the economy, contributing an estimated 12.7 percent of the country's Gross Domestic Product (GDP) in 1986.

### Objectives

The 1988 Census of Agriculture was undertaken primarily to provide current and comprehensive statistics on the agricultural activities of the Cook Islands as the basis for development planning and project formulation.

The other specific objectives of the census were as follows:

1. To provide a frame for other agricultural surveys; and
2. To obtain benchmark data for improving current crop production estimates.

### Legal Authority

The Statistics Act 1966 empowers the Government Statistician to collect statistical information relating to all activities in the Cook Islands. The 1988 Census of Agriculture was conducted under this Act.

### Confidentiality of Data

Section 17 of the Statistics Act 1966 provides that "the information furnished under the provisions of this Act shall be used for statistical purposes only." Information relating to an individual will not be disclosed.

### Inception of the Project

The only previous attempt at a Census of Agriculture in the Cook Islands was in 1975. Although the original intention was to cover all the islands of the group, this did not eventuate and the coverage was limited to the island of Rarotonga. More than ten years later, the need for updated and comprehensive data on the agricultural sector of the Cook Islands prompted the Government to request assistance from the Food and Agricultural Organization of the United Nations (FAO) to assist and advise on the conduct of another census of agriculture.

Initial assistance was provided through the FAO's Technical Co-operation Programme (TCP) in the form of a sub-regional project designed to provide the six FAO member countries of the sub-region with assistance in their preparations for the 1990 agricultural census round (TCP/RAS/4513). The main components of the project related to training and project planning.

As part of this TCP project, an FAO Agricultural Census Adviser visited the Cook Islands in March 1987 to assess the data requirements and to draw up a detailed proposal to conduct an agricultural census. This proposal was subsequently submitted by the Government to the United Nations Development Programme (UNDP) for funding.

The project was approved in May 1988 as project CKI/87/003 - Agricultural Census. The main components of the project were the provision of the services of an UNV statistician for two years, equipment (vehicle and micro-computer system), training and the provision of two consultancies by FAO, one for census planning (two months) and one for data processing (two months).

The activities were further supported by the UNDP/FAO Sub-Regional Project RAS/86/035 - Development of Agricultural Statistics. This project, based in Apia, Western Samoa, was designed to provide technical support to twelve Pacific Island Nations (including the Cook Islands) in the field of Agricultural Statistics.

## II. SCOPE AND COVERAGE

The 1988 Census of Agriculture covered all households and holdings in the Cook Islands. Excluded were all institutions.

The scope of the census included items of information regarding the following:

### A. Household

1. household and holding location;
2. level of agricultural activity;
3. size and number of holdings and parcels;
4. land currently in use;
5. land not in use;
6. livestock;
7. consumption of coconuts;
8. household composition;
9. unpaid labour inputs;
10. agricultural income;
11. agricultural loans; and
12. equipment used.

### B. Holding

1. Number, area, location, land tenure and current use of individual parcels;
2. Scattered plants/trees outside parcels; and
3. Paid labour inputs.

### C. Parcel

1. Area of individual plots as a proportion of parcel, crops planted, current use of plots, proportion of crops for sale, age of tree crops; and
2. Crops planted and harvested during the last 12 months.

## III. CENSUS ADMINISTRATION AND ORGANIZATION

### Administration

To co-ordinate the various stages of conducting the Census of Agriculture, it was necessary to establish a committee known as the National Agricultural Census Committee (NACC). Membership of the committee included representatives from the Departments of Agriculture, Statistics, Planning, Justice, Survey, Foreign Affairs and the Public Service Commission.

The function of the NACC was to ensure that the prime objectives of the census were met, by providing direction and advice as required.

A Project Co-ordinator was appointed and an Agricultural Census Unit (ACU) established. Although the project was executed by the Ministry of Agriculture, a decision was taken at the start of the project's activities to physically locate the ACU at the Statistics Office and to run the project as a joint operation between the two government agencies. This arrangement worked extremely well and the project had the benefit of the support of both agencies, a major factor in the overall success of the project.

The ACU was responsible for the following:

- Finalizing the questionnaires and the Instruction Manual for enumerators;
- Testing of census questionnaires and manuals;
- Recruitment and training of field staff;
- Despatching all materials and forms required for field enumeration;
- Publicity;
- Monitoring the progress of field enumeration;
- Responding to queries from the field staff as well as from respondents;
- Making arrangements for the compensation of field staff;
- Post-enumeration Survey;
- Informing authorities on the progress of the project;
- Training of editors/coders and data entry clerks;
- Office editing/coding and verification of completed questionnaires;
- Data entry into the microcomputers;
- Manual checking, machine editing and validation of the data entered into the microcomputer;
- Generation of statistical tables;
- Review and analysis of statistical tables;
- Preparation of the census report; and
- Publication and dissemination of the census results.

#### Design of Questionnaires

The initial design of the questionnaires for the census was done by the FAO Agricultural Census Adviser (TCP/RAS/4513) in collaboration with the staff from the Ministry of Agriculture and the Statistics Office. All aspects of the agricultural system being practised in the Cook Islands were taken into account in the initial and subsequent stages of the questionnaire design.

The questionnaires went through several revisions until the final version was arrived at. Considerable emphasis was put on a design appropriate to the agricultural system of the Cook Islands (mixed cropping, small crop areas,

scattered trees). They were designed in a format that would provide ease in the field enumeration and data processing stages. Concepts and definitions used were those commonly understood by respondents and easily explained by enumerators. The questions and instructions for filling in the questionnaires were worded in a simple manner and arranged in a logical sequence.

### Types of Questionnaires

Three types of questionnaires were used for the census, which were as follows:

1. Household Form - This was completed for all households covered in the enumeration, regardless of the level of their agricultural activity.
2. Holding Form - This form was completed only for agriculturally active households with a holding area of at least one-eighth (1/8) of an acre. The number of holding forms to be completed had to correspond to the number of holdings operated by the households.
3. Parcel Form - This was completed only for those households that completed a holding form. The number of parcel forms to be completed corresponded to the number of parcels, whether in use or fallow, as reported in the holding form.

The questionnaires made wide use of pre-coding to assist at the coding and data entry stages.

The three types of questionnaires were printed on different coloured paper to assist with ease of identification in the field.

There are two points of particular note in the questionnaire design. The first was the linking of the three questionnaires to ensure internal consistency of the data. This was done through such items as the number of holdings operated by the household and the area of these holdings and the number and area of the parcels of land.

The other feature of particular note was the handling of plot areas and mixed cropping. The census was designed using the interview approach. Whilst this has the advantages of being the least burdensome in terms of resource inputs, this approach suffers from inaccuracies of reporting by the respondents. In the Cook Islands it was felt that whilst respondents would have some idea of holding and parcel areas, they would have little idea of individual plot areas. To get round this problem the questionnaires were designed in such a way that the total area of the holding was first established usually by summing the individual parcel areas.

Once the individual parcel areas had been established, the individual plot areas on the parcel form were recorded in terms of proportions (fractions) of the parcel area.

Likewise when handling mixed crops, the proportion (fraction) of the land used by the individual crops in the mix was recorded to enable 'single crop equivalent areas' to be calculated. Scattered plants and trees were also separately identified.

#### Preparation of the Instruction Manual

The Instruction Manual was prepared for the purpose of ensuring uniform interpretation of the concepts and definitions used and to ensure standard procedures in field enumeration. It was used extensively at the training stage and also served as a reference guide for census supervisors, enumerators, editors/coders during the field enumeration and data processing.

The Instruction Manual for enumerators went through four stages of preparation. The first draft, based on the initial questionnaire design, was completed in November 1987. The second draft which was used during the training for the Northern Islands supervisors was completed in June 1988. The final draft was completed in July 1988 and used during the training of the Southern Islands supervisors and enumerators. A revised version of the final draft was completed in August 1988.

The Instruction Manual contained, amongst other things, the objectives of the census, scope and coverage, methodology of enumeration, instructions for filling in the questionnaires and control forms, concepts and definitions used, coding schemes used and the duty list for census supervisors and enumerators.

#### Publicity

The media used in publicizing the census were newspaper, radio broadcast, and lectures. The newspaper medium was in the form of a letter signed by the heads of the two departments undertaking the project, Mr. Hosking for Agriculture and Mr. Turua for Statistics. The letter, which was published shortly before the field work commenced, outlined in brief the objectives and scope of the census and at the same time requested the cooperation of the population towards the undertaking.

The two radio stations in Rarotonga, Cook Islands Broadcasting and Newspaper Corporation (CIBNC) and Kia Orana Country-FM (KC-FM) were also requested to get the message of the census across to the community. Important aspects of the census were announced for one week through the use of the

community programme of the Ministry of Internal Affairs on CIBNC. On radio KC-FM, a spot programme about the census was on the air for one week.

Lectures covering the census were delivered by ACU to senior students and students taking agriculture classes at Tereora and Titikaveka Colleges on Rarotonga.

Although the publicity programme was implemented over a short period of time, its effectiveness was nevertheless evidenced by the satisfactory response on the part of the respondents.

#### Pilot Test

A two-part pilot test was undertaken during the training of supervisors as a means of testing the effectiveness of the questionnaires. The supervisors were split into 4 groups comprising 5 persons in each group. Each group interviewed 4 full-time growers on all aspects of their farming activities in selected areas in Rarotonga. In the first pilot census, the villages selected were Matavera, Tupapa, Nikao and Arorangi. The second pilot census covered the villages of Nikao, Tupapa, Ngatangia and Arorangi.

A review and evaluation of the pilot test results called for revisions and alterations in the questionnaires as well as the approach in the manner of interviewing. It was realised that certain aspects of the questionnaires lacked sufficient definition that some questions and/or responses were not well understood. Minor changes to the structure and format of the questionnaires were then made in time for the actual field enumeration.

The time involved in the interviewing process particularly on households engaged in some form of agricultural activity was rather extensive. It was realised that the interest of the growers tended to drift away if the interview was lengthy. Some suggestions were considered as a means of getting around this problem. These included the following:

1. Using 10 years in case the grower could not recall the exact duration of the land not being used;
2. Defining terms and concepts clearly to speed up explanation;
3. Bringing back the respondents to the census subject once they start talking about other subjects;
4. Doing the coding at home or in the office rather than during the interview; and

5. Providing a good estimate in cases such as the number of trees/plants, area of parcels, etc.

#### IV. CENSUS FRAME

The frame used in the 1988 Census of Agriculture was the updated listing of households by Enumeration Area (EA) compiled during the 1986 Census of Population and Dwellings (CPD) of the Cook Islands. During the actual enumeration, new households were added to the list and those households no longer existing at the time of visit were deleted from the list.

Similarly, the Census of Agriculture adopted the same geographic subdivisions and coding scheme as used in the 1986 CPD. For census purposes, each of the islands are divided into Census Districts (CDs), which in turn are further subdivided into a number of EAs.

The following shows the number of CDs and EAs by island:

| <u>Island</u> | <u>No. of CDs</u> | <u>No. of EAs</u> |
|---------------|-------------------|-------------------|
| Rarotonga     | 11                | 72                |
| Aitutaki      | 4                 | 17                |
| Manuae        | 1                 | 1                 |
| Mangaia       | 6                 | 7                 |
| Atiu          | 5                 | 8                 |
| Mauke         | 3                 | 4                 |
| Palmerston    | 1                 | 1                 |
| Mitiaro       | 2                 | 2                 |
| Pukapuka      | 3                 | 4                 |
| Nassau        | 1                 | 1                 |
| Manihiki      | 2                 | 2                 |
| Rakahanga     | 2                 | 2                 |
| Penrhyn       | 2                 | 3                 |
| <b>TOTAL</b>  | <b>43</b>         | <b>124</b>        |

#### V. METHODOLOGY OF ENUMERATION

##### Recruitment and Training of Census Supervisors and Enumerators

Twenty three (23) census supervisors and eighty-three (83) enumerators were involved in the census undertaking. In Rarotonga, a team of enumerators were specially recruited, mostly from the government sector, with the staff of the Ministry of Agriculture acting as census supervisors. In

the Northern Islands and the other islands in the Southern Islands, the extension staff of the Ministry of Agriculture were responsible for the enumeration in their respective areas.

The following shows the distribution of supervisors and enumerators by area:

|                        | <u>Number of Supervisors</u> | <u>Number of Enumerators</u> |
|------------------------|------------------------------|------------------------------|
| Rarotonga              | 11                           | 53                           |
| Aitutaki               | 2                            | 9                            |
| Other Southern Islands | 4                            | 15                           |
| Northern Islands       | 6                            | 6                            |
| Total                  | <u>23</u>                    | <u>83</u>                    |

Training for field enumeration was conducted at two levels. The first level, which was held in Rarotonga, was for census supervisors and lasted for three days in August 1988. Training for the Northern Islands supervisors was, however, conducted earlier in June 1988 due to transport limitation to and from these islands. The second level of training, for enumerators, also lasted for three days. At both levels, special emphasis was given to the objectives of the census, concepts and definitions used, instructions on the proper filling in of the questionnaires and forms, techniques in enumeration and the duties and responsibilities of both the supervisors and enumerators as contained in the Instruction Manual.

The training was conducted by senior members of the Ministry of Agriculture and the Statistics Office with assistance and support from the FAO Census Planning Consultant and the Chief Technical Adviser of the sub-regional project (RAS/86/035).

#### Field Enumeration

The enumeration period was scheduled from 1st to 30th September 1988. In some areas, however, the enumeration commenced later than the scheduled date due to delays in the distribution of the forms to the outer islands.

Enumerators were assigned to one or more EAs. Maps and Census Household Listings were provided for each EA to assist in the physical location of the households and to ensure completeness of coverage.

Visits to the households were done mostly in the late afternoons (after 4:00 pm) and/or on weekends as it was during these times that many of the respondents were available for interview.

Close supervision was exercised in the field by the census supervisors who helped minimize the possible errors during enumeration. Thus, field editing of the work of the enumerators permitted the early detection of errors where immediate action to correct them was taken.

One important form completed by the enumerators, aside from the regular census questionnaires, was the Census Household Listing and Field Sheet for each enumeration area. This was the 1988 Updated Listing of Households that contained information on the level of agricultural activity and the number of questionnaires used.

The completed questionnaires were then returned by the enumerators to the supervisors, who in turn checked the questionnaires for consistency and acceptability of the figures and correctness of the codes used. After ensuring that the questionnaires had been properly completed and all corrections and/or verifications done, the supervisors submitted all questionnaires to the ACU on an EA basis.

The field work was generally well conducted and completed on schedule. However, in a few areas the field work got delayed and was not completed until December 1988.

A large undertaking such as the Census of Agriculture will inevitably experience some difficulties and problems. However, every effort was made to anticipate likely problems and in the event no insurmountable problems were encountered.

The following briefly outlines the main problems encountered during the census:

1. Irregular transportation to effectively conduct training of staff particularly in the Northern Islands;
2. Lack of adequate use of communication facilities to enhance efficient national supervision as well as monitoring of activities;
3. Lack of understanding leading to a misinterpretation of definitions and underlying concepts due primarily to the training programme as a direct result of other collectively related problems;
4. Reluctancy of respondents to supply information for fear of it being used for purposes other than statistical;

5. Respondents' recollection of agricultural activities conducted during the 12 months prior to enumeration; and
6. Estimation of areas, number of trees/plants and the proportion of land under mixed crops.

## VI. POST ENUMERATION SURVEY

### Objective

The objective of the Post Enumeration Survey (PES) was to check the accuracy of the data collected during actual field enumeration. Ideally, this survey should be conducted as soon as practicable after the field enumeration to minimize structural changes over time. In the case of the Cook Islands, PES was started immediately after the field enumeration of the census but the work dragged on in a number of areas and the survey was not completed until June 1989.

### Scope

The scope of the PES was restricted to selected items of information due to time and budgetary limitations. As such, the following items were covered:

1. Area of individual parcels; and
2. Number, type and proportion mix of crops currently growing in each parcel.

Since there were no actual measurements made of parcel areas during the field enumeration, objective measurements were conducted during the PES.

### Methodology

The methodology of PES was as follows:

1. The islands of Rarotonga, Aitutaki, Atiu, Mauke and Mangaia were selected for the PES.
2. For Rarotonga, 4 CDs were selected where 10 holdings were randomly selected from each CD. For the other islands, 10 holdings were randomly selected from each island, regardless of CD. All 80 holdings selected for PES were from the two major agricultural levels; subsistence (level 3) and subsistence/cash (level 4).
3. Eight supervisors were selected, four were assigned in Rarotonga and one in each of the other islands. Each supervisor was assigned 10 holdings to survey, and the maximum number of parcels for each holding was set at 4.

4. Having established the boundaries for the parcel, the actual measurements for the area were taken using a compass and measuring tape.
5. The data obtained were then entered in a programmable pocket calculator to derive the area (in acres) and the error ratio for each parcel.
6. The parcels were then re-measured if the error ratio significantly exceeded 4 percent. This ratio indicated the level of inaccuracy in the field measurement.
7. In the case of fallow parcels that were not accessible, eye estimation of the area was used. This was, however, not very common.
8. The measured areas of the parcels were then compared with the area supplied by the respondents for the same parcels during the field enumeration.

#### Results

The PES was planned to be undertaken in October 1988 straight after the census. This would have minimized the effects of structural changes to the parcels. Due to the pressure of the census, however, PES unfortunately dragged on and was finally completed after 8 months. By this time, changes to the parcels would have occurred and this no doubt contributed to the marked differences in some of the parcels measured.

As expected, there was an over-estimation of the areas reported in the census relative to those objectively measured in PES. After disregarding those parcels whose estimated areas were unrealistically high (>150 %) - perhaps due to changes mentioned above - the findings of PES are presented in the table below.

PES Results

PES and Census Comparison of Parcel Areas (in acres)

| Islands   | Total Recorded Parcels | Total Sample Parcels | Area of Census Parcels | Census Sample Parcel Area | PES Sample Parcel Area | %diff. From Area Meas. |
|-----------|------------------------|----------------------|------------------------|---------------------------|------------------------|------------------------|
| Rarotonga | 2435                   | 51                   | 2045.6                 | 23.77                     | 19.60                  | +21                    |
| Aitutaki  | 1440                   | 24                   | 1446.4                 | 16.50                     | 14.09                  | +17                    |
| Atiu      | 599                    | 7                    | 797.5                  | 4.50                      | 3.70                   | +22                    |
| Mauke     | 405                    | 12                   | 519.4                  | 12.51                     | 12.44                  | +1                     |
| Mangaia   | 925                    | 18                   | 905.7                  | 12.09                     | 8.47                   | +43                    |
| Total     | 5804                   | 112                  | 5714.6                 | 69.37                     | 58.30                  | +19                    |

When the PES is taken in its totality, there was an area over-estimation in the order of 19 %. In other words PES is suggesting that a more realistic area measurement is to reduce by an average of 19 % the area reported in the census for those islands covered by PES. The same interpretation applies on an island by island basis for the above 5 islands. For example on Aitutaki a more realistic measure of the total area of the 1440 parcels reported is 1200 acres ( 1446.40 less 17 %).

The message here, therefore, is to exercise caution when dealing with the area data reported throughout this report. For the 5 islands covered by PES, one should ideally reduce the areas reported by the specified percentages to arrive at more accurate area measurements. However, in cases where estimates only will suffice, the areas given in this report meets this need nevertheless.

VII. DATA PROCESSING

Under the auspices of the sub-regional project (RAS/86/035) a three week training course was conducted to train staff in all aspects of checking, editing and coding census questionnaires and in data entry procedures. The course was organized and conducted by the Chief Technical Adviser (RAS/86/035). This training ensured that this important part of the census operation was properly executed.

For the purpose of data processing, a Batch Control Sheet (BCS) was designed to be used in keeping track of activities conducted during the various stages of data processing.

Preliminary totals for a few variables and record types were compiled on this BCS during the office editing, coding and machine processing stages.

#### Office Editing and Coding

Upon receipt of the completed questionnaires and forms, initial checks were made for completeness and general acceptability of the questionnaires, listing sheets and maps.

Office editing of the completed questionnaires was done using the Instruction Manual for enumerators to check for the completeness, accuracy and consistency of the data. Inconsistencies and omissions or doubtful entries in the questionnaires which could not be corrected in the office were referred back to the census supervisors for correction and/or verification.

A coding scheme was formulated assigning alpha and numeric codes to as many questionnaire variates as possible in order to make data entry easier and quicker. During actual field enumeration, enumerators used the majority of these codes to help reduce office coding time.

To control the quality of the data, editing and coding verification was undertaken in final preparation of the data to be entered into the microcomputer.

#### Machine Processing

At an early stage in the census planning, a decision was taken to use the User-Friendly Survey Package (U-SP) for the processing of the data.

The structure of the survey was set up in such a way as to provide maximum flexibility in the data set. Training was given to a member of the Statistics Office in this procedure by the Chief Technical Adviser (RAS/86/035).

The data were entered onto the microcomputer on an EA (batch) basis. Range checks and logical checks were performed on the data at the entry stage to minimize punching errors and detect obvious inconsistencies in the data.

A hard copy of the data was also produced on a batch basis and manually checked against the data in the questionnaires. Corrections were then entered onto the microcomputer before the final machine editing of the data.

Despite the lack of experience in such data processing operations it is apparent that this part of the census was carried out to very high standards and much credit goes to the staff assigned to this operation.

#### VIII. TABULATION PROGRAMME

A tabulation plan was drawn up at the early stages of the census operation. This plan contained the list of 'priority tables' to be included in the main census report. It should be noted, however, that the number of tables and cross-tables that could be produced from this set of data is almost limitless and the list of priority tables contained in this report only represents the main findings of the census. It is planned that a secondary analysis of the data will follow in the near future to provide a more 'in-depth' analysis of the data for the major crops and regions of the country.

The tabulation programme took into account the relative importance of the items of information that would best serve the national and international needs of the data users. A Data Processing Consultant visited the Cook islands for three weeks in April 1989 to train local staff in creating tables using U-SP and to produce a provisional set of tables. These tables were subsequently revised and reformatted prior to the production of the final set of tables for this report. By using the macro facility within the software package, these revisions were accommodated with the minimum of effort and the package proved particularly versatile and flexible in this aspect of the data processing operation.

#### IX. BUDGET

The major financial inputs to the project came from the Government and the UNDP.

The Governments' contribution, originally budgeted at NZ\$42,000, finished up around NZ\$60,000. The major components were payments to field staff, travel, printing and training.

The UNDP's contribution was NZ\$120,000. The major components were project personnel (UNV, statistician and consultants), training and equipment (vehicle and microcomputer system).

To these figures must be added the cost of salaries and other expenses of staff employed by the Government on a regular basis who worked on the census.

**X. DEFINITION OF TERMS AND CONCEPTS**

**Agricultural Census** - An agricultural census is a large-scale, government sponsored operation for the collection of quantitative information on agricultural structure, using the agricultural holding as the statistical unit and covering the whole country within a single agricultural year.

**Agricultural Activities** - For purposes of the 1988 Agricultural Census, this refers to all activities rendered by members of the households for agricultural production. These activities can either be on paid or unpaid arrangements. Activities directly related to fishing and /or marine relationships are excluded.

**Holding** - An agricultural holding is an economic unit of agricultural production under single management comprising all livestock kept and all land used wholly or partly for agricultural production purposes, without regard to title, legal form or size. Single management may be exercised by an individual or household, jointly by two or more individuals or households, by a clan or tribe or by a juridical person such as corporation, cooperative or government agency. The holding's land may consist of one or more parcels, located in one or more separate areas or in one or more enumeration areas, provided the parcels share the same production means utilized by the holding such as labour, farm buildings or machinery/equipment.

**Parcel** - A holding parcel is any piece of land entirely surrounded by other land, water, road, forest, etc. not forming part of this holding. A parcel may consist of one or more plots adjacent to each other.

**Plot** - A plot is a part or whole of a parcel on which a specific crop or crop mixture is cultivated. A plot can also be fallow land or land ready for planting.

**Fallow Land** - This refers to land with no crop in a plantation mode yet to be harvested. Where the crop has been harvested completely but the remnants of it are still visible, this will also be referred to as fallow land. Fallow land may be long term (10 years or more) or short term.

**Land Waiting to be Planted** - The land has been prepared (i.e. ploughed) and waiting to be planted with crops.

**Land in Use** - As on the day of the census, the land was planted to crops irrespective of how long it has been fallow previously.

**Household** - The concept of a household is based on the arrangements made by persons, individually or groups, for providing themselves with food or other essentials for living. A household may be either:

1. A one-person household, that is, a person who makes provision for his or her own food or other essentials for living without combining with any other person to form part of a multi-person household; or
2. A multi-person household, that is, a group of two or more persons living together who make common provision for food or other essentials for living. They may be related or unrelated persons or combination of both.

**Agriculturally Active Household** - This refers to a household whose level of agricultural activity was either subsistence only, subsistence/cash, commercial part-time or commercial full-time.

**Institution** - An organization providing specified service for performing some general public function or a group of individuals such as a prison, hospital, hotel, boarding school, etc.

**Operator** - An operator of an agricultural holding is the person who exercises management control over the operation of the agricultural holding. Where the holding is being operated by a single household, the head of the household is in most cases the operator. A holding can have more than one operator especially in cases where the holding is being operated as a partnership or some other form of joint operation.

**Livestock** - The categories of livestock include all animals, regardless of age. For example, in the category of pigs, all the animals (sows, boars, weaners, fatteners) kept by the household are stated. In the category of sows, only the female animals that have already given birth and are still capable of giving birth are stated. Potential breeders, i.e. female animals that will be used for breeding purposes, are not included.

**Tree Crops** - These are trees bearing edible fruits or nuts. The trees themselves have an economic life of more than five years. Examples are mango, litchi, banana, spondias, avocado, coconut, citrus, custard apple, macadamia, chestnut, carambola, pawpaw, etc. Pistachio, fig, guava and other like trees are not included.

### Levels of Agricultural Activity

1. **Non-Agricultural** - The household does not engage in any crop production. Such households may own or look after land not in use and also own or look after livestock.
2. **Minor Agricultural Activity** - The household has only very few crops defined as less than 625 square yards (25 yards x 25 yards) of land under garden crops OR less than 10 coconut trees OR less than 10 trees bearing other than tree crops.
3. **Subsistence Only** - The household produces crops but does not sell for any significant amount.
4. **Subsistence/Cash** - The household's main purpose of agricultural production is to feed itself (sustenance) but some crops or surplus crops are sold.
5. **Commercial Part-Time** - Households in this category differ from those in category 4 by the fact that their main purpose of production is for their produce to be sold locally or for export. Members of the household work on the holding only on a part-time basis.
6. **Commercial Full-Time** - The household's main purpose of production is for their produce to be sold locally or for export and one or more members of the household work on the holding on a full-time basis.

### Land Tenure

1. **Crown Land** - Any land which has not been alienated from the Crown for a subsisting estate in fee simple, other than Native Land. Examples of such land types include the main road, schools, hospitals, government premises, beaches, usually inaccessible lands such as the interior of Rarotonga.
2. **European Land** - Any land which has been alienated from the Crown for a subsisting estate in fee simple other than Native Land. In other words, Crown land (i.e. not native or customary land) leased or put aside by the Crown for specific purposes such as some churches.
3. **Customary Land** (alias Native Land, Native Freehold Land) - Land which, being vested in the Crown, is held by Natives or the descendants of Natives under the Native customs and usage in the Cook Islands. Customary land is not investigated by the land court but is being looked after and handled by the Natives.

4. **Freehold Land** - This is the land which have been investigated by the land court and held by the individuals under the following terms:

- (i) **Leased** - Contract by which one party (lessor), usually in consideration of rent, conveys land to another (lessee) for a specified time period.
- (ii) **License (borrowed)** - Land belonging to another household or person that the borrower has borrowed for use usually on a temporary basis. Terms of the agreement are between the parties concerned, i.e. it need not go through the court.
- (iii) **Occupation Right** - Where the operator (or his/her spouse) has an exclusive right to use a piece of land, such right being obtained through the land court system of the Cook Islands.
- (iv) **Long Occupation Right (alias vested order)** - If any person or persons has lived on Crown or Customary land without any right for 20 years or more, such person(s) can apply to the land court for a right to occupy the same land indefinitely. When such right is granted, this is referred to as long occupation right or vested order.

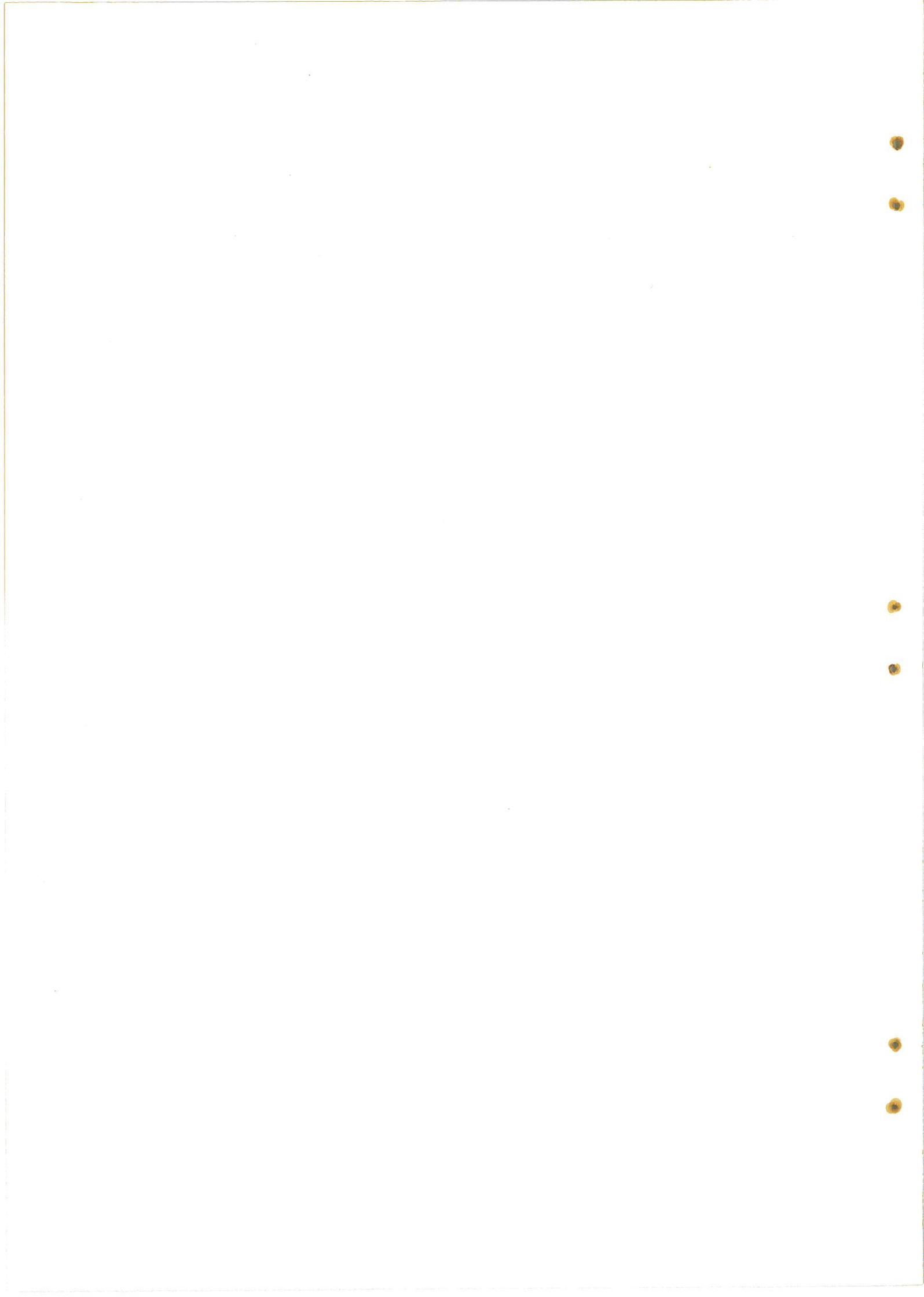
Reference Period by Specific Topics

| <u>Topic</u>                                                                   | <u>Reference Period</u>                                                           |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 1988 Census of Agriculture                                                     | 1 September 1988                                                                  |
| Enumeration Period                                                             | 1-30 September 1988                                                               |
| Crops currently growing and/or planted and harvested during the last 12 months | Last 12 months preceding the month of September 1988                              |
| Land not in use                                                                | "Years unused" is last 10 years, i.e. since September 1978                        |
| Working on holding in unpaid capacity                                          | Last month, i.e. August 1988<br>The same reference period applies to paid labour. |
| Loans                                                                          | Last 5 years, i.e. since 1983                                                     |
| Equipment in operational condition                                             | Last 12 months, i.e. since August 1987                                            |

**XI. SUMMARY OF THE RESULTS**

To provide the reader with a general overview of the findings of the Census, the following facts for the Cook Islands have been extracted from the Tables in this report and have been condensed to solicit the magnitude of the concepts utilized in the Census. For further details to these figures, the reader is invited to refer to the respective tables in this report.

|                                                                                                |         |
|------------------------------------------------------------------------------------------------|---------|
| Total number of households                                                                     | 3,170   |
| Number of non-agricultural and<br>minor agricultural households                                | 1,035   |
| Number of agriculturally active households                                                     | 2,135   |
| Total number of holdings                                                                       | 2,188   |
| Total number of parcels                                                                        | 6,399   |
| Number of parcels in use                                                                       | 5,101   |
| Number of parcels fallow                                                                       | 1,429   |
| <hr/>                                                                                          |         |
| Total acreage of parcels                                                                       | 6,435   |
| Acreage of parcels in use                                                                      | 5,006   |
| Acreage of parcels fallow                                                                      | 1,429   |
| Average size of holdings (acres)                                                               | 2.9     |
| <hr/>                                                                                          |         |
| Total number of households keeping livestock                                                   | 2,305   |
| Total number of households not keeping livestock                                               | 865     |
| Total number of pigs                                                                           | 16,459  |
| Total number of cattle                                                                         | 246     |
| Total number of chicken                                                                        | 44,687  |
| Total number of goats                                                                          | 5,472   |
| Total number of horses                                                                         | 355     |
| <hr/>                                                                                          |         |
| Number of households using coconuts for<br>human consumption                                   | 2,615   |
| Total weekly human consumption of coconuts                                                     | 41,994  |
| Average weekly human consumption of coconuts<br>per household using coconuts for this purpose  | 16.1    |
| Number of households using coconuts for<br>feeding animals                                     | 2,011   |
| Total weekly animal consumption of coconuts                                                    | 129,453 |
| Average weekly animal consumption of coconuts<br>per household using coconuts for this purpose | 64.4    |
| <hr/>                                                                                          |         |
| Persons in agriculturally active households:                                                   |         |
| Persons under 10 years old                                                                     | 3,138   |
| Persons over 10 years old                                                                      | 8,749   |
| Total persons                                                                                  | 11,887  |
| Number of agriculturally active households<br>with loans for agricultural purposes             | 337     |
| Number of agriculturally active households<br>with no loans for agricultural purposes          | 1,798   |



## VANILLA



*Vanilla production has spread to Mauke, Mangaia and Aitutaki (experimental) after being developed in Atiu as a commercial "diversification" crop. Vanilla is commonly supported by "Tecoma" trees (above) and "Fiki" trees (below - also used for medicines) with generous mulching at its base.*



All Photographs Were Supplied By The Ministry Of Agriculture

## PAWPAW

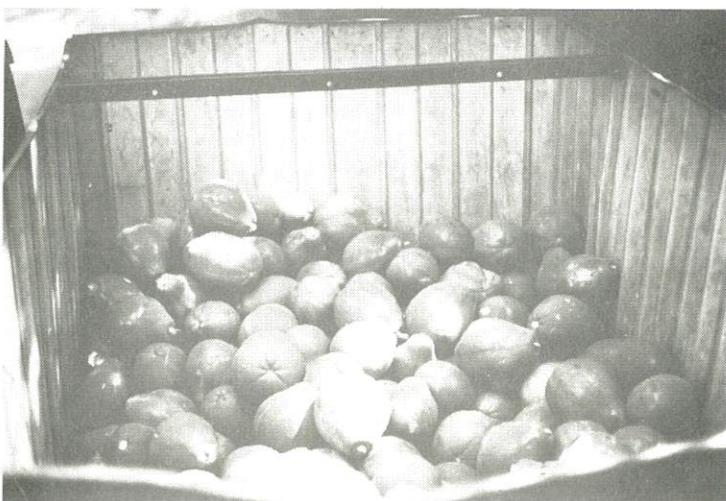


*A typical pawpaw tree of the "Solo" variety boasts export quality fruit.*



*Harvesting of mature pawpaw using tractor with attached front-end-loader is becoming more frequent where ladders fall short.*

*Harvesting commences 10 months after planting & may last for 3 yrs thereafter. Two export quality fruits per tree per week is common.*

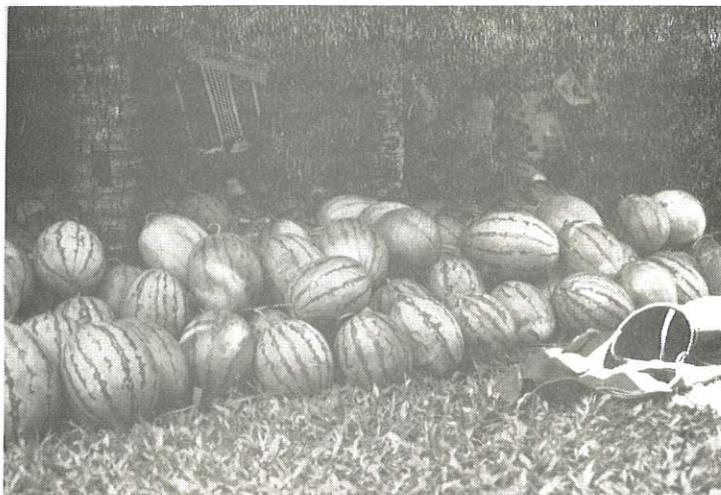


*Harvested pawpaw in container ready for selection & packing. Pawpaw being a major crop on Rarotonga is exported by air to NZ. Pawpaw exports in 1988 totalled 994 tonnes.*

Traditionally water melons were grown for harvest during the Xmas/New Year festivities. Today melons are grown all year round.



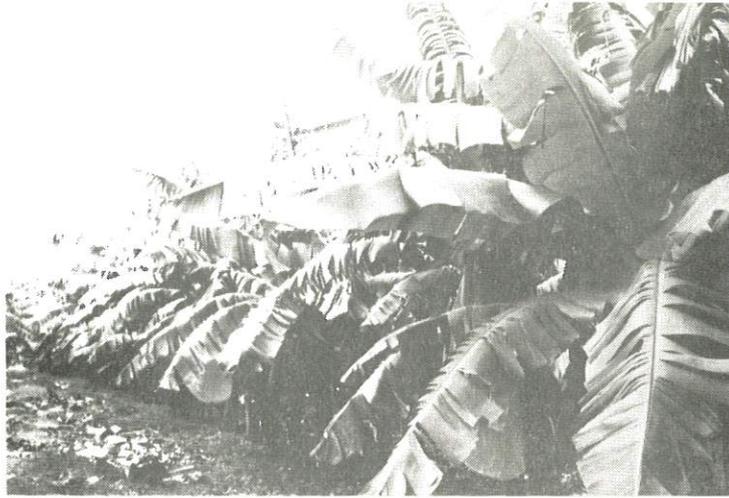
"Family Fun" melons kept cool as they await to be put on the local market & distributed to family & friends.



Inter-cropping, a common sight, with "Drum Head" cabbages in the foreground of tomatoes using the inverted "V" trellis as opposed to the more common vertical stakes.



**TREE CROPS**



*Banana-cavendish is the main banana export variety of the Cook Islands and is mass-produced on Aitutaki.*



*Citrus-mandarine is commonly grown on Rarotonga. This particular variety has been grafted on "Trifoliata", a frequently used citrus root stock.*



*Arabica Coffee, being developed in Atiu, shows signs of potential production.*

Scattered Crops Growing in Parcels

Table 54: Scattered Crops Growing in Parcels - Number of Separate Plantings by Type of Crop and Island

Table 55: Scattered Crops Growing in Parcels - Number of Plants Growing at the Time of the Census by Type of Crop and Island

Table 55A: Scattered Crops Growing in Parcels - Single Crop Equivalent Area (acres) of Crops Growing at the Time of the Census by Type of Crop and Island

Table 56: Scattered Crops Growing in Parcels - Number of Plants by Region, Type of Crop and Proportion for Sale

Table 57: Scattered Crops Growing in Parcels - Number of Separate Plantings by Region, Type of Crop and Size of Planting

Table 58: Scattered Crops Growing in Parcels - Number of Plants Growing at the Time of the Census by Region, Type of Crop and Size of Planting

Scattered Crops Growing Outside Parcels

Table 59: Scattered Crops Growing Outside Parcels - Number of Separate Plantings by Type of Crop and Island

Table 60: Scattered Crops Growing Outside Parcels - Number of Plants by Type of Crop and Island

Table 60A: Scattered Crops Growing Outside Parcels - Single Crop Equivalent Area (acres) by Type of Crop and Island

Table 61: Scattered Crops Growing Outside Parcels - Number of Separate Plantings by Region, Type of Crop and Size of Planting

Table 62: Scattered Crops Growing Outside Parcels - Number of Plants by Region, Type of Crop and Size of Planting

Crops Grown By Minor Households

Table 63: Crops Currently Grown by Minor Agricultural Households - Number of Separate Plantings by Type of Crop and Island

Table 64: Crops Currently Grown by Minor Agricultural Households - Number of Plants by Type of Crop and Island

Table 65: Crops Currently Grown by Minor Agricultural Households - Area (acres) of Minor Crops by Type of Crop and Island

**Table 66: Crops Planted by Minor Agricultural Households in the 12 Months Preceding the Census and Already Harvested - Number of Separate Plantings, Number of Plants Harvested and Area Harvested by Type of Crop**

**Crops Planted in Parcels in the 12 Months Preceding the Census and Already Harvested**

**Table 67: Crops Planted in Parcels in the 12 Months Preceding the Census and Already Harvested - Number of Plantings Reporting in Acres, Square Yards and Number of Plants; Area Reported in Acres and Square Yards and Number of Plants Reported by Type of Crop**

**Table 68: Crops Planted in Parcels in the 12 Months Preceding the Census and Already Harvested - Total Area (acres) Harvested by Type of Crop and Proportion Sold**

**Land Waiting to be Planted and Fallow in Parcels**

**Table 69: Land Waiting to be Planted and Fallow Land in Parcels - Number of Plots and Area (acres) of Plots by Island**

**Crops - Summary Data**

**Table 70: Summary of Single Crop Equivalent Areas (acres) by Type of Crop and Method of Planting**

**Table 71: Summary of Number of Plants by Type of Crop and Method of Planting**

Table 1: Number of Households by Location of Household and Level of Agricultural Activity

| Location of Household     | Level of Agricultural Activity |                    |                  |                  |                      |                      |      | Total |
|---------------------------|--------------------------------|--------------------|------------------|------------------|----------------------|----------------------|------|-------|
|                           | Non-Agricultural               | Minor Agricultural | Subsistence Only | Subsistence/Cash | Commercial Part-Time | Commercial Full-Time |      |       |
| <b>Pue-Matavera</b>       | 20                             | 72                 | 69               | 4                | 3                    | 3                    | 171  |       |
| Tupapa-Maraerenga         | 28                             | 22                 | 47               | 6                | -                    | 2                    | 105  |       |
| Takuvaine-Parekura        | 38                             | 36                 | 70               | 2                | 3                    | -                    | 149  |       |
| Tutakimoa-Teotue          | 20                             | 38                 | 24               | -                | 1                    | -                    | 83   |       |
| Avatiu-Ruatonga           | 52                             | 33                 | 89               | 13               | 2                    | 1                    | 190  |       |
| Nikao-Panama              | 28                             | 113                | 74               | 8                | 3                    | 2                    | 228  |       |
| Ruaau-Arorangi            | 38                             | 47                 | 66               | 13               | 5                    | 6                    | 175  |       |
| Murienu-Arorangi          | 48                             | 41                 | 127              | 26               | 11                   | 6                    | 259  |       |
| Titikaveka                | 64                             | 34                 | 72               | 36               | 13                   | 13                   | 232  |       |
| Ngatangia                 | 35                             | 22                 | 42               | 14               | 8                    | 5                    | 126  |       |
| Matavera                  | 15                             | 27                 | 42               | 15               | 6                    | 8                    | 113  |       |
| <b>RAKOTONGA</b>          | 386                            | 485                | 722              | 137              | 55                   | 46                   | 1831 |       |
| <b>OTHER SOUTHERN IS.</b> | 67                             | 52                 | 548              | 239              | 50                   | 12                   | 968  |       |
| Palmerston                | -                              | -                  | 9                | -                | -                    | -                    | 9    |       |
| Pukapuka                  | 10                             | 7                  | 99               | -                | -                    | -                    | 116  |       |
| Nassau                    | -                              | -                  | 18               | -                | -                    | -                    | 18   |       |
| Manihiki                  | 1                              | 4                  | 75               | 2                | -                    | -                    | 82   |       |
| Rakahanga                 | 6                              | 2                  | 18               | 23               | -                    | -                    | 49   |       |
| Penthyr                   | 5                              | 10                 | 78               | 4                | -                    | -                    | 97   |       |
| <b>NORTHERN ISLANDS</b>   | 22                             | 23                 | 297              | 29               | -                    | -                    | 371  |       |
| <b>COOK ISLANDS</b>       | 475                            | 560                | 1567             | 405              | 105                  | 58                   | 3170 |       |

Table 2: Number of Holdings by Location of Household and Level of Agricultural Activity

| Location of Household     | Level of Agricultural Activity |                  |                      |                      | Total       |
|---------------------------|--------------------------------|------------------|----------------------|----------------------|-------------|
|                           | Subsistence Only               | Subsistence/Cash | Commercial Part-Time | Commercial Full-Time |             |
| Pue-Matavera              | 69                             | 4                | 3                    | 3                    | 79          |
| Tupapa-Maraerenga         | 47                             | 6                | -                    | 2                    | 55          |
| Takuvaine-Parekura        | 71                             | 2                | 3                    | -                    | 76          |
| Tutakimoa-Teotue          | 24                             | -                | 1                    | -                    | 25          |
| Avatiu-Ruatonga           | 89                             | 13               | 2                    | 1                    | 105         |
| Nikao-Panama              | 74                             | 8                | 4                    | 2                    | 88          |
| Ruaau-Arorangi            | 66                             | 13               | 5                    | 6                    | 90          |
| Murienua-Arorangi         | 127                            | 26               | 11                   | 6                    | 170         |
| Titikaveka                | 72                             | 36               | 13                   | 13                   | 134         |
| Ngatangia                 | 42                             | 14               | 8                    | 5                    | 69          |
| Matavera                  | 42                             | 16               | 7                    | 8                    | 73          |
| <b>RAROTONGA</b>          | <b>723</b>                     | <b>138</b>       | <b>57</b>            | <b>46</b>            | <b>964</b>  |
| Aitutaki                  | 205                            | 163              | 21                   | 5                    | 394         |
| Mangata                   | 138                            | 49               | 14                   | 4                    | 205         |
| Atiu                      | 120                            | 31               | 7                    | -                    | 158         |
| Mauke                     | 59                             | 20               | 13                   | 5                    | 97          |
| Mitiaro                   | 44                             | -                | -                    | -                    | 44          |
| <b>OTHER SOUTHERN IS.</b> | <b>566</b>                     | <b>263</b>       | <b>55</b>            | <b>14</b>            | <b>898</b>  |
| Palmerston                | 9                              | -                | -                    | -                    | 9           |
| Pukapuka                  | 99                             | -                | -                    | -                    | 99          |
| Nassau                    | 18                             | -                | -                    | -                    | 18          |
| Manihiki                  | 75                             | 2                | -                    | -                    | 77          |
| Rakahanga                 | 18                             | 23               | -                    | -                    | 41          |
| Penrhyn                   | 78                             | 4                | -                    | -                    | 82          |
| <b>NORTHERN ISLANDS</b>   | <b>297</b>                     | <b>29</b>        | <b>-</b>             | <b>-</b>             | <b>326</b>  |
| <b>COOK ISLANDS</b>       | <b>1586</b>                    | <b>430</b>       | <b>112</b>           | <b>60</b>            | <b>2188</b> |

Note: Holdings for Non-agricultural and Minor Agricultural Activities do not exist.

Table 3: Number of Parcels by Location of Household and Level of Agricultural Activity

| Location of Household     | Level of Agricultural Activity |                  |                      |                      | Total       |
|---------------------------|--------------------------------|------------------|----------------------|----------------------|-------------|
|                           | Subsistence Only               | Subsistence/Cash | Commercial Part-Time | Commercial Full-Time |             |
| Pue-Matavera              | 134                            | 12               | 9                    | 19                   | 174         |
| Tupapa-Maraerenga         | 123                            | 19               | -                    | 20                   | 162         |
| Takuvaine-Parekura        | 120                            | 7                | 14                   | -                    | 141         |
| Tutakimoa-Teotue          | 35                             | -                | 4                    | -                    | 39          |
| Avatiu-Ruatonga           | 172                            | 31               | 5                    | 4                    | 212         |
| Nikao-Panama              | 133                            | 28               | 10                   | 9                    | 180         |
| Ruaau-Arorangi            | 161                            | 50               | 24                   | 21                   | 256         |
| Murienua-Arorangi         | 254                            | 78               | 43                   | 27                   | 402         |
| Titikaveka                | 153                            | 127              | 46                   | 101                  | 427         |
| Ngatangia                 | 99                             | 47               | 44                   | 39                   | 229         |
| Hatavera                  | 94                             | 52               | 33                   | 33                   | 212         |
| <b>RAROTONGA</b>          | <b>1478</b>                    | <b>451</b>       | <b>232</b>           | <b>273</b>           | <b>2434</b> |
| Aitutaki                  | 583                            | 730              | 100                  | 21                   | 1434        |
| Mangaia                   | 576                            | 243              | 82                   | 24                   | 925         |
| Atiu                      | 409                            | 141              | 49                   | -                    | 599         |
| Mauke                     | 230                            | 86               | 65                   | 24                   | 405         |
| Mitiaro                   | 101                            | -                | -                    | -                    | 101         |
| <b>OTHER SOUTHERN IS.</b> | <b>1899</b>                    | <b>1200</b>      | <b>296</b>           | <b>69</b>            | <b>3464</b> |
| Palmerston                | 9                              | -                | -                    | -                    | 9           |
| Pukapuka                  | 197                            | -                | -                    | -                    | 197         |
| Nassau                    | 18                             | -                | -                    | -                    | 18          |
| Manihiki                  | 77                             | 3                | -                    | -                    | 80          |
| Rakahanga                 | 27                             | 60               | -                    | -                    | 87          |
| Penrhyn                   | 100                            | 10               | -                    | -                    | 110         |
| <b>NORTHERN ISLANDS</b>   | <b>428</b>                     | <b>73</b>        | <b>-</b>             | <b>-</b>             | <b>501</b>  |
| <b>COOK ISLANDS</b>       | <b>3805</b>                    | <b>1724</b>      | <b>528</b>           | <b>342</b>           | <b>6399</b> |

Note: Parcels for Non-agricultural and Minor Agricultural Activities do not exist.

Table 4: Number of Holdings, Parcels, Parcels In Use and Fallow by Location of Household

| Location of Household     | Number of Holdings | Number of Parcels |             |             |
|---------------------------|--------------------|-------------------|-------------|-------------|
|                           |                    | Total             | In Use      | Fallow      |
| Pue-Matavera              | 79                 | 174               | 142         | 32          |
| Tupapa-Maraerenga         | 55                 | 162               | 129         | 33          |
| Takuvaine-Parekura        | 76                 | 141               | 116         | 25          |
| Tutakimoa-Teotue          | 25                 | 39                | 32          | 7           |
| Avatiu-Ruatonga           | 105                | 212               | 184         | 28          |
| Nikao-Panama              | 88                 | 180               | 159         | 21          |
| Ruaau-Arurangi            | 90                 | 256               | 225         | 31          |
| Murienua-Arurangi         | 170                | 402               | 331         | 71          |
| Titikaveka                | 134                | 427               | 348         | 79          |
| Ngatangiaa                | 69                 | 229               | 190         | 39          |
| Matavera                  | 73                 | 212               | 173         | 39          |
| <b>RAROTONGA</b>          | <b>964</b>         | <b>2434</b>       | <b>2029</b> | <b>405</b>  |
| Aitutaki                  | 394                | 1434              | 1142        | 292         |
| Mangaia                   | 205                | 925               | 629         | 296         |
| Atiu                      | 158                | 599               | 412         | 187         |
| Mauke                     | 97                 | 405               | 318         | 87          |
| Mitiaro                   | 44                 | 101               | 98          | 3           |
| <b>OTHER SOUTHERN IS.</b> | <b>898</b>         | <b>3464</b>       | <b>2599</b> | <b>865</b>  |
| Palmerston                | 9                  | 9                 | 9           | —           |
| Pukapuka                  | 99                 | 197               | 170         | 27          |
| Nassau                    | 18                 | 18                | 18          | —           |
| Manihiki                  | 77                 | 80                | 80          | —           |
| Rakahanga                 | 41                 | 87                | 87          | —           |
| Penrhyn                   | 82                 | 110               | 109         | 1           |
| <b>NORTHERN ISLANDS</b>   | <b>326</b>         | <b>501</b>        | <b>473</b>  | <b>28</b>   |
| <b>COOK ISLANDS</b>       | <b>2188</b>        | <b>6399</b>       | <b>5101</b> | <b>1298</b> |

Table 5: Land Not In Use that the Household has Tenure of -  
 Number of Parcels by Location of Land and Land Tenure

| Location of Land          | Land Tenure |                     |                      |                                  |                             | Total       |
|---------------------------|-------------|---------------------|----------------------|----------------------------------|-----------------------------|-------------|
|                           | Customary   | Freehold-<br>Leased | Freehold-<br>License | Freehold-<br>Occupation<br>Right | Long<br>Occupation<br>Right |             |
| Pue-Matavera              | 4           | 4                   | 8                    | 17                               | 5                           | 38          |
| Tupapa-Maraerenga         | 5           | 4                   | 4                    | 13                               | 4                           | 30          |
| Takuvaine-Parekura        | 5           | -                   | 5                    | 7                                | 3                           | 20          |
| Tutakimoa-Teotue          | -           | 1                   | -                    | -                                | -                           | 1           |
| Avatiu-Ruatonga           | 4           | 3                   | 13                   | 12                               | 2                           | 34          |
| Nikao-Panama              | 10          | 6                   | 11                   | 15                               | 2                           | 44          |
| Ruaau-Arorangi            | 7           | -                   | 9                    | 11                               | -                           | 27          |
| Murienua-Arorangi         | 14          | 1                   | 4                    | 15                               | -                           | 34          |
| Titikaveka                | 7           | 6                   | 8                    | 11                               | 2                           | 34          |
| Ngatangia                 | 3           | -                   | 12                   | 18                               | 6                           | 39          |
| Matavera                  | 7           | 3                   | 5                    | 8                                | 1                           | 24          |
| <b>RAROTONGA</b>          | <b>66</b>   | <b>28</b>           | <b>79</b>            | <b>127</b>                       | <b>25</b>                   | <b>325</b>  |
| Aitutaki                  | 193         | 1                   | -                    | 7                                | 1                           | 202         |
| Mangaia                   | 317         | -                   | -                    | 2                                | -                           | 319         |
| Atiu                      | -           | -                   | 5                    | 41                               | -                           | 46          |
| Mauke                     | -           | -                   | 1                    | 119                              | -                           | 120         |
| Mitiaro                   | 17          | -                   | -                    | -                                | -                           | 17          |
| <b>OTHER SOUTHERN IS.</b> | <b>527</b>  | <b>1</b>            | <b>6</b>             | <b>169</b>                       | <b>1</b>                    | <b>704</b>  |
| Palmerston                | -           | -                   | -                    | -                                | -                           | -           |
| Pukapuka                  | 13          | -                   | -                    | -                                | -                           | 13          |
| Nassau                    | -           | -                   | -                    | -                                | -                           | -           |
| Manihiki                  | -           | -                   | -                    | -                                | -                           | -           |
| Rakahanga                 | 14          | -                   | -                    | -                                | -                           | 14          |
| Penrhyn                   | -           | -                   | -                    | -                                | -                           | -           |
| <b>NORTHERN ISLANDS</b>   | <b>27</b>   | <b>-</b>            | <b>-</b>             | <b>-</b>                         | <b>-</b>                    | <b>27</b>   |
| <b>COOK ISLANDS</b>       | <b>620</b>  | <b>29</b>           | <b>85</b>            | <b>296</b>                       | <b>26</b>                   | <b>1056</b> |

Note: No Land under Crown or European Tenure was recorded

Table 6: Land Not In Use that the Household has Tenure of - Number of Parcels  
by Location of Land and Number of Continuous Years Unused

| Location of Land          | Number of Continuous Years Unused |           |           |           |           |           |   |            |             |    | 10 & over | Total |
|---------------------------|-----------------------------------|-----------|-----------|-----------|-----------|-----------|---|------------|-------------|----|-----------|-------|
|                           | 1                                 | 2         | 3         | 4         | 5         | 6-9       |   |            |             |    |           |       |
| Pue-Matavera              | 11                                | 7         | 3         | 1         | 1         | -         | - | 15         | 38          |    |           |       |
| Tupapa-Maraerenga         | 5                                 | 3         | -         | 3         | 2         | 5         | - | 12         | 30          |    |           |       |
| Takuvaine-Parekura        | 3                                 | 5         | 2         | 2         | 2         | 1         | - | 5          | 20          |    |           |       |
| Tutakimoa-Teotue          | -                                 | -         | -         | -         | -         | 1         | - | -          | 1           |    |           |       |
| Avatiu-Ruatonga           | 8                                 | 2         | 3         | -         | 6         | 3         | - | 12         | 34          |    |           |       |
| Nikao-Panama              | 5                                 | 9         | 8         | 3         | 8         | 4         | - | 7          | 44          |    |           |       |
| Ruaau-Arorangi            | 2                                 | 3         | 3         | 2         | 6         | 3         | - | 4          | 27          |    |           |       |
| Murienua-Arorangi         | 9                                 | 5         | 4         | 3         | 2         | 2         | - | 9          | 34          |    |           |       |
| Titikaveka                | 5                                 | 5         | 6         | 3         | 4         | 6         | - | 5          | 34          |    |           |       |
| Ngatangia                 | 1                                 | 5         | 2         | 4         | 5         | 1         | - | 21         | 39          |    |           |       |
| Matavera                  | 2                                 | 2         | 3         | 4         | 1         | 1         | - | 11         | 24          |    |           |       |
| <b>RAROTONGA</b>          | <b>51</b>                         | <b>46</b> | <b>34</b> | <b>25</b> | <b>37</b> | <b>27</b> |   | <b>105</b> | <b>325</b>  |    |           |       |
| Aitutaki                  | -                                 | 1         | 2         | 2         | 1         | 2         | - | 194        | 202         |    |           |       |
| Mangaia                   | -                                 | -         | -         | -         | 2         | -         | - | 317        | 319         |    |           |       |
| Atiu                      | 2                                 | -         | 3         | -         | 4         | 5         | - | 32         | 46          |    |           |       |
| Mauke                     | 2                                 | 5         | 1         | 5         | 12        | 5         | - | 90         | 120         |    |           |       |
| Hitiaro                   | -                                 | 2         | 1         | -         | -         | -         | - | 14         | 17          |    |           |       |
| <b>OTHER SOUTHERN IS.</b> | <b>4</b>                          | <b>8</b>  | <b>7</b>  | <b>7</b>  | <b>19</b> | <b>12</b> |   | <b>647</b> | <b>704</b>  |    |           |       |
| Palmerston                | -                                 | -         | -         | -         | -         | -         | - | -          | -           |    |           |       |
| Pukapuka                  | -                                 | -         | -         | -         | -         | -         | - | -          | 13          | 13 |           |       |
| Nassau                    | -                                 | -         | -         | -         | -         | -         | - | -          | -           |    |           |       |
| Manihiki                  | -                                 | -         | -         | -         | -         | -         | - | -          | -           |    |           |       |
| Rakahanga                 | -                                 | 1         | -         | -         | -         | 3         | - | 10         | 14          |    |           |       |
| Penrhyn                   | -                                 | -         | -         | -         | -         | -         | - | -          | -           |    |           |       |
| <b>NORTHERN ISLANDS</b>   | <b>-</b>                          | <b>1</b>  | <b>-</b>  | <b>-</b>  | <b>-</b>  | <b>3</b>  |   | <b>23</b>  | <b>27</b>   |    |           |       |
| <b>COOK ISLANDS</b>       | <b>55</b>                         | <b>55</b> | <b>41</b> | <b>32</b> | <b>56</b> | <b>42</b> |   | <b>775</b> | <b>1056</b> |    |           |       |

**Table 7: Land Not In Use that the Household has Tenure of - Area (acres) of  
Parcels by Location of Land and Number of Continuous Years Unused**

| Location of Land          | Number of Continuous Years Unused |      |      |      |      |      |              |        |  |  | Total |
|---------------------------|-----------------------------------|------|------|------|------|------|--------------|--------|--|--|-------|
|                           | 1                                 | 2    | 3    | 4    | 5    | 6-9  | 10 &<br>over |        |  |  |       |
| <b>RAKOTONGA</b>          | 35.5                              | 36.8 | 68.5 | 38.8 | 44.9 | 33.4 | 243.7        | 501.5  |  |  |       |
| Aitutaki                  | -                                 | 1.0  | 2.3  | 1.0  | 2.5  | 1.0  | 611.6        | 619.3  |  |  |       |
| Mangata                   | -                                 | -    | -    | -    | 8.5  | -    | 638.6        | 647.1  |  |  |       |
| Atiu                      | .8                                | -    | 2.0  | -    | 2.0  | 6.3  | 41.6         | 52.6   |  |  |       |
| Mauke                     | 2.3                               | 6.8  | 5.0  | 15.3 | 19.8 | 20.5 | 226.8        | 296.3  |  |  |       |
| Mitiaro                   | -                                 | 1.5  | 2.5  | -    | -    | -    | 26.8         | 30.8   |  |  |       |
| <b>OTHER SOUTHERN IS.</b> | 3.0                               | 9.3  | 11.8 | 16.3 | 32.8 | 27.8 | 1545.4       | 1646.1 |  |  |       |
| Palmerston                | -                                 | -    | -    | -    | -    | -    | -            | -      |  |  |       |
| Pukapuka                  | -                                 | -    | -    | -    | -    | -    | 15.0         | 15.0   |  |  |       |
| Nassau                    | -                                 | -    | -    | -    | -    | -    | -            | -      |  |  |       |
| Manihiki                  | -                                 | -    | -    | -    | -    | -    | -            | -      |  |  |       |
| Rakahanga                 | -                                 | .5   | -    | -    | -    | 1.5  | 3.3          | 5.3    |  |  |       |
| Penthyh                   | -                                 | -    | -    | -    | -    | -    | -            | -      |  |  |       |
| <b>NORTHERN ISLANDS</b>   | -                                 | .5   | -    | -    | -    | 1.5  | 18.3         | 20.3   |  |  |       |
| <b>COOK ISLANDS</b>       | 38.5                              | 46.5 | 80.3 | 55.0 | 77.6 | 62.6 | 1807.3       | 2167.9 |  |  |       |

Table 8: Land Not In Use that the Household is Looking After  
for Persons Living Overseas - Number of Parcels  
by Location of Land and Number of Continuous Years Unused

| Location of Land          | Number of Continuous Years Unused |           |           |          |           |           |           |            |           |     | 10 &<br>over | Total |
|---------------------------|-----------------------------------|-----------|-----------|----------|-----------|-----------|-----------|------------|-----------|-----|--------------|-------|
|                           | 1                                 | 2         | 3         | 4        | 5         | 6-9       | 10        | 10         | 51        | 123 |              |       |
| Pue-Matavera              | 2                                 | -         | -         | -        | -         | -         | -         | -          | -         | -   | 3            | 5     |
| Tupapa-Maraerenga         | 1                                 | -         | 2         | 1        | -         | -         | -         | -          | -         | -   | 2            | 6     |
| Takuvaine-Parekura        | 1                                 | -         | -         | -        | -         | -         | -         | -          | -         | -   | 3            | 6     |
| Tutakimoa-Teotue          | -                                 | -         | 1         | -        | -         | -         | -         | -          | -         | -   | -            | 1     |
| Avatiu-Ruatonga           | 1                                 | -         | 1         | -        | -         | -         | -         | -          | -         | -   | 2            | 9     |
| Nikao-Panama              | 4                                 | 1         | 2         | -        | 4         | 1         | 1         | 1          | 1         | 2   | 2            | 11    |
| Ruaau-Arorangi            | 1                                 | 1         | 2         | -        | 1         | 1         | -         | -          | -         | 3   | 3            | 8     |
| Murienua-Arorangi         | 3                                 | 3         | 2         | -        | 3         | 1         | 1         | 3          | 1         | 2   | 2            | 14    |
| Titikaveka                | 2                                 | 2         | 1         | -        | -         | -         | -         | -          | -         | 3   | 3            | 11    |
| Ngatangia                 | 2                                 | 1         | 1         | -        | 1         | 1         | -         | -          | -         | 3   | 3            | 9     |
| Matavera                  | 3                                 | -         | -         | 2        | -         | -         | -         | -          | -         | 1   | 1            | 6     |
| <b>RAROTONGA</b>          | <b>20</b>                         | <b>8</b>  | <b>12</b> | <b>4</b> | <b>10</b> | <b>8</b>  | <b>8</b>  | <b>24</b>  | <b>86</b> |     |              |       |
| Aitutaki                  | -                                 | 2         | -         | -        | -         | -         | -         | 6          | 8         |     |              |       |
| Mangaia                   | -                                 | -         | 1         | 1        | -         | -         | 1         | 18         | 21        |     |              |       |
| Atiu                      | -                                 | -         | -         | -        | -         | -         | 2         | 1          | 3         |     |              |       |
| Mauke                     | -                                 | -         | -         | -        | -         | 1         | 1         | 2          | 4         |     |              |       |
| Mitiaro                   | -                                 | -         | -         | -        | -         | -         | -         | -          | -         |     |              |       |
| <b>OTHER SOUTHERN IS.</b> | <b>-</b>                          | <b>2</b>  | <b>1</b>  | <b>1</b> | <b>3</b>  | <b>2</b>  | <b>27</b> | <b>36</b>  |           |     |              |       |
| Palmerston                | -                                 | -         | -         | -        | -         | -         | -         | -          | -         |     |              |       |
| Pukapuka                  | -                                 | -         | -         | -        | -         | -         | -         | -          | -         |     |              |       |
| Nassau                    | -                                 | -         | -         | -        | -         | -         | -         | -          | -         |     |              |       |
| Hanihiki                  | -                                 | -         | -         | -        | -         | -         | -         | -          | -         |     |              |       |
| Rakahanga                 | -                                 | -         | -         | -        | 1         | -         | -         | -          | 1         |     |              |       |
| Penrhyn                   | -                                 | -         | -         | -        | -         | -         | -         | -          | -         |     |              |       |
| <b>NORTHERN ISLANDS</b>   | <b>-</b>                          | <b>-</b>  | <b>-</b>  | <b>-</b> | <b>1</b>  | <b>-</b>  | <b>-</b>  | <b>-</b>   | <b>1</b>  |     |              |       |
| <b>COOK ISLANDS</b>       | <b>20</b>                         | <b>10</b> | <b>13</b> | <b>5</b> | <b>14</b> | <b>10</b> | <b>51</b> | <b>123</b> |           |     |              |       |

Table 9: Land Not In Use that the Household is Looking After  
for Persons Living Overseas - Area (acres) of Parcels  
by Location of Land and Number of Continuous Years Unused

| Location of Land          | Number of Continuous Years Unused |            |             |             |             |            |           | 10 & over    | Total        |
|---------------------------|-----------------------------------|------------|-------------|-------------|-------------|------------|-----------|--------------|--------------|
|                           | 1                                 | 2          | 3           | 4           | 5           | 6-9        | 10 & over |              |              |
| Pue-Matavera              | .5                                | -          | -           | -           | -           | -          | -         | 2.8          | 3.3          |
| Tupapa-Maraerenga         | 1.0                               | -          | 8.3         | .3          | -           | -          | -         | 1.5          | 11.0         |
| Takuvaine-Parekura        | .1                                | -          | -           | -           | -           | 2.3        | -         | 46.3         | 48.6         |
| Tutakimoa-Teotue          | -                                 | -          | .3          | -           | -           | -          | -         | -            | .3           |
| Avatiu-Ruatonga           | .5                                | -          | .3          | -           | 8.3         | .5         | -         | 3.0          | 12.5         |
| Nikao-Panama              | 5.0                               | .3         | 1.3         | -           | .5          | .3         | -         | 1.5          | 8.8          |
| Ruaau-Arorangi            | .5                                | .3         | 1.0         | -           | .5          | -          | -         | .8           | 3.0          |
| Murienua-Arorangi         | 1.5                               | 1.5        | 1.3         | -           | 4.3         | .3         | -         | 3.3          | 12.0         |
| Titikaveka                | .4                                | 2.3        | .3          | -           | -           | 1.6        | -         | 11.3         | 15.8         |
| Ngatangia                 | 6.5                               | .3         | .3          | .5          | .3          | -          | -         | 9.3          | 17.0         |
| Matavera                  | .7                                | -          | -           | 22.0        | -           | -          | -         | 1.0          | 23.7         |
| <b>RAROTONGA</b>          | <b>16.8</b>                       | <b>4.5</b> | <b>12.8</b> | <b>22.8</b> | <b>13.8</b> | <b>4.9</b> | <b>-</b>  | <b>80.5</b>  | <b>155.9</b> |
| Aitutaki                  | -                                 | 1.3        | -           | -           | -           | -          | -         | 4.6          | 5.9          |
| Mangala                   | -                                 | -          | .3          | 2.0         | -           | 1.5        | -         | 40.6         | 44.4         |
| Atiu                      | -                                 | -          | -           | -           | 4.3         | -          | -         | .5           | 4.8          |
| Mauke                     | -                                 | -          | -           | -           | 1.0         | 1.5        | -         | 1.3          | 3.8          |
| Mitiaro                   | -                                 | -          | -           | -           | -           | -          | -         | -            | -            |
| <b>OTHER SOUTHERN IS.</b> | <b>-</b>                          | <b>1.3</b> | <b>.3</b>   | <b>2.0</b>  | <b>5.3</b>  | <b>3.0</b> | <b>-</b>  | <b>47.0</b>  | <b>58.8</b>  |
| Palmerston                | -                                 | -          | -           | -           | -           | -          | -         | -            | -            |
| Pukapuka                  | -                                 | -          | -           | -           | -           | -          | -         | -            | -            |
| Nassau                    | -                                 | -          | -           | -           | -           | -          | -         | -            | -            |
| Manihiki                  | -                                 | -          | -           | -           | -           | -          | -         | -            | -            |
| Rakahanga                 | -                                 | -          | -           | -           | .5          | -          | -         | -            | .5           |
| Penrhyn                   | -                                 | -          | -           | -           | -           | -          | -         | -            | -            |
| <b>NORTHERN ISLANDS</b>   | <b>-</b>                          | <b>-</b>   | <b>-</b>    | <b>-</b>    | <b>.5</b>   | <b>-</b>   | <b>-</b>  | <b>-</b>     | <b>.5</b>    |
| <b>COOK ISLANDS</b>       | <b>16.8</b>                       | <b>5.7</b> | <b>13.0</b> | <b>24.8</b> | <b>19.5</b> | <b>7.9</b> | <b>-</b>  | <b>127.5</b> | <b>215.2</b> |

Table 10: Total Number of Households Enumerated, Number of Households Keeping Livestock of Any Type and Number of Households Not Keeping Livestock of Any Type by Location of Household

| Location of Household     | Total Number of Households | Number of Households |                       |
|---------------------------|----------------------------|----------------------|-----------------------|
|                           |                            | Keeping Livestock    | Not Keeping Livestock |
| Pue-Matavera              | 171                        | 96                   | 75                    |
| Tupapa-Maraerenga         | 105                        | 59                   | 46                    |
| Takuvaine-Parekura        | 149                        | 99                   | 50                    |
| Tutakimoa-Teotue          | 83                         | 37                   | 46                    |
| Avatiu-Ruatonga           | 190                        | 136                  | 54                    |
| Nikao-Panama              | 228                        | 125                  | 103                   |
| Ruaau-Arorangi            | 175                        | 115                  | 60                    |
| Murienua-Arorangi         | 259                        | 165                  | 94                    |
| Titikaveka                | 232                        | 133                  | 99                    |
| Ngatangia                 | 126                        | 84                   | 42                    |
| Matavera                  | 113                        | 82                   | 31                    |
| <b>RAROTONGA</b>          | <b>1831</b>                | <b>1131</b>          | <b>700</b>            |
| Aitutaki                  | 410                        | 333                  | 77                    |
| Mangaia                   | 222                        | 207                  | 15                    |
| Atiu                      | 172                        | 155                  | 17                    |
| Mauke                     | 114                        | 105                  | 9                     |
| Mitiaro                   | 50                         | 48                   | 2                     |
| <b>OTHER SOUTHERN IS.</b> | <b>968</b>                 | <b>848</b>           | <b>120</b>            |
| Palmerston                | 9                          | 9                    | 0                     |
| Pukapuka                  | 116                        | 109                  | 7                     |
| Nassau                    | 18                         | 17                   | 1                     |
| Manihiki                  | 82                         | 73                   | 9                     |
| Rakahanga                 | 49                         | 43                   | 6                     |
| Penrhyn                   | 97                         | 75                   | 22                    |
| <b>NORTHERN ISLANDS</b>   | <b>371</b>                 | <b>326</b>           | <b>45</b>             |
| <b>COOK ISLANDS</b>       | <b>3170</b>                | <b>2305</b>          | <b>865</b>            |

Table 11: Number of Households Keeping Livestock by Type of Livestock and Location of Household

| Location of Household     | Type of Livestock |             |           |           |             |            |            |            |           |  |
|---------------------------|-------------------|-------------|-----------|-----------|-------------|------------|------------|------------|-----------|--|
|                           | Pig               | Sow         | Cattle    | Cow       | Chicken     | Goat       | Doe        | Horse      | Mare      |  |
| Pue-Matavera              | 87                | 78          | 4         | 2         | 38          | 30         | 23         | 5          | 1         |  |
| Tupapa-Maraerenga         | 58                | 50          | 2         | 2         | 17          | 17         | 12         | 3          | 1         |  |
| Takuvaine-Parekura        | 85                | 71          | -         | -         | 51          | 22         | 15         | 6          | 4         |  |
| Tutakimoa-Teotue          | 30                | 22          | -         | -         | 16          | 3          | 2          | -          | -         |  |
| Avatiu-Ruatonga           | 128               | 108         | 6         | 5         | 83          | 39         | 30         | 10         | 7         |  |
| Nikao-Panama              | 121               | 101         | 4         | 3         | 37          | 28         | 25         | 6          | 2         |  |
| Ruaau-Arorangi            | 108               | 93          | 10        | 8         | 49          | 49         | 39         | 20         | 7         |  |
| Murienua-Arorangi         | 151               | 115         | 7         | 5         | 58          | 58         | 45         | 40         | 20        |  |
| Titikaveka                | 118               | 105         | 17        | 14        | 24          | 45         | 38         | 27         | 12        |  |
| Ngatangia                 | 81                | 77          | 7         | 6         | 31          | 36         | 32         | 18         | 10        |  |
| Matavera                  | 76                | 72          | 7         | 7         | 43          | 31         | 28         | 13         | 4         |  |
| <b>RAROTONGA</b>          | <b>1043</b>       | <b>892</b>  | <b>64</b> | <b>52</b> | <b>447</b>  | <b>358</b> | <b>289</b> | <b>148</b> | <b>68</b> |  |
| Aitutaki                  | 258               | 214         | 10        | 9         | 244         | 157        | 133        | 30         | 10        |  |
| Mangaia                   | 190               | 163         | 1         | 1         | 172         | 107        | 76         | 34         | 12        |  |
| Atiu                      | 147               | 135         | 2         | 2         | 136         | 106        | 100        | 3          | 2         |  |
| Mauke                     | 92                | 85          | 9         | 8         | 99          | 67         | 66         | 11         | 7         |  |
| Mitiaro                   | 43                | 40          | -         | -         | 44          | 18         | 12         | -          | -         |  |
| <b>OTHER SOUTHERN IS.</b> | <b>730</b>        | <b>637</b>  | <b>22</b> | <b>20</b> | <b>695</b>  | <b>455</b> | <b>387</b> | <b>78</b>  | <b>31</b> |  |
| Palmerston                | 9                 | 9           | -         | -         | 8           | -          | -          | -          | -         |  |
| Pukapuka                  | 93                | 75          | -         | -         | 107         | -          | -          | -          | -         |  |
| Nassau                    | 17                | 14          | -         | -         | 17          | -          | -          | -          | -         |  |
| Manihiki                  | 66                | 58          | -         | -         | 59          | -          | -          | -          | -         |  |
| Rakahanga                 | 41                | 38          | -         | -         | 17          | -          | -          | -          | -         |  |
| Penthyh                   | 74                | 47          | -         | -         | 41          | -          | -          | -          | -         |  |
| <b>NORTHERN ISLANDS</b>   | <b>300</b>        | <b>241</b>  | <b>-</b>  | <b>-</b>  | <b>249</b>  | <b>-</b>   | <b>-</b>   | <b>-</b>   | <b>-</b>  |  |
| <b>COOK ISLANDS</b>       | <b>2073</b>       | <b>1770</b> | <b>86</b> | <b>72</b> | <b>1391</b> | <b>813</b> | <b>676</b> | <b>226</b> | <b>99</b> |  |

Table 11A: Number of Livestock by Type of Livestock and Location of Household

| Location of Household     | Type of Livestock |             |            |            |              |             |             |            |            |  |  |
|---------------------------|-------------------|-------------|------------|------------|--------------|-------------|-------------|------------|------------|--|--|
|                           | Pig               | Sow         | Cattle     | Cow        | Chicken      | Goat        | Doe         | Horse      | Mare       |  |  |
| Pue-Matavera              | 579               | 153         | 10         | 4          | 895          | 116         | 66          | 6          | 1          |  |  |
| Tupapa-Maraerenga         | 434               | 102         | 4          | 3          | 429          | 61          | 23          | 3          | 1          |  |  |
| Takuvaine-Parekura        | 439               | 118         | -          | -          | 1470         | 99          | 35          | 9          | 4          |  |  |
| Tutakimoa-Teotue          | 132               | 34          | -          | -          | 412          | 8           | 5           | -          | -          |  |  |
| Avatiu-Ruatonga           | 801               | 222         | 33         | 18         | 2807         | 220         | 115         | 15         | 8          |  |  |
| Nikao-Panama              | 753               | 239         | 6          | 3          | 1162         | 163         | 75          | 6          | 2          |  |  |
| Ruaau-Arorangi            | 1035              | 307         | 31         | 22         | 1336         | 255         | 135         | 32         | 9          |  |  |
| Murienua-Arorangi         | 942               | 246         | 11         | 6          | 1629         | 282         | 134         | 66         | 31         |  |  |
| Titikaveka                | 1057              | 234         | 43         | 24         | 646          | 333         | 126         | 43         | 13         |  |  |
| Ngatangia                 | 792               | 240         | 14         | 11         | 812          | 129         | 88          | 34         | 20         |  |  |
| Matavera                  | 563               | 153         | 13         | 9          | 1449         | 157         | 70          | 25         | 5          |  |  |
| <b>RAROTONGA</b>          | <b>7527</b>       | <b>2048</b> | <b>165</b> | <b>100</b> | <b>13047</b> | <b>1823</b> | <b>872</b>  | <b>239</b> | <b>94</b>  |  |  |
| Aitutaki                  | 1634              | 482         | 52         | 21         | 9660         | 956         | 368         | 45         | 14         |  |  |
| Mangaia                   | 1740              | 444         | 1          | 1          | 4122         | 853         | 338         | 45         | 13         |  |  |
| Atiu                      | 2333              | 493         | 3          | 3          | 6116         | 1109        | 396         | 6          | 4          |  |  |
| Mauke                     | 920               | 197         | 25         | 13         | 3521         | 681         | 281         | 20         | 8          |  |  |
| Mitiaro                   | 342               | 75          | -          | -          | 1324         | 48          | 19          | -          | -          |  |  |
| <b>OTHER SOUTHERN IS.</b> | <b>6969</b>       | <b>1691</b> | <b>81</b>  | <b>38</b>  | <b>24743</b> | <b>3647</b> | <b>1402</b> | <b>116</b> | <b>39</b>  |  |  |
| Palmerston                | 66                | 33          | -          | -          | 482          | -           | -           | -          | -          |  |  |
| Pukapuka                  | 508               | 180         | -          | -          | 3317         | -           | -           | -          | -          |  |  |
| Nassau                    | 34                | 22          | -          | -          | 735          | -           | -           | -          | -          |  |  |
| Manihiki                  | 663               | 151         | -          | -          | 1650         | -           | -           | -          | -          |  |  |
| Rakahanga                 | 322               | 93          | -          | -          | 183          | -           | -           | -          | -          |  |  |
| Pentryn                   | 370               | 85          | -          | -          | 530          | -           | -           | -          | -          |  |  |
| <b>NORTHERN ISLANDS</b>   | <b>1963</b>       | <b>564</b>  | <b>-</b>   | <b>-</b>   | <b>6897</b>  | <b>-</b>    | <b>-</b>    | <b>-</b>   | <b>-</b>   |  |  |
| <b>COOK ISLANDS</b>       | <b>16459</b>      | <b>4303</b> | <b>246</b> | <b>138</b> | <b>44687</b> | <b>5470</b> | <b>2274</b> | <b>355</b> | <b>133</b> |  |  |

Table 12: Number of Households Keeping Pigs by Location of Household and Size of Pig Holding

| Location of Household     | Size of Pig Holding |            |            |            |           |           | 50 & over   | Total |
|---------------------------|---------------------|------------|------------|------------|-----------|-----------|-------------|-------|
|                           | 1-4                 | 5-9        | 10-19      | 20-29      | 30-49     | 50 & over |             |       |
| Pue-Matavera              | 46                  | 22         | 14         | 3          | 1         | 1         | 87          |       |
| Tupapa-Maraerenga         | 22                  | 22         | 10         | 2          | 2         | -         | 58          |       |
| Takuvaine-Parekura        | 51                  | 18         | 14         | 2          | -         | -         | 85          |       |
| Tutakimoa-Teotue          | 21                  | 6          | 2          | -          | 1         | -         | 30          |       |
| Avatiu-Ruatonga           | 80                  | 20         | 19         | 1          | 2         | -         | 128         |       |
| Nikao-Panama              | 70                  | 33         | 14         | 7          | 1         | 2         | 121         |       |
| Ruaau-Arorangi            | 42                  | 28         | 19         | 15         | 4         | -         | 108         |       |
| Murienua-Arorangi         | 90                  | 33         | 18         | 5          | 4         | 1         | 151         |       |
| Titikaveka                | 59                  | 29         | 18         | 6          | 5         | 1         | 118         |       |
| Ngatangia                 | 31                  | 18         | 25         | 4          | 1         | 2         | 81          |       |
| Matavera                  | 36                  | 24         | 9          | 4          | 2         | 1         | 76          |       |
| <b>RAROTONGA</b>          | <b>548</b>          | <b>253</b> | <b>162</b> | <b>49</b>  | <b>23</b> | <b>8</b>  | <b>1043</b> |       |
| Aitutaki                  | 134                 | 74         | 38         | 9          | 2         | 1         | 258         |       |
| Mangaia                   | 75                  | 47         | 50         | 10         | 6         | 2         | 190         |       |
| Atiu                      | 20                  | 31         | 52         | 27         | 9         | 8         | 147         |       |
| Hauke                     | 25                  | 37         | 16         | 8          | 6         | -         | 92          |       |
| Mitiaro                   | 8                   | 25         | 9          | -          | 1         | -         | 43          |       |
| <b>OTHER SOUTHERN IS.</b> | <b>262</b>          | <b>214</b> | <b>165</b> | <b>54</b>  | <b>24</b> | <b>11</b> | <b>730</b>  |       |
| Palmerston                | 2                   | 6          | -          | 1          | -         | -         | 9           |       |
| Pukapuka                  | 45                  | 34         | 14         | -          | -         | -         | 93          |       |
| Nassau                    | 15                  | 2          | -          | -          | -         | -         | 17          |       |
| Manihiki                  | 17                  | 17         | 29         | 1          | 2         | -         | 66          |       |
| Rakahanga                 | 16                  | 12         | 9          | 3          | 1         | -         | 41          |       |
| Penrhyn                   | 41                  | 27         | 4          | -          | 2         | -         | 74          |       |
| <b>NORTHERN ISLANDS</b>   | <b>136</b>          | <b>98</b>  | <b>56</b>  | <b>5</b>   | <b>5</b>  | <b>-</b>  | <b>300</b>  |       |
| <b>COOK ISLANDS</b>       | <b>946</b>          | <b>565</b> | <b>383</b> | <b>108</b> | <b>52</b> | <b>19</b> | <b>2073</b> |       |

Table 13: Number of Pigs by Location of Household and Size of Pig Holding

| Location of Household     | Size of Pig Holding |             |             |             |             |             | 50 & over    | Total |
|---------------------------|---------------------|-------------|-------------|-------------|-------------|-------------|--------------|-------|
|                           | 1-4                 | 5-9         | 10-19       | 20-29       | 30-49       | 50 & over   |              |       |
| Pue-Matavera              | 100                 | 145         | 180         | 69          | 35          | 50          | 579          |       |
| Tupapa-Maraerenga         | 40                  | 155         | 122         | 45          | 72          | -           | 434          |       |
| Takuvaine-Parekura        | 98                  | 115         | 185         | 41          | -           | -           | 439          |       |
| Tutakimoa-Teotue          | 31                  | 40          | 29          | -           | 32          | -           | 132          |       |
| Avatiu-Ruatonga           | 160                 | 145         | 264         | 157         | 75          | -           | 801          |       |
| Nikao-Panama              | 127                 | 210         | 193         | 26          | 32          | 165         | 753          |       |
| Ruaau-Arorangi            | 92                  | 193         | 246         | 333         | 171         | -           | 1035         |       |
| Murienua-Arorangi         | 181                 | 217         | 252         | 105         | 137         | 50          | 942          |       |
| Titikaveka                | 138                 | 195         | 263         | 143         | 186         | 132         | 1057         |       |
| Ngatangia                 | 67                  | 118         | 322         | 100         | 35          | 150         | 792          |       |
| Matavera                  | 60                  | 163         | 117         | 83          | 74          | 66          | 563          |       |
| <b>RAROTONGA</b>          | <b>1094</b>         | <b>1696</b> | <b>2173</b> | <b>1102</b> | <b>849</b>  | <b>613</b>  | <b>7527</b>  |       |
| Aitutaki                  | 300                 | 495         | 505         | 206         | 68          | 60          | 1634         |       |
| Mangaia                   | 160                 | 313         | 703         | 213         | 231         | 120         | 1740         |       |
| Atiu                      | 47                  | 206         | 692         | 593         | 356         | 439         | 2333         |       |
| Hauke                     | 58                  | 250         | 208         | 187         | 217         | -           | 920          |       |
| Mitiaro                   | 18                  | 177         | 117         | -           | 30          | -           | 342          |       |
| <b>OTHER SOUTHERN IS.</b> | <b>583</b>          | <b>1441</b> | <b>2225</b> | <b>1199</b> | <b>902</b>  | <b>619</b>  | <b>6969</b>  |       |
| Palmerston                | 7                   | 39          | -           | 20          | -           | -           | 66           |       |
| Pukapuka                  | 129                 | 205         | 174         | -           | -           | -           | 508          |       |
| Nassau                    | 23                  | 11          | -           | -           | -           | -           | 34           |       |
| Manihiki                  | 45                  | 108         | 406         | 29          | 75          | -           | 663          |       |
| Rakahanga                 | 38                  | 76          | 106         | 67          | 35          | -           | 322          |       |
| Penrhyn                   | 96                  | 163         | 47          | -           | 64          | -           | 370          |       |
| <b>NORTHERN ISLANDS</b>   | <b>338</b>          | <b>602</b>  | <b>733</b>  | <b>116</b>  | <b>174</b>  | <b>-</b>    | <b>1863</b>  |       |
| <b>COOK ISLANDS</b>       | <b>2015</b>         | <b>3739</b> | <b>5131</b> | <b>2417</b> | <b>1925</b> | <b>1232</b> | <b>16459</b> |       |

Table 14: Number of Households Keeping Cattle by Location of Household and Size of Cattle Holding

| Location of Household     | Size of Cattle Holding |           |           |          |           | Total     |
|---------------------------|------------------------|-----------|-----------|----------|-----------|-----------|
|                           | 1                      | 2         | 3         | 4        | 5 & over  |           |
| Pue-Matavera              | 2                      | -         | 1         | -        | 1         | 4         |
| Tupapa-Maraerenga         | 1                      | -         | 1         | -        | -         | 2         |
| Takuvaine-Parekura        | -                      | -         | -         | -        | -         | -         |
| Tutakimoa-Teotue          | -                      | -         | -         | -        | -         | -         |
| Avatiu-Ruatonga           | 1                      | -         | -         | 1        | 4         | 6         |
| Nikao-Panama              | 2                      | 2         | -         | -        | -         | 4         |
| Ruaau-Arorangi            | 3                      | 4         | 2         | -        | 1         | 10        |
| Murienua-Arorangi         | 4                      | 2         | 1         | -        | -         | 7         |
| Titikaveka                | 4                      | 4         | 6         | 2        | 1         | 17        |
| Ngatangia                 | 3                      | 1         | 3         | -        | -         | 7         |
| Matavera                  | 4                      | 2         | -         | -        | 1         | 7         |
| <b>RAROTONGA</b>          | <b>24</b>              | <b>15</b> | <b>14</b> | <b>3</b> | <b>8</b>  | <b>64</b> |
| Aitutaki                  | 4                      | 1         | 2         | 1        | 2         | 10        |
| Mangaia                   | 1                      | -         | -         | -        | -         | 1         |
| Atiu                      | 1                      | 1         | -         | -        | -         | 2         |
| Mauke                     | 1                      | 3         | 2         | 3        | -         | 9         |
| Mitiaro                   | -                      | -         | -         | -        | -         | -         |
| <b>OTHER SOUTHERN IS.</b> | <b>7</b>               | <b>5</b>  | <b>4</b>  | <b>4</b> | <b>2</b>  | <b>22</b> |
| Palmerston                | -                      | -         | -         | -        | -         | -         |
| Pukapuka                  | -                      | -         | -         | -        | -         | -         |
| Nassau                    | -                      | -         | -         | -        | -         | -         |
| Manihiki                  | -                      | -         | -         | -        | -         | -         |
| Rakahanga                 | -                      | -         | -         | -        | -         | -         |
| Penrhyn                   | -                      | -         | -         | -        | -         | -         |
| <b>NORTHERN ISLANDS</b>   | <b>-</b>               | <b>-</b>  | <b>-</b>  | <b>-</b> | <b>-</b>  | <b>-</b>  |
| <b>COOK ISLANDS</b>       | <b>31</b>              | <b>20</b> | <b>18</b> | <b>7</b> | <b>10</b> | <b>86</b> |

Table 15: Number of Cattle by Location of Household and Size of Cattle Holding

| Location of Household     | Size of Cattle Holding |           |           |           |           | Total      |
|---------------------------|------------------------|-----------|-----------|-----------|-----------|------------|
|                           | 1                      | 2         | 3         | 4         | 5 & over  |            |
| Pue-Matavera              | 2                      | -         | 3         | -         | 5         | 10         |
| Tupapa-Maraerenga         | 1                      | -         | 3         | -         | -         | 4          |
| Takuvaine-Parekura        | -                      | -         | -         | -         | -         | -          |
| Tutakimoa-Teotue          | -                      | -         | -         | -         | -         | -          |
| Avatiu-Ruatonga           | 1                      | -         | -         | 4         | 28        | 33         |
| Nikao-Panama              | 2                      | 4         | -         | -         | -         | 6          |
| Ruaau-Arorangi            | 3                      | 4         | 6         | -         | 14        | 31         |
| Murienua-Arorangi         | 4                      | 4         | 3         | -         | -         | 11         |
| Titikaveka                | 4                      | 8         | 18        | 8         | 5         | 43         |
| Ngatangia                 | 3                      | 2         | 9         | -         | -         | 14         |
| Matavera                  | 4                      | 4         | -         | -         | 5         | 13         |
| <b>RAROTONGA</b>          | <b>24</b>              | <b>30</b> | <b>42</b> | <b>12</b> | <b>57</b> | <b>165</b> |
| Aitutaki                  | 4                      | 2         | 6         | 4         | 36        | 52         |
| Mangaia                   | 1                      | -         | -         | -         | -         | 1          |
| Atiu                      | 1                      | 2         | -         | -         | -         | 3          |
| Mauke                     | 1                      | 6         | 6         | 12        | -         | 25         |
| Mitiaro                   | -                      | -         | -         | -         | -         | -          |
| <b>OTHER SOUTHERN IS.</b> | <b>7</b>               | <b>10</b> | <b>12</b> | <b>16</b> | <b>36</b> | <b>81</b>  |
| Palmerston                | -                      | -         | -         | -         | -         | -          |
| Pukapuka                  | -                      | -         | -         | -         | -         | -          |
| Nassau                    | -                      | -         | -         | -         | -         | -          |
| Manihiki                  | -                      | -         | -         | -         | -         | -          |
| Rakahanga                 | -                      | -         | -         | -         | -         | -          |
| Penrhyn                   | -                      | -         | -         | -         | -         | -          |
| <b>NORTHERN ISLANDS</b>   | <b>-</b>               | <b>-</b>  | <b>-</b>  | <b>-</b>  | <b>-</b>  | <b>-</b>   |
| <b>COOK ISLANDS</b>       | <b>31</b>              | <b>40</b> | <b>54</b> | <b>28</b> | <b>93</b> | <b>246</b> |

Table 16: Number of Households Keeping Chickens by Location of Household and Size of Chicken Holding

| Location of Household     | Size of Chicken Holding |            |            |            |            |            | 100 & over | Total       |
|---------------------------|-------------------------|------------|------------|------------|------------|------------|------------|-------------|
|                           | 1-4                     | 5-9        | 10-19      | 20-29      | 30-49      | 50-99      |            |             |
| Pue-Matavera              | 3                       | 1          | 13         | 9          | 7          | 4          | 1          | 38          |
| Tupapa-Maraerenga         | 1                       | 1          | 3          | 3          | 7          | 2          | -          | 17          |
| Takuvaine-Parekura        | 2                       | 5          | 15         | 6          | 11         | 9          | 3          | 51          |
| Tutakimoa-Teotue          | -                       | 1          | 4          | 8          | 1          | 1          | 1          | 16          |
| Avatiu-Ruatonga           | 2                       | 3          | 15         | 29         | 16         | 12         | 6          | 83          |
| Nikao-Panama              | 1                       | 3          | 12         | 7          | 4          | 6          | 4          | 37          |
| Ruaau-Arorangi            | 5                       | 1          | 10         | 14         | 9          | 8          | 2          | 49          |
| Murienua-Arorangi         | 4                       | 9          | 13         | 8          | 8          | 13         | 3          | 58          |
| Titikaveka                | 2                       | 1          | 8          | 8          | 2          | 2          | 1          | 24          |
| Ngatangia                 | 1                       | 3          | 7          | 9          | 6          | 3          | 2          | 31          |
| Matavera                  | 2                       | -          | 9          | 8          | 12         | 9          | 3          | 43          |
| <b>RAROTONGA</b>          | <b>23</b>               | <b>28</b>  | <b>109</b> | <b>109</b> | <b>83</b>  | <b>69</b>  | <b>26</b>  | <b>447</b>  |
| Aitutaki                  | 8                       | 13         | 46         | 49         | 56         | 45         | 27         | 244         |
| Mangaia                   | 13                      | 22         | 48         | 41         | 26         | 18         | 4          | 172         |
| Atiu                      | 2                       | 5          | 16         | 28         | 37         | 30         | 18         | 136         |
| Mauke                     | 1                       | 2          | 13         | 28         | 33         | 17         | 5          | 99          |
| Mitiaro                   | 4                       | 7          | 7          | 10         | 8          | 4          | 4          | 44          |
| <b>OTHER SOUTHERN IS.</b> | <b>28</b>               | <b>49</b>  | <b>130</b> | <b>156</b> | <b>160</b> | <b>114</b> | <b>58</b>  | <b>695</b>  |
| Palmerston                | -                       | -          | 1          | 1          | -          | 3          | 3          | 8           |
| Pukapuka                  | 3                       | 4          | 29         | 23         | 31         | 6          | 11         | 107         |
| Nassau                    | -                       | -          | 2          | 1          | 8          | 5          | 1          | 17          |
| Manihiki                  | 1                       | 3          | 19         | 16         | 9          | 9          | 2          | 59          |
| Rakahanga                 | 3                       | 6          | 5          | 2          | 1          | -          | -          | 17          |
| Penrhyn                   | 4                       | 12         | 15         | 6          | 3          | 1          | -          | 41          |
| <b>NORTHERN ISLANDS</b>   | <b>11</b>               | <b>25</b>  | <b>71</b>  | <b>49</b>  | <b>52</b>  | <b>24</b>  | <b>17</b>  | <b>249</b>  |
| <b>COOK ISLANDS</b>       | <b>62</b>               | <b>102</b> | <b>310</b> | <b>314</b> | <b>295</b> | <b>207</b> | <b>101</b> | <b>1391</b> |

Table 17: Number of Chickens by Location of Household and Size of Chicken Holding

| Location of Household     | Size of Chicken Holding |            |             |             |             |              | 100 & over   | Total        |
|---------------------------|-------------------------|------------|-------------|-------------|-------------|--------------|--------------|--------------|
|                           | 1-4                     | 5-9        | 10-19       | 20-29       | 30-49       | 50-99        |              |              |
| Pue-Matavera              | 7                       | 6          | 154         | 188         | 230         | 210          | 100          | 895          |
| Tupapa-Maraerenga         | 1                       | 9          | 39          | 60          | 210         | 110          | -            | 429          |
| Takuvaine-Parekura        | 3                       | 32         | 166         | 125         | 344         | 500          | 300          | 1470         |
| Tutakimoa-Teotue          | -                       | 5          | 52          | 166         | 30          | 59           | 100          | 412          |
| Avatiu-Ruatonga           | 8                       | 21         | 159         | 601         | 515         | 623          | 880          | 2807         |
| Nikao-Panama              | 3                       | 17         | 133         | 159         | 130         | 320          | 400          | 1162         |
| Ruaau-Arorangi            | 19                      | 6          | 122         | 290         | 299         | 400          | 200          | 1336         |
| Murienua-Arorangi         | 11                      | 53         | 160         | 170         | 270         | 665          | 300          | 1629         |
| Titikaveka                | 4                       | 7          | 108         | 167         | 60          | 100          | 200          | 646          |
| Ngatangia                 | 2                       | 19         | 79          | 180         | 180         | 152          | 200          | 812          |
| Matavera                  | 4                       | -          | 115         | 165         | 375         | 490          | 300          | 1449         |
| <b>RAROTONGA</b>          | <b>62</b>               | <b>175</b> | <b>1287</b> | <b>2271</b> | <b>2643</b> | <b>3629</b>  | <b>2980</b>  | <b>13047</b> |
| Aitutaki                  | 19                      | 80         | 540         | 1030        | 1875        | 2420         | 3696         | 9660         |
| Mangaia                   | 29                      | 136        | 561         | 848         | 871         | 977          | 700          | 4122         |
| Atiu                      | 5                       | 29         | 192         | 608         | 1237        | 1725         | 2320         | 6116         |
| Mauke                     | 3                       | 12         | 140         | 576         | 1100        | 1040         | 650          | 3521         |
| Mitiaro                   | 8                       | 41         | 94          | 211         | 260         | 210          | 500          | 1324         |
| <b>OTHER SOUTHERN IS.</b> | <b>64</b>               | <b>298</b> | <b>1527</b> | <b>3273</b> | <b>5343</b> | <b>6372</b>  | <b>7866</b>  | <b>24743</b> |
| Palmerston                | -                       | -          | 12          | 20          | -           | 150          | 300          | 482          |
| Pukapuka                  | 10                      | 24         | 364         | 479         | 1000        | 310          | 1130         | 3317         |
| Nassau                    | -                       | -          | 25          | 20          | 280         | 260          | 150          | 735          |
| Manihiki                  | 4                       | 22         | 216         | 359         | 309         | 526          | 214          | 1650         |
| Rakahanga                 | 10                      | 42         | 56          | 45          | 30          | -            | -            | 183          |
| Penrhyn                   | 12                      | 76         | 162         | 120         | 100         | 60           | -            | 530          |
| <b>NORTHERN ISLANDS</b>   | <b>36</b>               | <b>164</b> | <b>835</b>  | <b>1043</b> | <b>1719</b> | <b>1306</b>  | <b>1794</b>  | <b>6897</b>  |
| <b>COOK ISLANDS</b>       | <b>162</b>              | <b>637</b> | <b>3649</b> | <b>6587</b> | <b>9705</b> | <b>11307</b> | <b>12640</b> | <b>44687</b> |

Table 18: Number of Households Keeping Goats by Location of Household and Size of Goat Holding

| Location of Household     | Size of Goat Holding |            |           |           |           |           | 50 & over  | Total |
|---------------------------|----------------------|------------|-----------|-----------|-----------|-----------|------------|-------|
|                           | 1-4                  | 5-9        | 10-19     | 20-29     | 30-49     | 50 & over |            |       |
| Pue-Matavera              | 22                   | 5          | 2         | 1         | -         | -         | 30         |       |
| Tupapa-Maraerenga         | 12                   | 4          | 1         | -         | -         | -         | 17         |       |
| Takuvaine-Parekura        | 16                   | 2          | 4         | -         | -         | -         | 22         |       |
| Tutakimoa-Teotue          | 3                    | -          | -         | -         | -         | -         | 3          |       |
| Avatiu-Ruatonga           | 24                   | 11         | 3         | -         | -         | 1         | 39         |       |
| Nikao-Panama              | 17                   | 7          | 2         | 1         | 1         | 1         | 28         |       |
| Ruaau-Arorangi            | 40                   | 2          | 3         | 3         | 1         | 1         | 49         |       |
| Murienua-Arorangi         | 40                   | 13         | 7         | -         | 2         | -         | 58         |       |
| Titikaveka                | 25                   | 10         | 7         | 1         | 1         | 1         | 45         |       |
| Ngatangila                | 29                   | 4          | 2         | 1         | -         | -         | 36         |       |
| Matavera                  | 20                   | 5          | 6         | -         | -         | -         | 31         |       |
| <b>RAROTONGA</b>          | <b>248</b>           | <b>63</b>  | <b>33</b> | <b>7</b>  | <b>4</b>  | <b>3</b>  | <b>358</b> |       |
| Aitutaki                  | 94                   | 42         | 15        | 3         | 1         | 2         | 157        |       |
| Mangaia                   | 56                   | 16         | 16        | 2         | 5         | 2         | 107        |       |
| Atiu                      | 40                   | 32         | 20        | 6         | 5         | 3         | 106        |       |
| Mauke                     | 25                   | 21         | 12        | 3         | 4         | 2         | 67         |       |
| Mitiaro                   | 16                   | 2          | -         | -         | -         | -         | 18         |       |
| <b>OTHER SOUTHERN IS.</b> | <b>241</b>           | <b>113</b> | <b>63</b> | <b>14</b> | <b>15</b> | <b>9</b>  | <b>455</b> |       |
| Palmerston                | -                    | -          | -         | -         | -         | -         | -          |       |
| Pukapuka                  | -                    | -          | -         | -         | -         | -         | -          |       |
| Nassau                    | -                    | -          | -         | -         | -         | -         | -          |       |
| Manihiki                  | -                    | -          | -         | -         | -         | -         | -          |       |
| Rakahanga                 | -                    | -          | -         | -         | -         | -         | -          |       |
| Penrhyn                   | -                    | -          | -         | -         | -         | -         | -          |       |
| <b>NORTHERN ISLANDS</b>   | <b>-</b>             | <b>-</b>   | <b>-</b>  | <b>-</b>  | <b>-</b>  | <b>-</b>  | <b>-</b>   |       |
| <b>COOK ISLANDS</b>       | <b>489</b>           | <b>176</b> | <b>96</b> | <b>21</b> | <b>19</b> | <b>12</b> | <b>813</b> |       |

Table 19: Number of Goats by Location of Household and Size of Goat Holding

| Location of Household     | Size of Goat Holding |             |             |            |            |            | 50 & over   | Total |
|---------------------------|----------------------|-------------|-------------|------------|------------|------------|-------------|-------|
|                           | 1-4                  | 5-9         | 10-19       | 20-29      | 30-49      | 50 & over  |             |       |
| Pue-Matavera              | 35                   | 32          | 29          | 20         | -          | -          | 116         |       |
| Tupapa-Maraerenga         | 22                   | 27          | 12          | -          | -          | -          | 61          |       |
| Takuvaine-Parekura        | 35                   | 12          | 52          | -          | -          | -          | 99          |       |
| Tutakimoa-Teotue          | 8                    | -           | -           | -          | -          | -          | 8           |       |
| Avatiu-Ruatonga           | 46                   | 77          | 37          | -          | -          | 60         | 220         |       |
| Nikao-Panama              | 39                   | 49          | 53          | 22         | -          | -          | 163         |       |
| Ruaau-Arorangi            | 70                   | 12          | 24          | 63         | 31         | 55         | 255         |       |
| Murienua-Arorangi         | 77                   | 78          | 50          | -          | 77         | -          | 282         |       |
| Titikaveka                | 49                   | 64          | 96          | 21         | 30         | 73         | 333         |       |
| Ngatangila                | 56                   | 29          | 22          | 22         | -          | -          | 129         |       |
| Matavera                  | 40                   | 31          | 86          | -          | -          | -          | 157         |       |
| <b>RAROTONGA</b>          | <b>477</b>           | <b>411</b>  | <b>461</b>  | <b>148</b> | <b>138</b> | <b>188</b> | <b>1823</b> |       |
| Aitutaki                  | 209                  | 268         | 213         | 66         | 30         | 170        | 956         |       |
| Mangaia                   | 141                  | 112         | 210         | 45         | 170        | 175        | 853         |       |
| Atiu                      | 97                   | 207         | 246         | 131        | 158        | 270        | 1109        |       |
| Mauke                     | 60                   | 132         | 151         | 75         | 143        | 120        | 681         |       |
| Mitiaro                   | 36                   | 12          | -           | -          | -          | -          | 48          |       |
| <b>OTHER SOUTHERN IS.</b> | <b>543</b>           | <b>731</b>  | <b>820</b>  | <b>317</b> | <b>501</b> | <b>735</b> | <b>3647</b> |       |
| Palmerston                | -                    | -           | -           | -          | -          | -          | -           |       |
| Pukapuka                  | -                    | -           | -           | -          | -          | -          | -           |       |
| Nassau                    | -                    | -           | -           | -          | -          | -          | -           |       |
| Manihiki                  | -                    | -           | -           | -          | -          | -          | -           |       |
| Rakahanga                 | -                    | -           | -           | -          | -          | -          | -           |       |
| Penrhyn                   | -                    | -           | -           | -          | -          | -          | -           |       |
| <b>NORTHERN ISLANDS</b>   | <b>-</b>             | <b>-</b>    | <b>-</b>    | <b>-</b>   | <b>-</b>   | <b>-</b>   | <b>-</b>    |       |
| <b>COOK ISLANDS</b>       | <b>1020</b>          | <b>1142</b> | <b>1281</b> | <b>465</b> | <b>639</b> | <b>923</b> | <b>5470</b> |       |

Table 20: Number of Households Keeping Horses by Location of Household and Size of Horse Holding

| Location of Household     | Size of Horse Holding |           |           |           |          | Total      |
|---------------------------|-----------------------|-----------|-----------|-----------|----------|------------|
|                           | 1                     | 2         | 3         | 4         | 5 & over |            |
| Pue-Matavera              | 4                     | 1         | -         | -         | -        | 5          |
| Tupapa-Maraerenga         | 3                     | -         | -         | -         | -        | 3          |
| Takuvaine-Parekura        | 5                     | -         | -         | 1         | -        | 6          |
| Tutakimoa-Teotue          | -                     | -         | -         | -         | -        | -          |
| Avatiu-Ruatonga           | 6                     | 3         | 1         | -         | -        | 10         |
| Nikao-Panama              | 6                     | -         | -         | -         | -        | 6          |
| Ruaau-Arorangi            | 15                    | 3         | -         | 1         | 1        | 20         |
| Murienua-Arorangi         | 28                    | 7         | 3         | 1         | 1        | 40         |
| Titikaveka                | 16                    | 8         | 1         | 2         | -        | 27         |
| Ngatangia                 | 9                     | 5         | 1         | 3         | -        | 18         |
| Matavera                  | 8                     | 2         | 1         | -         | 2        | 13         |
| <b>RAROTONGA</b>          | <b>100</b>            | <b>29</b> | <b>7</b>  | <b>8</b>  | <b>4</b> | <b>148</b> |
| Aitutaki                  | 21                    | 5         | 2         | 2         | -        | 30         |
| Mangata                   | 25                    | 7         | 2         | -         | -        | 34         |
| Atiu                      | 1                     | 1         | 1         | -         | -        | 3          |
| Mauke                     | 4                     | 6         | -         | 1         | -        | 11         |
| Mitiaro                   | -                     | -         | -         | -         | -        | -          |
| <b>OTHER SOUTHERN IS.</b> | <b>51</b>             | <b>19</b> | <b>5</b>  | <b>3</b>  | <b>-</b> | <b>78</b>  |
| Palmerston                | -                     | -         | -         | -         | -        | -          |
| Pukapuka                  | -                     | -         | -         | -         | -        | -          |
| Nassau                    | -                     | -         | -         | -         | -        | -          |
| Manihiki                  | -                     | -         | -         | -         | -        | -          |
| Rakahanga                 | -                     | -         | -         | -         | -        | -          |
| Penrhyn                   | -                     | -         | -         | -         | -        | -          |
| <b>NORTHERN ISLANDS</b>   | <b>-</b>              | <b>-</b>  | <b>-</b>  | <b>-</b>  | <b>-</b> | <b>-</b>   |
| <b>COOK ISLANDS</b>       | <b>151</b>            | <b>48</b> | <b>12</b> | <b>11</b> | <b>4</b> | <b>226</b> |

Table 21: Number of Horses by Location of Household and Size of Horse Holding

| Location of Household     | Size of Horse Holding |           |           |           |           | Total      |
|---------------------------|-----------------------|-----------|-----------|-----------|-----------|------------|
|                           | 1                     | 2         | 3         | 4         | 5 & over  |            |
| Pue-Matavera              | 4                     | 2         | -         | -         | -         | 6          |
| Tupapa-Maraerenga         | 3                     | -         | -         | -         | -         | 3          |
| Takuvaine-Parekura        | 5                     | -         | -         | 4         | -         | 9          |
| Tutakimoa-Teotue          | -                     | -         | -         | -         | -         | -          |
| Avatiu-Ruatonga           | 6                     | 6         | 3         | -         | -         | 15         |
| Nikao-Panama              | 6                     | -         | -         | -         | -         | 6          |
| Ruaau-Arorangi            | 15                    | 6         | -         | 4         | 7         | 32         |
| Murienua-Arorangi         | 28                    | 14        | 9         | 4         | 11        | 66         |
| Titikaveka                | 16                    | 16        | 3         | 8         | -         | 43         |
| Ngatangia                 | 9                     | 10        | 3         | 12        | -         | 34         |
| Matavera                  | 8                     | 4         | 3         | -         | 10        | 25         |
| <b>RAROTONGA</b>          | <b>100</b>            | <b>58</b> | <b>21</b> | <b>32</b> | <b>28</b> | <b>239</b> |
| Aitutaki                  | 21                    | 10        | 6         | 8         | -         | 45         |
| Mangata                   | 25                    | 14        | 6         | -         | -         | 45         |
| Atiu                      | 1                     | 2         | 3         | -         | -         | 6          |
| Mauke                     | 4                     | 12        | -         | 4         | -         | 20         |
| Mitiaro                   | -                     | -         | -         | -         | -         | -          |
| <b>OTHER SOUTHERN IS.</b> | <b>51</b>             | <b>38</b> | <b>15</b> | <b>12</b> | <b>-</b>  | <b>116</b> |
| Palmerston                | -                     | -         | -         | -         | -         | -          |
| Pukapuka                  | -                     | -         | -         | -         | -         | -          |
| Nassau                    | -                     | -         | -         | -         | -         | -          |
| Manihiki                  | -                     | -         | -         | -         | -         | -          |
| Rakahanga                 | -                     | -         | -         | -         | -         | -          |
| Penrhyn                   | -                     | -         | -         | -         | -         | -          |
| <b>NORTHERN ISLANDS</b>   | <b>-</b>              | <b>-</b>  | <b>-</b>  | <b>-</b>  | <b>-</b>  | <b>-</b>   |
| <b>COOK ISLANDS</b>       | <b>151</b>            | <b>96</b> | <b>36</b> | <b>44</b> | <b>28</b> | <b>355</b> |

Table 22: Coconuts Used for Human Consumption - Number of Households, Number of Households using Coconuts, Total Weekly and Average Weekly Consumption by Location of Household

| Location of Household     | Total Number of Households | Number of Households Using Coconuts | Total Weekly Consumption | Average Weekly Consumption per Household* |
|---------------------------|----------------------------|-------------------------------------|--------------------------|-------------------------------------------|
| Pue-Matavera              | 171                        | 118                                 | 633                      | 5.4                                       |
| Tupapa-Maraerenga         | 105                        | 85                                  | 446                      | 5.2                                       |
| Takuvaine-Parekura        | 149                        | 100                                 | 636                      | 6.4                                       |
| Tutakimoa-Teotue          | 83                         | 70                                  | 389                      | 5.6                                       |
| Avatiu-Ruatonga           | 190                        | 126                                 | 699                      | 5.5                                       |
| Nikao-Panama              | 228                        | 166                                 | 744                      | 4.5                                       |
| Ruaau-Arorangi            | 175                        | 127                                 | 927                      | 7.3                                       |
| Murienua-Arorangi         | 259                        | 178                                 | 1454                     | 8.2                                       |
| Titikaveka                | 232                        | 171                                 | 1278                     | 7.5                                       |
| Ngatangia                 | 126                        | 94                                  | 943                      | 10.0                                      |
| Matavera                  | 113                        | 80                                  | 812                      | 10.2                                      |
| <b>RAROTONGA</b>          | <b>1831</b>                | <b>1315</b>                         | <b>8961</b>              | <b>6.8</b>                                |
| Aitutaki                  | 410                        | 394                                 | 9776                     | 24.8                                      |
| Mangata                   | 222                        | 214                                 | 4761                     | 22.2                                      |
| Atiu                      | 172                        | 168                                 | 3844                     | 22.9                                      |
| Mauke                     | 114                        | 106                                 | 2990                     | 28.2                                      |
| Mitiaro                   | 50                         | 50                                  | 916                      | 18.3                                      |
| <b>OTHER SOUTHERN IS.</b> | <b>968</b>                 | <b>932</b>                          | <b>22387</b>             | <b>23.9</b>                               |
| Palmerston                | 9                          | 9                                   | 174                      | 19.3                                      |
| Pukapuka                  | 116                        | 115                                 | 4335                     | 37.7                                      |
| Nassau                    | 18                         | 18                                  | 560                      | 31.1                                      |
| Manihiki                  | 82                         | 80                                  | 2231                     | 27.9                                      |
| Rakahanga                 | 49                         | 49                                  | 1289                     | 26.3                                      |
| Penrhyn                   | 97                         | 97                                  | 2157                     | 22.2                                      |
| <b>NORTHERN ISLANDS</b>   | <b>371</b>                 | <b>368</b>                          | <b>10746</b>             | <b>29.2</b>                               |
| <b>COOK ISLANDS</b>       | <b>3170</b>                | <b>2615</b>                         | <b>41994</b>             | <b>16.1</b>                               |

\* Households using Coconuts for Human Consumption

Table 23: Coconuts Used for Feeding Animals - Number of Households, Number of Households using Coconuts, Total Weekly and Average Weekly Consumption by Location of Household

| Location of Household     | Total Number of Households | Number of Households Using Coconuts | Total Weekly Consumption | Average Weekly Consumption per Household* |
|---------------------------|----------------------------|-------------------------------------|--------------------------|-------------------------------------------|
| Pue-Matavera              | 171                        | 80                                  | 2394                     | 29.9                                      |
| Tupapa-Maraerenga         | 105                        | 49                                  | 1137                     | 23.2                                      |
| Takuvaine-Parekura        | 149                        | 60                                  | 1298                     | 21.6                                      |
| Tutakimoa-Teotue          | 83                         | 26                                  | 509                      | 19.6                                      |
| Avatiu-Ruatonga           | 190                        | 97                                  | 2064                     | 21.3                                      |
| Nikao-Panama              | 228                        | 94                                  | 1768                     | 18.8                                      |
| Ruaau-Arorangi            | 175                        | 97                                  | 3717                     | 38.3                                      |
| Murienua-Arorangi         | 259                        | 130                                 | 3055                     | 23.5                                      |
| Titikaveka                | 232                        | 110                                 | 4528                     | 41.2                                      |
| Ngatangia                 | 126                        | 74                                  | 3227                     | 44.6                                      |
| Matavera                  | 113                        | 66                                  | 2655                     | 40.2                                      |
| <b>RAROTONGA</b>          | <b>1831</b>                | <b>883</b>                          | <b>26422</b>             | <b>29.9</b>                               |
| Aitutaki                  | 410                        | 292                                 | 23920                    | 81.9                                      |
| Mangata                   | 222                        | 206                                 | 18741                    | 91.0                                      |
| Atiu                      | 172                        | 154                                 | 22281                    | 144.7                                     |
| Mauke                     | 114                        | 103                                 | 11919                    | 115.7                                     |
| Mitiaro                   | 50                         | 48                                  | 3203                     | 66.7                                      |
| <b>OTHER SOUTHERN IS.</b> | <b>968</b>                 | <b>803</b>                          | <b>80064</b>             | <b>99.7</b>                               |
| Palmerston                | 9                          | 9                                   | 1009                     | 112.1                                     |
| Pukapuka                  | 116                        | 109                                 | 7879                     | 72.3                                      |
| Nassau                    | 18                         | 17                                  | 813                      | 47.8                                      |
| Manihiki                  | 82                         | 73                                  | 7651                     | 104.8                                     |
| Rakahanga                 | 49                         | 42                                  | 2459                     | 58.5                                      |
| Penrhyn                   | 97                         | 75                                  | 3156                     | 42.1                                      |
| <b>NORTHERN ISLANDS</b>   | <b>371</b>                 | <b>325</b>                          | <b>22967</b>             | <b>70.7</b>                               |
| <b>COOK ISLANDS</b>       | <b>3170</b>                | <b>2011</b>                         | <b>129453</b>            | <b>64.4</b>                               |

\* Households using Coconuts for Feeding Animals

Table 24: Number of Persons in Agriculturally Active Households by Sex,  
Location of Household and Age Group

| Location of Household     | Sex and Age Group |             |             |             |             |             |             |             |              |  |
|---------------------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--|
|                           | MALE              |             |             |             | FEMALE      |             |             |             | TOTAL        |  |
|                           | Under 10          | 10 and over | Total       | Under 10    | 10 and over | Total       | Under 10    | 10 and over | Total        |  |
| Pue-Matavera              | 42                | 171         | 213         | 48          | 146         | 194         | 90          | 317         | 407          |  |
| Tupapa-Maraerenga         | 40                | 117         | 157         | 37          | 97          | 134         | 77          | 214         | 291          |  |
| Takuvaine-Parekura        | 44                | 178         | 222         | 52          | 158         | 210         | 96          | 336         | 432          |  |
| Tutakimoa-Teotue          | 13                | 51          | 64          | 17          | 57          | 74          | 30          | 108         | 138          |  |
| Avatiu-Ruatonga           | 57                | 263         | 320         | 55          | 221         | 276         | 112         | 484         | 596          |  |
| Nikao-Panama              | 60                | 176         | 236         | 50          | 187         | 237         | 110         | 363         | 473          |  |
| Ruaau-Arorangi            | 60                | 208         | 268         | 61          | 172         | 233         | 121         | 380         | 501          |  |
| Murienua-Arorangi         | 121               | 374         | 495         | 93          | 333         | 426         | 214         | 707         | 921          |  |
| Titikaveka                | 82                | 272         | 354         | 70          | 247         | 317         | 152         | 519         | 671          |  |
| Ngatangia                 | 37                | 151         | 188         | 31          | 116         | 147         | 68          | 267         | 335          |  |
| Matavera                  | 50                | 138         | 188         | 41          | 151         | 192         | 91          | 289         | 380          |  |
| <b>RAROTONGA</b>          | <b>606</b>        | <b>2099</b> | <b>2705</b> | <b>555</b>  | <b>1885</b> | <b>2440</b> | <b>1161</b> | <b>3984</b> | <b>5145</b>  |  |
| Aitutaki                  | 320               | 708         | 1028        | 283         | 677         | 960         | 603         | 1385        | 1988         |  |
| Mangala                   | 162               | 437         | 599         | 156         | 395         | 551         | 318         | 832         | 1150         |  |
| Atiu                      | 106               | 361         | 467         | 131         | 319         | 450         | 237         | 680         | 917          |  |
| Mauke                     | 105               | 213         | 318         | 77          | 210         | 287         | 182         | 423         | 605          |  |
| Mitiaro                   | 36                | 86          | 122         | 28          | 70          | 98          | 64          | 156         | 220          |  |
| <b>OTHER SOUTHERN IS.</b> | <b>729</b>        | <b>1805</b> | <b>2534</b> | <b>675</b>  | <b>1671</b> | <b>2346</b> | <b>1404</b> | <b>3476</b> | <b>4880</b>  |  |
| Palmerston                | 8                 | 26          | 34          | 9           | 17          | 26          | 17          | 43          | 60           |  |
| Pukapuka                  | 109               | 213         | 322         | 125         | 231         | 356         | 234         | 444         | 678          |  |
| Nassau                    | 13                | 36          | 49          | 18          | 31          | 49          | 31          | 67          | 98           |  |
| Manihiki                  | 52                | 134         | 186         | 53          | 133         | 186         | 105         | 267         | 372          |  |
| Rakahanga                 | 39                | 88          | 127         | 31          | 86          | 117         | 70          | 174         | 244          |  |
| Penrhyn                   | 56                | 156         | 212         | 60          | 138         | 198         | 116         | 294         | 410          |  |
| <b>NORTHERN ISLANDS</b>   | <b>277</b>        | <b>653</b>  | <b>930</b>  | <b>296</b>  | <b>636</b>  | <b>932</b>  | <b>573</b>  | <b>1289</b> | <b>1862</b>  |  |
| <b>COOK ISLANDS</b>       | <b>1612</b>       | <b>4557</b> | <b>6169</b> | <b>1526</b> | <b>4192</b> | <b>5718</b> | <b>3138</b> | <b>8749</b> | <b>11887</b> |  |

**Table 25: Number of Persons Working in an Unpaid Capacity on Holdings during the Month Prior to Enumeration (August 1988) by Status, Sex, Location of Household and Age Group**

**Household Membership Status: NON-MEMBER**

**Sex: MALE**

| Location of Household | Age Group |           |          |           | Total     |
|-----------------------|-----------|-----------|----------|-----------|-----------|
|                       | 10-19     | 20-39     | 40-59    | 60 & over |           |
| Rarotonga             | 16        | 43        | 7        | 6         | 72        |
| Aitutaki              | -         | 4         | -        | -         | 4         |
| Mangaia               | 6         | 3         | -        | -         | 9         |
| Atiu                  | 2         | 2         | 1        | -         | 5         |
| Mauke                 | 1         | 5         | -        | -         | 6         |
| Mitiaro               | -         | -         | -        | -         | -         |
| Palmerston            | -         | -         | -        | -         | -         |
| Pukapuka              | -         | -         | -        | -         | -         |
| Nassau                | -         | -         | -        | -         | -         |
| Manihiki              | -         | -         | -        | -         | -         |
| Rakahanga             | -         | -         | -        | -         | -         |
| Penrhyn               | -         | -         | -        | -         | -         |
| <b>COOK ISLANDS</b>   | <b>25</b> | <b>57</b> | <b>8</b> | <b>6</b>  | <b>96</b> |

**Sex: FEMALE**

|                     |          |          |          |          |           |
|---------------------|----------|----------|----------|----------|-----------|
| Rarotonga           | 1        | 5        | 1        | -        | 7         |
| Aitutaki            | -        | -        | -        | -        | -         |
| Mangaia             | -        | -        | -        | -        | -         |
| Atiu                | -        | -        | 1        | -        | 1         |
| Mauke               | -        | -        | -        | -        | -         |
| Mitiaro             | -        | -        | -        | -        | -         |
| Palmerston          | 1        | -        | -        | -        | 1         |
| Pukapuka            | 1        | 1        | -        | -        | 2         |
| Nassau              | -        | -        | -        | -        | -         |
| Manihiki            | -        | -        | -        | -        | -         |
| Rakahanga           | -        | -        | -        | -        | -         |
| Penrhyn             | -        | -        | -        | -        | -         |
| <b>COOK ISLANDS</b> | <b>3</b> | <b>6</b> | <b>2</b> | <b>-</b> | <b>11</b> |

**Sex: TOTAL**

|                     |           |           |           |          |            |
|---------------------|-----------|-----------|-----------|----------|------------|
| Rarotonga           | 17        | 48        | 8         | 6        | 79         |
| Aitutaki            | -         | 4         | -         | -        | 4          |
| Mangaia             | 6         | 3         | -         | -        | 9          |
| Atiu                | 2         | 2         | 2         | -        | 6          |
| Mauke               | 1         | 5         | -         | -        | 6          |
| Mitiaro             | -         | -         | -         | -        | -          |
| Palmerston          | 1         | -         | -         | -        | 1          |
| Pukapuka            | 1         | 1         | -         | -        | 2          |
| Nassau              | -         | -         | -         | -        | -          |
| Manihiki            | -         | -         | -         | -        | -          |
| Rakahanga           | -         | -         | -         | -        | -          |
| Penrhyn             | -         | -         | -         | -        | -          |
| <b>COOK ISLANDS</b> | <b>28</b> | <b>63</b> | <b>10</b> | <b>6</b> | <b>107</b> |

Table 25: Number of Persons Working in an Unpaid Capacity on Holdings during the Month Prior to Enumeration by Status, Sex, Location of Household and Age Group (continued)

Household Membership Status: **MEMBER**

Sex: **MALE**

| Location of Household | Age Group   |             |            |             | Total       |
|-----------------------|-------------|-------------|------------|-------------|-------------|
|                       | 10-19       | 20-39       | 40-59      | 60 and over |             |
| Rarotonga             | 476         | 523         | 437        | 129         | 1565        |
| Aitutaki              | 198         | 170         | 150        | 57          | 575         |
| Mangaia               | 141         | 119         | 78         | 51          | 389         |
| Atiu                  | 101         | 74          | 76         | 30          | 281         |
| Mauke                 | 69          | 45          | 41         | 20          | 175         |
| Mitiaro               | 19          | 21          | 15         | 13          | 68          |
| Palmerston            | -           | 1           | -          | 4           | 5           |
| Pukapuka              | 49          | 53          | 43         | 25          | 170         |
| Nassau                | 7           | 8           | 4          | 1           | 20          |
| Manihiki              | 1           | 9           | 4          | 5           | 19          |
| Rakahanga             | 16          | 10          | 12         | 2           | 40          |
| Penrhyn               | 2           | -           | 3          | 4           | 9           |
| <b>COOK ISLANDS</b>   | <b>1079</b> | <b>1033</b> | <b>863</b> | <b>341</b>  | <b>3316</b> |

Sex: **FEMALE**

|                     |            |            |            |            |             |
|---------------------|------------|------------|------------|------------|-------------|
| Rarotonga           | 241        | 267        | 240        | 51         | 799         |
| Aitutaki            | 76         | 78         | 69         | 13         | 236         |
| Mangaia             | 98         | 55         | 62         | 14         | 229         |
| Atiu                | 29         | 22         | 28         | 5          | 84          |
| Mauke               | 30         | 29         | 26         | 9          | 94          |
| Mitiaro             | 4          | 5          | 4          | 1          | 14          |
| Palmerston          | -          | 2          | 1          | 1          | 4           |
| Pukapuka            | 54         | 66         | 46         | 14         | 180         |
| Nassau              | 10         | 12         | 6          | 1          | 29          |
| Manihiki            | -          | 4          | 2          | -          | 6           |
| Rakahanga           | 6          | 10         | 10         | -          | 26          |
| Penrhyn             | -          | -          | -          | -          | -           |
| <b>COOK ISLANDS</b> | <b>548</b> | <b>550</b> | <b>494</b> | <b>109</b> | <b>1701</b> |

Sex: **TOTAL**

|                     |             |             |             |            |             |
|---------------------|-------------|-------------|-------------|------------|-------------|
| Rarotonga           | 717         | 790         | 677         | 180        | 2364        |
| Aitutaki            | 274         | 248         | 219         | 70         | 811         |
| Mangaia             | 239         | 174         | 140         | 65         | 618         |
| Atiu                | 130         | 96          | 104         | 35         | 365         |
| Mauke               | 99          | 74          | 67          | 29         | 269         |
| Mitiaro             | 23          | 26          | 19          | 14         | 82          |
| Palmerston          | -           | 3           | 1           | 5          | 9           |
| Pukapuka            | 103         | 119         | 89          | 39         | 350         |
| Nassau              | 17          | 20          | 10          | 2          | 49          |
| Manihiki            | 1           | 13          | 6           | 5          | 25          |
| Rakahanga           | 22          | 20          | 22          | 2          | 66          |
| Penrhyn             | 2           | -           | 3           | 4          | 9           |
| <b>COOK ISLANDS</b> | <b>1627</b> | <b>1583</b> | <b>1357</b> | <b>450</b> | <b>5017</b> |

Table 25: Number of Persons Working in an Unpaid Capacity on Holdings during the Month Prior to Enumeration by Status, Sex, Location of Household and Age Group (continued)

Household Membership Status: MEMBER AND NON-MEMBER

Sex: MALE

| Location of Household | Age Group |       |       |             | Total |
|-----------------------|-----------|-------|-------|-------------|-------|
|                       | 10-19     | 20-39 | 40-59 | 60 and over |       |
| Rarotonga             | 492       | 566   | 444   | 135         | 1637  |
| Aitutaki              | 198       | 174   | 150   | 57          | 579   |
| Mangaia               | 147       | 122   | 78    | 51          | 398   |
| Atiu                  | 103       | 76    | 77    | 30          | 286   |
| Mauke                 | 70        | 50    | 41    | 20          | 181   |
| Mitiaro               | 19        | 21    | 15    | 13          | 68    |
| Palmerston            | -         | 1     | -     | 4           | 5     |
| Pukapuka              | 49        | 53    | 43    | 25          | 170   |
| Nassau                | 7         | 8     | 4     | 1           | 20    |
| Manihiki              | 1         | 9     | 4     | 5           | 19    |
| Rakahanga             | 16        | 10    | 12    | 2           | 40    |
| Penrhyn               | 2         | -     | 3     | 4           | 9     |
| COOK ISLANDS          | 1104      | 1090  | 871   | 347         | 3412  |

Sex: FEMALE

|              |     |     |     |     |      |
|--------------|-----|-----|-----|-----|------|
| Rarotonga    | 242 | 272 | 241 | 51  | 806  |
| Aitutaki     | 76  | 78  | 69  | 13  | 236  |
| Mangaia      | 98  | 55  | 62  | 14  | 229  |
| Atiu         | 29  | 22  | 29  | 5   | 85   |
| Mauke        | 30  | 29  | 26  | 9   | 94   |
| Mitiaro      | 4   | 5   | 4   | 1   | 14   |
| Palmerston   | 1   | 2   | 1   | 1   | 5    |
| Pukapuka     | 55  | 67  | 46  | 14  | 182  |
| Nassau       | 10  | 12  | 6   | 1   | 29   |
| Manihiki     | -   | 4   | 2   | -   | 6    |
| Rakahanga    | 6   | 10  | 10  | -   | 26   |
| Penrhyn      | -   | -   | -   | -   | -    |
| COOK ISLANDS | 551 | 556 | 496 | 109 | 1712 |

Sex: TOTAL

|              |      |      |      |     |      |
|--------------|------|------|------|-----|------|
| Rarotonga    | 734  | 838  | 685  | 186 | 2443 |
| Aitutaki     | 274  | 252  | 219  | 70  | 815  |
| Mangaia      | 245  | 177  | 140  | 65  | 627  |
| Atiu         | 132  | 98   | 106  | 35  | 371  |
| Mauke        | 100  | 79   | 67   | 29  | 275  |
| Mitiaro      | 23   | 26   | 19   | 14  | 82   |
| Palmerston   | 1    | 3    | 1    | 5   | 10   |
| Pukapuka     | 104  | 120  | 89   | 39  | 352  |
| Nassau       | 17   | 20   | 10   | 2   | 49   |
| Manihiki     | 1    | 13   | 6    | 5   | 25   |
| Rakahanga    | 22   | 20   | 22   | 2   | 66   |
| Penrhyn      | 2    | -    | 3    | 4   | 9    |
| COOK ISLANDS | 1655 | 1646 | 1367 | 456 | 5124 |

Table 26: Number of Persons Working in an Unpaid Capacity on Holdings during the Month Prior to Enumeration (August 1988) by Sex, Location of Household and Paid Employment Status

Sex: MALE

| Location of Household | Paid Employment Status |                |                |                         |             |
|-----------------------|------------------------|----------------|----------------|-------------------------|-------------|
|                       | No employment          | Full-time only | Part-time only | Both full and part-time | All workers |
| Rarotonga             | 514                    | 1006           | 79             | 38                      | 1637        |
| Aitutaki              | 303                    | 232            | 41             | 3                       | 579         |
| Mangaia               | 215                    | 161            | 18             | 4                       | 398         |
| Atiu                  | 119                    | 95             | 70             | 2                       | 286         |
| Mauke                 | 99                     | 74             | 7              | 1                       | 181         |
| Mitiaro               | 31                     | 36             | 0              | 1                       | 68          |
| Palmerston            | 2                      | 2              | 1              | 0                       | 5           |
| Pukapuka              | 143                    | 27             | 0              | 0                       | 170         |
| Nassau                | 6                      | 2              | 12             | 0                       | 20          |
| Manihiki              | 13                     | 6              | 0              | 0                       | 19          |
| Rakahanga             | 32                     | 6              | 2              | 0                       | 40          |
| Penrhyn               | 7                      | 2              | 0              | 0                       | 9           |
| COOK ISLANDS          | 1484                   | 1649           | 230            | 49                      | 3412        |

Sex: FEMALE

|              |      |     |     |    |      |
|--------------|------|-----|-----|----|------|
| Rarotonga    | 382  | 348 | 58  | 18 | 806  |
| Aitutaki     | 189  | 38  | 9   | 0  | 236  |
| Mangaia      | 200  | 23  | 5   | 1  | 229  |
| Atiu         | 52   | 11  | 22  | 0  | 85   |
| Mauke        | 78   | 11  | 5   | 0  | 94   |
| Mitiaro      | 13   | 1   | 0   | 0  | 14   |
| Palmerston   | 1    | 1   | 3   | 0  | 5    |
| Pukapuka     | 176  | 6   | 0   | 0  | 182  |
| Nassau       | 5    | 1   | 23  | 0  | 29   |
| Manihiki     | 4    | 2   | 0   | 0  | 6    |
| Rakahanga    | 18   | 6   | 2   | 0  | 26   |
| Penrhyn      | 0    | 0   | 0   | 0  | 0    |
| COOK ISLANDS | 1118 | 448 | 127 | 19 | 1712 |

Sex: TOTAL

|              |      |      |     |    |      |
|--------------|------|------|-----|----|------|
| Rarotonga    | 896  | 1354 | 137 | 56 | 2443 |
| Aitutaki     | 492  | 270  | 50  | 3  | 815  |
| Mangaia      | 415  | 184  | 23  | 5  | 627  |
| Atiu         | 171  | 106  | 92  | 2  | 371  |
| Mauke        | 177  | 85   | 12  | 1  | 275  |
| Mitiaro      | 44   | 37   | 0   | 1  | 82   |
| Palmerston   | 3    | 3    | 4   | 0  | 10   |
| Pukapuka     | 319  | 33   | 0   | 0  | 352  |
| Nassau       | 11   | 3    | 35  | 0  | 49   |
| Manihiki     | 17   | 8    | 0   | 0  | 25   |
| Rakahanga    | 50   | 12   | 4   | 0  | 66   |
| Penrhyn      | 7    | 2    | 0   | 0  | 9    |
| COOK ISLANDS | 2602 | 2097 | 357 | 68 | 5124 |

Table 26A: Average Hours Worked per Week by Persons Working in an Unpaid Capacity on Holdings during the Month Prior to Enumeration (August 1988) by Sex, Location of Household and Paid Employment Status

Sex: MALE

| Location of Household | Paid Employment Status |                |                |                         |             |
|-----------------------|------------------------|----------------|----------------|-------------------------|-------------|
|                       | No employment          | Full-time only | Part-time only | Both full and part-time | All workers |
| Rarotonga             | 15                     | 10             | 15             | 13                      | 12          |
| Aitutaki              | 11                     | 9              | 14             | 15                      | 11          |
| Mangaia               | 17                     | 12             | 20             | 11                      | 15          |
| Atiu                  | 14                     | 14             | 20             | 5                       | 16          |
| Mauke                 | 14                     | 13             | 21             | 17                      | 14          |
| Mitiaro               | 19                     | 15             | —              | 10                      | 17          |
| Palmerston            | 17                     | 9              | 30             | —                       | 16          |
| Pukapuka              | 7                      | 9              | —              | —                       | 8           |
| Nassau                | 16                     | 12             | 12             | —                       | 13          |
| Manihiki              | 14                     | 12             | —              | —                       | 13          |
| Rakahanga             | 7                      | 7              | 4              | —                       | 7           |
| Penrhyn               | 22                     | 15             | —              | —                       | 21          |
| COOK ISLANDS          | 13                     | 11             | 17             | 13                      | 12          |

Sex: FEMALE

|              |    |    |    |    |    |
|--------------|----|----|----|----|----|
| Rarotonga    | 9  | 7  | 11 | 9  | 8  |
| Aitutaki     | 8  | 6  | 7  | —  | 8  |
| Mangaia      | 11 | 9  | 7  | 14 | 11 |
| Atiu         | 6  | 6  | 16 | —  | 8  |
| Mauke        | 8  | 9  | 8  | —  | 8  |
| Mitiaro      | 7  | 5  | —  | —  | 7  |
| Palmerston   | 4  | 12 | 22 | —  | 16 |
| Pukapuka     | 11 | 19 | —  | —  | 11 |
| Nassau       | 17 | 15 | 14 | —  | 15 |
| Manihiki     | 13 | 13 | —  | —  | 13 |
| Rakahanga    | 5  | 3  | 4  | —  | 4  |
| Penrhyn      | —  | —  | —  | —  | —  |
| COOK ISLANDS | 9  | 7  | 12 | 9  | 9  |

Sex: TOTAL

|              |    |    |    |    |    |
|--------------|----|----|----|----|----|
| Rarotonga    | 12 | 9  | 13 | 12 | 11 |
| Aitutaki     | 10 | 9  | 13 | 15 | 10 |
| Mangaia      | 14 | 12 | 17 | 11 | 14 |
| Atiu         | 12 | 14 | 19 | 5  | 14 |
| Mauke        | 11 | 12 | 16 | 17 | 12 |
| Mitiaro      | 16 | 14 | —  | 10 | 15 |
| Palmerston   | 13 | 10 | 24 | —  | 16 |
| Pukapuka     | 9  | 11 | —  | —  | 9  |
| Nassau       | 17 | 13 | 13 | —  | 14 |
| Manihiki     | 14 | 12 | —  | —  | 13 |
| Rakahanga    | 6  | 5  | 4  | —  | 6  |
| Penrhyn      | 22 | 15 | —  | —  | 21 |
| COOK ISLANDS | 12 | 10 | 15 | 12 | 11 |

Table 27: Number of Agriculturally Active Households by Location of Household and Proportion of Household's Total Income Usually Derived from Agricultural Activities

| Location of Household     | Proportion of Income |            |            |           |           | Total       |
|---------------------------|----------------------|------------|------------|-----------|-----------|-------------|
|                           | None                 | 1/4        | 1/2        | 3/4       | All       |             |
| Pue-Matavera              | 71                   | 5          | 2          | -         | 1         | 79          |
| Tupapa-Maraerenga         | 47                   | 6          | 1          | 1         | -         | 55          |
| Takuvaine-Parekura        | 70                   | 4          | 1          | -         | -         | 75          |
| Tutakimoa-Teotue          | 24                   | 1          | -          | -         | -         | 25          |
| Avatiu-Ruatonga           | 91                   | 10         | 3          | -         | 1         | 105         |
| Nikao-Panama              | 74                   | 10         | 1          | -         | 2         | 87          |
| Ruaau-Arorangi            | 64                   | 17         | 3          | -         | 6         | 90          |
| Murienua-Arorangi         | 125                  | 29         | 8          | 4         | 4         | 170         |
| Titikaveka                | 71                   | 41         | 9          | 8         | 5         | 134         |
| Ngatangia                 | 42                   | 14         | 10         | 2         | 1         | 69          |
| Matavera                  | 41                   | 16         | 6          | 1         | 7         | 71          |
| <b>RAROTONGA</b>          | <b>720</b>           | <b>153</b> | <b>44</b>  | <b>16</b> | <b>27</b> | <b>960</b>  |
| Aitutaki                  | 193                  | 104        | 28         | 17        | 3         | 345         |
| Mangaia                   | 138                  | 36         | 21         | 10        | -         | 205         |
| Atiu                      | 116                  | 34         | 7          | 1         | -         | 158         |
| Mauke                     | 59                   | 14         | 20         | 4         | -         | 97          |
| Mitiaro                   | 44                   | -          | -          | -         | -         | 44          |
| <b>OTHER SOUTHERN IS.</b> | <b>550</b>           | <b>188</b> | <b>76</b>  | <b>32</b> | <b>3</b>  | <b>849</b>  |
| Palmerston                | 9                    | -          | -          | -         | -         | 9           |
| Pukapuka                  | 99                   | -          | -          | -         | -         | 99          |
| Nassau                    | 18                   | -          | -          | -         | -         | 18          |
| Manihiki                  | 75                   | 2          | -          | -         | -         | 77          |
| Rakahanga                 | 18                   | 21         | 2          | -         | -         | 41          |
| Penrhyn                   | 78                   | 4          | -          | -         | -         | 82          |
| <b>NORTHERN ISLANDS</b>   | <b>297</b>           | <b>27</b>  | <b>2</b>   | <b>-</b>  | <b>-</b>  | <b>326</b>  |
| <b>COOK ISLANDS</b>       | <b>1567</b>          | <b>368</b> | <b>122</b> | <b>48</b> | <b>30</b> | <b>2135</b> |

Table 28: Number of Agriculturally Active Households by Location of Household and Source of Agricultural Loans

| Location of Household     | Source of Agricultural Loan |                           |               |                                     |             | Total       |
|---------------------------|-----------------------------|---------------------------|---------------|-------------------------------------|-------------|-------------|
|                           | Development Bank            | Economic Development Fund | Other Sources | Development Bank plus Economic Fund | No loan     |             |
| Pue-Matavera              | 3                           | -                         | 10            | -                                   | 66          | 79          |
| Tupapa-Maraerenga         | -                           | -                         | 1             | -                                   | 54          | 55          |
| Takuvaine-Parekura        | -                           | -                         | 1             | -                                   | 74          | 75          |
| Tutakimoa-Teotue          | -                           | -                         | -             | -                                   | 25          | 25          |
| Avatiu-Ruatonga           | 1                           | 3                         | 1             | -                                   | 100         | 105         |
| Nikao-Panama              | 4                           | -                         | 2             | -                                   | 81          | 87          |
| Ruanau-Arorangi           | 9                           | -                         | 2             | -                                   | 79          | 90          |
| Murienua-Arorangi         | 7                           | -                         | 2             | -                                   | 161         | 170         |
| Titikaveka                | 13                          | 2                         | 2             | -                                   | 117         | 134         |
| Ngatangila                | 12                          | 1                         | -             | -                                   | 56          | 69          |
| Matavera                  | 7                           | -                         | -             | -                                   | 64          | 71          |
| <b>RAROTONGA</b>          | <b>56</b>                   | <b>6</b>                  | <b>21</b>     | <b>-</b>                            | <b>877</b>  | <b>960</b>  |
| Aitutaki                  | 2                           | 156                       | -             | 25                                  | 162         | 345         |
| Mangaia                   | 36                          | 1                         | 5             | -                                   | 163         | 205         |
| Atiu                      | 6                           | -                         | 5             | -                                   | 147         | 158         |
| Mauke                     | 15                          | 1                         | 1             | -                                   | 80          | 97          |
| Mitiaro                   | -                           | -                         | 1             | -                                   | 43          | 44          |
| <b>OTHER SOUTHERN IS.</b> | <b>59</b>                   | <b>158</b>                | <b>12</b>     | <b>25</b>                           | <b>595</b>  | <b>849</b>  |
| Palmerston                | -                           | -                         | -             | -                                   | 9           | 9           |
| Pukapuka                  | -                           | -                         | -             | -                                   | 99          | 99          |
| Nassau                    | -                           | -                         | -             | -                                   | 18          | 18          |
| Manihiki                  | -                           | -                         | -             | -                                   | 77          | 77          |
| Rakahanga                 | -                           | -                         | -             | -                                   | 41          | 41          |
| Penrhyn                   | -                           | -                         | -             | -                                   | 82          | 82          |
| <b>NORTHERN ISLANDS</b>   | <b>-</b>                    | <b>-</b>                  | <b>-</b>      | <b>-</b>                            | <b>326</b>  | <b>326</b>  |
| <b>COOK ISLANDS</b>       | <b>115</b>                  | <b>164</b>                | <b>33</b>     | <b>25</b>                           | <b>1798</b> | <b>2135</b> |

Table 29: Number of Households Owning Equipment by Location of Household and Type of Equipment

| Location of Household | Manual Equipment |              |        |            |      |              |           |                    |         |         | Mechanical Equipment |         |            |           |          |         |         |       |  |  |
|-----------------------|------------------|--------------|--------|------------|------|--------------|-----------|--------------------|---------|---------|----------------------|---------|------------|-----------|----------|---------|---------|-------|--|--|
|                       | Digging spade    | Digging fork | Shovel | Bush knife | Axe  | Copra driers | Reap hook | Other manual eqmmt | Tractor | Vehicle | Rotovator/Gravelly   | Slasher | Weed eater | Chain-saw | Sprayer* | Trailer | Tractor | Other |  |  |
| Pue-Matavera          | 68               | 52           | 71     | 73         | 50   | -            | 18        | 12                 | 8       | 23      | 16                   | 3       | 33         | 19        | 21       | 1       | 12      | 12    |  |  |
| Tupapa-Maraereanga    | 46               | 39           | 49     | 53         | 37   | -            | 12        | 10                 | 3       | 24      | 12                   | 2       | 23         | 12        | 17       | -       | 8       | 8     |  |  |
| Takuvaine-Parekura    | 64               | 49           | 72     | 72         | 55   | -            | 26        | 43                 | 1       | 11      | 7                    | -       | 38         | 17        | 20       | -       | 2       | 2     |  |  |
| Tutakimoa-Teotue      | 17               | 13           | 21     | 24         | 12   | -            | 4         | 1                  | 1       | 7       | 4                    | 1       | 2          | 3         | 5        | -       | 2       | 2     |  |  |
| Avatiu-Ruatonga       | 86               | 68           | 99     | 103        | 77   | -            | 3         | 3                  | 5       | 35      | 21                   | 3       | 51         | 24        | 29       | -       | 4       | 4     |  |  |
| Nikao-Panama          | 76               | 53           | 79     | 82         | 64   | -            | 47        | 31                 | 10      | 44      | 20                   | 2       | 31         | 14        | 32       | -       | 13      | 13    |  |  |
| Ruaeu-Arorangi        | 87               | 62           | 87     | 88         | 66   | -            | 17        | 14                 | 26      | 63      | 32                   | 12      | 46         | 44        | 50       | 1       | 22      | 22    |  |  |
| Murienua-Arorangi     | 144              | 107          | 148    | 159        | 107  | -            | 64        | 39                 | 22      | 93      | 30                   | 22      | 52         | 37        | 67       | 1       | 59      | 59    |  |  |
| Titikaveka            | 118              | 93           | 124    | 128        | 84   | 1            | 8         | 14                 | 31      | 66      | 47                   | 23      | 41         | 54        | 97       | 1       | 31      | 31    |  |  |
| Ngatangia             | 62               | 50           | 62     | 66         | 52   | -            | 28        | 13                 | 19      | 39      | 11                   | 9       | 32         | 32        | 59       | -       | 16      | 16    |  |  |
| Matavera              | 65               | 51           | 66     | 70         | 50   | -            | 10        | 10                 | 9       | 33      | 18                   | 4       | 20         | 23        | 42       | 1       | 12      | 12    |  |  |
| RAROTONGA             | 833              | 637          | 878    | 918        | 654  | 1            | 237       | 190                | 135     | 438     | 218                  | 81      | 369        | 279       | 439      | 5       | 181     | 181   |  |  |
| Aitutaki              | 293              | 141          | 309    | 333        | 251  | 7            | 170       | 224                | 19      | 67      | 11                   | 5       | 9          | 70        | 170      | -       | 17      | 17    |  |  |
| Mangaia               | 164              | 22           | 195    | 203        | 137  | -            | 47        | 76                 | 4       | 70      | 3                    | 1       | 20         | 48        | 54       | -       | 6       | 6     |  |  |
| Atiu                  | 136              | 68           | 147    | 157        | 132  | 4            | 5         | 7                  | 7       | 63      | 7                    | 3       | 10         | 32        | 26       | -       | 25      | 25    |  |  |
| Mauke                 | 85               | 49           | 85     | 96         | 87   | 1            | 29        | 18                 | 3       | 60      | 2                    | 1       | 17         | 43        | 23       | -       | 2       | 2     |  |  |
| Mitiaro               | 24               | 28           | 37     | 42         | 33   | -            | 22        | 4                  | -       | -       | -                    | -       | -          | -         | -        | -       | -       | -     |  |  |
| OTHER SOUTHERN IS.    | 702              | 308          | 773    | 831        | 640  | 12           | 273       | 329                | 33      | 260     | 23                   | 10      | 56         | 193       | 273      | -       | 50      | 50    |  |  |
| Palmerston            | 6                | 2            | 6      | 6          | 6    | 5            | -         | -                  | 1       | -       | -                    | 2       | -          | 4         | 1        | -       | 3       | 3     |  |  |
| Pukapuka              | 57               | 70           | 74     | 86         | 67   | -            | -         | 2                  | -       | 5       | -                    | -       | -          | 6         | 6        | -       | -       | -     |  |  |
| Nassau                | 16               | 17           | 18     | 18         | 18   | -            | -         | -                  | 1       | -       | -                    | -       | -          | 1         | 1        | -       | -       | -     |  |  |
| Manihiki              | 16               | 5            | 25     | 28         | 18   | 12           | -         | -                  | -       | 5       | -                    | -       | -          | 4         | -        | -       | -       | -     |  |  |
| Rakahanga             | 31               | 7            | 33     | 35         | 11   | 22           | -         | 7                  | 1       | 3       | -                    | -       | -          | 4         | -        | -       | -       | -     |  |  |
| Penrhyn               | 6                | 9            | 10     | 28         | 11   | 2            | 13        | 3                  | -       | 12      | -                    | -       | -          | -         | -        | -       | -       | -     |  |  |
| NORTHERN ISLANDS      | 132              | 110          | 166    | 201        | 131  | 41           | 13        | 12                 | 3       | 25      | -                    | 2       | -          | 19        | 1        | -       | 3       | 3     |  |  |
| COOK ISLANDS          | 667              | 1055         | 1817   | 1950       | 1425 | 54           | 523       | 531                | 171     | 723     | 241                  | 93      | 425        | 491       | 713      | 5       | 234     | 234   |  |  |

\* including both manual and mechanical sprayers

Table 30: Number of Items of Equipment Owned by Location of Household and Type of Equipment

| Location of Household     | TYPE OF EQUIPMENT |              |             |             |             |                      |            |                    |                 |                            |            |            |            |                        |                    |            |            |
|---------------------------|-------------------|--------------|-------------|-------------|-------------|----------------------|------------|--------------------|-----------------|----------------------------|------------|------------|------------|------------------------|--------------------|------------|------------|
|                           | Manual Equipment  |              |             |             |             | Mechanical Equipment |            |                    |                 |                            |            |            |            |                        |                    |            |            |
|                           | Digging spade     | Digging fork | Shovel      | Bush knife  | Axe         | Copra driers         | Reap hook  | Other manual eqmpt | Tractor Vehicle | Rotovator/Gravelly Slasher | Weed eater | Chain-saw  | Sprayer*   | Trailer/Tractor loader | Other mechnl eqmpt |            |            |
| Pue-Matavera              | 99                | 67           | 149         | 135         | 60          | -                    | 33         | 15                 | 8               | 26                         | 16         | 3          | 37         | 22                     | 23                 |            |            |
| Tupapa-Maraerenga         | 62                | 52           | 89          | 99          | 41          | -                    | 23         | 11                 | 4               | 39                         | 15         | 2          | 24         | 13                     | 20                 |            |            |
| Takuvaine-Parekura        | 90                | 62           | 148         | 163         | 72          | -                    | 50         | 56                 | 1               | 12                         | 8          | -          | 43         | 19                     | 21                 |            |            |
| Tutakimoa-Teotue          | 20                | 15           | 34          | 46          | 13          | -                    | 4          | 1                  | 1               | 8                          | 4          | 2          | 2          | 4                      | 5                  |            |            |
| Avatiu-Ruatonga           | 120               | 84           | 230         | 234         | 90          | -                    | 6          | 3                  | 5               | 41                         | 21         | 3          | 56         | 27                     | 32                 |            |            |
| Nikao-Panama              | 102               | 67           | 172         | 159         | 76          | -                    | 91         | 40                 | 10              | 56                         | 23         | 2          | 34         | 14                     | 40                 |            |            |
| Ruaau-Arorangi            | 147               | 85           | 195         | 202         | 86          | -                    | 34         | 24                 | 28              | 114                        | 36         | 16         | 53         | 67                     | 65                 |            |            |
| Murienua-Arorangi         | 191               | 128          | 314         | 333         | 130         | -                    | 126        | 54                 | 28              | 155                        | 33         | 25         | 57         | 44                     | 77                 |            |            |
| Titikaveka                | 155               | 112          | 235         | 263         | 103         | 1                    | 13         | 19                 | 35              | 73                         | 49         | 23         | 41         | 69                     | 122                |            |            |
| Ngatangia                 | 93                | 63           | 145         | 142         | 65          | -                    | 81         | 15                 | 21              | 54                         | 13         | 9          | 36         | 39                     | 69                 |            |            |
| Matavera                  | 97                | 60           | 148         | 162         | 65          | -                    | 26         | 14                 | 11              | 38                         | 20         | 4          | 22         | 26                     | 47                 |            |            |
| <b>RAROTONGA</b>          | <b>1176</b>       | <b>795</b>   | <b>1859</b> | <b>1938</b> | <b>801</b>  | <b>1</b>             | <b>487</b> | <b>252</b>         | <b>152</b>      | <b>616</b>                 | <b>238</b> | <b>88</b>  | <b>405</b> | <b>344</b>             | <b>521</b>         | <b>205</b> |            |
| Aitutaki                  | 425               | 159          | 518         | 748         | 289         | 7                    | 275        | 263                | 24              | 91                         | 11         | 6          | 9          | 83                     | 204                |            |            |
| Mangaia                   | 222               | 23           | 330         | 499         | 145         | -                    | 57         | 122                | 4               | 92                         | 3          | 1          | 20         | 52                     | 60                 |            |            |
| Atiu                      | 177               | 79           | 234         | 392         | 176         | 5                    | 8          | 18                 | 8               | 95                         | 11         | 3          | 10         | 35                     | 28                 |            |            |
| Mauke                     | 136               | 56           | 157         | 204         | 126         | 1                    | 45         | 22                 | 4               | 91                         | 2          | 1          | 19         | 47                     | 26                 |            |            |
| Mitiaro                   | 26                | 29           | 44          | 70          | 42          | -                    | 24         | 6                  | -               | -                          | -          | -          | -          | -                      | -                  |            |            |
| <b>OTHER SOUTHERN IS.</b> | <b>986</b>        | <b>346</b>   | <b>1283</b> | <b>1913</b> | <b>778</b>  | <b>13</b>            | <b>409</b> | <b>431</b>         | <b>40</b>       | <b>369</b>                 | <b>27</b>  | <b>11</b>  | <b>58</b>  | <b>217</b>             | <b>318</b>         | <b>52</b>  |            |
| Palmerston                | 12                | 3            | 15          | 20          | 11          | 6                    | -          | -                  | 1               | -                          | -          | 2          | -          | 4                      | 1                  |            |            |
| Pukapuka                  | 68                | 94           | 123         | 231         | 119         | -                    | -          | 3                  | -               | 5                          | -          | -          | -          | 7                      | -                  |            |            |
| Nassau                    | 18                | 28           | 28          | 65          | 29          | -                    | -          | -                  | 1               | -                          | -          | -          | -          | 1                      | -                  |            |            |
| Manihiki                  | 24                | 5            | 55          | 56          | 30          | -                    | -          | -                  | -               | 5                          | -          | -          | -          | 4                      | -                  |            |            |
| Rakahanga                 | 40                | 7            | 49          | 69          | 13          | 22                   | -          | 11                 | 1               | 4                          | -          | -          | -          | 4                      | -                  |            |            |
| Penrhyn                   | 6                 | 9            | 10          | 28          | 11          | 2                    | 13         | 3                  | -               | 13                         | -          | -          | -          | -                      | -                  |            |            |
| <b>NORTHERN ISLANDS</b>   | <b>168</b>        | <b>146</b>   | <b>280</b>  | <b>469</b>  | <b>213</b>  | <b>42</b>            | <b>13</b>  | <b>17</b>          | <b>3</b>        | <b>27</b>                  | <b>-</b>   | <b>2</b>   | <b>-</b>   | <b>20</b>              | <b>1</b>           | <b>3</b>   |            |
| <b>COOK ISLANDS</b>       | <b>2330</b>       | <b>1287</b>  | <b>3422</b> | <b>4320</b> | <b>1792</b> | <b>56</b>            | <b>909</b> | <b>700</b>         | <b>195</b>      | <b>1012</b>                | <b>265</b> | <b>101</b> | <b>463</b> | <b>581</b>             | <b>840</b>         | <b>5</b>   | <b>260</b> |

\* including both manual and mechanical sprayers

Table 31: Number of Households Hiring Equipment in the 12 months Preceding the Census by Location of Household and Type of Equipment

| Location of Household | TYPE OF EQUIPMENT |              |        |            |     |                      |           |                     |         |         |                    |         |            |           |          |                                        |       |
|-----------------------|-------------------|--------------|--------|------------|-----|----------------------|-----------|---------------------|---------|---------|--------------------|---------|------------|-----------|----------|----------------------------------------|-------|
|                       | Manual Equipment  |              |        |            |     | Mechanical Equipment |           |                     |         |         |                    |         |            |           |          |                                        |       |
|                       | Digging spade     | Digging fork | Shovel | Bush knife | Axe | Copra driers         | Reap hook | Other manual eqpmnt | Tractor | Vehicle | Rotovator/Gravelly | Slasher | Weed eater | Chain-saw | Sprayer* | Trailer/Tractor mechncnl Loader eqpmnt | Other |
| Pue-Matavera          | -                 | -            | -      | -          | -   | -                    | -         | -                   | 4       | 1       | -                  | 1       | -          | 1         | -        | -                                      | 1     |
| Tupapa-Maraerenga     | -                 | -            | -      | -          | -   | -                    | -         | -                   | 22      | -       | -                  | 18      | -          | -         | -        | -                                      | 1     |
| Takuvaine-Parekura    | -                 | -            | -      | -          | 1   | -                    | -         | -                   | 8       | 1       | 1                  | 7       | -          | -         | -        | -                                      | -     |
| Tutakimoa-Reotue      | -                 | -            | -      | -          | -   | -                    | -         | -                   | 2       | -       | -                  | -       | -          | -         | -        | -                                      | -     |
| Avatiu-Ruatonga       | 1                 | -            | -      | -          | -   | -                    | -         | -                   | 27      | 3       | 2                  | 8       | -          | 4         | -        | -                                      | -     |
| Niako-Panama          | -                 | -            | -      | -          | -   | -                    | -         | -                   | 15      | 2       | 1                  | 9       | -          | 2         | -        | -                                      | -     |
| Ruaau-Arorangi        | -                 | -            | -      | -          | -   | -                    | -         | -                   | 30      | 1       | 2                  | 7       | -          | 2         | -        | -                                      | -     |
| Murienua-Arorangi     | 1                 | 1            | 1      | -          | 1   | 2                    | -         | -                   | 56      | 5       | 2                  | 15      | -          | 1         | -        | -                                      | 2     |
| Titikaveka            | 2                 | 1            | 1      | 1          | 1   | 1                    | -         | -                   | 65      | 11      | 7                  | 35      | -          | 4         | -        | -                                      | 1     |
| Ngatangia             | -                 | -            | -      | -          | -   | -                    | -         | -                   | 14      | 1       | 3                  | 9       | -          | 1         | -        | -                                      | -     |
| Matavera              | -                 | -            | -      | 1          | 1   | 1                    | -         | -                   | 31      | 5       | 4                  | 26      | -          | 4         | -        | -                                      | -     |
| RAROTONGA             | 4                 | 2            | 1      | 2          | 5   | -                    | -         | -                   | 274     | 30      | 22                 | 135     | 17         | 16        | 13       | -                                      | 5     |
| Aitutaki              | 6                 | -            | -      | 2          | 2   | -                    | 2         | -                   | 241     | 46      | 35                 | 109     | 5          | 19        | 18       | 4                                      | 34    |
| Mangata               | 4                 | -            | 1      | -          | 2   | -                    | -         | -                   | 91      | 14      | 11                 | 85      | 6          | 2         | 3        | -                                      | 5     |
| Atiu                  | -                 | 1            | 1      | 1          | 1   | -                    | -         | -                   | 110     | 31      | 84                 | 103     | 66         | 55        | 124      | -                                      | 73    |
| Hauke                 | 1                 | -            | 1      | 1          | 1   | -                    | 2         | -                   | 65      | 21      | 13                 | 56      | 4          | 2         | 4        | -                                      | 14    |
| Mitiaro               | 1                 | -            | -      | -          | -   | -                    | -         | -                   | 5       | 1       | 2                  | -       | -          | -         | -        | -                                      | -     |
| OTHER SOUTHERN IS.    | 12                | 1            | 3      | 3          | 6   | -                    | 4         | -                   | 512     | 113     | 145                | 353     | 81         | 78        | 149      | 4                                      | 126   |
| Palmerston            | -                 | -            | -      | -          | -   | -                    | -         | -                   | -       | -       | -                  | -       | -          | -         | -        | -                                      | -     |
| Pukapuka              | -                 | -            | -      | -          | -   | -                    | -         | -                   | -       | -       | -                  | -       | -          | -         | -        | -                                      | -     |
| Nassau                | -                 | -            | -      | -          | -   | -                    | -         | -                   | 1       | -       | -                  | -       | -          | -         | -        | -                                      | -     |
| Manihiki              | -                 | -            | -      | -          | -   | -                    | -         | -                   | -       | -       | -                  | -       | -          | 3         | -        | -                                      | -     |
| Rakahanga             | -                 | -            | -      | -          | 2   | -                    | -         | -                   | 23      | -       | -                  | -       | -          | -         | -        | -                                      | 1     |
| Penrhyn               | -                 | -            | -      | -          | -   | -                    | -         | -                   | -       | -       | -                  | -       | -          | -         | -        | -                                      | -     |
| NORTHERN ISLANDS      | -                 | -            | -      | -          | 2   | -                    | -         | -                   | 24      | -       | -                  | -       | -          | 3         | -        | -                                      | 1     |
| COOK ISLANDS          | 16                | 3            | 4      | 5          | 13  | -                    | 4         | -                   | 810     | 143     | 167                | 488     | 98         | 97        | 162      | 4                                      | 132   |

\* including both manual and mechanical sprayers

Table 32: Number of Households Borrowing Equipment in the 12 months Preceding the Census by Location of Household and Type of Equipment

| Location of Household | Manual Equipment |              |        |            |     |              |           |                    |         |         | Mechanical Equipment |         |            |           |          |                                 |             |  |  |  |
|-----------------------|------------------|--------------|--------|------------|-----|--------------|-----------|--------------------|---------|---------|----------------------|---------|------------|-----------|----------|---------------------------------|-------------|--|--|--|
|                       | Digging spade    | Digging fork | Shovel | Bush knife | Axe | Copra driers | Reap hook | Other manual eqpmt | Tractor | Vehicle | Rotovator/Gravelly   | Slasher | Weed eater | Chain-saw | Sprayer* | Trailer/Tractor mechncal Loader | Other eqpmt |  |  |  |
| Pue-Matavera          | 2                | 2            | 2      | 1          | -   | -            | -         | -                  | 1       | -       | -                    | 1       | 4          | -         | -        | -                               | 1           |  |  |  |
| Tupapa-Maraerenga     | 4                | 4            | 1      | -          | 3   | -            | -         | -                  | -       | 2       | 1                    | -       | 3          | 2         | -        | -                               | -           |  |  |  |
| Takuvaine-Parekura    | 8                | 5            | 7      | 3          | 2   | 1            | -         | -                  | -       | -       | 1                    | -       | 9          | 2         | -        | -                               | -           |  |  |  |
| Tutakimoa-Teotue      | 1                | 1            | -      | -          | 2   | -            | -         | -                  | -       | 1       | -                    | -       | -          | -         | -        | -                               | -           |  |  |  |
| Avatiu-Ruatonga       | 3                | 2            | 1      | -          | 4   | -            | -         | -                  | 2       | 3       | 3                    | 1       | 5          | 8         | -        | -                               | -           |  |  |  |
| Nikao-Panama          | 3                | 8            | 7      | 3          | 5   | -            | 3         | -                  | 4       | 5       | 2                    | -       | 7          | 3         | -        | -                               | -           |  |  |  |
| Ruaau-Arorangi        | 2                | 1            | 2      | -          | 1   | -            | -         | -                  | 10      | -       | 5                    | 7       | 3          | 2         | -        | -                               | -           |  |  |  |
| Murienua-Arorangi     | 5                | 5            | 7      | 3          | 5   | -            | 2         | -                  | 6       | 3       | 3                    | 5       | 8          | 9         | -        | -                               | -           |  |  |  |
| Titikaveka            | 11               | 14           | 4      | 4          | 13  | -            | -         | 2                  | 37      | 10      | 11                   | 15      | 14         | 23        | -        | -                               | 36          |  |  |  |
| Ngatangia             | 5                | 5            | 5      | -          | 4   | -            | -         | -                  | 26      | 7       | 16                   | 15      | 11         | 7         | -        | -                               | 19          |  |  |  |
| Matavera              | 4                | 5            | 2      | 1          | 9   | -            | -         | 4                  | 13      | 5       | 5                    | 7       | 17         | 13        | -        | -                               | 22          |  |  |  |
| RAROTONGA             | 48               | 52           | 38     | 15         | 49  | 1            | 5         | 6                  | 99      | 36      | 47                   | 51      | 81         | 69        | -        | -                               | 105         |  |  |  |
| Aitutaki              | 40               | 16           | 33     | 6          | 29  | -            | 4         | 26                 | 17      | 10      | 2                    | 3       | 1          | 32        | -        | -                               | 51          |  |  |  |
| Mangaia               | 15               | 4            | 12     | 2          | 11  | -            | 2         | 3                  | -       | 11      | -                    | 1       | 8          | 25        | -        | -                               | 41          |  |  |  |
| Atiu                  | 17               | 40           | 7      | 1          | 8   | -            | -         | -                  | -       | 16      | 1                    | -       | 6          | 12        | -        | -                               | 6           |  |  |  |
| Mauke                 | 13               | 13           | 7      | -          | 4   | -            | -         | -                  | 2       | 8       | 5                    | 2       | 7          | 21        | -        | -                               | 10          |  |  |  |
| Mitiaro               | 6                | 6            | 4      | 1          | 6   | -            | -         | -                  | 11      | -       | -                    | -       | -          | 1         | -        | -                               | -           |  |  |  |
| OTHER SOUTHERN IS.    | 91               | 79           | 63     | 10         | 58  | -            | 6         | 29                 | 30      | 45      | 8                    | 6       | 22         | 91        | -        | -                               | 108         |  |  |  |
| Palmerston            | -                | -            | -      | -          | -   | -            | -         | -                  | -       | -       | -                    | -       | -          | -         | -        | -                               | -           |  |  |  |
| Pukapuka              | 13               | 4            | 8      | 1          | 5   | -            | -         | -                  | -       | -       | -                    | -       | -          | 1         | -        | -                               | -           |  |  |  |
| Nassau                | 8                | 3            | 8      | 1          | 4   | -            | -         | -                  | -       | -       | -                    | -       | -          | -         | -        | -                               | -           |  |  |  |
| Manihiki              | -                | -            | -      | -          | -   | -            | -         | -                  | -       | -       | -                    | -       | -          | -         | -        | -                               | -           |  |  |  |
| Rakahanga             | 9                | 3            | 6      | 3          | 14  | 1            | -         | -                  | 5       | -       | -                    | -       | -          | 5         | -        | -                               | -           |  |  |  |
| Penrhyn               | -                | -            | -      | -          | -   | -            | -         | -                  | -       | -       | -                    | -       | -          | -         | -        | -                               | -           |  |  |  |
| NORTHERN ISLANDS      | 30               | 10           | 22     | 5          | 23  | 1            | -         | -                  | 5       | -       | -                    | -       | -          | 6         | -        | -                               | -           |  |  |  |
| COOK ISLANDS          | 169              | 141          | 123    | 30         | 130 | 2            | 11        | 35                 | 134     | 81      | 55                   | 57      | 103        | 166       | -        | -                               | 213         |  |  |  |

\* including both manual and mechanical sprayers

Table 33: Number of Holdings by Location of Land and Size of Holding

| Location of Land          | Size of Holding (Acres) |            |            |            |            |            |            |                 |             |  | Total |
|---------------------------|-------------------------|------------|------------|------------|------------|------------|------------|-----------------|-------------|--|-------|
|                           | Less than<br>0.25       | 0.25-0.49  | 0.50-0.99  | 1.00-1.99  | 2.00-2.99  | 3.00-4.99  | 5.00-9.99  | 10.00 &<br>over |             |  |       |
| Pue-Matavera              | 2                       | 13         | 24         | 19         | 8          | 8          | 3          | -               | 77          |  |       |
| Tupapa-Maraenga           | -                       | 7          | 16         | 12         | 7          | 8          | 1          | 1               | 52          |  |       |
| Takuvaine-Parekura        | 11                      | 30         | 13         | 13         | 4          | 5          | 3          | -               | 79          |  |       |
| Tutakimoa-Teotue          | 2                       | 8          | 9          | 5          | 1          | -          | -          | -               | 25          |  |       |
| Avatiu-Ruatonga           | 15                      | 24         | 25         | 20         | 9          | 9          | 6          | -               | 108         |  |       |
| Nikao-Panama              | 6                       | 25         | 23         | 11         | 10         | 3          | 3          | 1               | 82          |  |       |
| Ruaau-Arorangi            | 1                       | 7          | 17         | 19         | 15         | 10         | 11         | 7               | 87          |  |       |
| Murienua-Arorangi         | 3                       | 27         | 38         | 39         | 23         | 20         | 16         | 6               | 172         |  |       |
| Titikaveka                | -                       | 14         | 23         | 30         | 17         | 13         | 26         | 12              | 135         |  |       |
| Ngatangila                | -                       | 9          | 14         | 18         | 10         | 10         | 2          | 8               | 71          |  |       |
| Matavera                  | 1                       | 14         | 13         | 20         | 11         | 7          | 8          | 3               | 77          |  |       |
| <b>RAROTONGA</b>          | <b>41</b>               | <b>178</b> | <b>215</b> | <b>206</b> | <b>115</b> | <b>93</b>  | <b>79</b>  | <b>38</b>       | <b>965</b>  |  |       |
| Aitutaki                  | 2                       | 18         | 33         | 74         | 82         | 91         | 71         | 23              | 394         |  |       |
| Mangaia                   | -                       | 2          | 17         | 38         | 36         | 49         | 47         | 15              | 204         |  |       |
| Atiu                      | 1                       | 1          | 4          | 26         | 27         | 44         | 34         | 22              | 159         |  |       |
| Mauke                     | -                       | -          | 5          | 12         | 13         | 20         | 39         | 8               | 97          |  |       |
| Mitiaro                   | -                       | -          | 2          | 17         | 16         | 6          | 4          | -               | 45          |  |       |
| <b>OTHER SOUTHERN IS.</b> | <b>3</b>                | <b>21</b>  | <b>61</b>  | <b>167</b> | <b>174</b> | <b>210</b> | <b>195</b> | <b>68</b>       | <b>899</b>  |  |       |
| Palmerston                | -                       | -          | -          | 2          | 3          | 1          | 3          | -               | 9           |  |       |
| Pukapuka                  | -                       | 1          | 47         | 38         | 7          | 5          | -          | -               | 98          |  |       |
| Nassau                    | -                       | -          | 5          | 6          | 5          | 2          | -          | -               | 18          |  |       |
| Manihiki                  | 1                       | 1          | 10         | 9          | 18         | 27         | 8          | 2               | 76          |  |       |
| Rakahanga                 | -                       | 9          | 3          | 8          | 8          | 10         | 3          | -               | 41          |  |       |
| Penrhyn                   | 1                       | 11         | 13         | 33         | 19         | 1          | 2          | 2               | 82          |  |       |
| <b>NORTHERN ISLANDS</b>   | <b>2</b>                | <b>22</b>  | <b>78</b>  | <b>96</b>  | <b>60</b>  | <b>46</b>  | <b>16</b>  | <b>4</b>        | <b>324</b>  |  |       |
| <b>COOK ISLANDS</b>       | <b>46</b>               | <b>221</b> | <b>354</b> | <b>469</b> | <b>349</b> | <b>349</b> | <b>290</b> | <b>110</b>      | <b>2188</b> |  |       |

Table 34: Area (acres) of Holdings by Location of Land and Size of Holding

| Location of Land          | Size of Holding (Acres) |             |              |              |              |               |               |                 | Total         |
|---------------------------|-------------------------|-------------|--------------|--------------|--------------|---------------|---------------|-----------------|---------------|
|                           | less than<br>0.25       | 0.25-0.49   | 0.50-0.99    | 1.00-1.99    | 2.00-2.99    | 3.00-4.99     | 5.00-9.99     | 10.00 &<br>over |               |
| Pue-Matavera              | .3                      | 3.3         | 13.8         | 24.7         | 19.0         | 28.5          | 16.8          | -               | 106.2         |
| Tupapa-Maraerenga         | -                       | 2.0         | 9.4          | 15.9         | 16.3         | 28.8          | 5.0           | 11.8            | 89.1          |
| Takuvaine-Parekura        | 1.4                     | 7.8         | 7.9          | 16.4         | 8.8          | 17.0          | 19.6          | -               | 78.8          |
| Tutakimoa-Teotue          | .3                      | 2.2         | 5.4          | 5.8          | 2.8          | -             | -             | -               | 16.3          |
| Avatiu-Ruatonga           | 2.1                     | 6.2         | 15.3         | 23.4         | 20.1         | 31.0          | 33.8          | -               | 131.9         |
| Nikao-Panama              | .9                      | 6.6         | 14.4         | 13.5         | 23.8         | 9.3           | 22.4          | 12.5            | 103.2         |
| Ruaau-Arorangi            | .1                      | 1.9         | 11.1         | 25.2         | 34.4         | 38.8          | 67.8          | 79.0            | 258.3         |
| Murienua-Arorangi         | .4                      | 7.2         | 23.3         | 50.3         | 53.5         | 76.0          | 100.8         | 76.8            | 388.1         |
| Titikaveka                | -                       | 3.8         | 14.8         | 40.0         | 37.1         | 47.0          | 165.8         | 217.6           | 526.2         |
| Ngatangilia               | -                       | 2.3         | 8.6          | 24.1         | 24.8         | 36.5          | 14.0          | 104.8           | 215.0         |
| Matavera                  | .1                      | 3.7         | 8.4          | 28.0         | 27.0         | 25.5          | 51.0          | 42.8            | 186.5         |
| <b>RAROTONGA</b>          | <b>5.6</b>              | <b>46.8</b> | <b>132.2</b> | <b>267.3</b> | <b>267.5</b> | <b>338.4</b>  | <b>496.8</b>  | <b>545.1</b>    | <b>2099.6</b> |
| Aitutaki                  | .3                      | 4.6         | 21.4         | 99.2         | 194.6        | 332.4         | 468.0         | 319.1           | 1439.6        |
| Mangata                   | -                       | .5          | 9.8          | 53.0         | 84.2         | 179.7         | 308.5         | 225.5           | 861.2         |
| Atiu                      | .1                      | .3          | 2.0          | 34.5         | 60.6         | 155.8         | 214.0         | 335.0           | 802.3         |
| Mauke                     | -                       | -           | 3.3          | 15.9         | 29.3         | 78.0          | 264.5         | 159.8           | 550.7         |
| Mitiaro                   | -                       | -           | 1.5          | 20.6         | 35.0         | 21.6          | 24.0          | -               | 102.8         |
| <b>OTHER SOUTHERN IS.</b> | <b>.4</b>               | <b>5.4</b>  | <b>37.9</b>  | <b>223.3</b> | <b>403.6</b> | <b>767.4</b>  | <b>1279.1</b> | <b>1039.4</b>   | <b>3756.4</b> |
| Palmerston                | -                       | -           | -            | 2.0          | 6.3          | 4.0           | 18.0          | -               | 30.2          |
| Pukapuka                  | -                       | .3          | 26.8         | 44.3         | 16.5         | 16.5          | -             | -               | 104.4         |
| Nassau                    | -                       | -           | 2.5          | 7.0          | 10.0         | 6.0           | -             | -               | 25.5          |
| Manihiki                  | .1                      | .3          | 5.0          | 11.8         | 40.1         | 89.9          | 45.0          | 20.0            | 212.1         |
| Rakahanga                 | -                       | 2.4         | 1.8          | 10.5         | 17.0         | 34.5          | 16.5          | -               | 82.6          |
| Penrhyn                   | .1                      | 2.8         | 6.8          | 37.5         | 39.0         | 4.0           | 11.0          | 23.0            | 124.1         |
| <b>NORTHERN ISLANDS</b>   | <b>.3</b>               | <b>5.6</b>  | <b>42.9</b>  | <b>113.0</b> | <b>128.9</b> | <b>154.9</b>  | <b>90.5</b>   | <b>43.0</b>     | <b>579.0</b>  |
| <b>COOK ISLANDS</b>       | <b>6.3</b>              | <b>57.8</b> | <b>213.0</b> | <b>603.6</b> | <b>799.9</b> | <b>1260.7</b> | <b>1866.3</b> | <b>1627.5</b>   | <b>6435.0</b> |

Table 35: Area (acres) of Holdings by Location of Household and Location of Land

| Location of Household     | Location of Land |                   |                    |                  |                 |              |                |                   |              |              | RAROTONGA    |               |
|---------------------------|------------------|-------------------|--------------------|------------------|-----------------|--------------|----------------|-------------------|--------------|--------------|--------------|---------------|
|                           | Pue-Matavera     | Tupapa-Maraerenga | Takuvaine-Parekura | Tutakimoa-Teotue | Avaitu-Ruatonga | Nikao-Panama | Ruaau-Arorangi | Murienua-Arorangi | Titikaveka   | Ngatangia    |              | Matavera      |
| Pue-Matavera              | 99.9             | .3                | .8                 | -                | .1              | -            | -              | -                 | -            | -            | 1.3          | 102.4         |
| Tupapa-Maraerenga         | 1.8              | 88.9              | -                  | -                | -               | .8           | 1.9            | -                 | -            | -            | .8           | 94.0          |
| Takuvaine-Parekura        | -                | -                 | 76.8               | -                | -               | -            | -              | -                 | -            | -            | -            | 77.6          |
| Tutakimoa-Teotue          | -                | -                 | .3                 | 15.9             | -               | -            | -              | -                 | -            | -            | -            | 16.2          |
| Avaitu-Ruatonga           | 1.0              | -                 | -                  | -                | 130.3           | -            | -              | -                 | -            | 1.0          | -            | 132.3         |
| Nikao-Panama              | -                | -                 | 1.0                | .4               | 1.5             | 101.9        | -              | -                 | -            | -            | -            | 105.5         |
| Ruaau-Arorangi            | 2.5              | -                 | -                  | -                | -               | .5           | 256.5          | -                 | -            | -            | .8           | 264.2         |
| Murienua-Arorangi         | -                | -                 | -                  | -                | -               | -            | -              | 383.4             | -            | -            | -            | 383.4         |
| Titikaveka                | -                | -                 | -                  | -                | -               | -            | -              | -                 | 525.4        | -            | -            | 525.4         |
| Ngatangia                 | -                | -                 | -                  | -                | -               | -            | -              | -                 | -            | 213.2        | -            | 213.2         |
| Matavera                  | -                | -                 | -                  | -                | -               | -            | -              | -                 | -            | -            | 184.4        | 184.4         |
| <b>RAROTONGA</b>          | <b>105.2</b>     | <b>89.1</b>       | <b>78.8</b>        | <b>16.3</b>      | <b>131.9</b>    | <b>103.2</b> | <b>258.3</b>   | <b>388.1</b>      | <b>526.2</b> | <b>215.0</b> | <b>186.5</b> | <b>2098.6</b> |
| Aitutaki                  | -                | -                 | -                  | -                | -               | -            | -              | -                 | -            | -            | -            | -             |
| Mangaia                   | 1.0              | -                 | -                  | -                | -               | -            | -              | -                 | -            | -            | -            | 1.0           |
| Aitu                      | -                | -                 | -                  | -                | -               | -            | -              | -                 | -            | -            | -            | -             |
| Mauike                    | -                | -                 | -                  | -                | -               | -            | -              | -                 | -            | -            | -            | -             |
| Mitiaro                   | -                | -                 | -                  | -                | -               | -            | -              | -                 | -            | -            | -            | -             |
| <b>OTHER SOUTHERN IS.</b> | <b>1.0</b>       | <b>-</b>          | <b>-</b>           | <b>-</b>         | <b>-</b>        | <b>-</b>     | <b>-</b>       | <b>-</b>          | <b>-</b>     | <b>-</b>     | <b>-</b>     | <b>1.0</b>    |
| Palmerston                | -                | -                 | -                  | -                | -               | -            | -              | -                 | -            | -            | -            | -             |
| Pukapuka                  | -                | -                 | -                  | -                | -               | -            | -              | -                 | -            | -            | -            | -             |
| Nassau                    | -                | -                 | -                  | -                | -               | -            | -              | -                 | -            | -            | -            | -             |
| Kanibiki                  | -                | -                 | -                  | -                | -               | -            | -              | -                 | -            | -            | -            | -             |
| Rakahanga                 | -                | -                 | -                  | -                | -               | -            | -              | -                 | -            | -            | -            | -             |
| Penrhyn                   | -                | -                 | -                  | -                | -               | -            | -              | -                 | -            | -            | -            | -             |
| <b>NORTHERN ISLANDS</b>   | <b>-</b>         | <b>-</b>          | <b>-</b>           | <b>-</b>         | <b>-</b>        | <b>-</b>     | <b>-</b>       | <b>-</b>          | <b>-</b>     | <b>-</b>     | <b>-</b>     | <b>-</b>      |
| <b>COOK ISLANDS</b>       | <b>106.2</b>     | <b>89.1</b>       | <b>78.8</b>        | <b>16.3</b>      | <b>131.9</b>    | <b>103.2</b> | <b>258.3</b>   | <b>388.1</b>      | <b>526.2</b> | <b>215.0</b> | <b>186.5</b> | <b>2099.6</b> |



Table 36: Number of Parcels by Location of Land and Size of Parcel

| Location of Land          | Size of Parcel (Acres) |             |             |             |            |            |            |                 |             | Total |
|---------------------------|------------------------|-------------|-------------|-------------|------------|------------|------------|-----------------|-------------|-------|
|                           | Less than<br>0.25      | 0.25-0.49   | 0.50-0.99   | 1.00-1.99   | 2.00-2.99  | 3.00-4.99  | 5.00-9.99  | 10.00 &<br>over |             |       |
| Pue-Matavera              | 20                     | 64          | 71          | 38          | 12         | 2          | 1          | -               | 208         |       |
| Tupapa-Maraerenga         | 19                     | 39          | 19          | 11          | 4          | -          | -          | -               | 92          |       |
| Takuvaine-Parekura        | 44                     | 57          | 19          | 17          | 5          | 1          | 2          | -               | 145         |       |
| Tutakimoa-Teotue          | 7                      | 12          | 10          | 4           | 1          | -          | -          | -               | 34          |       |
| Avatiu-Ruatonga           | 49                     | 103         | 41          | 33          | 6          | 6          | -          | -               | 238         |       |
| Nikao-Panama              | 23                     | 58          | 45          | 30          | 6          | 3          | 5          | -               | 170         |       |
| Ruaau-Arorangi            | 2                      | 39          | 59          | 62          | 27         | 9          | 6          | 1               | 205         |       |
| Murienua-Arorangi         | 44                     | 112         | 147         | 88          | 38         | 18         | 4          | 1               | 452         |       |
| Titikaveka                | 17                     | 107         | 113         | 113         | 46         | 25         | 6          | 6               | 433         |       |
| Ngatangia                 | 4                      | 67          | 58          | 51          | 26         | 8          | 1          | 1               | 216         |       |
| Matavera                  | 13                     | 75          | 65          | 62          | 15         | 6          | 2          | -               | 238         |       |
| <b>RAROTONGA</b>          | <b>242</b>             | <b>733</b>  | <b>647</b>  | <b>509</b>  | <b>186</b> | <b>78</b>  | <b>27</b>  | <b>9</b>        | <b>2431</b> |       |
| Aitutaki                  | 61                     | 379         | 416         | 366         | 136        | 53         | 19         | 7               | 1437        |       |
| Mangaia                   | 40                     | 271         | 258         | 227         | 86         | 25         | 14         | 4               | 925         |       |
| Atiu                      | 2                      | 75          | 145         | 243         | 64         | 50         | 16         | 4               | 599         |       |
| Mauke                     | 5                      | 61          | 101         | 139         | 55         | 31         | 9          | 4               | 405         |       |
| Mitiaro                   | 2                      | 16          | 20          | 45          | 15         | 3          | -          | -               | 101         |       |
| <b>OTHER SOUTHERN IS.</b> | <b>110</b>             | <b>802</b>  | <b>940</b>  | <b>1020</b> | <b>356</b> | <b>162</b> | <b>58</b>  | <b>19</b>       | <b>3467</b> |       |
| Palmerston                | -                      | -           | -           | 2           | 3          | 1          | 3          | -               | 9           |       |
| Pukapuka                  | 22                     | 74          | 56          | 39          | 6          | -          | -          | -               | 197         |       |
| Nassau                    | -                      | -           | 5           | 6           | 5          | 2          | -          | -               | 18          |       |
| Manihiki                  | 1                      | 1           | 13          | 9           | 20         | 26         | 9          | 1               | 80          |       |
| Rakahanga                 | 6                      | 18          | 23          | 23          | 14         | 3          | -          | -               | 87          |       |
| Penrhyn                   | 1                      | 17          | 27          | 48          | 8          | 6          | 3          | -               | 110         |       |
| <b>NORTHERN ISLANDS</b>   | <b>30</b>              | <b>110</b>  | <b>124</b>  | <b>127</b>  | <b>56</b>  | <b>38</b>  | <b>15</b>  | <b>1</b>        | <b>501</b>  |       |
| <b>COOK ISLANDS</b>       | <b>382</b>             | <b>1645</b> | <b>1711</b> | <b>1656</b> | <b>598</b> | <b>278</b> | <b>100</b> | <b>29</b>       | <b>6399</b> |       |

Table 37: Area (acres) of Parcels by Location of Land and Size of Parcel

| Location of Land          | Size of Parcel (Acres) |              |              |               |               |              |              |                 |               |  | Total |
|---------------------------|------------------------|--------------|--------------|---------------|---------------|--------------|--------------|-----------------|---------------|--|-------|
|                           | Less than<br>0.25      | 0.25-0.49    | 0.50-0.99    | 1.00-1.99     | 2.00-2.99     | 3.00-4.99    | 5.00-9.99    | 10.00 &<br>over |               |  |       |
| Pue-Matavera              | 2.6                    | 16.1         | 41.4         | 44.1          | 26.0          | 6.0          | 5.0          | -               | 141.2         |  |       |
| Tupapa-Maraerenga         | 2.5                    | 9.9          | 10.5         | 13.5          | 8.5           | -            | -            | -               | 44.9          |  |       |
| Takuvaine-Parekura        | 5.3                    | 14.4         | 10.6         | 17.8          | 10.0          | 3.0          | 12.0         | -               | 73.0          |  |       |
| Tutakimoa-Teotue          | .9                     | 3.0          | 5.3          | 4.0           | 2.5           | -            | -            | -               | 15.7          |  |       |
| Avatiu-Ruatonga           | 6.0                    | 26.2         | 21.9         | 35.5          | 12.8          | 21.7         | -            | -               | 124.0         |  |       |
| Nikao-Panama              | 2.7                    | 14.5         | 25.8         | 33.3          | 13.0          | 10.0         | 36.0         | -               | 135.2         |  |       |
| Ruaau-Arorangi            | .3                     | 9.8          | 32.8         | 71.8          | 55.0          | 32.0         | 34.0         | -               | 247.5         |  |       |
| Murienua-Arorangi         | 4.9                    | 28.4         | 80.8         | 104.1         | 79.3          | 64.8         | 24.0         | 10.0            | 396.1         |  |       |
| Titikaveka                | 2.2                    | 26.8         | 64.8         | 127.5         | 96.5          | 82.7         | 35.0         | 85.5            | 521.0         |  |       |
| Ngatangia                 | .4                     | 16.8         | 30.3         | 54.3          | 54.5          | 29.2         | 5.0          | 12.0            | 202.5         |  |       |
| Matavera                  | 1.6                    | 18.9         | 37.3         | 73.8          | 31.3          | 21.5         | 12.0         | -               | 196.3         |  |       |
| <b>RAROTONGA</b>          | <b>29.5</b>            | <b>184.6</b> | <b>361.1</b> | <b>579.4</b>  | <b>389.3</b>  | <b>271.0</b> | <b>163.0</b> | <b>119.5</b>    | <b>2097.3</b> |  |       |
| Aitutaki                  | 7.6                    | 95.1         | 226.9        | 418.5         | 284.5         | 175.3        | 114.0        | 119.0           | 1440.9        |  |       |
| Mangaia                   | 4.9                    | 68.0         | 139.4        | 255.6         | 178.3         | 87.3         | 79.5         | 49.3            | 862.2         |  |       |
| Atiu                      | .3                     | 18.8         | 75.3         | 257.5         | 130.0         | 168.0        | 91.0         | 61.0            | 801.8         |  |       |
| Mauke                     | .6                     | 15.3         | 53.5         | 156.3         | 111.3         | 106.8        | 54.0         | 53.0            | 550.7         |  |       |
| Mitiaro                   | .3                     | 4.2          | 10.0         | 46.0          | 31.3          | 9.0          | -            | -               | 100.8         |  |       |
| <b>OTHER SOUTHERN IS.</b> | <b>13.7</b>            | <b>201.3</b> | <b>505.0</b> | <b>1133.9</b> | <b>735.3</b>  | <b>546.3</b> | <b>338.5</b> | <b>282.3</b>    | <b>3756.2</b> |  |       |
| Palmerston                | -                      | -            | -            | 2.0           | 6.3           | 4.0          | 18.0         | -               | 30.3          |  |       |
| Pukapuka                  | 2.9                    | 18.5         | 29.5         | 41.5          | 12.5          | -            | -            | -               | 104.9         |  |       |
| Nassau                    | -                      | -            | 2.5          | 7.0           | 10.0          | 6.0          | -            | -               | 25.5          |  |       |
| Manihiki                  | .1                     | .3           | 6.5          | 11.8          | 44.6          | 86.9         | 54.0         | 10.0            | 214.1         |  |       |
| Rakahanga                 | .8                     | 5.1          | 12.0         | 26.5          | 29.3          | 9.0          | -            | -               | 82.6          |  |       |
| Penrhyn                   | .1                     | 4.3          | 14.0         | 55.8          | 16.0          | 19.0         | 15.0         | -               | 124.1         |  |       |
| <b>NORTHERN ISLANDS</b>   | <b>3.9</b>             | <b>28.1</b>  | <b>64.5</b>  | <b>144.5</b>  | <b>118.6</b>  | <b>124.9</b> | <b>87.0</b>  | <b>10.0</b>     | <b>581.5</b>  |  |       |
| <b>COOK ISLANDS</b>       | <b>47.1</b>            | <b>414.0</b> | <b>930.7</b> | <b>1857.8</b> | <b>1243.1</b> | <b>942.1</b> | <b>588.5</b> | <b>411.8</b>    | <b>6435.0</b> |  |       |

Table 12: Number of Households Keeping Pigs by Location of Household and Size of Pig Holding

| Location of Household     | Size of Pig Holding |            |            |            |           |           | 50 & over   | Total |
|---------------------------|---------------------|------------|------------|------------|-----------|-----------|-------------|-------|
|                           | 1-4                 | 5-9        | 10-19      | 20-29      | 30-49     | 50 & over |             |       |
| Pue-Matavera              | 46                  | 22         | 14         | 3          | 1         | 1         | 87          |       |
| Tupapa-Maraerenga         | 22                  | 22         | 10         | 2          | 2         | -         | 58          |       |
| Takuvaine-Parekura        | 51                  | 18         | 14         | 2          | -         | -         | 85          |       |
| Tutakimoa-Teotue          | 21                  | 6          | 2          | -          | 1         | -         | 30          |       |
| Avatiu-Ruatonga           | 80                  | 20         | 19         | 7          | 2         | -         | 128         |       |
| Nikao-Panama              | 70                  | 33         | 14         | 1          | 1         | 2         | 121         |       |
| Ruaau-Arorangi            | 42                  | 28         | 19         | 15         | 4         | -         | 108         |       |
| Murienua-Arorangi         | 90                  | 33         | 18         | 5          | 4         | 1         | 151         |       |
| Titikaveka                | 59                  | 29         | 18         | 6          | 5         | 1         | 118         |       |
| Ngatangia                 | 31                  | 18         | 25         | 4          | 1         | 2         | 81          |       |
| Matavera                  | 36                  | 24         | 9          | 4          | 2         | 1         | 76          |       |
| <b>RAROTONGA</b>          | <b>548</b>          | <b>253</b> | <b>162</b> | <b>49</b>  | <b>23</b> | <b>8</b>  | <b>1043</b> |       |
| Aitutaki                  | 134                 | 74         | 38         | 9          | 2         | 1         | 258         |       |
| Mangaia                   | 75                  | 47         | 50         | 10         | 6         | 2         | 190         |       |
| Atiu                      | 20                  | 31         | 52         | 27         | 9         | 8         | 147         |       |
| Mauke                     | 25                  | 37         | 16         | 8          | 6         | -         | 92          |       |
| Mitiaro                   | 8                   | 25         | 9          | -          | 1         | -         | 43          |       |
| <b>OTHER SOUTHERN IS.</b> | <b>262</b>          | <b>214</b> | <b>165</b> | <b>54</b>  | <b>24</b> | <b>11</b> | <b>730</b>  |       |
| Palmerston                | 2                   | 6          | -          | 1          | -         | -         | 9           |       |
| Pukapuka                  | 45                  | 34         | 14         | -          | -         | -         | 93          |       |
| Nassau                    | 15                  | 2          | -          | -          | -         | -         | 17          |       |
| Manihiki                  | 17                  | 17         | -          | 1          | 2         | -         | 66          |       |
| Rakahanga                 | 16                  | 12         | 9          | 3          | 1         | -         | 41          |       |
| Penrhyn                   | 41                  | 27         | 4          | -          | 2         | -         | 74          |       |
| <b>NORTHERN ISLANDS</b>   | <b>136</b>          | <b>98</b>  | <b>56</b>  | <b>5</b>   | <b>5</b>  | <b>-</b>  | <b>300</b>  |       |
| <b>COOK ISLANDS</b>       | <b>946</b>          | <b>565</b> | <b>383</b> | <b>108</b> | <b>52</b> | <b>19</b> | <b>2073</b> |       |

Table 13: Number of Pigs by Location of Household and Size of Pig Holding

| Location of Household     | Size of Pig Holding |             |             |             |             |             | 50 & over    | Total |
|---------------------------|---------------------|-------------|-------------|-------------|-------------|-------------|--------------|-------|
|                           | 1-4                 | 5-9         | 10-19       | 20-29       | 30-49       | 50 & over   |              |       |
| Pue-Matavera              | 100                 | 145         | 180         | 69          | 35          | 50          | 579          |       |
| Tupapa-Maraerenga         | 40                  | 155         | 122         | 45          | 72          | -           | 434          |       |
| Takuvaine-Parekura        | 98                  | 115         | 185         | 41          | -           | -           | 439          |       |
| Tutakimoa-Teotue          | 31                  | 40          | 29          | -           | 32          | -           | 132          |       |
| Avatiu-Ruatonga           | 160                 | 145         | 264         | 157         | 75          | -           | 801          |       |
| Nikao-Panama              | 127                 | 210         | 193         | 26          | 32          | 165         | 753          |       |
| Ruaau-Arorangi            | 92                  | 193         | 246         | 333         | 171         | -           | 1035         |       |
| Murienua-Arorangi         | 181                 | 217         | 252         | 105         | 137         | 50          | 942          |       |
| Titikaveka                | 138                 | 195         | 263         | 143         | 186         | 132         | 1057         |       |
| Ngatangia                 | 67                  | 118         | 322         | 100         | 35          | 150         | 792          |       |
| Matavera                  | 60                  | 163         | 117         | 83          | 74          | 66          | 563          |       |
| <b>RAROTONGA</b>          | <b>1094</b>         | <b>1696</b> | <b>2173</b> | <b>1102</b> | <b>849</b>  | <b>613</b>  | <b>7527</b>  |       |
| Aitutaki                  | 300                 | 495         | 505         | 206         | 68          | 60          | 1634         |       |
| Mangaia                   | 160                 | 313         | 703         | 213         | 231         | 120         | 1740         |       |
| Atiu                      | 47                  | 206         | 692         | 593         | 356         | 439         | 2333         |       |
| Mauke                     | 58                  | 250         | 208         | 187         | 217         | -           | 920          |       |
| Mitiaro                   | 18                  | 177         | 117         | -           | 30          | -           | 342          |       |
| <b>OTHER SOUTHERN IS.</b> | <b>583</b>          | <b>1441</b> | <b>2225</b> | <b>1199</b> | <b>902</b>  | <b>619</b>  | <b>6969</b>  |       |
| Palmerston                | 7                   | 39          | -           | 20          | -           | -           | 66           |       |
| Pukapuka                  | 129                 | 205         | 174         | -           | -           | -           | 508          |       |
| Nassau                    | 23                  | 11          | -           | -           | -           | -           | 34           |       |
| Manihiki                  | 45                  | 108         | 406         | 29          | 75          | -           | 663          |       |
| Rakahanga                 | 38                  | 76          | 106         | 67          | 35          | -           | 322          |       |
| Penrhyn                   | 96                  | 163         | 47          | -           | 64          | -           | 370          |       |
| <b>NORTHERN ISLANDS</b>   | <b>338</b>          | <b>602</b>  | <b>733</b>  | <b>116</b>  | <b>174</b>  | <b>-</b>    | <b>1963</b>  |       |
| <b>COOK ISLANDS</b>       | <b>2015</b>         | <b>3739</b> | <b>5131</b> | <b>2417</b> | <b>1925</b> | <b>1232</b> | <b>16459</b> |       |

Table 14: Number of Households Keeping Cattle by Location of Household and Size of Cattle Holding

| Location of Household     | Size of Cattle Holding |           |           |          |           | 5 & over  | Total     |
|---------------------------|------------------------|-----------|-----------|----------|-----------|-----------|-----------|
|                           | 1                      | 2         | 3         | 4        |           |           |           |
| Pue-Matavera              | 2                      | -         | 1         | -        | -         | 1         | 4         |
| Tupapa-Maraerenga         | 1                      | -         | 1         | -        | -         | -         | 2         |
| Takuvaine-Parekura        | -                      | -         | -         | -        | -         | -         | -         |
| Tutakimoa-Teotue          | -                      | -         | -         | -        | -         | -         | -         |
| Avatiu-Ruatonga           | 1                      | -         | -         | 1        | -         | 4         | 6         |
| Nikao-Panama              | 2                      | 2         | -         | -        | -         | -         | 4         |
| Ruaau-Arorangi            | 3                      | 4         | 2         | -        | -         | 1         | 10        |
| Murienua-Arorangi         | 4                      | 2         | 1         | -        | -         | -         | 7         |
| Titikaveka                | 4                      | 4         | 6         | 2        | -         | 1         | 17        |
| Ngatangia                 | 3                      | 1         | 3         | -        | -         | -         | 7         |
| Matavera                  | 4                      | 2         | -         | -        | -         | 1         | 7         |
| <b>RAROTONGA</b>          | <b>24</b>              | <b>15</b> | <b>14</b> | <b>3</b> | <b>8</b>  | <b>8</b>  | <b>64</b> |
| Aitutaki                  | 4                      | 1         | 2         | 1        | 2         | -         | 10        |
| Mangata                   | 1                      | -         | -         | -        | -         | -         | 1         |
| Atiu                      | 1                      | 1         | -         | -        | -         | -         | 2         |
| Mauke                     | 1                      | 3         | 2         | 3        | -         | -         | 9         |
| Mitiaro                   | -                      | -         | -         | -        | -         | -         | -         |
| <b>OTHER SOUTHERN IS.</b> | <b>7</b>               | <b>5</b>  | <b>4</b>  | <b>4</b> | <b>2</b>  | <b>2</b>  | <b>22</b> |
| Palmerston                | -                      | -         | -         | -        | -         | -         | -         |
| Pukapuka                  | -                      | -         | -         | -        | -         | -         | -         |
| Nassau                    | -                      | -         | -         | -        | -         | -         | -         |
| Manihiki                  | -                      | -         | -         | -        | -         | -         | -         |
| Rakahanga                 | -                      | -         | -         | -        | -         | -         | -         |
| Penrhyn                   | -                      | -         | -         | -        | -         | -         | -         |
| <b>NORTHERN ISLANDS</b>   | <b>-</b>               | <b>-</b>  | <b>-</b>  | <b>-</b> | <b>-</b>  | <b>-</b>  | <b>-</b>  |
| <b>COOK ISLANDS</b>       | <b>31</b>              | <b>20</b> | <b>18</b> | <b>7</b> | <b>10</b> | <b>86</b> | <b>86</b> |

Table 15: Number of Cattle by Location of Household and Size of Cattle Holding

| Location of Household     | Size of Cattle Holding |           |           |           |           | 5 & over   | Total      |
|---------------------------|------------------------|-----------|-----------|-----------|-----------|------------|------------|
|                           | 1                      | 2         | 3         | 4         |           |            |            |
| Pue-Matavera              | 2                      | -         | 3         | -         | -         | 5          | 10         |
| Tupapa-Maraerenga         | 1                      | -         | 3         | -         | -         | -          | 4          |
| Takuvaine-Parekura        | -                      | -         | -         | -         | -         | -          | -          |
| Tutakimoa-Teotue          | -                      | -         | -         | -         | -         | -          | -          |
| Avatiu-Ruatonga           | 1                      | -         | -         | 4         | -         | 28         | 33         |
| Nikao-Panama              | 2                      | 4         | -         | -         | -         | -          | 6          |
| Ruaau-Arorangi            | 3                      | 8         | 6         | -         | -         | 14         | 31         |
| Murienua-Arorangi         | 4                      | 4         | 3         | -         | -         | -          | 11         |
| Titikaveka                | 4                      | 8         | 18        | 8         | -         | 5          | 43         |
| Ngatangia                 | 3                      | 2         | 9         | -         | -         | -          | 14         |
| Matavera                  | 4                      | 4         | -         | -         | -         | 5          | 13         |
| <b>RAROTONGA</b>          | <b>24</b>              | <b>30</b> | <b>42</b> | <b>12</b> | <b>57</b> | <b>165</b> | <b>165</b> |
| Aitutaki                  | 4                      | 2         | 6         | 4         | 36        | -          | 52         |
| Mangata                   | 1                      | -         | -         | -         | -         | -          | 1          |
| Atiu                      | 1                      | 2         | -         | -         | -         | -          | 3          |
| Mauke                     | 1                      | 6         | 6         | 12        | -         | -          | 25         |
| Mitiaro                   | -                      | -         | -         | -         | -         | -          | -          |
| <b>OTHER SOUTHERN IS.</b> | <b>7</b>               | <b>10</b> | <b>12</b> | <b>16</b> | <b>36</b> | <b>81</b>  | <b>81</b>  |
| Palmerston                | -                      | -         | -         | -         | -         | -          | -          |
| Pukapuka                  | -                      | -         | -         | -         | -         | -          | -          |
| Nassau                    | -                      | -         | -         | -         | -         | -          | -          |
| Manihiki                  | -                      | -         | -         | -         | -         | -          | -          |
| Rakahanga                 | -                      | -         | -         | -         | -         | -          | -          |
| Penrhyn                   | -                      | -         | -         | -         | -         | -          | -          |
| <b>NORTHERN ISLANDS</b>   | <b>-</b>               | <b>-</b>  | <b>-</b>  | <b>-</b>  | <b>-</b>  | <b>-</b>   | <b>-</b>   |
| <b>COOK ISLANDS</b>       | <b>31</b>              | <b>40</b> | <b>54</b> | <b>28</b> | <b>93</b> | <b>246</b> | <b>246</b> |

Table 38: Number of Parcels by In Use/Fallow Classification, Location of Land and Land Tenure (continued)  
 In Use/Fallow Classification: ALL PARCELS

| Location of Land          | Land Tenure |          |             |                     |                      |                                  |                                          |               |           |             | Total |
|---------------------------|-------------|----------|-------------|---------------------|----------------------|----------------------------------|------------------------------------------|---------------|-----------|-------------|-------|
|                           | Crown       | European | Customary   | Freehold-<br>Leased | Freehold-<br>License | Freehold-<br>Occupation<br>Right | Freehold-<br>Long<br>Occupation<br>Right | Not<br>Stated |           |             |       |
| Pue-Matavera              | -           | -        | 12          | 19                  | 75                   | 67                               | 35                                       | -             | -         | 208         |       |
| Tupapa-Maraerenga         | -           | -        | 6           | 8                   | 23                   | 26                               | 29                                       | -             | -         | 92          |       |
| Takuvaine-Parekura        | -           | -        | 34          | 11                  | 50                   | 40                               | 5                                        | 5             | -         | 145         |       |
| Tutakimoa-Teotue          | -           | 1        | -           | 6                   | 18                   | 4                                | 5                                        | -             | -         | 34          |       |
| Avatiu-Ruatonga           | -           | -        | 35          | 7                   | 109                  | 75                               | 10                                       | 2             | -         | 238         |       |
| Nikao-Panama              | -           | -        | 39          | 18                  | 45                   | 56                               | 11                                       | 1             | -         | 170         |       |
| Ruaau-Arorangi            | -           | -        | 31          | 16                  | 96                   | 56                               | 6                                        | -             | -         | 205         |       |
| Murienua-Arorangi         | 1           | -        | 173         | 36                  | 61                   | 171                              | 7                                        | 3             | -         | 452         |       |
| Titikaveka                | -           | 1        | 142         | 46                  | 140                  | 87                               | 15                                       | 2             | -         | 433         |       |
| Ngatangila                | -           | -        | 11          | 6                   | 71                   | 59                               | 68                                       | 1             | -         | 216         |       |
| Matavera                  | -           | -        | 74          | 6                   | 94                   | 51                               | 13                                       | -             | -         | 238         |       |
| <b>RAROTONGA</b>          | <b>1</b>    | <b>2</b> | <b>557</b>  | <b>179</b>          | <b>782</b>           | <b>692</b>                       | <b>204</b>                               | <b>14</b>     | <b>14</b> | <b>2431</b> |       |
| Aitutaki                  | 1           | -        | 1257        | 3                   | 54                   | 122                              | -                                        | -             | -         | 1437        |       |
| Mangaia                   | -           | 1        | 924         | -                   | -                    | -                                | -                                        | -             | -         | 925         |       |
| Atiu                      | -           | -        | 1           | 3                   | 89                   | 493                              | 13                                       | -             | -         | 599         |       |
| Mauke                     | -           | -        | -           | -                   | 4                    | 401                              | -                                        | -             | -         | 405         |       |
| Mitiaro                   | -           | -        | 101         | -                   | -                    | -                                | -                                        | -             | -         | 101         |       |
| <b>OTHER SOUTHERN IS.</b> | <b>1</b>    | <b>1</b> | <b>2283</b> | <b>6</b>            | <b>147</b>           | <b>1016</b>                      | <b>13</b>                                | <b>-</b>      | <b>-</b>  | <b>3467</b> |       |
| Palmerston                | -           | -        | 5           | -                   | -                    | -                                | 4                                        | -             | -         | 9           |       |
| Pukapuka                  | -           | -        | 197         | -                   | -                    | -                                | -                                        | -             | -         | 197         |       |
| Nassau                    | -           | -        | 18          | -                   | -                    | -                                | -                                        | -             | -         | 18          |       |
| Manihiki                  | -           | -        | 79          | -                   | -                    | 1                                | -                                        | -             | -         | 80          |       |
| Rakahanga                 | -           | -        | 83          | 4                   | -                    | -                                | -                                        | -             | -         | 87          |       |
| Penrhyn                   | -           | -        | 110         | -                   | -                    | -                                | -                                        | -             | -         | 110         |       |
| <b>NORTHERN ISLANDS</b>   | <b>-</b>    | <b>-</b> | <b>492</b>  | <b>4</b>            | <b>-</b>             | <b>1</b>                         | <b>4</b>                                 | <b>-</b>      | <b>-</b>  | <b>501</b>  |       |
| <b>COOK ISLANDS</b>       | <b>2</b>    | <b>3</b> | <b>3332</b> | <b>189</b>          | <b>929</b>           | <b>1709</b>                      | <b>221</b>                               | <b>14</b>     | <b>14</b> | <b>6399</b> |       |

Table 39: Number and Area (acres) of Parcels by Location of Land and In Use/Fallow Classification

| Location of Land          | In Use/Fallow Classification |               |             |               |             |               |
|---------------------------|------------------------------|---------------|-------------|---------------|-------------|---------------|
|                           | IN USE                       |               | FALLOW      |               | ALL PARCELS |               |
|                           | Number                       | Area          | Number      | Area          | Number      | Area          |
| Pue-Matavera              | 168                          | 110.7         | 40          | 30.5          | 208         | 141.2         |
| Tupapa-Maraerenga         | 74                           | 34.8          | 18          | 10.1          | 92          | 44.9          |
| Takuvaine-Parekura        | 124                          | 56.0          | 21          | 17.0          | 145         | 73.0          |
| Tutakimoa-Teotue          | 29                           | 14.7          | 5           | 1.0           | 34          | 15.7          |
| Avatiu-Ruatonga           | 215                          | 98.0          | 23          | 26.0          | 238         | 124.0         |
| Nikao-Panama              | 141                          | 105.7         | 29          | 29.5          | 170         | 135.2         |
| Ruaau-Arorangi            | 176                          | 210.3         | 29          | 37.3          | 205         | 247.5         |
| Murienua-Arorangi         | 377                          | 332.6         | 75          | 63.5          | 452         | 396.1         |
| Titikaveka                | 349                          | 423.1         | 84          | 97.9          | 433         | 521.0         |
| Ngatangia                 | 180                          | 177.6         | 36          | 24.9          | 216         | 202.5         |
| Matavera                  | 193                          | 161.0         | 45          | 35.3          | 238         | 196.3         |
| <b>RAROTONGA</b>          | <b>2026</b>                  | <b>1724.4</b> | <b>405</b>  | <b>372.9</b>  | <b>2431</b> | <b>2097.3</b> |
| Aitutaki                  | 1145                         | 1177.9        | 292         | 262.9         | 1437        | 1440.9        |
| Mangala                   | 629                          | 483.9         | 296         | 378.3         | 925         | 862.2         |
| Atiu                      | 412                          | 528.8         | 187         | 273.0         | 599         | 801.8         |
| Mauke                     | 318                          | 422.1         | 87          | 128.5         | 405         | 550.7         |
| Mitiaro                   | 98                           | 96.8          | 3           | 4.0           | 101         | 100.8         |
| <b>OTHER SOUTHERN IS.</b> | <b>2602</b>                  | <b>2709.5</b> | <b>865</b>  | <b>1046.7</b> | <b>3467</b> | <b>3756.2</b> |
| Palmerston                | 9                            | 30.3          | 0           | .0            | 9           | 30.3          |
| Pukapuka                  | 170                          | 98.2          | 27          | 6.7           | 197         | 104.9         |
| Nassau                    | 18                           | 25.5          | 0           | .0            | 18          | 25.5          |
| Manihiki                  | 80                           | 214.1         | 0           | .0            | 80          | 214.1         |
| Rakahanga                 | 87                           | 82.6          | 0           | .0            | 87          | 82.6          |
| Penrhyn                   | 109                          | 121.1         | 1           | 3.0           | 110         | 124.1         |
| <b>NORTHERN ISLANDS</b>   | <b>473</b>                   | <b>571.8</b>  | <b>28</b>   | <b>9.7</b>    | <b>501</b>  | <b>581.5</b>  |
| <b>COOK ISLANDS</b>       | <b>5101</b>                  | <b>5005.7</b> | <b>1298</b> | <b>1429.4</b> | <b>6399</b> | <b>6435.0</b> |

Table 40: Area (acres) of Parcels In Use by Location of Land and Number of Years in Continuous Use

| Location of Land          | Number of years |              |               |              |              |              |              |              |               |  | 50 & over | Total |
|---------------------------|-----------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|--|-----------|-------|
|                           | Less than 5     | 5-9          | 10-14         | 15-19        | 20-29        | 30-39        | 40-49        |              |               |  |           |       |
| Pue-Matavera              | 26.9            | 21.9         | 29.1          | 7.0          | 10.1         | 14.5         | .8           | .4           | 110.7         |  |           |       |
| Tupapa-Maraerenga         | 12.5            | 7.0          | 4.5           | 4.0          | 2.3          | 2.5          | 2.0          | -            | 34.8          |  |           |       |
| Takuvaine-Parekura        | 10.8            | 7.9          | 8.9           | 9.5          | 6.8          | 1.6          | 2.8          | 7.8          | 56.0          |  |           |       |
| Tutakimoa-Teotue          | 2.4             | 1.3          | 6.1           | .3           | 1.6          | .3           | 1.0          | 1.8          | 14.7          |  |           |       |
| Avatiu-Ruatonga           | 13.7            | 15.1         | 43.3          | 4.9          | 11.1         | 1.4          | 7.8          | .8           | 98.0          |  |           |       |
| Nikao-Panama              | 22.3            | 20.3         | 31.4          | .3           | 3.5          | 17.0         | 9.5          | 1.5          | 105.7         |  |           |       |
| Ruaau-Arorangi            | 45.8            | 23.5         | 50.4          | .8           | 34.6         | 37.5         | 13.8         | 4.0          | 210.3         |  |           |       |
| Murienua-Arorangi         | 54.3            | 53.4         | 88.0          | 19.9         | 68.1         | 18.5         | 20.3         | 10.0         | 332.6         |  |           |       |
| Nitikaveka                | 76.3            | 83.8         | 164.3         | 5.2          | 41.0         | 11.5         | 26.5         | 14.5         | 423.1         |  |           |       |
| Ngatangia                 | 23.5            | 44.1         | 66.1          | 4.3          | 13.9         | 6.3          | .5           | 19.0         | 177.6         |  |           |       |
| Matavera                  | 36.5            | 16.4         | 28.0          | 16.3         | 39.8         | 8.5          | 6.0          | 9.6          | 161.0         |  |           |       |
| <b>RAROTONGA</b>          | <b>325.0</b>    | <b>294.5</b> | <b>520.1</b>  | <b>72.4</b>  | <b>232.8</b> | <b>119.6</b> | <b>90.8</b>  | <b>69.3</b>  | <b>1724.4</b> |  |           |       |
| Aitutaki                  | 215.5           | 159.0        | 201.1         | 58.5         | 161.6        | 90.9         | 109.3        | 182.0        | 1177.9        |  |           |       |
| Mangaia                   | 125.4           | 67.4         | 290.1         | 1.0          | -            | -            | -            | -            | 483.9         |  |           |       |
| Atiu                      | 181.3           | 86.0         | 214.8         | 2.3          | 16.8         | 27.8         | -            | -            | 528.8         |  |           |       |
| Mauke                     | 87.0            | 51.0         | 130.6         | 34.8         | 50.8         | 36.3         | 13.0         | 18.8         | 422.1         |  |           |       |
| Mitiaro                   | 7.1             | 1.5          | 18.3          | 2.0          | 10.8         | 9.0          | 22.3         | 25.8         | 96.8          |  |           |       |
| <b>OTHER SOUTHERN IS.</b> | <b>616.2</b>    | <b>364.9</b> | <b>854.9</b>  | <b>98.5</b>  | <b>240.0</b> | <b>163.9</b> | <b>144.5</b> | <b>226.5</b> | <b>2709.5</b> |  |           |       |
| Palmerston                | -               | -            | 2.3           | -            | -            | 2.0          | -            | 26.0         | 30.3          |  |           |       |
| Pukapuka                  | 15.2            | .8           | 8.0           | 14.2         | 21.0         | 10.0         | 10.0         | 19.0         | 98.2          |  |           |       |
| Nassau                    | -               | -            | 21.0          | 2.5          | 2.0          | -            | -            | -            | 25.5          |  |           |       |
| Manihiki                  | 10.0            | 18.0         | 5.6           | 11.6         | 22.6         | 70.5         | 51.8         | 24.0         | 214.1         |  |           |       |
| Rakahanga                 | 1.5             | 9.4          | 38.0          | 22.3         | 11.3         | -            | .3           | -            | 82.6          |  |           |       |
| Penrhyn                   | -               | 2.6          | 10.3          | .5           | 7.3          | 78.8         | 14.0         | 7.7          | 121.1         |  |           |       |
| <b>NORTHERN ISLANDS</b>   | <b>26.7</b>     | <b>30.8</b>  | <b>85.1</b>   | <b>51.1</b>  | <b>64.1</b>  | <b>161.3</b> | <b>76.0</b>  | <b>76.8</b>  | <b>571.8</b>  |  |           |       |
| <b>COOK ISLANDS</b>       | <b>967.9</b>    | <b>690.2</b> | <b>1460.2</b> | <b>222.0</b> | <b>536.9</b> | <b>444.7</b> | <b>311.3</b> | <b>372.6</b> | <b>5005.7</b> |  |           |       |

Table 41: Area (acres) of Fallow Parcels by Location of Land and Number of Years Unused

| Location of Land          | Number of years |              |              |             |             |             |            |            |  |  | Total         |
|---------------------------|-----------------|--------------|--------------|-------------|-------------|-------------|------------|------------|--|--|---------------|
|                           | Less than 5     | 5-9          | 10-14        | 15-19       | 20-29       | 30-39       | 40-49      | 50 & over  |  |  |               |
| Pue-Matavera              | 19.1            | 3.3          | 4.4          | -           | .8          | -           | 3.0        | -          |  |  | 30.5          |
| Tupapa-Maraerenga         | 2.5             | 3.8          | 3.4          | .1          | .3          | .1          | -          | -          |  |  | 10.1          |
| Takuvaine-Parekura        | 4.3             | 2.6          | 8.0          | 2.0         | -           | -           | .1         | -          |  |  | 17.0          |
| Tutakimoa-Teotue          | .5              | .3           | -            | -           | .3          | -           | -          | -          |  |  | 1.0           |
| Avatiu-Ruatonga           | 7.2             | 3.0          | 14.0         | -           | 1.8         | -           | -          | -          |  |  | 26.0          |
| Nikao-Panama              | 18.4            | 4.8          | 5.9          | -           | -           | -           | .5         | -          |  |  | 29.5          |
| Ruaau-Arorangi            | 20.5            | 9.5          | 7.3          | -           | -           | -           | -          | -          |  |  | 37.3          |
| Murienua-Arorangi         | 39.6            | 6.1          | 6.0          | 2.0         | 3.8         | -           | -          | 6.0        |  |  | 63.5          |
| Titikaveka                | 47.9            | 15.5         | 24.8         | 5.3         | 4.5         | -           | -          | -          |  |  | 97.9          |
| Ngatangiaia               | 18.4            | 2.0          | 3.0          | .8          | .5          | .3          | -          | -          |  |  | 24.9          |
| Matavera                  | 22.0            | 1.0          | 4.0          | 4.0         | 2.5         | -           | 1.8        | -          |  |  | 35.3          |
| <b>RAKOTONGA</b>          | <b>200.4</b>    | <b>51.8</b>  | <b>80.6</b>  | <b>14.1</b> | <b>14.3</b> | <b>.4</b>   | <b>5.4</b> | <b>6.0</b> |  |  | <b>372.9</b>  |
| Aitutaki                  | 175.2           | 79.8         | 1.8          | .3          | 4.0         | 2.0         | -          | -          |  |  | 262.9         |
| Mangaia                   | 171.3           | 198.8        | 8.2          | -           | -           | -           | -          | -          |  |  | 378.3         |
| Atiu                      | 48.0            | 71.0         | 137.5        | -           | 7.0         | 9.5         | -          | -          |  |  | 273.0         |
| Mauke                     | 32.5            | 13.0         | 62.5         | 2.5         | 7.5         | 9.5         | -          | 1.0        |  |  | 128.5         |
| Mitiaro                   | 1.0             | .5           | -            | -           | -           | -           | -          | 2.5        |  |  | 4.0           |
| <b>OTHER SOUTHERN IS.</b> | <b>428.0</b>    | <b>363.0</b> | <b>210.0</b> | <b>2.8</b>  | <b>18.5</b> | <b>21.0</b> | <b>-</b>   | <b>3.5</b> |  |  | <b>1046.7</b> |
| Palmerston                | -               | -            | -            | -           | -           | -           | -          | -          |  |  | -             |
| Pukapuka                  | 6.7             | -            | -            | -           | -           | -           | -          | -          |  |  | 6.7           |
| Nassau                    | -               | -            | -            | -           | -           | -           | -          | -          |  |  | -             |
| Manihiki                  | -               | -            | -            | -           | -           | -           | -          | -          |  |  | -             |
| Rakahanga                 | -               | -            | -            | -           | -           | -           | -          | -          |  |  | -             |
| Penrhyn                   | -               | -            | 3.0          | -           | -           | -           | -          | -          |  |  | 3.0           |
| <b>NORTHERN ISLANDS</b>   | <b>6.7</b>      | <b>-</b>     | <b>3.0</b>   | <b>-</b>    | <b>-</b>    | <b>-</b>    | <b>-</b>   | <b>-</b>   |  |  | <b>9.7</b>    |
| <b>COOK ISLANDS</b>       | <b>635.0</b>    | <b>414.8</b> | <b>293.6</b> | <b>16.9</b> | <b>32.8</b> | <b>21.4</b> | <b>5.4</b> | <b>9.5</b> |  |  | <b>1429.4</b> |

Table 42: Number of Persons Working in a Paid Capacity on Holdings during the Month Prior to Enumeration (August 1988) by Location of Household and Age Group

| Island       | Age Group |       |       |           | Total |
|--------------|-----------|-------|-------|-----------|-------|
|              | 10-19     | 20-39 | 40-59 | 60 & over |       |
| Rarotonga    | 31        | 70    | 9     | 1         | 111   |
| Aitutaki     | 11        | 3     | 1     | -         | 15    |
| Mangaia      | 5         | 12    | 2     | 1         | 20    |
| Atiu         | 3         | 11    | -     | -         | 14    |
| Mauke        | -         | 2     | -     | -         | 2     |
| Mitiaro      | -         | 2     | -     | -         | 2     |
| Palmerston   | -         | -     | -     | -         | -     |
| Pukapuka     | -         | -     | -     | -         | -     |
| Nassau       | -         | -     | -     | -         | -     |
| Manihiki     | -         | -     | -     | -         | -     |
| Rakahanga    | -         | -     | -     | -         | -     |
| Penrhyn      | -         | -     | -     | -         | -     |
| COOK ISLANDS | 50        | 100   | 12    | 2         | 164   |

Table 43: Average Hours Worked per Month by Persons Working in a Paid Capacity on Holdings during the Month Prior to the Enumeration by Location of Household and Age Group

| Island       | Age Group |       |       |           | Total |
|--------------|-----------|-------|-------|-----------|-------|
|              | 10-19     | 20-39 | 40-59 | 60 & over |       |
| Rarotonga    | 63        | 51    | 101   | 140       | 59    |
| Aitutaki     | 8         | 9     | 20    | -         | 9     |
| Mangaia      | 26        | 7     | 12    | 60        | 15    |
| Atiu         | 93        | 144   | -     | -         | 133   |
| Mauke        | -         | 36    | -     | -         | 36    |
| Mitiaro      | -         | 160   | -     | -         | 160   |
| Palmerston   | -         | -     | -     | -         | -     |
| Pukapuka     | -         | -     | -     | -         | -     |
| Nassau       | -         | -     | -     | -         | -     |
| Manihiki     | -         | -     | -     | -         | -     |
| Rakahanga    | -         | -     | -     | -         | -     |
| Penrhyn      | -         | -     | -     | -         | -     |
| COOK ISLANDS | 49        | 56    | 79    | 100       | 56    |

Table 44: Average Wages (NZ\$) per Month of Persons Working in a Paid Capacity on Holdings during the Month Prior to the Enumeration by Location of Household and Age Group

| Island       | Age Group |       |       |           | Total |
|--------------|-----------|-------|-------|-----------|-------|
|              | 10-19     | 20-39 | 40-59 | 60 & over |       |
| Rarotonga    | 140       | 116   | 232   | 360       | 134   |
| Aitutaki     | 25        | 11    | 15    | -         | 21    |
| Mangaia      | 47        | 17    | 23    | 120       | 30    |
| Atiu         | 187       | 281   | -     | -         | 261   |
| Mauke        | -         | 59    | -     | -         | 59    |
| Mitiaro      | -         | 160   | -     | -         | 160   |
| Palmerston   | -         | -     | -     | -         | -     |
| Pukapuka     | -         | -     | -     | -         | -     |
| Nassau       | -         | -     | -     | -         | -     |
| Manihiki     | -         | -     | -     | -         | -     |
| Rakahanga    | -         | -     | -     | -         | -     |
| Penrhyn      | -         | -     | -     | -         | -     |
| COOK ISLANDS | 108       | 119   | 179   | 240       | 121   |

Table 45: Number of Persons Working on a Paid Capacity on Holdings during the Month Prior to Enumeration  
by Location of Household and Type of Other Benefits Received

| Island       | Free/<br>Subsidized<br>Housing Only | Free/<br>Subsidized<br>Meals Only | Free/<br>Subsidized<br>Housing and<br>Meals | Other Benefits                                                                         |                                                                            | Others | No Benefits | Total |
|--------------|-------------------------------------|-----------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------|-------------|-------|
|              |                                     |                                   |                                             | Free/<br>Subsidized<br>Housing,<br>Meals and<br>Private Use<br>of Owner's<br>Equipment | Free/<br>Subsidized<br>Meals and<br>Private Use<br>of Owner's<br>Equipment |        |             |       |
| Rarotonga    | -                                   | 63                                | 5                                           | 1                                                                                      | 1                                                                          | 11     | 30          | 111   |
| Aitutaki     | -                                   | 5                                 | 1                                           | -                                                                                      | -                                                                          | 2      | 7           | 15    |
| Mangaia      | -                                   | 12                                | -                                           | -                                                                                      | -                                                                          | -      | 8           | 20    |
| Atiu         | 2                                   | 4                                 | 2                                           | -                                                                                      | -                                                                          | -      | 6           | 14    |
| Mauke        | -                                   | 1                                 | -                                           | -                                                                                      | -                                                                          | 1      | -           | 2     |
| Mitiaro      | -                                   | -                                 | -                                           | -                                                                                      | -                                                                          | -      | 2           | 2     |
| Palmerston   | -                                   | -                                 | -                                           | -                                                                                      | -                                                                          | -      | -           | -     |
| Pukapuka     | -                                   | -                                 | -                                           | -                                                                                      | -                                                                          | -      | -           | -     |
| Nassau       | -                                   | -                                 | -                                           | -                                                                                      | -                                                                          | -      | -           | -     |
| Manihiki     | -                                   | -                                 | -                                           | -                                                                                      | -                                                                          | -      | -           | -     |
| Rakahanga    | -                                   | -                                 | -                                           | -                                                                                      | -                                                                          | -      | -           | -     |
| Penrhyn      | -                                   | -                                 | -                                           | -                                                                                      | -                                                                          | -      | -           | -     |
| COOK ISLANDS | 2                                   | 85                                | 8                                           | 1                                                                                      | 1                                                                          | 14     | 53          | 164   |

Table 46: Crops Growing in Parcels Other than Scattered Crops - Number of Separate Plantings by Type of Crop and Island

| Type of Crop           | ISLAND     |           |         |      |       |         |            |          |        |          |           |         |         | COOK ISLANDS |
|------------------------|------------|-----------|---------|------|-------|---------|------------|----------|--------|----------|-----------|---------|---------|--------------|
|                        | Raro-tonga | Aitu-taki | Mangaia | Atiu | Mauke | Mitiaro | Palmerston | Pukapuka | Nassau | Manihiki | Rakahanga | Fanning | ISLANDS |              |
| Avocado                | 11         | -         | -       | -    | -     | -       | -          | -        | -      | -        | -         | -       | -       | 11           |
| Banana-Cavendish       | 222        | 217       | 25      | 33   | 5     | -       | -          | -        | -      | 1        | -         | -       | -       | 505          |
| Banana-Ladyfinger      | 44         | 6         | 16      | 44   | 35    | 8       | -          | -        | -      | 6        | -         | -       | -       | 159          |
| Banana-Plantain        | 33         | 36        | 5       | 25   | 32    | -       | -          | -        | -      | -        | -         | -       | 21      | 156          |
| Bean-Export            | 36         | 2         | -       | -    | 1     | -       | -          | -        | -      | -        | -         | -       | -       | 39           |
| Breadfruit             | 5          | 1         | -       | -    | -     | -       | -          | -        | -      | -        | -         | -       | -       | 8            |
| Cabbage-European       | 26         | 11        | 2       | 9    | 3     | -       | -          | -        | -      | 1        | -         | -       | -       | 52           |
| Capiscum               | 7          | 2         | 1       | -    | 9     | -       | -          | -        | -      | -        | -         | -       | -       | 19           |
| Cassava                | 665        | 567       | 193     | 140  | 146   | 64      | 6          | -        | -      | 1        | -         | -       | -       | 1791         |
| Chestnut               | 1          | 4         | -       | -    | -     | 1       | -          | -        | -      | -        | -         | -       | -       | 6            |
| Chilli                 | 4          | -         | -       | -    | -     | 4       | -          | -        | -      | -        | -         | -       | -       | 17           |
| Citrus-Orange          | 380        | 64        | 11      | 15   | 2     | -       | -          | -        | -      | -        | -         | -       | -       | 472          |
| Coconut                | 142        | 128       | 11      | 20   | 46    | 43      | 9          | -        | -      | 76       | -         | -       | -       | 472          |
| Coffee                 | 1          | -         | 6       | 25   | 2     | -       | -          | 94       | -      | -        | 110       | -       | 88      | 767          |
| Kumara                 | 322        | 268       | 156     | 32   | 75    | 60      | -          | -        | -      | 9        | -         | -       | 3       | 925          |
| Mango                  | 15         | 1         | -       | -    | 1     | -       | -          | -        | -      | -        | -         | -       | -       | 17           |
| Melon-Water            | 42         | 12        | 2       | 3    | 8     | -       | -          | -        | -      | -        | -         | -       | -       | 67           |
| Pawpaw-Solo            | 222        | 4         | 1       | -    | 2     | -       | -          | -        | -      | 1        | -         | -       | 9       | 237          |
| Pineapple              | 8          | 19        | 45      | 22   | 6     | -       | -          | -        | -      | 1        | -         | -       | -       | 100          |
| Puraka                 | 1          | 27        | -       | -    | -     | 21      | 7          | 80       | 6      | 15       | 43        | -       | 5       | 205          |
| Taro-dry               | 221        | 89        | 2       | -    | 2     | -       | -          | 11       | -      | -        | -         | -       | -       | 325          |
| Taro-wet, flooded      | 118        | -         | 292     | 27   | 4     | 1       | -          | 36       | 28     | -        | -         | -       | -       | 507          |
| Taro-wet, raised       | 552        | 153       | 103     | 141  | 76    | 33      | -          | 34       | 3      | -        | 1         | -       | -       | 1096         |
| Taru                   | 193        | 402       | 173     | 110  | 73    | 26      | -          | -        | -      | 1        | 1         | -       | -       | 979          |
| Tomato                 | 87         | 18        | 2       | 13   | 17    | -       | -          | -        | -      | 2        | -         | -       | -       | 141          |
| Vanilla                | 4          | -         | 1       | 11   | 7     | -       | -          | -        | -      | -        | -         | -       | -       | 23           |
| Other root crops       | 18         | 21        | 22      | 63   | 10    | 10      | -          | -        | -      | -        | -         | -       | -       | 144          |
| Other tree crops       | 79         | 5         | 2       | 14   | 4     | -       | -          | -        | -      | -        | -         | -       | -       | 104          |
| Other vegetable crops  | 120        | 21        | 5       | 20   | 16    | -       | -          | -        | -      | 5        | -         | -       | -       | 189          |
| Other crops-Not stated | 7          | 3         | 1       | -    | -     | 1       | -          | -        | -      | -        | -         | -       | -       | 12           |
| All Crops              | 3586       | 2081      | 1077    | 767  | 589   | 272     | 23         | 258      | 38     | 118      | 155       | 143     | 9107    |              |

Table 46A: Crops Growing in Parcels Other Than Scattered Crops -  
 Number of Plants by Type of Crop and Island

| Type of Crop           | ISLAND     |           |         |         |        |         |            |          |        |          |           |          |   | COOK ISLANDS |
|------------------------|------------|-----------|---------|---------|--------|---------|------------|----------|--------|----------|-----------|----------|---|--------------|
|                        | Raro-tonga | Aitu-taki | Mangata | Atiu    | Mauke  | Mitiaro | Palmerston | Pukapuka | Nassau | Manihihi | Rakahanga | Penthyhn |   |              |
| Avocado                | 169        | -         | -       | -       | -      | -       | -          | -        | -      | -        | -         | -        | - | 169          |
| Banana-Cavendish       | 26649      | 116809    | 3211    | 13285   | 201    | -       | -          | -        | 15     | -        | -         | 30       | - | 160200       |
| Banana-Ladyfinger      | 4087       | 255       | 1945    | 5500    | 4597   | 554     | -          | -        | 69     | -        | -         | -        | - | 17007        |
| Banana-Plantain        | 3354       | 2548      | 403     | 3440    | 4375   | -       | -          | 90       | -      | -        | -         | 430      | - | 14770        |
| Bean-Export            | 305650     | 9000      | -       | -       | 5000   | -       | -          | -        | -      | -        | -         | -        | - | 319650       |
| Breadfruit             | 16         | 100       | -       | -       | -      | -       | -          | -        | -      | -        | -         | 15       | - | 131          |
| Cabbage-European       | 44942      | 19570     | 225     | 8600    | 800    | -       | -          | -        | 50     | -        | -         | -        | - | 74187        |
| Capaicum               | 6450       | 4200      | 60      | -       | 12760  | -       | -          | -        | -      | -        | -         | -        | - | 23470        |
| Cassava                | 989237     | 438068    | 235081  | 413510  | 499640 | 27835   | 21050      | -        | 500    | -        | -         | 6800     | - | 2631721      |
| Chestnut               | 10         | 180       | -       | -       | -      | 4       | -          | -        | -      | -        | -         | -        | - | 194          |
| Chilli                 | 1660       | -         | -       | -       | 1720   | 220     | -          | -        | -      | -        | -         | -        | - | 3600         |
| Citrus-Orange          | 51893      | 3722      | 590     | 3320    | 140    | -       | -          | -        | -      | -        | -         | -        | - | 59665        |
| Coconut                | 16189      | 77725     | 3270    | 2215    | 18932  | 2210    | 786        | 11284    | 26498  | 21250    | -         | 7610     | - | 188169       |
| Coffee                 | 25         | -         | 1500    | 22680   | 550    | -       | -          | -        | -      | -        | -         | -        | - | 24755        |
| Kumara                 | 340620     | 75681     | 82237   | 25650   | 77434  | 16950   | -          | -        | 2300   | -        | -         | 500      | - | 621372       |
| Mango                  | 623        | 7         | -       | -       | 2      | -       | -          | -        | -      | -        | -         | -        | - | 632          |
| Melon-Water            | 54090      | 7820      | 4500    | 850     | 2568   | -       | -          | -        | -      | -        | -         | -        | - | 69828        |
| Pawpaw-Solo            | 115397     | 465       | 50      | -       | -      | -       | -          | -        | 10     | -        | -         | 133      | - | 116055       |
| Pineapple              | 14341      | 13098     | 776200  | 779500  | 3765   | -       | -          | -        | -      | -        | -         | -        | - | 1586904      |
| Puraka                 | 200        | 56510     | -       | -       | -      | 3460    | 6200       | 18658    | 4950   | 8748     | -         | 1680     | - | 103606       |
| Taro-dry               | 218526     | 21777     | 530     | -       | 6000   | -       | -          | 3420     | -      | 765      | -         | -        | - | 250253       |
| Taro-wet, flooded      | 188890     | -         | 562858  | 57800   | 3150   | 50      | -          | 26550    | -      | 765      | -         | -        | - | 943693       |
| Taro-wet, raised       | 781317     | 54740     | 114350  | 398120  | 152600 | 9575    | -          | 17050    | -      | 200      | -         | -        | - | 1533452      |
| Taruva                 | 86710      | 153403    | 113485  | 116650  | 97530  | 1827    | -          | -        | 400    | -        | -         | 400      | - | 570405       |
| Tomato                 | 168129     | 12695     | 400     | 9790    | 17930  | -       | 50         | -        | 149    | -        | -         | 50       | - | 209193       |
| Vanilla                | 1063       | -         | 220     | 3974    | 1800   | -       | -          | -        | -      | -        | -         | -        | - | 7057         |
| Other root crops       | 14799      | 10367     | 7522    | 147060  | 2200   | 252     | -          | -        | -      | -        | -         | -        | - | 182200       |
| Other tree crops       | 4283       | 176       | 60      | 12130   | 302    | -       | -          | -        | -      | -        | -         | -        | - | 16951        |
| Other vegetable crops  | 221456     | 12682     | 280     | 9675    | 24950  | -       | -          | -        | 775    | -        | -         | 430      | - | 270248       |
| Other crops-Not stated | 5620       | 120       | 600     | -       | -      | 100     | -          | -        | -      | -        | -         | -        | - | 6440         |
| All Crops              | 3666395    | 1091718   | 1909577 | 2033749 | 938946 | 63037   | 28086      | 77052    | 35716  | 30863    | -         | 18278    | - | 10005977     |

Table 47: Crops Growing in Parcels Other than Scattered Crops -  
 Number of Separate Plantings by Region, Type of Crop and Size of Planting

Region: RAROTONGA

| Type of Crop           | Size of Planting (number of plants) |       |       |         |         |           |           |              | Total |
|------------------------|-------------------------------------|-------|-------|---------|---------|-----------|-----------|--------------|-------|
|                        | Less than 20                        | 20-49 | 50-99 | 100-499 | 500-999 | 1000-4999 | 5000-9999 | 10000 & over |       |
| Avocado                | 7                                   | 4     | -     | -       | -       | -         | -         | -            | 11    |
| Banana-Cavendish       | 19                                  | 56    | 60    | 75      | 10      | 2         | -         | -            | 222   |
| Banana-Ladyfinger      | 8                                   | 15    | 10    | 9       | 2       | -         | -         | -            | 44    |
| Banana-Plantain        | 9                                   | 10    | 7     | 5       | 1       | 1         | -         | -            | 33    |
| Bean-Export            | -                                   | -     | -     | 3       | 1       | 14        | 6         | 12           | 36    |
| Breadfruit             | 5                                   | -     | -     | -       | 1       | -         | -         | -            | 5     |
| Cabbage-European       | 1                                   | 1     | 1     | 6       | 5       | 10        | -         | 2            | 26    |
| Capicum                | 1                                   | -     | -     | 2       | 2       | 3         | -         | -            | 7     |
| Cassava                | 1                                   | 7     | 14    | 211     | 128     | 255       | 42        | 7            | 665   |
| Chestnut               | 1                                   | -     | -     | -       | -       | -         | -         | -            | 1     |
| Chilli                 | 1                                   | -     | -     | 1       | 2       | -         | -         | -            | 4     |
| Citrus-Orange          | 12                                  | 56    | 141   | 161     | 7       | 3         | -         | -            | 380   |
| Coconut                | 46                                  | 48    | 28    | 16      | 2       | 1         | 1         | -            | 142   |
| Coffee                 | -                                   | 1     | -     | -       | 2       | 1         | -         | -            | 1     |
| Kumara                 | 1                                   | 4     | 12    | 132     | 60      | 104       | 8         | 1            | 322   |
| Mango                  | 8                                   | 2     | 3     | 2       | -       | -         | -         | -            | 15    |
| Melon-Water            | -                                   | 7     | -     | 13      | 11      | 15        | 3         | -            | 42    |
| Pawpaw-Solo            | 6                                   | 7     | 16    | 106     | 60      | 26        | 1         | -            | 222   |
| Pineapple              | -                                   | 1     | -     | 4       | 1       | -         | 2         | -            | 8     |
| Puraka                 | -                                   | -     | -     | 1       | -       | -         | -         | -            | 1     |
| Taro-dry               | -                                   | 4     | 13    | 98      | 42      | 55        | 8         | 1            | 221   |
| Taro-wet, flooded      | -                                   | -     | 2     | 30      | 33      | 46        | 5         | 2            | 118   |
| Taro-wet, raised       | -                                   | -     | 6     | 154     | 136     | 220       | 34        | 2            | 552   |
| Tarua                  | -                                   | 12    | 12    | 111     | 38      | 19        | 1         | -            | 193   |
| Tomato                 | 1                                   | 4     | 7     | 15      | 13      | 40        | 3         | 4            | 87    |
| Vanilla                | 1                                   | -     | 1     | 1       | 1       | -         | -         | -            | 4     |
| Other root crops       | 2                                   | -     | 3     | 6       | 1       | 5         | 1         | -            | 18    |
| Other tree crops       | 33                                  | 31    | 5     | 7       | 3       | -         | -         | -            | 79    |
| Other vegetable crops  | 4                                   | 3     | 6     | 39      | 16      | 38        | 8         | 6            | 120   |
| Other crops-Not stated | -                                   | 1     | -     | 3       | 1       | 2         | -         | -            | 7     |
| All Crops              | 165                                 | 267   | 348   | 1211    | 576     | 859       | 123       | 37           | 3586  |

Table 47: Crops Growing in Parcels Other than Scattered Crops -  
 Number of Separate Plantings by Region, Type of Crop and Size of Planting (continued)  
 Region: OTHER SOUTHERN ISLANDS

| Type of Crop           | Size of Planting (number of plants) |       |       |         |         |           |           |              | Total |
|------------------------|-------------------------------------|-------|-------|---------|---------|-----------|-----------|--------------|-------|
|                        | Less than 20                        | 20-49 | 50-99 | 100-499 | 500-999 | 1000-4999 | 5000-9999 | 10000 & over |       |
| Avocado                | -                                   | -     | -     | -       | -       | -         | -         | -            | -     |
| Banana-Cavendish       | 7                                   | 14    | 22    | 147     | 51      | 37        | 2         | -            | 280   |
| Banana-Ladyfinger      | 7                                   | 24    | 23    | 51      | 4       | -         | -         | -            | 109   |
| Banana-Plantain        | 5                                   | 23    | 24    | 44      | 2       | -         | -         | -            | 98    |
| Bean-Export            | -                                   | -     | -     | -       | -       | 1         | 2         | -            | 3     |
| Breadfruit             | -                                   | -     | -     | -       | -       | -         | -         | -            | 1     |
| Cabbage-European       | -                                   | 2     | -     | 9       | 2       | 10        | 2         | -            | 25    |
| Capsicum               | -                                   | -     | 2     | 4       | 2       | 2         | 2         | -            | 12    |
| Cassava                | -                                   | 8     | 23    | 364     | 255     | 388       | 55        | 17           | 1110  |
| Chestnut               | 3                                   | 1     | 2     | -       | -       | -         | -         | -            | 5     |
| Chilli                 | -                                   | 1     | 5     | 6       | 1       | -         | -         | -            | 13    |
| Citrus-Orange          | 5                                   | 36    | 28    | 22      | -       | 1         | -         | -            | 92    |
| Coconut                | 9                                   | 44    | 37    | 109     | 20      | 27        | 2         | -            | 248   |
| Coffee                 | -                                   | -     | 1     | 19      | 9       | 2         | 2         | -            | 33    |
| Kumara                 | 1                                   | 11    | 37    | 390     | 93      | 53        | 5         | 1            | 591   |
| Mango                  | 2                                   | -     | -     | -       | -       | -         | -         | -            | 2     |
| Melon-Water            | -                                   | -     | 1     | 14      | 5       | 5         | -         | -            | 25    |
| Pawpaw-Solo            | 1                                   | 1     | 1     | 3       | -       | -         | -         | -            | 5     |
| Pineapple              | 1                                   | 2     | 3     | 7       | 6       | 17        | 12        | 44           | 92    |
| Puraka                 | -                                   | 5     | 1     | 24      | 8       | 7         | -         | 3            | 48    |
| Taro-dry               | -                                   | 5     | 8     | 71      | 6       | 2         | 1         | -            | 93    |
| Taro-wet, flooded      | -                                   | -     | 2     | 25      | 41      | 227       | 26        | 3            | 324   |
| Taro-wet, raised       | -                                   | 2     | 6     | 220     | 109     | 126       | 33        | 10           | 506   |
| Taruva                 | 2                                   | 17    | 47    | 445     | 152     | 111       | 9         | 1            | 784   |
| Tomato                 | -                                   | -     | 4     | 20      | 13      | 11        | 2         | -            | 50    |
| Vanilla                | -                                   | -     | -     | 16      | 2       | 1         | -         | -            | 19    |
| Other root crops       | 6                                   | 4     | 18    | 44      | 9       | 40        | 1         | 4            | 126   |
| Other tree crops       | 3                                   | 7     | 3     | 7       | 1       | 3         | 1         | -            | 25    |
| Other vegetable crops  | 1                                   | 4     | 6     | 25      | 9       | 15        | 2         | -            | 62    |
| Other crops-Not stated | -                                   | 1     | 2     | 1       | 1       | -         | -         | -            | 5     |
| All Crops              | 53                                  | 210   | 306   | 2088    | 801     | 1086      | 159       | 83           | 4786  |

Table 47: Crops Growing in Parcels Other than Scattered Crops -  
 Number of Separate Plantings by Region, Type of Crop and Size of Planting (continued)  
 Region: NORTHERN ISLANDS

| Type of Crop           | Size of Planting (number of plants) |       |       |         |         |           |           |              | Total |
|------------------------|-------------------------------------|-------|-------|---------|---------|-----------|-----------|--------------|-------|
|                        | Less than 20                        | 20-49 | 50-99 | 100-499 | 500-999 | 1000-4999 | 5000-9999 | 10000 & over |       |
| Avocado                | -                                   | -     | -     | -       | -       | -         | -         | -            | -     |
| Banana-Cavendish       | 2                                   | 1     | -     | -       | -       | -         | -         | -            | 3     |
| Banana-Ladyfinger      | 5                                   | 1     | -     | -       | -       | -         | -         | -            | 6     |
| Banana-Plantain        | 15                                  | 7     | 1     | 2       | -       | -         | -         | -            | 25    |
| Bean-Export            | -                                   | -     | -     | -       | -       | -         | -         | -            | -     |
| Breadfruit             | 2                                   | -     | -     | -       | -       | -         | -         | -            | 2     |
| Cabbage-European       | -                                   | -     | -     | 1       | -       | -         | -         | -            | 1     |
| Capiscum               | -                                   | -     | -     | -       | -       | -         | -         | -            | -     |
| Cassava                | -                                   | -     | 1     | -       | 3       | 5         | -         | -            | 16    |
| Chestnut               | -                                   | -     | -     | -       | -       | -         | -         | -            | -     |
| Chilli                 | -                                   | -     | -     | -       | -       | -         | -         | -            | -     |
| Citrus-Orange          | -                                   | -     | -     | -       | -       | -         | -         | -            | -     |
| Coconut                | 10                                  | 58    | 103   | 176     | 25      | 5         | -         | -            | 377   |
| Coffee                 | -                                   | -     | -     | 7       | 1       | -         | -         | -            | 12    |
| Kumara                 | -                                   | -     | 4     | -       | -       | -         | -         | -            | -     |
| Mango                  | -                                   | -     | -     | -       | -       | -         | -         | -            | -     |
| Melon-Water            | -                                   | -     | -     | -       | -       | -         | -         | -            | -     |
| Pawpaw-Solo            | 8                                   | 1     | 1     | -       | -       | -         | -         | -            | 10    |
| Pineapple              | -                                   | -     | -     | -       | -       | -         | -         | -            | -     |
| Puraka                 | 1                                   | 3     | 6     | 121     | 17      | 8         | -         | -            | 156   |
| Taro-dry               | -                                   | -     | 3     | 7       | -       | 1         | -         | -            | 11    |
| Taro-wet, flooded      | -                                   | -     | -     | 21      | 23      | 15        | -         | -            | 65    |
| Taro-wet, raised       | -                                   | -     | -     | 24      | 4       | 10        | -         | -            | 38    |
| Taru                   | -                                   | -     | -     | 2       | -       | -         | -         | -            | 2     |
| Tomato                 | -                                   | 1     | 2     | 1       | -       | -         | -         | -            | 4     |
| Vanilla                | -                                   | -     | -     | -       | -       | -         | -         | -            | -     |
| Other root crops       | -                                   | -     | -     | -       | -       | -         | -         | -            | -     |
| Other tree crops       | -                                   | -     | -     | -       | -       | -         | -         | -            | -     |
| Other vegetable crops  | 1                                   | 3     | -     | 2       | 1       | -         | -         | -            | 7     |
| Other crops-Not stated | -                                   | -     | -     | -       | -       | -         | -         | -            | -     |
| All Crops              | 44                                  | 75    | 122   | 369     | 74      | 44        | 2         | 5            | 735   |

Table 47: Crops Growing in Parcels Other than Scattered Crops -  
 Number of Separate Plantings by Region, Type of Crop and Size of Planting (continued)

Region: COOK ISLANDS

| Type of Crop           | Size of Planting (number of plants) |       |       |         |         |           |           |              |   |      | Total |
|------------------------|-------------------------------------|-------|-------|---------|---------|-----------|-----------|--------------|---|------|-------|
|                        | Less than 20                        | 20-49 | 50-99 | 100-499 | 500-999 | 1000-4999 | 5000-9999 | 10000 & over |   |      |       |
| Avocado                | 7                                   | 4     | -     | -       | -       | -         | -         | -            | - | 11   |       |
| Banana-Cavendish       | 28                                  | 71    | 82    | 222     | 61      | 39        | 2         | -            | - | 505  |       |
| Banana-Ladyfinger      | 20                                  | 40    | 33    | 60      | 6       | -         | -         | -            | - | 159  |       |
| Banana-Plantain        | 29                                  | 40    | 32    | 51      | 3       | 1         | -         | -            | - | 156  |       |
| Bean-Export            | -                                   | -     | -     | 3       | 1       | 15        | 8         | 12           | - | 39   |       |
| Breadfruit             | 7                                   | -     | -     | 1       | -       | -         | -         | -            | - | 8    |       |
| Cabbage-European       | 1                                   | 3     | 2     | 15      | 7       | 20        | 2         | 2            | 2 | 52   |       |
| Capiscum               | -                                   | -     | 2     | 6       | 4       | 5         | 2         | -            | - | 19   |       |
| Cassava                | 1                                   | 15    | 38    | 581     | 386     | 648       | 97        | 25           | - | 1791 |       |
| Chestnut               | 4                                   | -     | 2     | 7       | -       | -         | -         | -            | - | 6    |       |
| Chilli                 | -                                   | 1     | 6     | -       | 3       | -         | -         | -            | - | 17   |       |
| Citrus-Orange          | 17                                  | 92    | 169   | 183     | 7       | 4         | -         | -            | - | 472  |       |
| Coconut                | 65                                  | 150   | 168   | 301     | 47      | 33        | 3         | -            | - | 767  |       |
| Coffee                 | -                                   | 1     | 1     | 19      | 9       | 2         | 2         | -            | - | 34   |       |
| Kumara                 | 2                                   | 15    | 53    | 529     | 154     | 157       | 13        | 2            | - | 925  |       |
| Mango                  | 10                                  | 2     | 3     | 2       | -       | -         | -         | -            | - | 17   |       |
| Melon-Water            | -                                   | -     | 1     | 27      | 16      | 20        | 3         | -            | - | 67   |       |
| Pawpaw-Solo            | 15                                  | 8     | 18    | 109     | 60      | 26        | 1         | -            | - | 237  |       |
| Pineapple              | 1                                   | 3     | 7     | 11      | 7       | 17        | 14        | 44           | - | 100  |       |
| Puraka                 | 1                                   | 8     | 3     | 146     | 25      | 15        | -         | 3            | - | 205  |       |
| Taro-dry               | -                                   | 9     | 24    | 176     | 48      | 58        | 9         | 1            | - | 325  |       |
| Taro-wet, flooded      | -                                   | -     | 4     | 76      | 97      | 288       | 33        | 9            | - | 507  |       |
| Taro-wet, raised       | -                                   | 2     | 12    | 398     | 249     | 356       | 67        | 12           | - | 1096 |       |
| Tarua                  | 2                                   | 29    | 59    | 558     | 190     | 130       | 10        | 1            | - | 979  |       |
| Tomato                 | 1                                   | 5     | 13    | 36      | 26      | 51        | 5         | 4            | - | 141  |       |
| Vanilla                | 1                                   | -     | 1     | 17      | 3       | 1         | -         | -            | - | 23   |       |
| Other root crops       | 8                                   | 4     | 21    | 50      | 10      | 45        | 2         | 4            | - | 144  |       |
| Other tree crops       | 36                                  | 38    | 8     | 14      | 4       | 3         | 1         | -            | - | 104  |       |
| Other vegetable crops  | 6                                   | 10    | 12    | 66      | 26      | 53        | 10        | 6            | - | 189  |       |
| Other crops-Not stated | -                                   | 2     | 2     | 4       | 2       | 2         | -         | -            | - | 12   |       |
| All Crops              | 262                                 | 552   | 776   | 3668    | 1451    | 1989      | 284       | 125          | - | 9107 |       |

Table 48: Crops Growing in Parcels Other than Scattered Crops -  
 Number of Separate Plantings by Region, Type of Crop and Size of Planting  
 Region: RAROTONGA

| Type of Crop           | Size of Planting (single crop equivalent area) |           |           |           |           |           |           |              |   |   | Total |
|------------------------|------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|---|---|-------|
|                        | Less than 0.25                                 | 0.25-0.49 | 0.50-0.99 | 1.00-1.99 | 2.00-2.99 | 3.00-4.99 | 5.00-9.99 | 10.00 & over |   |   |       |
| Avocado                | 8                                              | 1         | 1         | 1         | 1         | -         | -         | -            | - | - | 11    |
| Banana-Cavendish       | 92                                             | 76        | 39        | 13        | 2         | -         | -         | -            | - | - | 222   |
| Banana-Ladyfinger      | 30                                             | 9         | 3         | 2         | -         | -         | -         | -            | - | - | 44    |
| Banana-Plantain        | 21                                             | 8         | 2         | 2         | -         | -         | -         | -            | - | - | 33    |
| Bean-Export            | 5                                              | 14        | 4         | 12        | 1         | -         | -         | -            | - | - | 36    |
| Breadfruit             | 5                                              | -         | -         | -         | -         | -         | -         | -            | - | - | 5     |
| Cabbage-European       | 12                                             | 7         | 5         | 2         | -         | -         | -         | -            | - | - | 26    |
| Capsicum               | 2                                              | 4         | -         | 1         | -         | -         | -         | -            | - | - | 7     |
| Cassava                | 231                                            | 232       | 149       | 46        | 5         | -         | -         | -            | - | - | 665   |
| Chestnut               | -                                              | 1         | -         | -         | -         | -         | -         | -            | - | - | 1     |
| Chilli                 | 3                                              | 1         | -         | -         | -         | -         | -         | -            | - | - | 4     |
| Citrus-Orange          | 31                                             | 86        | 123       | 96        | 33        | 8         | 1         | 1            | 2 | 2 | 380   |
| Coconut                | 40                                             | 37        | 33        | 19        | 8         | 1         | 3         | 1            | 1 | 1 | 142   |
| Coffee                 | 1                                              | -         | -         | -         | -         | -         | -         | -            | - | - | 1     |
| Kumara                 | 156                                            | 112       | 37        | 15        | 2         | -         | -         | -            | - | - | 322   |
| Mango                  | 8                                              | -         | 3         | 8         | 3         | 1         | -         | -            | - | - | 15    |
| Melon-Water            | 8                                              | 13        | 9         | 8         | 4         | -         | -         | -            | - | - | 42    |
| Pawpaw-Solo            | 25                                             | 43        | 82        | 58        | 11        | 3         | -         | -            | - | - | 222   |
| Pineapple              | 2                                              | 3         | 1         | 2         | -         | -         | -         | -            | - | - | 8     |
| Puraka                 | -                                              | -         | 1         | -         | -         | -         | -         | -            | - | - | 1     |
| Taro-dry               | 108                                            | 76        | 25        | 12        | -         | -         | -         | -            | - | - | 221   |
| Taro-wet, flooded      | 55                                             | 38        | 18        | 6         | 1         | -         | -         | -            | - | - | 118   |
| Taro-wet, raised       | 238                                            | 196       | 94        | 22        | 2         | -         | -         | -            | - | - | 552   |
| Tarua                  | 115                                            | 52        | 22        | 3         | 1         | -         | -         | -            | - | - | 193   |
| Tomato                 | 39                                             | 28        | 12        | 6         | 1         | -         | -         | -            | - | - | 87    |
| Vanilla                | 1                                              | 3         | -         | -         | -         | -         | -         | -            | - | - | 4     |
| Other root crops       | 7                                              | 10        | 1         | -         | -         | -         | -         | -            | - | - | 18    |
| Other tree crops       | 34                                             | 23        | 13        | 8         | 1         | -         | -         | -            | - | - | 79    |
| Other vegetable crops  | 69                                             | 27        | 14        | 9         | 1         | -         | -         | -            | - | - | 120   |
| Other crops-Not stated | 5                                              | -         | 1         | 1         | -         | -         | -         | -            | - | - | 7     |
| All Crops              | 1351                                           | 1100      | 692       | 344       | 76        | 14        | 6         | 3            |   |   | 3586  |

Table 48: Crops Growing in Parcels Other than Scattered Crops -  
 Number of Separate Plantings by Region, Type of Crop and Size of Planting (continued)

Region: OTHER SOUTHERN ISLANDS

| Type of Crop           | Size of Planting (single crop equivalent area) |           |           |           |           |           |           |              |   |      | Total |   |
|------------------------|------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|---|------|-------|---|
|                        | Less than 0.25                                 | 0.25-0.49 | 0.50-0.99 | 1.00-1.99 | 2.00-2.99 | 3.00-4.99 | 5.00-9.99 | 10.00 & over |   |      |       |   |
| Avocado                | -                                              | -         | -         | -         | -         | -         | -         | -            | - | -    | -     | - |
| Banana-Cavendish       | 31                                             | 64        | 91        | 69        | 15        | 9         | 1         | -            | - | 280  |       |   |
| Banana-Ladyfinger      | 34                                             | 32        | 33        | 9         | 1         | -         | -         | -            | - | 109  |       |   |
| Banana-Plantain        | 45                                             | 28        | 16        | 8         | 1         | -         | -         | -            | - | 98   |       |   |
| Bean-Export            | 1                                              | 2         | -         | -         | -         | -         | -         | -            | - | 3    |       |   |
| Breadfruit             | 1                                              | -         | -         | -         | -         | -         | -         | -            | - | 1    |       |   |
| Cabbage-European       | 17                                             | 4         | 3         | 1         | -         | -         | -         | -            | - | 25   |       |   |
| Capiscum               | 2                                              | 7         | 3         | -         | -         | -         | -         | -            | - | 12   |       |   |
| Cassava                | 320                                            | 340       | 329       | 104       | 15        | 2         | -         | -            | - | 1110 |       |   |
| Chestnut               | 1                                              | 1         | -         | -         | 2         | -         | 1         | -            | - | 5    |       |   |
| Chilli                 | 8                                              | 5         | -         | -         | -         | -         | -         | -            | - | 13   |       |   |
| Citrus-Orange          | 20                                             | 25        | 31        | 15        | 1         | -         | -         | -            | - | 92   |       |   |
| Coconut                | 20                                             | 40        | 54        | 54        | 24        | 31        | 18        | 7            | - | 248  |       |   |
| Coffee                 | 4                                              | 9         | 9         | 8         | 1         | -         | 2         | -            | - | 33   |       |   |
| Kumara                 | 321                                            | 198       | 58        | 14        | -         | -         | -         | -            | - | 591  |       |   |
| Mango                  | 1                                              | -         | -         | 1         | -         | -         | -         | -            | - | 2    |       |   |
| Melon-Water            | 5                                              | 4         | 8         | 8         | -         | -         | -         | -            | - | 25   |       |   |
| Pawpaw-Solo            | 2                                              | 3         | -         | -         | -         | -         | -         | -            | - | 5    |       |   |
| Pineapple              | 21                                             | 8         | 20        | 22        | 7         | 8         | 4         | 2            | - | 92   |       |   |
| Puraka                 | 18                                             | 16        | 8         | 3         | 2         | -         | 1         | -            | - | 48   |       |   |
| Taro-dry               | 71                                             | 18        | 3         | 1         | -         | -         | -         | -            | - | 93   |       |   |
| Taro-wet, flooded      | 87                                             | 148       | 73        | 15        | 1         | -         | -         | -            | - | 324  |       |   |
| Taro-wet, raised       | 202                                            | 157       | 123       | 24        | -         | -         | -         | -            | - | 506  |       |   |
| Tarua                  | 345                                            | 269       | 138       | 30        | 2         | -         | -         | -            | - | 784  |       |   |
| Tomato                 | 29                                             | 15        | 6         | -         | -         | -         | -         | -            | - | 50   |       |   |
| Vanilla                | 3                                              | 7         | 7         | 2         | -         | -         | -         | -            | - | 19   |       |   |
| Other root crops       | 47                                             | 48        | 23        | 6         | 2         | -         | -         | -            | - | 126  |       |   |
| Other tree crops       | 8                                              | 5         | 9         | 2         | -         | 1         | -         | -            | - | 25   |       |   |
| Other vegetable crops  | 36                                             | 18        | 7         | 1         | -         | -         | -         | -            | - | 62   |       |   |
| Other crops-Not stated | 3                                              | 2         | -         | -         | -         | -         | -         | -            | - | 5    |       |   |
| All Crops              | 1703                                           | 1473      | 1052      | 397       | 74        | 51        | 27        | 9            | - | 4786 |       |   |

**Table 48: Crops Growing in Parcels Other than Scattered Crops -**  
**Number of Separate Plantings by Region, Type of Crop and Size of Planting (continued)**  
**Region: NORTHERN ISLANDS**

| Type of Crop           | Size of Planting (single crop equivalent area) |           |           |           |           |           |           |              |   |   | Total |    |
|------------------------|------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|---|---|-------|----|
|                        | Less than 0.25                                 | 0.25-0.49 | 0.50-0.99 | 1.00-1.99 | 2.00-2.99 | 3.00-4.99 | 5.00-9.99 | 10.00 & over |   |   |       |    |
| Avocado                | -                                              | -         | -         | -         | -         | -         | -         | -            | - | - | -     | -  |
| Banana-Cavendish       | 1                                              | 2         | -         | -         | -         | -         | -         | -            | - | - | -     | 3  |
| Banana-Ladyfinger      | 4                                              | -         | 1         | 1         | -         | -         | -         | -            | - | - | -     | 6  |
| Banana-Plantain        | 9                                              | 8         | 7         | 1         | -         | -         | -         | -            | - | - | -     | 25 |
| Bean-Export            | -                                              | -         | -         | -         | -         | -         | -         | -            | - | - | -     | -  |
| Breadfruit             | 1                                              | 1         | -         | -         | -         | -         | -         | -            | - | - | -     | 2  |
| Cabbage-European       | -                                              | 1         | -         | -         | -         | -         | -         | -            | - | - | -     | 1  |
| Capiscum               | -                                              | -         | -         | -         | -         | -         | -         | -            | - | - | -     | -  |
| Cassava                | -                                              | 6         | 4         | 4         | 1         | -         | -         | -            | - | - | -     | 16 |
| Chestnut               | -                                              | -         | -         | -         | -         | -         | -         | -            | - | - | -     | -  |
| Chilli                 | -                                              | -         | -         | -         | -         | -         | -         | -            | - | - | -     | -  |
| Citrus-Orange          | -                                              | -         | -         | -         | -         | -         | -         | -            | - | - | -     | -  |
| Coconut                | 43                                             | 69        | 88        | 101       | 37        | 28        | 10        | 1            | - | - | 377   |    |
| Coffee                 | -                                              | -         | -         | -         | -         | -         | -         | -            | - | - | -     | -  |
| Kumara                 | 3                                              | 8         | 1         | -         | -         | -         | -         | -            | - | - | -     | 12 |
| Mango                  | -                                              | -         | -         | -         | -         | -         | -         | -            | - | - | -     | -  |
| Melon-Water            | -                                              | -         | -         | -         | -         | -         | -         | -            | - | - | -     | -  |
| Pawpaw-Solo            | 7                                              | 2         | 1         | -         | -         | -         | -         | -            | - | - | -     | 10 |
| Pineapple              | -                                              | -         | -         | -         | -         | -         | -         | -            | - | - | -     | -  |
| Puraka                 | 94                                             | 33        | 21        | 7         | 1         | -         | -         | -            | - | - | 156   |    |
| Taro-dry               | 8                                              | 2         | 1         | 1         | 1         | -         | -         | -            | - | - | 11    |    |
| Taro-wet, flooded      | 37                                             | 13        | 7         | 7         | 1         | -         | -         | -            | - | - | 65    |    |
| Taro-wet, raised       | 21                                             | 9         | 7         | 1         | -         | -         | -         | -            | - | - | 38    |    |
| Tarua                  | -                                              | 2         | -         | -         | -         | -         | -         | -            | - | - | -     | 2  |
| Tomato                 | 3                                              | 1         | -         | -         | -         | -         | -         | -            | - | - | -     | 4  |
| Vanilla                | -                                              | -         | -         | -         | -         | -         | -         | -            | - | - | -     | -  |
| Other root crops       | -                                              | -         | -         | -         | -         | -         | -         | -            | - | - | -     | -  |
| Other tree crops       | -                                              | -         | -         | -         | -         | -         | -         | -            | - | - | -     | -  |
| Other vegetable crops  | 5                                              | 2         | -         | -         | -         | -         | -         | -            | - | - | -     | 7  |
| Other crops-Not stated | -                                              | -         | -         | -         | -         | -         | -         | -            | - | - | -     | -  |
| All Crops              | 236                                            | 159       | 138       | 122       | 40        | 29        | 10        | 1            | - | - | 735   |    |

Table 48: Crops Growing in Parcels Other than Scattered Crops -  
 Number of Separate Plantings by Region, Type of Crop and Size of Planting (continued)  
 Region: COOK ISLANDS

| Type of Crop           | Size of Planting (single crop equivalent area) |           |           |           |           |           |           |              |   |   | Total |
|------------------------|------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|---|---|-------|
|                        | less than 0.25                                 | 0.25-0.49 | 0.50-0.99 | 1.00-1.99 | 2.00-2.99 | 3.00-4.99 | 5.00-9.99 | 10.00 & over |   |   |       |
| Avocado                | 8                                              | 1         | 1         | 1         | 1         | -         | -         | -            | - | - | 11    |
| Banana-Cavendish       | 124                                            | 142       | 130       | 82        | 17        | 9         | 1         | -            | - | - | 505   |
| Banana-Ladyfinger      | 68                                             | 41        | 37        | 12        | 1         | -         | 7         | -            | - | - | 159   |
| Banana-Plantain        | 75                                             | 44        | 25        | 11        | 1         | -         | -         | -            | - | - | 156   |
| Bean-Export            | 6                                              | 16        | 4         | 12        | 1         | -         | -         | -            | - | - | 39    |
| Breadfruit             | 7                                              | 1         | -         | -         | -         | -         | -         | -            | - | - | 8     |
| Cabbage-European       | 29                                             | 12        | 8         | 3         | -         | -         | -         | -            | - | - | 52    |
| Capsicum               | 4                                              | 11        | 3         | 1         | -         | -         | -         | -            | - | - | 19    |
| Cassava                | 551                                            | 578       | 482       | 154       | 21        | 3         | 2         | -            | - | - | 1791  |
| Chestnut               | 1                                              | 2         | -         | -         | 2         | -         | 1         | -            | - | - | 6     |
| Chilli                 | 11                                             | 6         | -         | -         | -         | -         | 1         | -            | - | - | 17    |
| Citrus-Orange          | 51                                             | 111       | 154       | 111       | 34        | 8         | 1         | -            | - | - | 472   |
| Coconut                | 103                                            | 146       | 175       | 174       | 69        | 60        | 31        | -            | - | - | 767   |
| Coffee                 | 5                                              | 9         | 9         | 8         | 1         | -         | 2         | -            | - | - | 34    |
| Kumara                 | 480                                            | 318       | 96        | 29        | 2         | -         | -         | -            | - | - | 925   |
| Mango                  | 9                                              | -         | 3         | 1         | 3         | 1         | -         | -            | - | - | 17    |
| Melon-Water            | 13                                             | 17        | 17        | 16        | 4         | -         | -         | -            | - | - | 67    |
| Pawpaw-Solo            | 34                                             | 48        | 83        | 58        | 11        | 3         | -         | -            | - | - | 237   |
| Pineapple              | 23                                             | 11        | 21        | 24        | 7         | 8         | 4         | -            | - | - | 100   |
| Puraka                 | 112                                            | 49        | 30        | 10        | 3         | -         | 1         | -            | - | - | 205   |
| Taro-dry               | 187                                            | 96        | 29        | 13        | -         | -         | -         | -            | - | - | 325   |
| Taro-wet, flooded      | 179                                            | 199       | 98        | 28        | 3         | -         | -         | -            | - | - | 507   |
| Taro-wet, raised       | 461                                            | 362       | 224       | 47        | 2         | -         | -         | -            | - | - | 1096  |
| Taru                   | 460                                            | 323       | 160       | 33        | 3         | -         | -         | -            | - | - | 979   |
| Tomato                 | 71                                             | 44        | 18        | 6         | 1         | 1         | -         | -            | - | - | 141   |
| Vanilla                | 4                                              | 10        | 7         | 2         | -         | -         | -         | -            | - | - | 23    |
| Other root crops       | 54                                             | 58        | 24        | 6         | 2         | -         | -         | -            | - | - | 144   |
| Other tree crops       | 42                                             | 28        | 22        | 10        | 1         | 1         | -         | -            | - | - | 104   |
| Other vegetable crops  | 110                                            | 47        | 21        | 10        | 1         | -         | -         | -            | - | - | 189   |
| Other crops-Not stated | 8                                              | 2         | 1         | 1         | -         | -         | -         | -            | - | - | 12    |
| All Crops              | 3290                                           | 2732      | 1882      | 863       | 190       | 94        | 43        | 13           | - | - | 9107  |

Table 49: Crops Growing in Parcels Other than Scattered Crops -  
Actual Area (acres) of Separate Plantings by Type of Crop and Island

| Type of Crop           | ISLAND     |           |         |       |       |         |            |          |        |          |           | COOK ISLANDS |         |
|------------------------|------------|-----------|---------|-------|-------|---------|------------|----------|--------|----------|-----------|--------------|---------|
|                        | Raro-tonga | Aitu-taki | Mangaia | Atiu  | Mauke | Mitiaro | Palmerston | Pukapuka | Nassau | Manihiki | Rakahanga |              | Penrhyn |
| Avocado                | 5.8        | -         | -       | -     | -     | -       | -          | -        | -      | -        | -         | -            | 5.8     |
| Banana-Cavendish       | 94.0       | 205.5     | 8.3     | 14.9  | 1.2   | -       | -          | -        | -      | -        | -         | -            | 5.8     |
| Banana-Ladyfinger      | 18.4       | 1.3       | 5.7     | 19.9  | 29.6  | 2.2     | -          | -        | 0.5    | -        | -         | -            | 325.1   |
| Banana-Plantain        | 14.2       | 9.2       | 0.9     | 11.2  | 20.6  | -       | -          | -        | 4.1    | -        | -         | -            | 81.1    |
| Bean-Export            | 23.1       | 0.4       | -       | -     | -     | -       | -          | -        | -      | -        | -         | -            | 68.5    |
| Breadfruit             | 1.4        | 0.1       | -       | -     | 0.3   | -       | -          | -        | -      | -        | -         | -            | 23.8    |
| Cabbage-European       | 11.4       | 3.6       | 0.1     | 3.5   | 0.5   | -       | -          | -        | -      | -        | -         | -            | 2.5     |
| Capsicum               | 3.2        | 0.9       | 0.5     | -     | 3.5   | -       | -          | -        | 0.3    | -        | -         | -            | 19.4    |
| Cassava                | 275.1      | 229.7     | 60.4    | 73.8  | 113.2 | 27.1    | -          | -        | 1.0    | -        | -         | -            | 8.1     |
| Chestnut               | 0.3        | 46.5      | -       | -     | -     | 0.3     | -          | -        | -      | -        | -         | -            | 47.1    |
| Chilli                 | 0.9        | -         | -       | -     | 3.1   | 1.0     | -          | -        | -      | -        | -         | -            | 5.1     |
| Citrus-Orange          | 372.6      | 35.0      | 3.8     | 12.6  | 1.5   | -       | -          | -        | -      | -        | -         | -            | 425.5   |
| Coconut                | 139.1      | 381.5     | 7.1     | 15.7  | 77.8  | 31.1    | -          | -        | 203.9  | 78.6     | 101.1     | -            | 1111.7  |
| Coffee                 | 0.3        | -         | 2.8     | 25.7  | 0.9   | -       | -          | -        | 5.5    | -        | -         | -            | 285.0   |
| Kumara                 | 111.5      | 57.0      | 36.4    | 13.1  | 35.0  | 25.7    | -          | -        | -      | -        | -         | -            | 29.7    |
| Mango                  | 13.4       | 0.4       | -       | -     | 1.0   | -       | -          | -        | -      | -        | -         | -            | 14.8    |
| Melon-Water            | 32.3       | 9.2       | 2.0     | 0.9   | 4.5   | -       | -          | -        | -      | -        | -         | -            | 48.9    |
| Pawpaw-Solo            | 184.6      | 0.7       | 0.3     | -     | -     | -       | -          | -        | 0.3    | -        | -         | -            | 189.2   |
| Pineapple              | 5.8        | 4.3       | 68.4    | 59.6  | 1.4   | -       | -          | -        | -      | -        | -         | -            | 139.6   |
| Puraka                 | 0.5        | 58.8      | -       | -     | -     | 7.8     | -          | -        | 8.5    | 25.3     | 2.2       | -            | 133.7   |
| Taro-dry               | 72.5       | 18.2      | 0.3     | -     | 1.0   | -       | -          | -        | 3.3    | -        | -         | -            | 95.3    |
| Taro-wet, flooded      | 37.0       | -         | 88.1    | 19.9  | 1.3   | -       | -          | -        | -      | 0.3      | -         | -            | 171.3   |
| Taro-wet, raised       | 161.3      | 26.6      | 23.3    | 67.4  | 32.3  | 13.4    | -          | -        | 21.8   | 0.1      | -         | -            | 334.9   |
| Taru                   | 59.1       | 110.1     | 50.7    | 47.0  | 37.1  | 10.8    | -          | -        | 2.8    | -        | -         | -            | 315.6   |
| Tomato                 | 37.4       | 3.8       | 0.4     | 3.2   | 5.9   | -       | -          | -        | 0.3    | -        | -         | -            | 52.0    |
| Vanilla                | 1.3        | -         | 0.1     | 6.0   | 3.4   | -       | -          | -        | 0.8    | -        | -         | -            | 10.7    |
| Other root crops       | 6.1        | 4.1       | 5.8     | 30.0  | 3.4   | 2.6     | -          | -        | -      | -        | -         | -            | 51.9    |
| Other tree crops       | 48.5       | 1.0       | 0.2     | 11.6  | 2.4   | -       | -          | -        | -      | -        | -         | -            | 63.6    |
| Other vegetable crops  | 51.9       | 4.4       | 0.7     | 6.3   | 7.5   | -       | -          | -        | 3.3    | -        | -         | -            | 74.5    |
| Other crops-Not stated | 3.1        | 1.2       | 0.3     | -     | -     | 0.4     | -          | -        | -      | -        | -         | -            | 4.9     |
| All Crops              | 1785.9     | 1213.1    | 366.7   | 442.2 | 388.4 | 122.6   | 37.9       | 88.4     | 30.6   | 228.6    | 104.4     | 125.9        | 4934.6  |

Table 50: Crops Growing in Parcels Other than Scattered Crops -  
Single Crop Equivalent Area (acres) of Separate Plantings by Type of Crop and Island

| Type of Crop           | ISLAND         |               |         |       |       |         |                 |               |        |               |                |         | COOK ISLANDS |   |   |   |        |
|------------------------|----------------|---------------|---------|-------|-------|---------|-----------------|---------------|--------|---------------|----------------|---------|--------------|---|---|---|--------|
|                        | Raro-<br>tonga | Aitu-<br>taki | Mangaia | Atiu  | Mauke | Mitiaro | Palmer-<br>ston | Puka-<br>puka | Nassau | Mani-<br>hiki | Raka-<br>hanga | Penrhyn |              |   |   |   |        |
| Avocado                | 2.9            | -             | -       | -     | -     | -       | -               | -             | -      | -             | -              | -       | -            | - | - | - | -      |
| Banana-Cavendish       | 72.0           | 204.6         | 8.3     | 13.8  | 1.0   | -       | -               | -             | -      | -             | -              | -       | -            | - | - | - | 2.9    |
| Banana-Ladyfinger      | 9.9            | 0.6           | 5.7     | 18.3  | 18.3  | -       | -               | -             | -      | -             | -              | -       | -            | - | - | - | 300.3  |
| Banana-Plantain        | 7.2            | 6.4           | 0.9     | 10.2  | 16.0  | 2.1     | -               | -             | -      | -             | -              | -       | -            | - | - | - | 56.9   |
| Bean-Export            | 21.5           | .4            | -       | -     | .3    | -       | -               | -             | -      | -             | -              | -       | -            | - | - | - | 49.1   |
| Breadfruit             | .3             | .1            | -       | -     | -     | -       | -               | -             | -      | -             | -              | -       | -            | - | - | - | 22.1   |
| Cabbage-European       | 8.5            | 2.3           | .1      | 3.5   | .5    | -       | -               | -             | -      | -             | -              | -       | -            | - | - | - | .9     |
| Capsicum               | 2.6            | .4            | .5      | -     | 3.2   | -       | -               | -             | -      | -             | -              | -       | -            | - | - | - | 15.1   |
| Cassava                | 251.5          | 222.0         | 60.0    | 73.4  | 110.3 | 21.1    | 10.0            | -             | -      | -             | -              | -       | -            | - | - | - | 6.7    |
| Chestnut               | .3             | 11.8          | -       | -     | -     | .1      | -               | -             | -      | -             | -              | -       | -            | - | - | - | 4.8    |
| Chilli                 | .7             | -             | -       | -     | -     | .8      | -               | -             | -      | -             | -              | -       | -            | - | - | - | 12.1   |
| Citrus-Orange          | 342.6          | 31.9          | 3.8     | 12.1  | .8    | -       | -               | -             | -      | -             | -              | -       | -            | - | - | - | 3.3    |
| Coconut                | 111.4          | 353.9         | 7.1     | 12.3  | 75.6  | 23.4    | 10.4            | -             | -      | -             | -              | -       | -            | - | - | - | 391.1  |
| Coffee                 | .1             | -             | 2.8     | 25.5  | .9    | -       | -               | -             | -      | -             | -              | -       | -            | - | - | - | 1023.3 |
| Kumara                 | 91.1           | 47.8          | 35.9    | 11.1  | 29.1  | 18.4    | -               | -             | -      | -             | -              | -       | -            | - | - | - | 29.2   |
| Mango                  | 11.5           | .2            | -       | -     | 1.0   | -       | -               | -             | -      | -             | -              | -       | -            | - | - | - | 12.7   |
| Melon-Water            | 28.7           | 8.6           | 2.0     | .9    | 4.5   | -       | -               | -             | -      | -             | -              | -       | -            | - | - | - | 236.6  |
| Pawpaw-Solo            | 171.6          | .7            | .3      | -     | -     | -       | -               | -             | -      | -             | -              | -       | -            | - | - | - | 44.7   |
| Pineapple              | 4.3            | 3.2           | 68.4    | 59.6  | 1.4   | -       | -               | -             | -      | -             | -              | -       | -            | - | - | - | 174.4  |
| Puraka                 | .5             | 19.9          | -       | -     | -     | -       | -               | -             | -      | -             | -              | -       | -            | - | - | - | 137.0  |
| Taro-dry               | 60.2           | 14.0          | .3      | -     | 1.0   | 6.6     | 8.6             | 10.1          | 1.5    | 5.6           | 13.6           | 1.9     | -            | - | - | - | 68.5   |
| Taro-wet, flooded      | 36.2           | -             | 88.1    | 19.3  | .8    | -       | -               | 2.2           | -      | -             | .2             | -       | -            | - | - | - | 77.7   |
| Taro-wet, raised       | 159.0          | 26.2          | 23.3    | 67.4  | 31.3  | 12.2    | -               | 2.8           | 20.9   | -             | .2             | -       | -            | - | - | - | 168.3  |
| Tarua                  | 45.2           | 96.1          | 50.3    | 46.1  | 33.3  | 7.2     | -               | 7.2           | 2.4    | .3            | -              | -       | -            | - | - | - | 329.2  |
| Tomato                 | 31.5           | 3.0           | .4      | 2.7   | 4.7   | -       | .3              | -             | -      | .3            | -              | .3      | -            | - | - | - | 278.7  |
| Vanilla                | .9             | -             | .1      | 6.0   | 2.8   | -       | -               | -             | -      | -             | -              | .1      | -            | - | - | - | 43.0   |
| Other root crops       | 4.1            | 2.7           | 5.4     | 28.4  | 2.7   | 2.3     | -               | -             | -      | -             | -              | -       | -            | - | - | - | 9.8    |
| Other tree crops       | 29.5           | .5            | .2      | 11.0  | 2.4   | -       | -               | -             | -      | -             | -              | -       | -            | - | - | - | 45.7   |
| Other vegetable crops  | 34.3           | 1.6           | .7      | 5.2   | 6.2   | -       | -               | -             | -      | .9            | -              | .4      | -            | - | - | - | 43.5   |
| Other crops-Not stated | 2.3            | .4            | .3      | -     | -     | .3      | -               | -             | -      | -             | -              | -       | -            | - | - | - | 49.2   |
| All Crops              | 1542.2         | 1059.2        | 364.9   | 426.8 | 350.0 | 94.6    | 29.3            | 84.4          | 25.5   | 214.1         | 81.3           | 116.1   | -            | - | - | - | 4388.5 |

Table 51: Crops Growing in Parcels Other than Scattered Crops -  
 Single Crop Equivalent Area (acres) of Separate Plantings by Region, Type of Crop and Type of Crop Mix

| Type of Crop           | Region: RAROTONGA |      |      |      |        |        | Region: OTHER SOUTHERN ISLANDS |      |      |      |        |        |
|------------------------|-------------------|------|------|------|--------|--------|--------------------------------|------|------|------|--------|--------|
|                        | Less than 1/4     | 1/4  | 1/2  | 3/4  | All    | Total  | Less than 1/4                  | 1/4  | 1/2  | 3/4  | All    | Total  |
| Avocado                | -                 | .9   | .1   | -    | 1.9    | 2.9    | -                              | -    | -    | -    | -      | -      |
| Banana-Cavendish       | -                 | 6.0  | 3.0  | 2.9  | 60.1   | 72.0   | -                              | .1   | 1.4  | 1.3  | 224.8  | 227.7  |
| Banana-Ladyfinger      | -                 | 2.5  | .5   | 1.5  | 5.5    | 9.9    | -                              | 1.8  | 7.9  | .4   | 35.0   | 45.1   |
| Banana-Plantain        | -                 | 2.2  | .6   | -    | 4.4    | 7.2    | -                              | .8   | 5.9  | .1   | 26.7   | 33.5   |
| Bean-Export            | -                 | -    | 1.6  | -    | 19.9   | 21.5   | -                              | -    | -    | -    | .6     | .6     |
| Breadfruit             | -                 | .3   | -    | -    | -      | .3     | -                              | -    | -    | -    | .1     | .1     |
| Cabbage-European       | -                 | .8   | .4   | -    | 7.2    | 8.5    | -                              | .4   | .1   | -    | 5.9    | 6.4    |
| Capsicum               | -                 | .2   | -    | -    | 2.4    | 2.6    | -                              | -    | .8   | -    | 3.3    | 4.1    |
| Cassava                | -                 | 3.4  | 10.5 | 8.6  | 229.1  | 251.5  | -                              | 2.0  | 9.1  | 7.5  | 468.2  | 486.7  |
| Chestnut               | -                 | -    | -    | -    | .3     | .3     | -                              | 11.6 | .3   | -    | -      | 11.8   |
| Chilli                 | -                 | .1   | -    | -    | .7     | .7     | -                              | .3   | .6   | -    | 1.7    | 2.6    |
| Citrus-Orange          | -                 | 4.0  | 15.1 | 8.7  | 314.9  | 342.6  | -                              | .3   | 3.0  | .9   | 44.2   | 48.5   |
| Coconut                | -                 | 4.9  | 11.4 | 5.1  | 90.0   | 111.4  | -                              | .8   | 35.9 | 7.8  | 427.9  | 472.4  |
| Coffee                 | -                 | .1   | -    | -    | -      | .1     | -                              | -    | -    | .8   | 28.3   | 29.1   |
| Kumara                 | -                 | 4.8  | 5.6  | .8   | 79.9   | 91.1   | -                              | 5.6  | 7.4  | 1.8  | 127.5  | 142.3  |
| Mango                  | -                 | .3   | .8   | .7   | 9.6    | 11.5   | -                              | -    | .2   | -    | 1.0    | 1.2    |
| Melon-Water            | -                 | .7   | 1.6  | -    | 26.5   | 28.7   | -                              | -    | .6   | -    | 15.4   | 16.0   |
| Pawpaw-Solo            | -                 | 2.3  | 4.1  | 6.5  | 158.7  | 171.6  | -                              | -    | -    | -    | 1.0    | 1.0    |
| Pineapple              | -                 | .4   | -    | 1.1  | 2.8    | 4.3    | -                              | .3   | .1   | -    | 132.3  | 132.7  |
| Puraka                 | -                 | -    | -    | -    | .5     | .5     | -                              | -    | -    | -    | 12.2   | 12.7   |
| Taro-dry               | -                 | 2.8  | 3.5  | 1.7  | 52.3   | 60.2   | -                              | 12.2 | 3.2  | .5   | 10.6   | 26.5   |
| Taro-wet, flooded      | -                 | .2   | .1   | .4   | 35.5   | 36.2   | -                              | 1.0  | 1.0  | .7   | 12.7   | 15.3   |
| Taro-wet, raised       | -                 | .2   | 1.4  | .7   | 156.7  | 159.0  | -                              | .3   | 1.8  | -    | 107.1  | 108.2  |
| Taru                   | -                 | 3.6  | 2.6  | 1.7  | 37.2   | 45.2   | -                              | 4.4  | 8.8  | 2.0  | 217.7  | 233.0  |
| Tomato                 | -                 | 1.5  | 1.2  | .8   | 28.0   | 31.5   | -                              | .3   | 1.5  | -    | 9.0    | 10.8   |
| Vanilla                | -                 | .1   | -    | -    | .8     | .9     | -                              | .2   | -    | -    | 8.7    | 8.9    |
| Other root crops       | -                 | .4   | .7   | .4   | 2.7    | 4.1    | -                              | 1.0  | 1.2  | -    | 39.3   | 41.6   |
| Other tree crops       | -                 | 5.3  | 3.1  | .8   | 20.3   | 29.5   | -                              | .2   | .3   | -    | 13.5   | 14.0   |
| Other vegetable crops  | -                 | 4.6  | 3.4  | .8   | 25.4   | 34.3   | -                              | 1.5  | .8   | -    | 11.3   | 13.6   |
| Other crops-Not stated | -                 | .3   | .1   | -    | 2.0    | 2.3    | -                              | .2   | .2   | .3   | .3     | .9     |
| All Crops              | -                 | 52.7 | 71.3 | 43.1 | 1375.2 | 1542.2 | -                              | 45.4 | 93.2 | 24.3 | 2132.7 | 2295.5 |

Table 51: Crops Growing in Parcels Other than Scattered Crops -  
 Single Crop Equivalent Area (acres) of Separate Plantings by Region, Type of Crop and Type of Crop Mix (continued)

| Type of Crop           | Region: NORTHERN ISLANDS |     |      |      |       | Region: COOK ISLANDS |               |       |      |        |        |        |
|------------------------|--------------------------|-----|------|------|-------|----------------------|---------------|-------|------|--------|--------|--------|
|                        | Less than 1/4            | 1/4 | 1/2  | 3/4  | All   | Total                | Less than 1/4 | 1/4   | 1/2  | 3/4    | All    | Total  |
| Avocado                | -                        | -   | -    | -    | -     | -                    | -             | .9    | .1   | -      | 1.9    | 2.9    |
| Banana-Cavendish       | -                        | .6  | .6   | -    | -     | .6                   | 6.1           | 5.0   | -    | 4.2    | 285.0  | 300.3  |
| Banana-Ladyfinger      | -                        | 1.0 | -    | .6   | -     | 1.9                  | 4.7           | 9.4   | 2.4  | 40.4   | 40.4   | 56.9   |
| Banana-Plantain        | -                        | .9  | 1.2  | -    | -     | 8.4                  | 3.9           | 7.6   | .1   | 37.4   | 20.5   | 49.1   |
| Bean-Export            | -                        | -   | -    | -    | -     | -                    | -             | 1.6   | -    | -      | .1     | 22.1   |
| Breadfruit             | -                        | .1  | .4   | -    | -     | .5                   | .4            | .4    | -    | -      | .1     | .9     |
| Cabbage-European       | -                        | -   | -    | -    | -     | .3                   | 1.3           | .5    | -    | -      | 13.4   | 15.1   |
| Capsicum               | -                        | -   | -    | -    | -     | .3                   | .2            | .8    | -    | -      | 5.7    | 6.7    |
| Cassava                | -                        | .3  | .3   | -    | -     | 15.0                 | 5.6           | 19.8  | 16.1 | 711.7  | .3     | 753.3  |
| Chestnut               | -                        | -   | -    | -    | -     | -                    | 11.6          | .3    | -    | -      | 2.3    | 3.3    |
| Chilli                 | -                        | -   | -    | -    | -     | -                    | .4            | .6    | -    | -      | 2.3    | 3.3    |
| Citrus-Orange          | -                        | -   | -    | -    | -     | -                    | 4.3           | 18.1  | 9.6  | 359.1  | 9.6    | 391.1  |
| Coconut                | -                        | .6  | 16.6 | 4.4  | 417.9 | 439.5                | 6.3           | 63.9  | 17.3 | 935.9  | 17.3   | 1023.3 |
| Coffee                 | -                        | -   | -    | -    | -     | -                    | .1            | -     | .8   | 28.3   | -      | 29.2   |
| Kumara                 | -                        | .6  | 1.6  | -    | 1.0   | 3.2                  | 11.0          | 14.6  | 2.6  | 208.4  | 10.6   | 236.6  |
| Mango                  | -                        | -   | -    | -    | -     | -                    | .3            | 1.0   | .7   | 41.9   | 12.7   | 44.7   |
| Melon-Water            | -                        | -   | -    | -    | -     | -                    | .7            | 2.2   | -    | 160.5  | 174.4  | 174.4  |
| Pawpaw-Solo            | -                        | .5  | .1   | .4   | .8    | 1.8                  | 2.8           | 4.2   | 6.9  | 135.1  | 31.0   | 177.7  |
| Pineapple              | -                        | -   | -    | -    | -     | -                    | .7            | .1    | 1.1  | 135.1  | 137.0  | 137.0  |
| Puraka                 | -                        | 2.6 | 16.7 | 2.3  | 19.9  | 41.5                 | 14.8          | 19.9  | 2.8  | 31.0   | 68.5   | 68.5   |
| Taro-dry               | -                        | .2  | .3   | 1.0  | .8    | 2.2                  | 3.9           | 4.7   | 3.3  | 65.7   | 77.7   | 77.7   |
| Taro-wet, flooded      | -                        | -   | .2   | 2.7  | 20.9  | 23.8                 | .2            | 1.4   | 3.1  | 163.6  | 168.3  | 168.3  |
| Taro-wet, raised       | -                        | -   | .3   | 1.4  | 7.9   | 9.6                  | .5            | 3.4   | 2.1  | 323.1  | 329.2  | 329.2  |
| Tarua                  | -                        | -   | .3   | -    | .3    | .6                   | 8.0           | 11.7  | 3.7  | 255.3  | 278.7  | 278.7  |
| Tomato                 | -                        | .1  | .3   | -    | .3    | .7                   | 1.9           | 3.0   | .8   | 37.3   | 43.0   | 43.0   |
| Vanilla                | -                        | -   | -    | -    | -     | -                    | .3            | -     | -    | 9.5    | 9.8    | 9.8    |
| Other root crops       | -                        | -   | -    | -    | -     | -                    | 1.4           | 1.9   | .4   | 42.0   | 45.7   | 45.7   |
| Other tree crops       | -                        | -   | -    | -    | -     | -                    | 5.5           | 3.4   | .8   | 33.8   | 43.5   | 43.5   |
| Other vegetable crops  | -                        | .8  | .3   | -    | .3    | 1.3                  | 6.9           | 4.4   | .8   | 37.0   | 49.2   | 49.2   |
| Other crops-Not stated | -                        | -   | -    | -    | -     | -                    | .5            | .2    | .3   | 2.2    | 3.2    | 3.2    |
| All Crops              | -                        | 6.9 | 40.0 | 12.7 | 491.2 | 550.8                | 105.0         | 204.5 | 80.0 | 3999.1 | 4388.5 | 4388.5 |

Table 52: Crops Growing in Parcels Other than Scattered Crops -  
Single Crop Equivalent Area (acres) of Separate Plantings by Region, Type of Crop  
and Size of Planting

Region: RAROTONGA

| Type of Crop           | Size of Planting (single crop equivalent area) |           |           |           |           |           |           |              |   |        | Total |
|------------------------|------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|---|--------|-------|
|                        | Less than 0.25                                 | 0.25-0.49 | 0.50-0.99 | 1.00-1.99 | 2.00-2.99 | 3.00-4.99 | 5.00-9.99 | 10.00 & over |   |        |       |
| Avocado                | 1.1                                            | .4        | .5        | 1.0       | -         | -         | -         | -            | - | 2.9    |       |
| Banana-Cavendish       | 10.3                                           | 20.7      | 22.1      | 14.8      | 4.0       | -         | -         | -            | - | 72.0   |       |
| Banana-Ladyfinger      | 3.2                                            | 2.5       | 1.6       | 2.6       | -         | -         | -         | -            | - | 9.9    |       |
| Banana-Plantain        | 1.8                                            | 2.1       | 1.0       | 2.3       | -         | -         | -         | -            | - | 7.2    |       |
| Bean-Export            | .6                                             | 3.9       | 2.4       | 12.6      | 2.0       | -         | -         | -            | - | 21.5   |       |
| Breadfruit             | .3                                             | -         | -         | -         | -         | -         | -         | -            | - | .3     |       |
| Cabbage-European       | 1.4                                            | 2.2       | 2.9       | 2.0       | -         | -         | -         | -            | - | 8.5    |       |
| Capicum                | .4                                             | 1.2       | -         | 1.0       | -         | -         | -         | -            | - | 2.6    |       |
| Cassava                | 27.8                                           | 65.6      | 85.0      | 52.3      | 10.9      | -         | -         | 10.0         | - | 251.5  |       |
| Chestnut               | -                                              | .3        | -         | -         | -         | -         | -         | -            | - | .3     |       |
| Chilli                 | .4                                             | .4        | -         | -         | -         | -         | -         | -            | - | .7     |       |
| Citrus-Orange          | 4.1                                            | 25.7      | 73.4      | 111.5     | 70.2      | 27.5      | 5.5       | 24.8         | - | 342.6  |       |
| Coconut                | 4.7                                            | 10.8      | 19.1      | 23.8      | 16.5      | 3.0       | 21.5      | 12.0         | - | 111.4  |       |
| Coffee                 | .1                                             | -         | -         | -         | -         | -         | -         | -            | - | .1     |       |
| Kumara                 | 18.3                                           | 31.9      | 20.3      | 16.6      | 4.0       | -         | -         | -            | - | 91.1   |       |
| Mango                  | 1.0                                            | -         | 1.5       | -         | 6.0       | 3.0       | -         | -            | - | 11.5   |       |
| Melon-Water            | 1.2                                            | 3.9       | 5.3       | 9.1       | 9.3       | -         | -         | -            | - | 28.7   |       |
| Pawpaw-Solo            | 3.1                                            | 12.8      | 49.1      | 70.8      | 23.9      | 11.9      | -         | -            | - | 171.6  |       |
| Pineapple              | .2                                             | 1.0       | .5        | 2.6       | -         | -         | -         | -            | - | 4.3    |       |
| Puraka                 | -                                              | -         | .5        | -         | -         | -         | -         | -            | - | .5     |       |
| Taro-dry               | 11.7                                           | 21.2      | 13.9      | 13.4      | -         | -         | -         | -            | - | 60.2   |       |
| Taro-wet, flooded      | 6.3                                            | 10.2      | 10.4      | 7.3       | 2.0       | -         | -         | -            | - | 36.2   |       |
| Taro-wet, raised       | 26.3                                           | 50.8      | 51.7      | 26.2      | 4.0       | -         | -         | -            | - | 159.0  |       |
| Taru                   | 12.7                                           | 15.0      | 12.2      | 3.3       | 2.0       | -         | -         | -            | - | 45.2   |       |
| Tomato                 | 4.3                                            | 8.3       | 7.6       | 6.4       | 2.0       | 3.0       | -         | -            | - | 31.5   |       |
| Vanilla                | .1                                             | .8        | -         | -         | -         | -         | -         | -            | - | .9     |       |
| Other root crops       | .9                                             | 2.7       | .5        | -         | -         | -         | -         | -            | - | 4.1    |       |
| Other tree crops       | 3.8                                            | 6.5       | 7.9       | 9.3       | 2.0       | -         | -         | -            | - | 29.5   |       |
| Other vegetable crops  | 6.7                                            | 8.0       | 8.3       | 9.3       | 2.0       | -         | -         | -            | - | 34.3   |       |
| Other crops-Not stated | .5                                             | -         | .5        | 1.3       | -         | -         | -         | -            | - | 2.3    |       |
| All Crops              | 153.2                                          | 308.8     | 398.0     | 399.4     | 160.7     | 48.4      | 37.0      | 36.8         | - | 1542.2 |       |

Table 52: Crops Growing in Parcels Other than Scattered Crops -  
 Single Crop Equivalent Area (acres) of Separate Plantings by Region, Type of Crop  
 and Size of Planting (continued)

Region: OTHER SOUTHERN ISLANDS

| Type of Crop           | Size of Planting (single crop equivalent area) |           |           |           |           |           |           |              |   |        | Total |   |
|------------------------|------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|---|--------|-------|---|
|                        | Less than 0.25                                 | 0.25-0.49 | 0.50-0.99 | 1.00-1.99 | 2.00-2.99 | 3.00-4.99 | 5.00-9.99 | 10.00 & over |   |        |       |   |
| Avocado                | -                                              | -         | -         | -         | -         | -         | -         | -            | - | -      | -     | - |
| Banana-Cavendish       | 3.9                                            | 17.7      | 55.4      | 81.0      | 32.4      | 32.3      | 5.0       | -            | - | 227.7  |       |   |
| Banana-Ladyfinger      | 4.0                                            | 9.2       | 19.2      | 10.7      | 2.0       | -         | -         | -            | - | 45.1   |       |   |
| Banana-Plantain        | 4.8                                            | 8.3       | 8.9       | 8.9       | 2.5       | -         | -         | -            | - | 33.5   |       |   |
| Bean-Export            | .1                                             | .5        | -         | -         | -         | -         | -         | -            | - | .6     |       |   |
| Breadfruit             | .1                                             | -         | -         | -         | -         | -         | -         | -            | - | .1     |       |   |
| Cabbage-European       | 1.7                                            | 1.1       | 2.0       | 1.5       | -         | -         | -         | -            | - | 6.4    |       |   |
| Capsicum               | .3                                             | 2.1       | 1.8       | -         | -         | -         | -         | -            | - | 4.1    |       |   |
| Cassava                | 40.4                                           | 98.2      | 191.9     | 118.4     | 31.3      | 6.6       | 7.5       | -            | - | 485.7  |       |   |
| Chestnut               | .1                                             | .3        | -         | -         | 4.0       | -         | -         | -            | - | 11.8   |       |   |
| Chilli                 | 1.0                                            | 1.6       | -         | -         | -         | -         | -         | -            | - | 2.6    |       |   |
| Citrus-Orange          | 3.0                                            | 7.4       | 18.7      | 17.5      | 2.0       | -         | -         | -            | - | 48.5   |       |   |
| Coconut                | 2.8                                            | 11.6      | 31.4      | 67.8      | 49.3      | 100.5     | 105.0     | 104.0        | - | 472.4  |       |   |
| Coffee                 | .7                                             | 2.6       | 5.1       | 8.8       | 2.0       | -         | 10.0      | -            | - | 29.1   |       |   |
| Kumara                 | 35.9                                           | 57.7      | 32.6      | 16.1      | -         | -         | -         | -            | - | 142.3  |       |   |
| Mango                  | .2                                             | -         | -         | 1.0       | -         | -         | -         | -            | - | 1.2    |       |   |
| Melon-Water            | .7                                             | 1.2       | 4.9       | 9.3       | -         | -         | -         | -            | - | 16.0   |       |   |
| Pawpaw-Solo            | .2                                             | .8        | -         | -         | -         | -         | -         | -            | - | 1.0    |       |   |
| Pineapple              | 2.3                                            | 2.3       | 12.8      | 26.6      | 14.3      | 27.0      | 24.0      | 23.5         | - | 132.7  |       |   |
| Puraka                 | 2.5                                            | 4.8       | 4.1       | 3.7       | 4.0       | -         | 7.5       | -            | - | 26.5   |       |   |
| Taro-dry               | 7.4                                            | 4.8       | 1.9       | 1.3       | -         | -         | -         | -            | - | 15.3   |       |   |
| Taro-wet, flooded      | 10.7                                           | 39.0      | 39.7      | 16.9      | 2.0       | -         | -         | -            | - | 108.2  |       |   |
| Taro-wet, raised       | 23.3                                           | 42.4      | 69.3      | 25.6      | -         | -         | -         | -            | - | 160.6  |       |   |
| Taru                   | 39.7                                           | 77.5      | 78.6      | 32.6      | 4.5       | -         | -         | -            | - | 233.0  |       |   |
| Tomato                 | 3.2                                            | 4.4       | 3.1       | -         | -         | -         | -         | -            | - | 10.8   |       |   |
| Vanilla                | .4                                             | 2.0       | 4.5       | 2.0       | -         | -         | -         | -            | - | 8.9    |       |   |
| Other root crops       | 4.6                                            | 13.3      | 12.3      | 6.3       | 5.0       | -         | -         | -            | - | 41.6   |       |   |
| Other tree crops       | .9                                             | 1.7       | 4.9       | 2.5       | -         | 4.0       | -         | -            | - | 14.0   |       |   |
| Other vegetable crops  | 2.9                                            | 5.3       | 4.5       | 1.0       | -         | -         | -         | -            | - | 13.6   |       |   |
| Other crops-Not stated | .4                                             | .5        | -         | -         | -         | -         | -         | -            | - | .9     |       |   |
| All Crops              | 198.2                                          | 418.4     | 607.5     | 459.4     | 155.2     | 170.3     | 159.0     | 127.5        | - | 2295.5 |       |   |

Table 52: Crops Growing in Parcels Other than Scattered Crops--  
 Single Crop Equivalent Area (acres) of Separate Plantings by Region, Type of Crop  
 and Size of Planting (continued)

Region: NORTHERN ISLANDS

| Type of Crop           | Size of Planting (single crop equivalent area) |           |           |           |           |           |                   | Total |
|------------------------|------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-------------------|-------|
|                        | Less than 0.25                                 | 0.25-0.49 | 0.50-0.99 | 1.00-1.99 | 2.00-2.99 | 3.00-4.99 | 5.00-10.00 & over |       |
| Avocado                | -                                              | -         | -         | -         | -         | -         | -                 | -     |
| Banana-Cavendish       | .1                                             | .5        | -         | -         | -         | -         | -                 | .6    |
| Banana-Ladyfinger      | .3                                             | -         | .6        | -         | 1.0       | -         | -                 | 1.9   |
| Banana-Plantain        | 1.0                                            | 2.3       | 4.1       | 1.0       | -         | -         | -                 | 8.4   |
| Bean-Export            | -                                              | -         | -         | -         | -         | -         | -                 | -     |
| Breadfruit             | .1                                             | .4        | -         | -         | -         | -         | -                 | .5    |
| Cabbage-European       | -                                              | .3        | -         | -         | -         | -         | -                 | .3    |
| Capsicum               | -                                              | -         | -         | -         | -         | -         | -                 | -     |
| Cassava                | -                                              | 1.5       | -         | -         | -         | -         | -                 | -     |
| Chestnut               | -                                              | -         | 2.2       | -         | 5.3       | 4.0       | -                 | 15.0  |
| Chilli                 | -                                              | -         | -         | -         | -         | -         | -                 | -     |
| Citrus-Orange          | -                                              | -         | -         | -         | -         | -         | -                 | -     |
| Coconut                | 5.4                                            | 18.8      | 49.6      | 120.6     | 80.8      | 95.4      | 59.0              | 439.5 |
| Coffee                 | -                                              | -         | -         | -         | -         | -         | -                 | -     |
| Kumara                 | .4                                             | 2.3       | .5        | -         | -         | -         | -                 | 3.2   |
| Mango                  | -                                              | -         | -         | -         | -         | -         | -                 | -     |
| Melon-Water            | -                                              | -         | -         | -         | -         | -         | -                 | -     |
| Pawpaw-Solo            | -                                              | -         | .5        | -         | -         | -         | -                 | 1.8   |
| Pineapple              | .6                                             | .6        | -         | -         | -         | -         | -                 | -     |
| Puraka                 | -                                              | -         | -         | -         | -         | -         | -                 | -     |
| Taro-dry               | 7.9                                            | 9.6       | 12.3      | 9.6       | 2.0       | -         | -                 | 41.5  |
| Taro-wet, flooded      | 1.1                                            | .5        | .5        | -         | -         | -         | -                 | 2.2   |
| Taro-wet, raised       | 2.7                                            | 4.3       | 4.8       | 9.6       | 2.4       | -         | -                 | 23.8  |
| Tarua                  | 1.8                                            | 2.5       | 4.1       | 1.1       | -         | -         | -                 | 9.6   |
| Tomato                 | -                                              | .6        | -         | -         | -         | -         | -                 | .6    |
| Vanilla                | .4                                             | .3        | -         | -         | -         | -         | -                 | .7    |
| Other root crops       | -                                              | -         | -         | -         | -         | -         | -                 | -     |
| Other tree crops       | -                                              | -         | -         | -         | -         | -         | -                 | -     |
| Other vegetable crops  | -                                              | .5        | -         | -         | -         | -         | -                 | -     |
| Other crops-Not stated | .8                                             | -         | -         | -         | -         | -         | -                 | 1.3   |
| All Crops              | 22.9                                           | 45.0      | 79.1      | 148.3     | 87.2      | 99.4      | 59.0              | 550.8 |

Table 52: Crops Growing in Parcels Other than Scattered Crops -  
 Single Crop Equivalent Area (acres) of Separate Plantings by Region, Type of Crop  
 and Size of Planting (continued)

Region: COOK ISLANDS

| Type of Crop           | Size of Planting (single crop equivalent area) |           |           |           |           |           |           |              |        |     | Total |
|------------------------|------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|--------|-----|-------|
|                        | Less than 0.25                                 | 0.25-0.49 | 0.50-0.99 | 1.00-1.99 | 2.00-2.99 | 3.00-4.99 | 5.00-9.99 | 10.00 & over |        |     |       |
| Avocado                | 1.1                                            | .4        | .5        | 1.0       | -         | -         | -         | -            | -      | 2.9 |       |
| Banana-Cavendish       | 14.4                                           | 38.9      | 77.5      | 95.9      | 36.4      | 32.3      | 5.0       | -            | 300.3  |     |       |
| Banana-Ladyfinger      | 7.5                                            | 11.8      | 21.3      | 14.3      | 2.0       | -         | -         | -            | 56.9   |     |       |
| Banana-Plantain        | 7.7                                            | 12.7      | 14.0      | 12.2      | 2.5       | -         | -         | -            | 49.1   |     |       |
| Bean-Export            | .7                                             | 4.4       | 2.4       | 12.6      | 2.0       | -         | -         | -            | 22.1   |     |       |
| Breadfruit             | .5                                             | .4        | -         | -         | -         | -         | -         | -            | .9     |     |       |
| Cabbage-European       | 3.1                                            | 3.6       | 4.9       | 3.5       | -         | -         | -         | -            | 15.1   |     |       |
| Capsicum               | .6                                             | 3.3       | 1.8       | 1.0       | -         | -         | -         | -            | 6.7    |     |       |
| Cassava                | 68.1                                           | 165.3     | 279.1     | 176.0     | 44.1      | 10.6      | 10.0      | -            | 753.3  |     |       |
| Chestnut               | .1                                             | .5        | -         | -         | 4.0       | -         | 7.5       | -            | 12.1   |     |       |
| Chilli                 | 1.3                                            | 2.0       | -         | -         | -         | -         | -         | -            | 3.3    |     |       |
| Citrus-Orange          | 7.2                                            | 33.0      | 92.1      | 129.0     | 72.2      | 27.5      | 5.5       | 24.8         | 391.1  |     |       |
| Coconut                | 12.9                                           | 41.2      | 100.0     | 212.2     | 146.5     | 198.9     | 185.5     | 126.0        | 1023.3 |     |       |
| Coffee                 | .7                                             | 2.6       | 5.1       | 8.8       | 2.0       | -         | 10.0      | -            | 29.2   |     |       |
| Kumara                 | 54.7                                           | 91.8      | 53.4      | 32.7      | 4.0       | -         | -         | -            | 236.6  |     |       |
| Mango                  | 1.2                                            | -         | 1.5       | 1.0       | 6.0       | 3.0       | -         | -            | 12.7   |     |       |
| Melon-Water            | 1.9                                            | 5.1       | 10.2      | 18.4      | 9.3       | -         | -         | -            | 44.7   |     |       |
| Pawpaw-Solo            | 4.0                                            | 14.2      | 49.6      | 70.8      | 23.9      | 11.9      | -         | -            | 174.4  |     |       |
| Pineapple              | 2.5                                            | 3.3       | 13.3      | 29.3      | 14.3      | 27.0      | 24.0      | 23.5         | 137.0  |     |       |
| Puraka                 | 10.4                                           | 14.4      | 16.9      | 13.2      | 6.0       | -         | 7.5       | -            | 68.5   |     |       |
| Taro-dry               | 20.3                                           | 26.5      | 16.3      | 14.6      | -         | -         | -         | -            | 77.7   |     |       |
| Taro-wet, flooded      | 19.8                                           | 53.5      | 54.8      | 33.8      | 6.4       | -         | -         | -            | 168.3  |     |       |
| Taro-wet, raised       | 51.5                                           | 95.7      | 125.1     | 52.9      | 4.0       | -         | -         | -            | 329.2  |     |       |
| Taru                   | 52.4                                           | 93.1      | 90.9      | 35.9      | 6.5       | -         | -         | -            | 278.7  |     |       |
| Tomato                 | 7.9                                            | 13.0      | 10.7      | 6.4       | 2.0       | 3.0       | -         | -            | 43.0   |     |       |
| Vanilla                | .6                                             | 2.7       | 4.5       | 2.0       | -         | -         | -         | -            | 9.8    |     |       |
| Other root crops       | 5.5                                            | 16.1      | 12.8      | 6.3       | 5.0       | -         | -         | -            | 45.7   |     |       |
| Other tree crops       | 4.6                                            | 8.3       | 12.8      | 11.8      | 2.0       | 4.0       | -         | -            | 43.5   |     |       |
| Other vegetable crops  | 10.3                                           | 13.8      | 12.8      | 10.3      | 2.0       | -         | -         | -            | 49.2   |     |       |
| Other crops-Not stated | .9                                             | .5        | .5        | 1.3       | -         | -         | -         | -            | 3.2    |     |       |
| All Crops              | 374.3                                          | 772.2     | 1084.6    | 1007.1    | 403.0     | 318.1     | 255.0     | 174.3        | 4388.5 |     |       |

Table 53: Crops Growing in Parcels Other than Scattered Crops -  
 Single Crop Equivalent Area (acres) of Separate Plantings by Region, Type of Crop and Proportion for Sale  
 Region: RAROTONGA

| Type of Crop           | Proportion for Sale |      |       |       |       | Total  | Proportion for Sale |      |       |       |       | Total  |
|------------------------|---------------------|------|-------|-------|-------|--------|---------------------|------|-------|-------|-------|--------|
|                        | None                | 1/4  | 1/2   | 3/4   | All   |        | None                | 1/4  | 1/2   | 3/4   | All   |        |
| Avocado                | 1.9                 | .2   | .2    | .7    | -     | 2.9    | -                   | -    | -     | -     | -     | -      |
| Banana-Cavendish       | 54.1                | 4.6  | 6.7   | 2.3   | 4.4   | 72.0   | 33.2                | 3.3  | -     | -     | 191.2 | 227.7  |
| Banana-Ladyfinger      | 9.8                 | -    | .1    | -     | -     | 9.9    | 44.2                | .5   | -     | -     | .4    | 45.1   |
| Banana-Plantain        | 6.9                 | -    | -     | -     | .3    | 7.2    | 31.4                | .9   | .8    | -     | .4    | 33.5   |
| Bean-Export            | .3                  | .5   | .6    | 3.9   | 16.1  | 21.5   | .1                  | -    | -     | -     | .5    | .6     |
| Breadfruit             | .3                  | -    | -     | -     | -     | .3     | .1                  | -    | -     | -     | -     | .1     |
| Cabbage-European       | 1.4                 | .1   | .5    | 1.7   | 4.8   | 8.5    | .4                  | .5   | .9    | 3.5   | 1.1   | 6.4    |
| Capsicum               | -                   | -    | .2    | .3    | 2.2   | 2.6    | .5                  | -    | -     | .3    | 3.3   | 4.1    |
| Cassava                | 206.2               | 5.9  | 21.9  | 6.7   | 10.9  | 251.5  | 422.4               | 7.7  | 38.7  | 17.0  | 1.0   | 486.7  |
| Chestnut               | .3                  | -    | -     | -     | -     | .3     | 2.1                 | -    | 9.8   | -     | -     | 11.8   |
| Chilli                 | -                   | -    | -     | .1    | .7    | .7     | .9                  | -    | -     | -     | 1.7   | 2.6    |
| Citrus-Orange          | 199.4               | 15.5 | 22.6  | 27.1  | 78.0  | 342.6  | 31.9                | 4.1  | 10.3  | -     | 2.1   | 48.5   |
| Coconut                | 93.2                | .5   | 14.7  | 3.0   | -     | 111.4  | 449.3               | 5.4  | 14.2  | -     | 3.5   | 472.4  |
| Coffee                 | .1                  | -    | -     | -     | -     | .1     | 8.5                 | -    | 2.5   | 9.8   | 8.4   | 29.1   |
| Kumara                 | 70.9                | 2.2  | 10.2  | 3.7   | 4.1   | 91.1   | 129.3               | 1.9  | 5.1   | 4.1   | 1.8   | 142.3  |
| Mango                  | 1.9                 | .1   | 2.0   | 5.5   | 2.0   | 11.5   | 1.2                 | -    | .4    | 4.5   | -     | 1.2    |
| Melon-Water            | 4.3                 | -    | 2.5   | 5.3   | 16.7  | 28.7   | 3.2                 | .7   | .4    | 4.5   | 7.3   | 16.0   |
| Pawpaw-Solo            | 22.6                | 2.5  | 7.5   | 33.7  | 105.2 | 171.6  | .6                  | -    | -     | -     | .4    | 1.0    |
| Pineapple              | 4.2                 | -    | -     | -     | .1    | 4.3    | 6.1                 | 3.3  | 6.3   | 66.2  | 50.9  | 132.7  |
| Puraka                 | .5                  | -    | -     | -     | -     | .5     | 26.5                | -    | -     | -     | -     | 26.5   |
| Taro-dry               | 47.9                | 1.1  | 5.9   | 2.3   | 3.1   | 60.2   | 13.3                | -    | 2.0   | -     | -     | 15.3   |
| Taro-wet, flooded      | 27.6                | 2.0  | 4.0   | 1.4   | 1.3   | 36.2   | 85.7                | 4.7  | 12.7  | 4.5   | .8    | 108.2  |
| Taro-wet, raised       | 122.2               | 9.6  | 13.8  | 9.7   | 3.7   | 159.0  | 133.8               | 7.5  | 15.1  | 2.6   | 1.5   | 160.6  |
| Tarua                  | 35.3                | 1.2  | 3.9   | 3.1   | 1.6   | 45.2   | 187.2               | 6.4  | 23.8  | 6.4   | 9.2   | 233.0  |
| Tomato                 | 8.3                 | .7   | 6.9   | 3.7   | 11.8  | 31.5   | 2.3                 | -    | 1.5   | 3.5   | 3.5   | 10.8   |
| Vanilla                | .9                  | -    | -     | -     | -     | .9     | 4.8                 | .8   | -     | .8    | 2.6   | 8.9    |
| Other root crops       | 2.8                 | .3   | .4    | .6    | -     | 4.1    | 32.8                | 1.2  | 3.0   | 4.5   | 2.6   | 41.6   |
| Other tree crops       | 21.2                | 1.0  | 1.0   | 1.6   | 4.6   | 29.5   | 9.9                 | -    | -     | 4.0   | .1    | 14.0   |
| Other vegetable crops  | 9.5                 | 1.2  | 4.4   | 4.9   | 14.3  | 34.3   | 4.8                 | .3   | 1.1   | 3.1   | 4.4   | 13.6   |
| Other crops-Not stated | 1.3                 | -    | -     | .4    | .5    | 2.3    | .5                  | .3   | .1    | -     | -     | .9     |
| All Crops              | 955.4               | 49.0 | 130.1 | 121.6 | 286.1 | 1542.2 | 1667.2              | 49.3 | 148.2 | 134.8 | 296.1 | 2295.5 |

Region: OTHER SOUTHERN ISLANDS



Table 54: Scattered Crops Growing in Parcels -  
 Number of Separate Plantings by Type of Crop and Island

| Type of Crop           | ISLAND     |           |         |      |       |         |            |          |        |          |           | COOK ISLANDS |         |
|------------------------|------------|-----------|---------|------|-------|---------|------------|----------|--------|----------|-----------|--------------|---------|
|                        | Raro-tonga | Aitu-taki | Mangaia | Atiu | Mauke | Mitiaro | Palmerston | Pukapuka | Nassau | Manihiki | Rakabanga |              | Penrhyn |
| Avocado                | 135        | 21        | 10      | 3    | 1     | 3       | -          | -        | -      | -        | -         | -            | 173     |
| Banana-Cavendish       | 166        | 18        | 25      | 13   | 1     | 1       | -          | 5        | 2      | 4        | 20        | 255          |         |
| Banana-Ladyfinger      | 96         | 17        | 13      | 9    | 10    | 22      | -          | 4        | 11     | 1        | 183       |              |         |
| Banana-Plantain        | 51         | 68        | 6       | 7    | 16    | 1       | -          | 50       | 2      | -        | 236       |              |         |
| Bean-Export            | -          | -         | -       | -    | -     | -       | -          | -        | -      | -        | -         | 35           |         |
| Breadfruit             | 151        | 42        | 8       | 26   | 8     | 52      | -          | 3        | 1      | -        | 21        | 317          |         |
| Cabbage-European       | 2          | -         | -       | 1    | -     | -       | -          | -        | 6      | -        | -         | 3            |         |
| Capiscum               | 2          | 2         | -       | -    | -     | -       | -          | -        | -      | -        | -         | 5            |         |
| Cassava                | 10         | 1         | -       | -    | -     | -       | -          | -        | 5      | -        | -         | 21           |         |
| Chestnut               | 114        | 101       | 4       | 46   | 15    | 33      | -          | -        | 5      | -        | -         | 313          |         |
| Chilli                 | 4          | 144       | -       | -    | 1     | 2       | -          | -        | -      | -        | -         | 151          |         |
| Citrus-Orange          | 75         | 27        | 13      | 4    | 1     | 2       | -          | -        | -      | -        | -         | 120          |         |
| Coconut                | 729        | 1065      | 147     | 141  | 98    | 55      | -          | 12       | -      | 1        | 2         | 2250         |         |
| Coffee                 | 4          | -         | 2       | -    | -     | -       | -          | -        | -      | -        | -         | 6            |         |
| Kumara                 | 6          | 3         | -       | -    | -     | 1       | -          | -        | 6      | -        | -         | 17           |         |
| Mango                  | 241        | 498       | 10      | 53   | 40    | 28      | -          | -        | 6      | -        | 1         | 870          |         |
| Melon-Rater            | 1          | 1         | -       | -    | -     | -       | -          | -        | 2      | -        | -         | 4            |         |
| Pawpaw-Solo            | 32         | 11        | 3       | -    | 2     | -       | -          | 1        | 3      | -        | 30        | 82           |         |
| Pineapple              | 1          | 2         | -       | -    | -     | -       | -          | -        | 9      | -        | -         | 3            |         |
| Puraka                 | -          | 37        | -       | -    | -     | 2       | -          | 3        | 6      | -        | -         | 58           |         |
| Taro-dry               | 8          | -         | -       | 1    | -     | -       | -          | -        | 1      | -        | -         | 10           |         |
| Taro-wet, flooded      | -          | -         | -       | -    | -     | -       | -          | -        | -      | -        | -         | -            |         |
| Taro-wet, raised       | 1          | 1         | -       | -    | -     | 1       | -          | -        | 2      | -        | -         | 3            |         |
| Tarua                  | 22         | -         | -       | -    | -     | 4       | -          | -        | 1      | -        | -         | 28           |         |
| Tomato                 | 9          | -         | -       | 1    | -     | -       | -          | -        | 1      | -        | -         | 12           |         |
| Vanilla                | 3          | 1         | -       | -    | -     | -       | -          | -        | -      | -        | -         | 4            |         |
| Other root crops       | 12         | 3         | -       | 1    | 1     | 3       | -          | -        | -      | -        | -         | 20           |         |
| Other tree crops       | 371        | 450       | 20      | 16   | 12    | 6       | -          | -        | 4      | 2        | 7         | 888          |         |
| Other vegetable crops  | 45         | 15        | -       | 5    | 2     | -       | -          | -        | 17     | 1        | -         | 83           |         |
| Other crops-Not stated | 29         | 21        | -       | -    | 2     | 5       | -          | -        | -      | -        | -         | 57           |         |
| All Crops              | 2320       | 2549      | 261     | 327  | 207   | 224     | -          | 78       | 11     | 67       | 9         | 120          | 6173    |

Table 55: Scattered Crops Growing in Parcels -  
Number of Plants Growing at the Time of the Census by Type of Crop and Island

| Type of Crop           | ISLAND     |           |         |      |       |         |            |          |        |          |           |         |         |     | COOK ISLANDS |
|------------------------|------------|-----------|---------|------|-------|---------|------------|----------|--------|----------|-----------|---------|---------|-----|--------------|
|                        | Raro-tonga | Aitu-taki | Mangaia | Atiu | Mauke | Mitiaro | Palmerston | Pukapuka | Nassau | Manihiki | Rakahanga | Penrhyn | ISLANDS |     |              |
| Avocado                | 711        | 43        | 23      | 17   | 8     | 8       | -          | -        | -      | -        | -         | -       | -       | 810 |              |
| Banana-Cavendish       | 3364       | 218       | 341     | 284  | 20    | 3       | -          | 80       | -      | 19       | 19        | 76      | 4424    |     |              |
| Banana-Ladyfinger      | 1601       | 324       | 219     | 260  | 211   | 269     | -          | 56       | -      | 158      | 4         | -       | 3102    |     |              |
| Banana-Plantain        | 712        | 868       | 66      | 161  | 309   | 3       | -          | 537      | 50     | -        | -         | 239     | 2945    |     |              |
| Bean-Export            | -          | -         | -       | -    | -     | -       | -          | -        | -      | 10       | -         | -       | 10      |     |              |
| Beardfruit             | 349        | 103       | 23      | 146  | 42    | 299     | -          | 4        | -      | 18       | -         | 43      | 1027    |     |              |
| Cabbage-European       | 180        | -         | -       | 100  | -     | -       | -          | -        | -      | -        | -         | -       | 280     |     |              |
| Capsicum               | 230        | 71        | -       | -    | -     | -       | -          | -        | -      | -        | -         | 10      | 311     |     |              |
| Cassava                | 885        | 250       | -       | -    | -     | 794     | -          | -        | -      | 177      | -         | -       | 2106    |     |              |
| Chestnut               | 342        | 281       | 17      | 358  | 83    | 87      | -          | -        | -      | -        | -         | -       | 1168    |     |              |
| Chilli                 | 61         | 1571      | -       | -    | 100   | 84      | -          | -        | -      | -        | -         | -       | 1816    |     |              |
| Citrus-Orange          | 901        | 223       | 103     | 107  | -     | -       | -          | -        | -      | -        | 7         | 4       | 1338    |     |              |
| Coconut                | 8624       | 8547      | 1818    | 2716 | 1119  | 402     | -          | 37       | -      | -        | -         | 4       | 23274   |     |              |
| Coffee                 | 61         | -         | 70      | -    | -     | -       | -          | -        | -      | -        | -         | -       | 131     |     |              |
| Kumara                 | 771        | 113       | -       | -    | -     | 50      | -          | -        | -      | 241      | -         | 10      | 1185    |     |              |
| Mango                  | 1047       | 1402      | 28      | 484  | 164   | 77      | -          | -        | -      | 45       | -         | -       | 3202    |     |              |
| Melon-Water            | 30         | 20        | -       | -    | -     | -       | -          | -        | -      | 38       | -         | -       | 95      |     |              |
| Papaw-Solo             | 589        | 72        | 42      | -    | 33    | -       | -          | 5        | -      | -        | -         | 146     | 925     |     |              |
| Pineapple              | 60         | 53        | -       | -    | -     | -       | -          | -        | -      | -        | -         | -       | 113     |     |              |
| Puraka                 | -          | 1325      | -       | -    | -     | 150     | -          | 140      | 1510   | 218      | -         | 20      | 3363    |     |              |
| Taro-dry               | 550        | -         | -       | 20   | -     | -       | -          | -        | -      | 20       | -         | -       | 590     |     |              |
| Taro-wet, flooded      | -          | -         | -       | -    | -     | -       | -          | -        | -      | -        | -         | -       | -       |     |              |
| Taro-wet, raised       | 6          | 25        | -       | -    | -     | 8       | -          | -        | -      | -        | -         | -       | 39      |     |              |
| Taru                   | 908        | -         | -       | -    | -     | 214     | -          | -        | -      | 70       | -         | 10      | 1192    |     |              |
| Tomato                 | 910        | -         | -       | 30   | -     | -       | -          | -        | -      | 10       | -         | -       | 960     |     |              |
| Vanilla                | 25         | 1         | -       | -    | -     | -       | -          | -        | -      | -        | -         | -       | 26      |     |              |
| Other root crops       | 1017       | 107       | -       | 6    | 30    | 63      | -          | -        | -      | -        | -         | -       | 1223    |     |              |
| Other tree crops       | 1896       | 3363      | 85      | 129  | 81    | 64      | -          | -        | -      | 13       | 11        | 20      | 5662    |     |              |
| Other vegetable crops  | 3480       | 386       | -       | 167  | -     | -       | -          | -        | -      | 418      | 5         | -       | 4456    |     |              |
| Other crops-Not stated | 430        | 449       | -       | -    | 6     | 158     | -          | -        | -      | -        | -         | -       | 1043    |     |              |
| All Crops              | 29740      | 19815     | 2835    | 4985 | 2206  | 2733    | -          | 859      | 1560   | 1455     | 46        | 582     | 66816   |     |              |

Table 55A: Scattered Crops Growing in Parcels -  
Single Crop Equivalent Area (acres) by Type of Crop and Island

| Type of Crop           | ISLAND         |               |         |      |       |         |                 |               |        |               |                | COOK ISLANDS |         |   |       |
|------------------------|----------------|---------------|---------|------|-------|---------|-----------------|---------------|--------|---------------|----------------|--------------|---------|---|-------|
|                        | Raro-<br>tonga | Aitu-<br>taki | Mangata | Atiu | Mauke | Mitiaro | Palmer-<br>ston | Puka-<br>puka | Nassau | Mani-<br>hiki | Raka-<br>hanga |              | Penrhyn |   |       |
| Avocado                | 17.3           | 1.0           | .6      | .4   | .2    | .2      | -               | -             | -      | -             | -              | -            | -       | - | -     |
| Banana-Cavendish       | 4.0            | .3            | .4      | .3   | *     | *       | -               | -             | -      | -             | -              | -            | -       | - | 19.8  |
| Banana-Ladyfinger      | 1.9            | .4            | .3      | .3   | .3    | .3      | -               | -             | -      | -             | -              | -            | -       | - | 5.3   |
| Banana-Plantain        | .9             | 1.0           | .1      | .2   | .4    | *       | -               | -             | -      | -             | -              | -            | -       | - | 3.7   |
| Bean-Export            | -              | -             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | -       | - | 3.5   |
| Breadfruit             | 8.5            | 2.5           | .6      | 3.6  | 1.0   | 7.3     | -               | -             | -      | -             | .4             | -            | 1.0     | - | 25.0  |
| Cabbage-European       | *              | *             | -       | *    | -     | -       | -               | -             | -      | -             | -              | -            | -       | - | *     |
| Capsicum               | *              | *             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | -       | - | *     |
| Cassava                | .1             | *             | -       | -    | -     | .1      | -               | -             | -      | -             | -              | -            | -       | - | *     |
| Chestnut               | 8.3            | 6.9           | .4      | 8.7  | 2.0   | 2.1     | -               | -             | -      | -             | -              | -            | -       | - | .3    |
| Chilli                 | .1             | 1.9           | -       | -    | .1    | .1      | -               | -             | -      | -             | -              | -            | -       | - | 28.5  |
| Citrus-Orange          | 5.3            | 1.3           | .6      | .6   | .1    | -       | -               | -             | -      | -             | -              | -            | -       | - | 2.2   |
| Cocunut                | 113.5          | 112.5         | 23.9    | 35.7 | 14.7  | 5.3     | -               | -             | -      | -             | -              | -            | -       | - | 7.9   |
| Coffee                 | .2             | -             | .2      | -    | -     | -       | -               | -             | -      | -             | -              | -            | -       | - | 306.2 |
| Kumara                 | .1             | *             | -       | -    | -     | *       | -               | -             | -      | -             | -              | -            | -       | - | .3    |
| Mango                  | 25.5           | 34.2          | .7      | 11.8 | 4.0   | 1.9     | -               | -             | -      | -             | -              | -            | -       | - | .1    |
| Melon-Water            | *              | *             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | -       | - | 78.1  |
| Pawpaw-Solo            | .7             | .1            | .1      | -    | *     | -       | -               | -             | -      | -             | -              | -            | -       | - | .1    |
| Pineapple              | *              | *             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | -       | - | 1.1   |
| Puraka                 | -              | .2            | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | -       | - | *     |
| Taro-dry               | .1             | -             | -       | -    | -     | *       | -               | -             | -      | -             | .2             | -            | -       | - | .4    |
| Taro-wet, flooded      | -              | -             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | -       | - | -     |
| Taro-wet, raised       | *              | *             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | -       | - | .1    |
| Tarua                  | .1             | -             | -       | -    | -     | *       | -               | -             | -      | -             | -              | -            | -       | - | *     |
| Tomato                 | .1             | -             | -       | -    | -     | *       | -               | -             | -      | -             | -              | -            | -       | - | *     |
| Vanilla                | .1             | -             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | -       | - | .1    |
| Other root crops       | .1             | *             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | -       | - | .1    |
| Other tree crops       | .1             | *             | -       | -    | *     | -       | -               | -             | -      | -             | -              | -            | -       | - | .1    |
| Other vegetable crops  | 4.7            | 8.3           | .2      | .3   | .2    | .2      | -               | -             | -      | -             | -              | -            | -       | - | .2    |
| Other crops-Not stated | .3             | *             | -       | *    | -     | -       | -               | -             | -      | -             | -              | -            | -       | - | 14.0  |
| All Crops              | 192.5          | 171.2         | 27.9    | 62.1 | 23.0  | 17.7    | -               | 1.4           | .2     | .9            | .1             | 1.7          | 498.9   |   |       |

\* Less than 0.1 acre

Table 56: Scattered Crops Growing in Parcels --  
 Number of Plants by Region, Type of Crop and Proportion for Sale

| Type of Crop           | Region: RAROTONGA |     |     |      |      |       | Region: OTHER SOUTHERN ISLANDS |     |     |     |     |       |
|------------------------|-------------------|-----|-----|------|------|-------|--------------------------------|-----|-----|-----|-----|-------|
|                        | None              | 1/4 | 1/2 | 3/4  | All  | Total | None                           | 1/4 | 1/2 | 3/4 | All | Total |
| Avocado                | 503               | 32  | 25  | 37   | 114  | 711   | 96                             | 3   | -   | -   | -   | 99    |
| Banana-Cavendish       | 3150              | 52  | 100 | 12   | 50   | 3364  | 866                            | -   | -   | -   | -   | 866   |
| Banana-Ladyfinger      | 1601              | -   | -   | -    | -    | 1601  | 1238                           | -   | 45  | -   | -   | 1283  |
| Banana-Plantain        | 662               | -   | 50  | -    | -    | 712   | 1407                           | -   | -   | -   | -   | 1407  |
| Bean-Export            | -                 | -   | -   | -    | -    | -     | -                              | -   | -   | -   | -   | -     |
| Breadfruit             | 346               | 3   | -   | -    | -    | 349   | -                              | -   | -   | -   | -   | -     |
| Cabbage-European       | -                 | -   | -   | 130  | 50   | 180   | 613                            | -   | -   | -   | -   | 613   |
| Capicum                | 230               | -   | -   | -    | -    | 230   | 100                            | -   | -   | -   | -   | 100   |
| Cassava                | 885               | -   | -   | -    | -    | 885   | 71                             | -   | -   | -   | -   | 71    |
| Chestnut               | 341               | -   | -   | -    | 1    | 342   | 794                            | -   | -   | -   | -   | 794   |
| Chilli                 | 11                | -   | -   | -    | 50   | 61    | 755                            | 15  | 55  | -   | -   | 250   |
| Citrus-Orange          | 733               | 8   | 116 | -    | 44   | 901   | 1655                           | -   | -   | -   | 100 | 1755  |
| Coconut                | 8506              | -   | 115 | -    | 3    | 8624  | 428                            | -   | 5   | -   | -   | 433   |
| Coffee                 | 61                | -   | -   | -    | -    | 61    | 14458                          | 112 | 32  | -   | -   | 14602 |
| Kumara                 | 771               | -   | -   | -    | -    | 771   | 70                             | -   | -   | -   | -   | 70    |
| Mango                  | 992               | 15  | -   | -    | -    | 1007  | 163                            | -   | -   | -   | -   | 163   |
| Melon-Water            | 30                | -   | 14  | 26   | -    | 1047  | 1862                           | 76  | 138 | 34  | 45  | 2155  |
| Pawpaw-Solo            | 529               | -   | 40  | -    | -    | 589   | 20                             | -   | -   | -   | -   | 20    |
| Pineapple              | 60                | -   | -   | -    | -    | 60    | 147                            | -   | -   | -   | -   | 147   |
| Puraká                 | -                 | -   | -   | -    | -    | -     | 53                             | -   | -   | -   | -   | 53    |
| Taro-dry               | 550               | -   | -   | -    | -    | 550   | 1475                           | -   | -   | -   | -   | 1475  |
| Taro-wet, flooded      | -                 | -   | -   | -    | -    | -     | 20                             | -   | -   | -   | -   | 20    |
| Taro-wet, raised       | 6                 | -   | -   | -    | -    | 6     | -                              | -   | -   | -   | -   | -     |
| Taru                   | 908               | -   | -   | -    | -    | 908   | 33                             | -   | -   | -   | -   | 33    |
| Tomato                 | 510               | -   | 150 | -    | 250  | 910   | 214                            | -   | -   | -   | -   | 214   |
| Vanilla                | 25                | -   | -   | -    | -    | 25    | 30                             | -   | -   | -   | -   | 30    |
| Other root crops       | 367               | -   | 200 | 400  | 50   | 1017  | 1                              | -   | 50  | -   | -   | 1     |
| Other tree crops       | 1816              | 35  | 8   | 15   | 22   | 1896  | 156                            | -   | 5   | 4   | 1   | 206   |
| Other vegetable crops  | 1468              | 160 | 23  | 909  | 920  | 3480  | 3712                           | -   | -   | -   | -   | 3722  |
| Other crops-Not stated | 370               | -   | -   | -    | 60   | 430   | 553                            | -   | -   | -   | -   | 553   |
| All Crops              | 25431             | 325 | 841 | 1529 | 1614 | 29740 | 31603                          | 206 | 330 | 38  | 397 | 32574 |

**Table 56: Scattered Crops Growing in Parcels -**  
**Number of Plants by Region, Type of Crop and Proportion for Sale** (continued)

| Type of Crop           | Region: NORTHERN ISLANDS |     |     |     |     | Region: COOK ISLANDS |       |     |      |      |      |       |
|------------------------|--------------------------|-----|-----|-----|-----|----------------------|-------|-----|------|------|------|-------|
|                        | None                     | 1/4 | 1/2 | 3/4 | All | Total                | None  | 1/4 | 1/2  | 3/4  | All  | Total |
| Avocado                | -                        | -   | -   | -   | -   | -                    | 599   | 35  | 25   | 37   | 114  | 810   |
| Banana-Cavendish       | 194                      | -   | -   | -   | -   | 194                  | 4210  | 52  | 100  | 12   | 50   | 4424  |
| Banana-Ladyfinger      | 218                      | -   | -   | -   | -   | 218                  | 3057  | -   | 45   | -    | -    | 3102  |
| Banana-Plantain        | 826                      | -   | -   | -   | -   | 826                  | 2895  | -   | 50   | -    | -    | 2945  |
| Bean-Export            | 10                       | -   | -   | -   | -   | 10                   | 10    | -   | -    | -    | -    | 10    |
| Breadfruit             | 65                       | -   | -   | -   | -   | 65                   | 1024  | 3   | -    | -    | -    | 1027  |
| Cabbage-European       | -                        | -   | -   | -   | -   | -                    | 100   | -   | -    | 130  | -    | 280   |
| Capsicum               | 10                       | -   | -   | -   | -   | 10                   | 100   | -   | -    | -    | 50   | 280   |
| Cassava                | 177                      | -   | -   | -   | -   | 177                  | 311   | -   | -    | -    | -    | 311   |
| Chestnut               | -                        | -   | -   | -   | -   | -                    | 1856  | -   | -    | -    | -    | 1856  |
| Chilli                 | -                        | -   | -   | -   | -   | -                    | 1096  | 15  | 55   | -    | 250  | 2106  |
| Citrus-Orange          | 4                        | -   | -   | -   | -   | 4                    | 1666  | -   | -    | -    | 2    | 1168  |
| Coconut                | 48                       | -   | -   | -   | -   | 48                   | 1165  | 8   | 121  | -    | 150  | 1816  |
| Coffee                 | -                        | -   | -   | -   | -   | -                    | 23012 | 112 | 147  | -    | 3    | 23274 |
| Kumara                 | 251                      | -   | -   | -   | -   | 251                  | 131   | -   | -    | -    | -    | 131   |
| Mango                  | -                        | -   | -   | -   | -   | -                    | 1185  | -   | -    | -    | -    | 1185  |
| Melon-Water            | 45                       | -   | -   | -   | -   | 45                   | 2854  | 91  | 152  | 60   | 45   | 3202  |
| Pawpaw-Solo            | 189                      | -   | -   | -   | -   | 189                  | 95    | -   | 40   | -    | -    | 95    |
| Pineapple              | -                        | -   | -   | -   | -   | -                    | 865   | 20  | -    | -    | -    | 925   |
| Puraka                 | 1888                     | -   | -   | -   | -   | 1888                 | 113   | -   | -    | -    | -    | 113   |
| Taro-dry               | 20                       | -   | -   | -   | -   | 20                   | 3363  | -   | -    | -    | -    | 3363  |
| Taro-wet, flooded      | -                        | -   | -   | -   | -   | -                    | 590   | -   | -    | -    | -    | 590   |
| Taro-wet, raised       | -                        | -   | -   | -   | -   | -                    | -     | -   | -    | -    | -    | -     |
| Tarua                  | 70                       | -   | -   | -   | -   | 70                   | 39    | -   | -    | -    | -    | 39    |
| Tomato                 | 20                       | -   | -   | -   | -   | 20                   | 1192  | -   | -    | -    | -    | 1192  |
| Vanilla                | -                        | -   | -   | -   | -   | -                    | 560   | -   | 150  | -    | 250  | 960   |
| Other root crops       | -                        | -   | -   | -   | -   | -                    | 26    | -   | -    | -    | -    | 26    |
| Other tree crops       | 44                       | -   | -   | -   | -   | 44                   | 523   | -   | 250  | 400  | 50   | 1223  |
| Other vegetable crops  | 423                      | -   | -   | -   | -   | 423                  | 5572  | 35  | 13   | 19   | 23   | 5662  |
| Other crops-Not stated | -                        | -   | -   | -   | -   | -                    | 2444  | 160 | 23   | 909  | 920  | 4456  |
| All Crops              | 4502                     | -   | -   | -   | -   | 4502                 | 61536 | 531 | 1171 | 1567 | 2011 | 66816 |

Table 57: Scattered Crops Growing in Parcels -  
 Number of Separate Plantings by Region, Type of Crop and Size of Planting

| Type of Crop           | Region: RAROTONGA                   |     |       |       |       |            | Region: OTHER SOUTHERN ISLANDS      |      |     |       |       |       |            |       |
|------------------------|-------------------------------------|-----|-------|-------|-------|------------|-------------------------------------|------|-----|-------|-------|-------|------------|-------|
|                        | Size of Planting (number of plants) |     |       |       |       |            | Size of Planting (number of plants) |      |     |       |       |       |            |       |
|                        | 1-4                                 | 5-9 | 10-24 | 25-49 | 50-99 | 100 & over | Total                               | 1-4  | 5-9 | 10-24 | 25-49 | 50-99 | 100 & over | Total |
| Avocado                | 99                                  | 20  | 11    | 2     | 3     | -          | 135                                 | 33   | 3   | 2     | -     | -     | -          | 38    |
| Banana-Cavendish       | 16                                  | 25  | 79    | 29    | 16    | 1          | 166                                 | 9    | 14  | 25    | 9     | 1     | -          | 58    |
| Banana-Ladyfinger      | 10                                  | 21  | 49    | 9     | 7     | -          | 96                                  | 11   | 16  | 29    | 9     | 6     | -          | 71    |
| Banana-Plantain        | 10                                  | 16  | 17    | 3     | 5     | -          | 51                                  | 19   | 23  | 40    | 12    | 4     | -          | 98    |
| Bean-Export            | -                                   | -   | -     | -     | -     | -          | -                                   | -    | -   | -     | -     | -     | -          | -     |
| Breadfruit             | 139                                 | 10  | 2     | -     | -     | -          | 151                                 | 84   | 41  | 9     | 1     | 1     | 1          | 136   |
| Cabbage-European       | -                                   | -   | -     | -     | -     | 1          | 2                                   | -    | -   | 1     | -     | -     | 1          | 1     |
| Capsicum               | -                                   | -   | -     | -     | -     | 2          | 2                                   | -    | -   | 1     | -     | -     | 1          | 2     |
| Cassava                | -                                   | -   | 3     | 1     | 3     | 3          | 10                                  | 1    | -   | -     | 1     | 1     | 3          | 6     |
| Chestnut               | 94                                  | 16  | 4     | -     | -     | -          | 114                                 | 142  | 34  | 19    | 4     | -     | -          | 199   |
| Chilli                 | 2                                   | 1   | -     | -     | 1     | -          | 4                                   | 18   | 49  | 70    | 7     | -     | 3          | 147   |
| Citrus-Orange          | 24                                  | 23  | 15    | 10    | 3     | -          | 75                                  | 13   | 12  | 17    | 1     | 1     | 1          | 44    |
| Coconut                | 210                                 | 185 | 254   | 62    | 18    | -          | 729                                 | 563  | 405 | 427   | 79    | 28    | 4          | 1506  |
| Coffee                 | 1                                   | -   | 2     | 1     | -     | -          | 4                                   | -    | -   | 1     | -     | 1     | -          | 2     |
| Kumara                 | 1                                   | -   | 1     | 3     | -     | 4          | 6                                   | 1    | -   | -     | -     | 3     | -          | 4     |
| Mango                  | 170                                 | 48  | 20    | 3     | -     | -          | 241                                 | 504  | 78  | 45    | 2     | -     | -          | 629   |
| Melon-Water            | -                                   | -   | -     | 1     | -     | -          | 1                                   | -    | -   | 1     | -     | -     | -          | 1     |
| Pawpaw-Solo            | 5                                   | 6   | 15    | 4     | 1     | 1          | 32                                  | 5    | 3   | 7     | 1     | -     | -          | 16    |
| Pineapple              | -                                   | -   | -     | -     | 1     | -          | 1                                   | 1    | -   | -     | -     | 1     | -          | 2     |
| Puraka                 | -                                   | -   | -     | -     | -     | -          | 1                                   | 1    | -   | 20    | 9     | 4     | 5          | 39    |
| Taro-dry               | -                                   | -   | 1     | -     | 4     | 3          | 8                                   | -    | -   | 1     | -     | -     | -          | 1     |
| Taro-wet, flooded      | -                                   | -   | -     | -     | -     | -          | -                                   | -    | -   | -     | 1     | -     | -          | 2     |
| Taro-wet, raised       | -                                   | 1   | -     | -     | -     | -          | 1                                   | -    | 1   | -     | 1     | -     | -          | 4     |
| Taru                   | 2                                   | 1   | 5     | 3     | 8     | 3          | 22                                  | -    | -   | 1     | 1     | -     | -          | 4     |
| Tomato                 | -                                   | 1   | 1     | 1     | 2     | 5          | 9                                   | -    | -   | -     | 1     | -     | -          | 1     |
| Vanilla                | 1                                   | -   | 2     | -     | 3     | 4          | 12                                  | 1    | -   | -     | 3     | 2     | -          | 8     |
| Other root crops       | 1                                   | 1   | 3     | -     | 4     | -          | 12                                  | -    | -   | -     | 3     | 2     | -          | 504   |
| Other tree crops       | 253                                 | 62  | 44    | 8     | 4     | -          | 371                                 | 203  | 146 | 142   | 11    | 2     | -          | 504   |
| Other vegetable crops  | 7                                   | 1   | 7     | 4     | 12    | 14         | 45                                  | 1    | 1   | 11    | 3     | 3     | 1          | 20    |
| Other crops-Not stated | 11                                  | 4   | 10    | 1     | 2     | 1          | 29                                  | 9    | 3   | 7     | 4     | 4     | 1          | 28    |
| All Crops              | 1056                                | 441 | 545   | 142   | 94    | 42         | 2320                                | 1619 | 832 | 875   | 158   | 65    | 19         | 3568  |

Table 57: Scattered Crops Growing in Parcels -  
 Number of Separate Plantings by Region, Type of Crop and Size of Planting (continued)

| Type of Crop           | Region: NORTHERN ISLANDS            |     |       |       |       |            | Region: COOK ISLANDS                |      |      |       |       |       |            |       |
|------------------------|-------------------------------------|-----|-------|-------|-------|------------|-------------------------------------|------|------|-------|-------|-------|------------|-------|
|                        | Size of Planting (number of plants) |     |       |       |       |            | Size of Planting (number of plants) |      |      |       |       |       |            |       |
|                        | 1-4                                 | 5-9 | 10-24 | 25-49 | 50-99 | 100 & over | Total                               | 1-4  | 5-9  | 10-24 | 25-49 | 50-99 | 100 & over | Total |
| Avocado                | -                                   | -   | -     | -     | -     | -          | -                                   | -    | -    | -     | -     | -     | -          | -     |
| Banana-Cavendish       | 17                                  | 7   | 7     | -     | -     | -          | 31                                  | 132  | 23   | 13    | 2     | 3     | -          | 173   |
| Banana-Ladyfinger      | 2                                   | 5   | 7     | 1     | 1     | -          | 16                                  | 42   | 46   | 111   | 38    | 17    | 1          | 255   |
| Banana-Plantain        | 19                                  | 32  | 27    | 9     | -     | -          | 87                                  | 23   | 42   | 85    | 19    | 14    | -          | 183   |
| Bean-Export            | -                                   | -   | 1     | -     | -     | -          | 1                                   | 48   | 71   | 84    | 24    | 9     | -          | 236   |
| Breadfruit             | 26                                  | 4   | -     | -     | -     | -          | 30                                  | -    | -    | 1     | -     | -     | -          | 1     |
| Cabbage-European       | -                                   | -   | -     | -     | -     | -          | -                                   | 249  | 55   | 11    | 1     | 1     | -          | 317   |
| Capiscum               | -                                   | -   | 1     | -     | -     | -          | 1                                   | -    | -    | -     | -     | 1     | 2          | 3     |
| Cassava                | -                                   | -   | 2     | -     | 3     | -          | 5                                   | 1    | -    | 2     | -     | 1     | 2          | 5     |
| Chestnut               | -                                   | -   | -     | -     | -     | -          | -                                   | 1    | -    | 5     | 2     | 7     | 6          | 21    |
| Chilli                 | -                                   | -   | -     | -     | -     | -          | -                                   | 236  | 50   | 23    | 4     | -     | -          | 313   |
| Citrus-Orange          | 1                                   | -   | -     | -     | -     | -          | 1                                   | 20   | 50   | 70    | 7     | 1     | 3          | 151   |
| Coconut                | 13                                  | 1   | 1     | -     | -     | -          | 15                                  | 38   | 35   | 32    | 11    | 4     | -          | 120   |
| Coffee                 | -                                   | -   | 1     | -     | -     | -          | 1                                   | 786  | 591  | 682   | 141   | 46    | 4          | 2250  |
| Kumara                 | -                                   | -   | 2     | 1     | 4     | -          | 7                                   | 1    | -    | 3     | 1     | 1     | 4          | 6     |
| Mango                  | -                                   | -   | 1     | 1     | -     | -          | 2                                   | 2    | -    | 3     | 1     | 7     | 1          | 17    |
| Melon-Water            | -                                   | -   | 1     | 1     | -     | -          | 2                                   | 674  | 126  | 65    | 5     | -     | -          | 870   |
| Pawpaw-Solo            | 17                                  | 11  | 6     | 1     | -     | -          | 34                                  | -    | 20   | 2     | 2     | -     | -          | 4     |
| Pineapple              | -                                   | -   | 5     | 4     | -     | -          | 19                                  | 27   | 20   | 28    | 5     | 1     | 1          | 82    |
| Puraka                 | -                                   | -   | 1     | -     | 3     | 7          | 19                                  | 1    | -    | 25    | 13    | 2     | 12         | 58    |
| Taro-dry               | -                                   | -   | 1     | -     | -     | -          | 1                                   | 1    | -    | 3     | -     | 4     | 3          | 10    |
| Taro-wet, flooded      | -                                   | -   | -     | -     | -     | -          | -                                   | -    | -    | -     | -     | -     | -          | -     |
| Taro-wet, raised       | -                                   | -   | 1     | -     | -     | -          | 2                                   | -    | 2    | -     | 1     | -     | -          | 3     |
| Taru                   | -                                   | -   | 2     | -     | 1     | -          | 2                                   | 2    | 1    | 7     | 3     | 11    | 4          | 28    |
| Tomato                 | -                                   | -   | 1     | -     | -     | -          | 2                                   | -    | 1    | 3     | 2     | 2     | 5          | 12    |
| Vanilla                | -                                   | -   | 2     | -     | -     | -          | 2                                   | 2    | -    | 3     | 2     | 2     | 4          | 14    |
| Other root crops       | -                                   | -   | -     | -     | -     | -          | -                                   | 1    | 4    | 3     | 3     | 5     | 4          | 20    |
| Other tree crops       | 10                                  | 2   | 1     | -     | -     | -          | 13                                  | 466  | 210  | 187   | 19    | 6     | -          | 888   |
| Other vegetable crops  | 1                                   | 2   | 9     | 2     | 4     | -          | 18                                  | 9    | 4    | 27    | 9     | 19    | 15         | 83    |
| Other crops-Not stated | -                                   | -   | -     | -     | -     | -          | -                                   | 20   | 7    | 17    | 5     | 6     | 2          | 57    |
| All Crops              | 106                                 | 64  | 74    | 18    | 16    | 7          | 285                                 | 2781 | 1337 | 1494  | 318   | 175   | 68         | 6173  |

**Table 58: Scattered Crops Growing in Parcels --**  
**Number of Plants Growing at the Time of the Census by Region, Type of Crop and Size of Planting**

| Type of Crop           | Region: RAROTONGA |             |             |             |             |             | Region: OTHER SOUTHERN ISLANDS |             |             |              |             |             |             |              |
|------------------------|-------------------|-------------|-------------|-------------|-------------|-------------|--------------------------------|-------------|-------------|--------------|-------------|-------------|-------------|--------------|
|                        | 1-4               | 5-9         | 10-24       | 25-49       | 50-99       | 100 & over  | 1-4                            | 5-9         | 10-24       | 25-49        | 50-99       | 100 & over  | Total       |              |
| Avocado                | 211               | 132         | 152         | 56          | 160         | -           | 49                             | 21          | 29          | -            | -           | -           | 99          |              |
| Banana-Cavendish       | 53                | 159         | 1228        | 946         | 878         | 100         | 28                             | 86          | 401         | 301          | 50          | -           | 866         |              |
| Banana-Ladyfinger      | 28                | 134         | 740         | 309         | 390         | -           | 36                             | 101         | 456         | 320          | 370         | -           | 1283        |              |
| Banana-Plantain        | 26                | 108         | 217         | 111         | 250         | -           | 66                             | 157         | 587         | 387          | 210         | -           | 1407        |              |
| Bean-Export            | -                 | -           | -           | -           | -           | -           | -                              | -           | -           | -            | -           | -           | -           |              |
| Breadfruit             | 273               | 54          | 22          | -           | -           | -           | 179                            | 240         | 119         | 25           | 50          | -           | 613         |              |
| Cabbage-European       | -                 | -           | -           | -           | 50          | -           | -                              | -           | -           | -            | 50          | -           | 100         |              |
| Capsicum               | -                 | -           | -           | -           | -           | 130         | -                              | -           | -           | -            | 100         | -           | 230         |              |
| Cassava                | -                 | -           | 55          | 30          | 150         | 650         | 3                              | -           | 15          | -            | 56          | -           | 71          |              |
| Chestnut               | 191               | 101         | 50          | -           | -           | -           | 296                            | 195         | 210         | 41           | 50          | -           | 1044        |              |
| Chilli                 | 5                 | 6           | -           | -           | 50          | -           | 43                             | 270         | 927         | 125          | -           | -           | 826         |              |
| Citrus-Orange          | 68                | 148         | 197         | 322         | 166         | -           | 35                             | 75          | 228         | 25           | 70          | -           | 433         |              |
| Coconut                | 570               | 1204        | 3723        | 2030        | 1097        | -           | 1517                           | 2520        | 5973        | 2550         | 1592        | 450         | 14602       |              |
| Coffee                 | 1                 | -           | 30          | 30          | -           | -           | -                              | -           | 20          | -            | 50          | -           | 70          |              |
| Kumara                 | 1                 | -           | 20          | -           | -           | 750         | 3                              | -           | -           | -            | 160         | -           | 163         |              |
| Mango                  | 357               | 318         | 285         | 87          | -           | -           | 1085                           | 459         | 541         | 70           | -           | -           | 2155        |              |
| Melon-Water            | -                 | -           | -           | 30          | -           | -           | -                              | -           | 20          | -            | -           | -           | 20          |              |
| Pawpaw-Solo            | 15                | 44          | 255         | 125         | 50          | 100         | 14                             | 15          | 88          | 30           | -           | -           | 147         |              |
| Pineapple              | -                 | -           | -           | -           | 60          | -           | 3                              | -           | 36          | -            | 50          | -           | 53          |              |
| Puraka                 | -                 | -           | -           | -           | -           | -           | 4                              | -           | 336         | 306          | 229         | -           | 1475        |              |
| Taro-dry               | -                 | -           | 20          | -           | 230         | 300         | -                              | -           | 20          | -            | -           | -           | 20          |              |
| Taro-wet, flooded      | -                 | -           | -           | -           | -           | -           | -                              | -           | -           | -            | -           | -           | -           |              |
| Taro-wet, raised       | -                 | 6           | -           | -           | -           | -           | -                              | 8           | -           | 25           | -           | -           | 33          |              |
| Taru                   | 7                 | 6           | 95          | 100         | 400         | 300         | -                              | -           | 14          | -            | 100         | -           | 214         |              |
| Tomato                 | -                 | -           | 20          | 40          | 100         | 750         | -                              | -           | -           | 30           | -           | -           | 30          |              |
| Vanilla                | 3                 | -           | 22          | -           | -           | -           | 1                              | -           | -           | -            | -           | -           | 1           |              |
| Other root crops       | 1                 | 6           | 60          | -           | 150         | 800         | -                              | 19          | -           | 87           | 100         | -           | 206         |              |
| Other tree crops       | 494               | 372         | 586         | 244         | 200         | -           | 510                            | 896         | 1885        | 321          | 110         | -           | 3722        |              |
| Other vegetable crops  | 14                | 6           | 111         | 120         | 670         | 2559        | 2                              | 5           | 191         | 95           | 160         | 100         | 553         |              |
| Other crops-Not stated | 17                | 28          | 145         | 40          | 100         | 100         | 18                             | 15          | 120         | 130          | 230         | 100         | 613         |              |
| <b>All Crops</b>       | <b>2335</b>       | <b>2832</b> | <b>8033</b> | <b>4620</b> | <b>5151</b> | <b>6769</b> | <b>29740</b>                   | <b>3892</b> | <b>5082</b> | <b>12180</b> | <b>5083</b> | <b>3637</b> | <b>2700</b> | <b>32574</b> |

Table 58: Scattered Crops Growing in Parcels -  
 Number of Plants Growing at the Time of the Census by Region, Type of Crop and Size of Planting (continued)

| Type of Crop           | Region: NORTHERN ISLANDS            |     |       |       |       |            | Region: COOK ISLANDS                |      |       |       |       |            |       |
|------------------------|-------------------------------------|-----|-------|-------|-------|------------|-------------------------------------|------|-------|-------|-------|------------|-------|
|                        | Size of Planting (number of plants) |     |       |       |       |            | Size of Planting (number of plants) |      |       |       |       |            |       |
|                        | 1-4                                 | 5-9 | 10-24 | 25-49 | 50-99 | 100 & over | 1-4                                 | 5-9  | 10-24 | 25-49 | 50-99 | 100 & over | Total |
| Avocado                | -                                   | -   | -     | -     | -     | -          | -                                   | -    | -     | -     | -     | -          | -     |
| Banana-Cavendish       | 48                                  | 44  | 102   | -     | -     | -          | 260                                 | 153  | 181   | 56    | 160   | -          | 810   |
| Banana-Ladyfinger      | 8                                   | 31  | 97    | 32    | 50    | -          | 129                                 | 289  | 1731  | 1247  | 928   | 100        | 4424  |
| Banana-Plantain        | 43                                  | 189 | 349   | 245   | -     | -          | 72                                  | 266  | 1293  | 661   | 810   | -          | 3102  |
| Bean-Export            | -                                   | -   | 10    | -     | -     | -          | 135                                 | 454  | 1153  | 743   | 460   | -          | 2945  |
| Breadfruit             | 44                                  | 21  | -     | -     | -     | -          | -                                   | -    | 10    | -     | -     | -          | 10    |
| Cabbage-European       | -                                   | -   | -     | -     | -     | -          | 496                                 | 315  | 141   | 25    | 50    | -          | 1027  |
| Capiscum               | -                                   | -   | 10    | -     | -     | -          | -                                   | -    | -     | -     | 50    | 230        | 280   |
| Cassava                | -                                   | -   | 27    | -     | 150   | -          | 3                                   | -    | 25    | -     | 56    | 230        | 311   |
| Chestnut               | -                                   | -   | -     | -     | -     | -          | 487                                 | 296  | 82    | 71    | 350   | 1600       | 2106  |
| Chilli                 | -                                   | -   | -     | -     | -     | -          | 48                                  | 276  | 260   | 325   | -     | -          | 1168  |
| Citrus-Orange          | 4                                   | -   | -     | -     | -     | -          | 107                                 | 223  | 425   | 215   | 50    | 300        | 1816  |
| Cocount                | 21                                  | 7   | 20    | -     | -     | -          | 2108                                | 3731 | 9716  | 4580  | 2689  | 450        | 1338  |
| Coffee                 | -                                   | -   | -     | -     | -     | -          | 1                                   | -    | 50    | 30    | 50    | -          | 23274 |
| Kumara                 | -                                   | -   | 26    | 25    | 200   | -          | 4                                   | -    | 46    | 25    | 360   | 750        | 131   |
| Mango                  | -                                   | -   | 10    | 35    | -     | -          | 1442                                | 777  | 826   | 157   | -     | -          | 1185  |
| Melon-Water            | -                                   | -   | 10    | -     | -     | -          | -                                   | -    | 30    | 65    | -     | -          | 3202  |
| Pawpaw-Solo            | 48                                  | 66  | 75    | -     | -     | -          | 77                                  | 125  | 418   | 155   | 50    | 100        | 925   |
| Pineapple              | -                                   | -   | -     | -     | -     | -          | 3                                   | -    | -     | -     | 110   | -          | 95    |
| Puraka                 | -                                   | -   | 100   | 138   | 240   | 1410       | 4                                   | -    | 436   | 444   | 469   | 2010       | 113   |
| Taro-dry               | -                                   | -   | 20    | -     | -     | -          | -                                   | -    | 60    | -     | 230   | 300        | 3365  |
| Taro-wet, flooded      | -                                   | -   | -     | -     | -     | -          | -                                   | -    | -     | -     | -     | -          | 590   |
| Taro-wet, raised       | -                                   | -   | -     | -     | -     | -          | -                                   | -    | -     | -     | -     | -          | -     |
| Taru                   | -                                   | -   | 20    | -     | -     | -          | -                                   | 14   | -     | 25    | -     | -          | 39    |
| Tomato                 | -                                   | -   | 20    | -     | 50    | -          | 7                                   | 6    | 129   | 100   | 550   | 400        | 1192  |
| Vanilla                | -                                   | -   | 20    | -     | -     | -          | 4                                   | -    | 40    | 70    | 100   | 750        | 960   |
| Other root crops       | -                                   | -   | -     | -     | -     | -          | 4                                   | -    | 22    | -     | -     | -          | 26    |
| Other tree crops       | 20                                  | 14  | 10    | -     | -     | -          | 1                                   | 25   | 60    | 87    | 250   | 800        | 1223  |
| Other vegetable crops  | 2                                   | 13  | 145   | -     | -     | -          | 1024                                | 1282 | 2481  | 565   | 310   | -          | 5662  |
| Other crops-Not stated | -                                   | -   | -     | -     | 200   | -          | 18                                  | 24   | 447   | 278   | 1030  | 2659       | 4456  |
| All Crops              | 238                                 | 385 | 1041  | 538   | 890   | 1410       | 6465                                | 8299 | 21254 | 10241 | 9678  | 10879      | 66816 |

Table 59: Scattered Crops Growing Outside Parcels -  
Number of Separate Plantings by Type of Crop and Island

| Type of Crop           | ISLAND         |               |         |      |       |         |                 |               |        |               |                |         |         | COOK ISLANDS |
|------------------------|----------------|---------------|---------|------|-------|---------|-----------------|---------------|--------|---------------|----------------|---------|---------|--------------|
|                        | Raro-<br>tonga | Aitu-<br>taki | Mangaia | Atiu | Mauke | Mitiaro | Palmer-<br>ston | Puka-<br>puka | Nassau | Mani-<br>hiki | Raka-<br>hanga | Penrhyn | ISLANDS |              |
| Avocado                | 271            | 82            | 28      | 16   | 4     | 6       | -               | -             | -      | 1             | -              | -       | 408     |              |
| Banana-Cavendish       | 205            | 8             | 14      | 7    | 1     | 1       | 2               | 2             | -      | 6             | 22             | 5       | 273     |              |
| Banana-Ladyfinger      | 165            | 64            | 18      | 15   | 16    | 2       | 5               | -             | 17     | 17            | 2              | -       | 304     |              |
| Banana-Plantain        | 72             | 154           | 2       | 8    | 5     | 1       | 58              | 17            | 2      | 2             | 2              | 16      | 337     |              |
| Bean-Export            | 1              | -             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -       | 1       |              |
| Breadfruit             | 405            | 202           | 46      | 84   | 35    | 7       | 20              | -             | 20     | 17            | 18             | 18      | 855     |              |
| Cabbage-European       | -              | 1             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -       | 1       |              |
| Capsicum               | 1              | 3             | -       | -    | -     | -       | 1               | -             | -      | -             | -              | -       | 5       |              |
| Cassava                | 6              | 5             | -       | 2    | -     | -       | 1               | -             | -      | -             | 5              | -       | 20      |              |
| Chestnut               | 115            | 72            | 15      | 92   | 4     | 13      | 1               | -             | -      | -             | 5              | -       | 311     |              |
| Chilli                 | 22             | 145           | -       | -    | 1     | -       | 1               | -             | -      | -             | -              | -       | 169     |              |
| Citrus-Orange          | 90             | 27            | 3       | 8    | 1     | -       | 1               | -             | -      | -             | -              | -       | 129     |              |
| Coconut                | 785            | 333           | 189     | 145  | 86    | 28      | 67              | 18            | 1      | 1             | 11             | 7       | 1671    |              |
| Coffee                 | 3              | -             | -       | 2    | -     | -       | -               | -             | 3      | 3             | 2              | -       | 5       |              |
| Kumara                 | 1              | 4             | -       | -    | -     | -       | -               | -             | 1      | 1             | -              | -       | 10      |              |
| Mango                  | 500            | 292           | 44      | 112  | 41    | 7       | -               | -             | 1      | 1             | -              | -       | 997     |              |
| Melon-Water            | -              | -             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -       | -       |              |
| Pawpaw-Solo            | 87             | 38            | -       | 1    | 1     | -       | 13              | -             | 3      | 3             | 1              | 7       | 154     |              |
| Pineapple              | 2              | 27            | -       | -    | -     | -       | -               | -             | -      | 1             | -              | -       | 30      |              |
| Puraka                 | 1              | 1             | -       | -    | -     | -       | -               | -             | -      | -             | 4              | -       | 7       |              |
| Taro-dry               | 5              | 4             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -       | 9       |              |
| Taro-wet, flooded      | 1              | -             | -       | -    | -     | -       | -               | -             | -      | -             | 3              | -       | 4       |              |
| Taro-wet, raised       | 2              | -             | -       | 1    | -     | -       | -               | -             | -      | 1             | 1              | -       | 5       |              |
| Tarua                  | 7              | 6             | -       | -    | -     | -       | 1               | -             | 3      | 3             | 1              | -       | 18      |              |
| Tomato                 | 2              | 1             | -       | -    | -     | -       | -               | -             | 5      | 5             | -              | -       | 8       |              |
| Vanilla                | 4              | 1             | -       | -    | 1     | -       | -               | -             | -      | -             | -              | -       | 6       |              |
| Other root crops       | 10             | 21            | -       | -    | -     | -       | -               | -             | 2      | 2             | -              | -       | 33      |              |
| Other three crops      | 1042           | 794           | 26      | 79   | 47    | 9       | 36              | 17            | 18     | 22            | 22             | 3       | 2093    |              |
| Other vegetable crops  | 59             | 96            | -       | 7    | 1     | -       | -               | -             | 22     | 34            | -              | -       | 219     |              |
| Other crops-Not stated | 88             | 200           | 1       | -    | 22    | -       | -               | -             | 1      | -             | -              | -       | 312     |              |
| All Crops              | 3952           | 2581          | 386     | 579  | 266   | 74      | 9               | 205           | 52     | 107           | 127            | 56      | 8394    |              |

Table 60: Scattered Crops Growing Outside Parcels --  
Number of Plants by Type of Crop and Island

| Type of Crop           | ISLAND     |           |         |      |       |         |            |           |        |           |            |         |         | COOK ISLANDS |
|------------------------|------------|-----------|---------|------|-------|---------|------------|-----------|--------|-----------|------------|---------|---------|--------------|
|                        | Raro-tonga | Aitu-taki | Mangaia | Atin | Hauke | Mitiaro | Palmerston | Puka-puka | Nassau | Mani-hiki | Raka-hanga | Penrhyn | ISLANDS |              |
| Avocado                | 1013       | 178       | 143     | 60   | 6     | 15      | -          | -         | -      | -         | -          | -       | -       | 1416         |
| Banana-Cavendish       | 3734       | 97        | 226     | 50   | 16    | 20      | 30         | 20        | -      | 67        | 153        | -       | -       | 4421         |
| Banana-Ladyfinger      | 3235       | 1478      | 464     | 558  | 229   | 55      | -          | -         | -      | 219       | 45         | -       | -       | 6318         |
| Banana-Plantain        | 1065       | 2479      | 90      | 161  | 78    | 10      | -          | -         | -      | 9         | 18         | -       | -       | 5183         |
| Bean-Export            | 200        | -         | -       | -    | -     | -       | -          | -         | -      | -         | -          | 100     | -       | 200          |
| Breadfruit             | 1266       | 668       | 191     | 478  | 104   | 61      | 10         | -         | -      | 59        | 75         | -       | -       | 2972         |
| Cabbage-European       | -          | 30        | -       | -    | -     | -       | -          | -         | -      | -         | -          | 26      | -       | 30           |
| Capsicum               | 2          | 77        | -       | -    | -     | -       | -          | -         | -      | -         | -          | -       | -       | 94           |
| Cassava                | 580        | 210       | -       | 45   | -     | -       | -          | -         | -      | -         | -          | -       | -       | 4065         |
| Chestnut               | 365        | 294       | 58      | 654  | 35    | 38      | 3000       | 100       | -      | -         | 130        | -       | -       | 1444         |
| Chilli                 | 175        | 1969      | -       | -    | 1     | -       | -          | 10        | -      | -         | -          | -       | -       | 2155         |
| Citrus-Orange          | 779        | 111       | 12      | 163  | 6     | -       | -          | -         | -      | -         | -          | -       | -       | 1071         |
| Coconut                | 14164      | 8169      | 6177    | 4053 | 1784  | 579     | 120        | 1634      | 1298   | 20        | 993        | 38      | -       | 39029        |
| Coffee                 | 24         | -         | -       | 120  | -     | -       | -          | -         | -      | -         | -          | -       | -       | 144          |
| Kumara                 | 20         | 47        | -       | -    | -     | -       | -          | -         | -      | 74        | 50         | -       | -       | 191          |
| Mango                  | 2433       | 2455      | 197     | 765  | 207   | 26      | -          | -         | -      | 1         | -          | -       | -       | 6084         |
| Melon-Water            | -          | -         | -       | -    | -     | -       | -          | -         | -      | -         | -          | -       | -       | -            |
| Pawpaw-Solo            | 919        | 266       | -       | 10   | 6     | -       | 34         | 87        | -      | 33        | 7          | 23      | -       | 1385         |
| pineapple              | 20         | 1036      | -       | -    | -     | -       | -          | -         | -      | 2         | -          | -       | -       | 1058         |
| Puraka                 | 200        | 20        | -       | -    | -     | -       | 600        | -         | -      | -         | -          | -       | -       | 2170         |
| Taro-dry               | 770        | 56        | -       | -    | -     | -       | -          | -         | -      | -         | 1350       | -       | -       | 826          |
| Taro-wet, flooded      | 20         | -         | -       | -    | -     | -       | -          | -         | -      | -         | 496        | -       | -       | 516          |
| Taro-wet, raised       | 101        | -         | -       | 35   | -     | -       | -          | -         | -      | 75        | 500        | -       | -       | 711          |
| Tarua                  | 228        | 151       | -       | -    | -     | -       | -          | -         | -      | 74        | 15         | -       | -       | 477          |
| Tomato                 | 310        | 10        | -       | -    | -     | -       | -          | 9         | -      | 133       | -          | -       | -       | 453          |
| Vanilla                | 18         | 5         | -       | -    | 4     | -       | -          | -         | -      | -         | -          | -       | -       | 27           |
| Other root crops       | 113        | 487       | -       | -    | -     | -       | -          | -         | -      | 42        | -          | -       | -       | 642          |
| Other tree crops       | 4359       | 4662      | 203     | 1567 | 298   | 39      | -          | 180       | 104    | 150       | 123        | 4       | -       | 11689        |
| Other vegetable crops  | 311        | 2098      | -       | 59   | 50    | -       | -          | -         | -      | 272       | 264        | -       | -       | 3054         |
| Other crops-Not stated | 478        | 4014      | 3       | -    | 59    | -       | -          | -         | -      | 15        | -          | -       | -       | 4869         |
| All CROPS              | 36902      | 31067     | 7764    | 8778 | 2883  | 843     | 3794       | 3035      | 1664   | 1246      | 4219       | 199     | -       | 102394       |

Table 60A: Scattered Crops Growing Outside Parcels --  
 Single-Crop Equivalent Area (acres) by Type of Crop and Island

| Type of Crop           | ISLAND     |           |         |       |       |         |            |           |        |          |           |         | COOK ISLANDS |
|------------------------|------------|-----------|---------|-------|-------|---------|------------|-----------|--------|----------|-----------|---------|--------------|
|                        | Raro-tonga | Aitu-taki | Mangaia | Atiu  | Mauke | Mitiaro | Palmerston | Puka-puka | Nassau | Manihiki | Rakahanga | Penrhyn |              |
| Avocado                | 24.7       | 4.3       | 3.5     | 1.5   | .1    | .4      | -          | -         | -      | -        | -         | -       | 34.5         |
| Banana-Cavendish       | 4.5        | .1        | .3      | .1    | *     | *       | *          | *         | .1     | .2       | *         | *       | 5.3          |
| Banana-Ladyfinger      | 3.9        | 1.8       | .6      | .7    | .3    | .1      | -          | *         | .3     | .1       | *         | -       | 7.6          |
| Banana-Plantain        | 1.3        | 3.0       | .1      | .2    | .1    | *       | -          | 1.1       | *      | *        | *         | .1      | 6.2          |
| Bean-Export            | *          | -         | -       | -     | -     | -       | -          | -         | -      | -        | -         | -       | *            |
| Breadfruit             | 30.9       | 16.3      | 4.7     | 11.7  | 2.5   | 1.5     | .2         | .8        | 1.4    | 1.8      | .6        | -       | 72.5         |
| Cabbage-European       | -          | *         | -       | -     | -     | -       | -          | -         | -      | -        | -         | -       | *            |
| Capsicum               | *          | *         | -       | -     | -     | -       | -          | -         | -      | -        | -         | -       | *            |
| Cassava                | .1         | *         | -       | *     | -     | -       | .4         | *         | -      | *        | -         | -       | .5           |
| Chestnut               | 8.9        | 7.2       | 1.4     | 16.0  | .9    | .9      | -          | -         | -      | -        | -         | -       | 35.2         |
| Chilli                 | .2         | 2.4       | -       | -     | *     | -       | -          | *         | -      | -        | -         | -       | 2.6          |
| Citrus-Orange          | 4.6        | .7        | .1      | 1.0   | *     | -       | -          | -         | -      | -        | -         | -       | 6.3          |
| Coconut                | 186.4      | 107.5     | 81.3    | 53.3  | 23.5  | 7.6     | 1.6        | 21.5      | .3     | 13.1     | .5        | -       | 513.5        |
| Coffee                 | .1         | -         | -       | .3    | -     | -       | -          | -         | -      | -        | -         | -       | .4           |
| Kumara                 | *          | *         | -       | -     | -     | -       | -          | -         | *      | *        | -         | -       | *            |
| Mango                  | 59.3       | 59.9      | 4.8     | 18.7  | 5.0   | .6      | -          | -         | *      | *        | -         | -       | 148.4        |
| Melon-Water            | -          | -         | -       | -     | -     | -       | -          | -         | -      | -        | -         | -       | -            |
| Pawpaw-Solo            | 1.1        | .3        | -       | *     | *     | -       | *          | .1        | *      | *        | *         | *       | 1.7          |
| Pineapple              | *          | .1        | -       | -     | -     | -       | -          | -         | -      | -        | -         | -       | .1           |
| Puraka                 | *          | *         | -       | -     | -     | -       | .1         | -         | -      | .2       | -         | -       | .3           |
| Taro-dry               | .1         | *         | -       | -     | -     | -       | -          | -         | -      | .1       | -         | -       | .1           |
| Taro-wet, flooded      | *          | -         | -       | -     | -     | -       | -          | -         | *      | .1       | -         | -       | .1           |
| Taro-wet, raised       | *          | -         | -       | *     | -     | -       | -          | -         | *      | *        | -         | -       | .1           |
| Taruva                 | *          | *         | -       | -     | -     | -       | -          | *         | *      | *        | -         | -       | *            |
| Tomato                 | *          | *         | -       | -     | -     | -       | -          | -         | *      | *        | -         | -       | *            |
| Vanilla                | *          | *         | -       | -     | *     | -       | -          | -         | -      | -        | -         | -       | .1           |
| Other root crops       | *          | .1        | -       | -     | -     | -       | -          | -         | *      | -        | -         | -       | .1           |
| Other tree crops       | 10.8       | 11.5      | .5      | 3.9   | .7    | .1      | -          | .4        | .4     | .3       | *         | -       | 28.9         |
| Other vegetable crops  | *          | .2        | -       | *     | *     | -       | -          | -         | *      | *        | -         | -       | .3           |
| Other crops-Not stated | .6         | 4.8       | *       | -     | .1    | -       | -          | -         | *      | -        | -         | -       | 5.5          |
| All Crops              | 337.5      | 220.1     | 97.2    | 107.1 | 33.3  | 11.2    | 2.3        | 24.1      | 17.7   | 2.6      | 15.8      | 1.3     | 870.3        |

\* Less than 0.1 acre

Table 61: Scattered Crops Growing Outside Parcels -  
 Number of Separate Plantings by Region, Type of Crop and Size of Planting

| Type of Crop           | Region: RAROTONGA                   |     |       |       |       |            | Region: OTHER SOUTHERN ISLANDS |                                     |     |       |       |       |            |       |
|------------------------|-------------------------------------|-----|-------|-------|-------|------------|--------------------------------|-------------------------------------|-----|-------|-------|-------|------------|-------|
|                        | Size of Planting (number of plants) |     |       |       |       |            |                                | Size of Planting (number of plants) |     |       |       |       |            |       |
|                        | 1-4                                 | 5-9 | 10-24 | 25-49 | 50-99 | 100 & over | Total                          | 1-4                                 | 5-9 | 10-24 | 25-49 | 50-99 | 100 & over | Total |
| Avocado                | 211                                 | 36  | 23    | -     | -     | -          | 271                            | 114                                 | 13  | 9     | -     | -     | -          | 136   |
| Banana-Cavendish       | 33                                  | 42  | 94    | 18    | 14    | 4          | 205                            | 5                                   | 6   | 18    | 1     | 1     | -          | 31    |
| Banana-Ladyfinger      | 13                                  | 32  | 85    | 15    | 17    | 3          | 165                            | 6                                   | 23  | 49    | 20    | 13    | 4          | 115   |
| Banana-Plantain        | 18                                  | 15  | 26    | 8     | 5     | -          | 72                             | 19                                  | 39  | 78    | 24    | 9     | 1          | 170   |
| Bean-Export            | -                                   | -   | -     | -     | -     | -          | 1                              | -                                   | -   | -     | -     | -     | -          | -     |
| Breadfruit             | 335                                 | 57  | 11    | 1     | 1     | 1          | 405                            | 262                                 | 74  | 37    | 1     | -     | -          | 374   |
| Cabbage-European       | -                                   | -   | -     | -     | -     | -          | -                              | -                                   | -   | -     | 1     | -     | -          | 1     |
| Capiscum               | 1                                   | -   | -     | -     | -     | -          | 1                              | -                                   | -   | 1     | 1     | -     | -          | 3     |
| Cassava                | -                                   | -   | -     | 1     | 2     | 3          | 6                              | -                                   | 1   | 1     | 1     | 1     | 1          | 7     |
| Chestnut               | 94                                  | 13  | 8     | -     | -     | -          | 115                            | 1                                   | -   | 3     | 1     | 1     | 1          | 7     |
| Chilli                 | 18                                  | 1   | 2     | -     | -     | 1          | 22                             | 119                                 | 49  | 23    | 4     | 1     | 1          | 196   |
| Citrus-Orange          | 40                                  | 29  | 16    | 3     | 1     | 1          | 90                             | 67                                  | 34  | 35    | 2     | 3     | 5          | 146   |
| Coconut                | 110                                 | 188 | 332   | 104   | 33    | 18         | 785                            | 21                                  | 7   | 10    | -     | 1     | -          | 39    |
| Coffee                 | 1                                   | 1   | 1     | -     | -     | -          | 3                              | 72                                  | 108 | 287   | 170   | 122   | 22         | 781   |
| Kumara                 | -                                   | -   | 1     | -     | -     | -          | 1                              | -                                   | -   | 1     | -     | -     | 1          | 2     |
| Mango                  | 292                                 | 149 | 57    | 2     | -     | -          | 500                            | -                                   | 1   | 3     | -     | -     | -          | 4     |
| Melon-Water            | -                                   | -   | -     | -     | -     | -          | -                              | 218                                 | 140 | 123   | 14    | 1     | -          | 496   |
| Pawpaw-Solo            | 32                                  | 23  | 22    | 7     | 3     | -          | 87                             | 12                                  | 14  | 14    | -     | -     | -          | 40    |
| Pineapple              | -                                   | 1   | 1     | -     | -     | -          | 2                              | 1                                   | 1   | 12    | 3     | 7     | 3          | 27    |
| Puraka                 | -                                   | -   | -     | -     | -     | -          | 1                              | -                                   | -   | 1     | -     | -     | -          | 1     |
| Taro-dry               | -                                   | -   | -     | -     | -     | 1          | 5                              | -                                   | 1   | 3     | -     | -     | -          | 4     |
| Taro-wet, flooded      | -                                   | -   | 1     | -     | -     | 4          | 5                              | -                                   | -   | -     | -     | -     | -          | 5     |
| Taro-wet, raised       | 1                                   | -   | -     | -     | -     | 1          | 1                              | -                                   | -   | -     | 1     | -     | -          | 1     |
| Tarua                  | -                                   | 1   | 3     | -     | 2     | 1          | 7                              | -                                   | 1   | 2     | 2     | 1     | -          | 6     |
| Tomato                 | -                                   | -   | 1     | -     | -     | 1          | 2                              | -                                   | 1   | 1     | -     | -     | -          | 1     |
| Vanilla                | 1                                   | 3   | 1     | -     | -     | 1          | 4                              | -                                   | -   | -     | -     | -     | -          | 2     |
| Other root crops       | 5                                   | 1   | 2     | -     | 1     | -          | 10                             | 1                                   | 6   | 9     | 1     | 2     | 2          | 21    |
| Other tree crops       | 868                                 | 92  | 68    | 8     | 4     | 2          | 1042                           | 634                                 | 133 | 139   | 39    | 8     | 2          | 955   |
| Other vegetable crops  | 40                                  | 10  | 7     | 2     | -     | -          | 59                             | 34                                  | 15  | 31    | 8     | 11    | 5          | 104   |
| Other crops-Not stated | 69                                  | 10  | 6     | 1     | 1     | 1          | 88                             | 119                                 | 25  | 39    | 14    | 13    | 13         | 223   |
| All Crops              | 2182                                | 704 | 767   | 173   | 84    | 42         | 3952                           | 1706                                | 692 | 928   | 306   | 195   | 59         | 3886  |

Table 61: Scattered Crops Growing Outside Parcels -  
Number of Separate Plantings by Region, Type of Crop and Size of Planting (continued)

| Type of Crop           | Region: NORTHERN ISLANDS |     |       |       |       |            | Region: COOK ISLANDS |      |       |       |       |            |       |      |
|------------------------|--------------------------|-----|-------|-------|-------|------------|----------------------|------|-------|-------|-------|------------|-------|------|
|                        | 1-4                      | 5-9 | 10-24 | 25-49 | 50-99 | 100 & over | 1-4                  | 5-9  | 10-24 | 25-49 | 50-99 | 100 & over | Total |      |
| Avocado                | 1                        | -   | -     | -     | -     | -          | 326                  | 49   | 32    | -     | -     | -          | 408   |      |
| Banana-Cavendish       | 14                       | 9   | 13    | 1     | -     | -          | 52                   | 57   | 125   | 20    | 1     | 4          | 273   |      |
| Banana-Ladyfinger      | 2                        | 6   | 13    | 3     | -     | -          | 21                   | 61   | 147   | 38    | 15    | 7          | 273   |      |
| Banana-Plantain        | 17                       | 22  | 45    | 9     | 2     | -          | 54                   | 76   | 149   | 41    | 30    | 16         | 304   |      |
| Bean-Export            | -                        | -   | -     | -     | -     | -          | -                    | -    | -     | -     | 16    | 1          | 337   |      |
| Breadfruit             | 68                       | 5   | 3     | -     | -     | -          | 665                  | 136  | 51    | 2     | -     | 1          | 855   |      |
| Cabbage-European       | -                        | -   | -     | -     | -     | -          | -                    | -    | 51    | 2     | 1     | -          | 1     |      |
| Capsicum               | -                        | -   | 1     | -     | -     | -          | -                    | 1    | -     | 1     | -     | -          | 1     |      |
| Cassava                | -                        | 1   | 1     | 2     | 1     | 2          | 1                    | 1    | 4     | 4     | 4     | 6          | 5     |      |
| Chestnut               | -                        | -   | -     | -     | -     | 2          | 213                  | 62   | 31    | 4     | 1     | 6          | 20    |      |
| Chilli                 | -                        | -   | 1     | -     | -     | -          | 85                   | 35   | 38    | 2     | 3     | 6          | 311   |      |
| Citrus-Orange          | -                        | -   | -     | -     | -     | -          | 61                   | 36   | 26    | 3     | 2     | 1          | 169   |      |
| Coconut                | 8                        | 7   | 37    | 24    | 24    | 5          | 190                  | 303  | 656   | 298   | 179   | 45         | 129   |      |
| Coffee                 | -                        | -   | -     | -     | -     | -          | 1                    | 1    | 2     | -     | -     | 1          | 5     |      |
| Kumara                 | -                        | -   | -     | 3     | -     | -          | -                    | 1    | 6     | 3     | -     | -          | 10    |      |
| Mango                  | 1                        | -   | 2     | -     | -     | -          | 511                  | 289  | 180   | 16    | 1     | -          | 997   |      |
| Melon-Water            | -                        | -   | -     | -     | -     | -          | -                    | -    | 180   | 16    | 1     | -          | 1     |      |
| Pawpaw-Solo            | 9                        | 10  | 8     | -     | -     | -          | 53                   | 47   | 44    | 7     | 3     | -          | 154   |      |
| Pineapple              | 1                        | -   | -     | -     | -     | -          | 2                    | 2    | 13    | 3     | 7     | 3          | 30    |      |
| Puraka                 | -                        | -   | -     | -     | -     | 5          | -                    | -    | 1     | -     | -     | 6          | 7     |      |
| Taro-dry               | -                        | -   | -     | -     | -     | -          | -                    | 1    | 3     | 1     | 1     | 4          | 9     |      |
| Taro-wet, flooded      | -                        | -   | -     | 1     | -     | 2          | -                    | -    | 1     | 1     | 1     | 2          | 4     |      |
| Taro-wet, raised       | -                        | -   | -     | -     | 1     | 1          | 1                    | -    | 7     | 1     | 1     | 2          | 5     |      |
| Taru                   | -                        | 1   | 2     | 2     | 1     | 1          | -                    | 3    | 7     | 6     | 1     | 1          | 18    |      |
| Tomato                 | -                        | -   | 1     | 4     | -     | -          | -                    | -    | 3     | 4     | -     | 1          | 8     |      |
| Vanilla                | -                        | -   | -     | -     | -     | -          | 2                    | 4    | -     | -     | -     | -          | 6     |      |
| Other root crops       | -                        | -   | 1     | 1     | -     | -          | 6                    | 7    | 12    | 3     | 3     | 2          | 33    |      |
| Other tree crops       | 52                       | 26  | 16    | 2     | -     | -          | 1554                 | 251  | 223   | 49    | 12    | 4          | 2093  |      |
| Other vegetable crops  | 22                       | 15  | 16    | 2     | 1     | -          | 96                   | 40   | 54    | 12    | 12    | 5          | 219   |      |
| Other crops-Not stated | -                        | -   | 1     | -     | -     | -          | 188                  | 35   | 46    | 15    | 14    | 14         | 312   |      |
| All Crops              | 195                      | 102 | 161   | 54    | 29    | 15         | 556                  | 4083 | 1498  | 1856  | 533   | 308        | 116   | 8394 |

Table 62: Scattered Crops Growing Outside Parcels -  
Number of Plants by Region, Type of Crop and Size of Planting

| Type of Crop           | Region: RAROTONGA |      |       |       |       |            | Region: OTHER SOUTHERN ISLANDS |      |       |       |       |            |       |
|------------------------|-------------------|------|-------|-------|-------|------------|--------------------------------|------|-------|-------|-------|------------|-------|
|                        | 1-4               | 5-9  | 10-24 | 25-49 | 50-99 | 100 & over | 1-4                            | 5-9  | 10-24 | 25-49 | 50-99 | 100 & over | Total |
| Avocado                | 450               | 217  | 296   | -     | 50    | -          | 207                            | 75   | 120   | -     | -     | -          | 402   |
| Banana-Cavendish       | 92                | 286  | 1426  | 600   | 720   | 610        | 14                             | 35   | 268   | 42    | 50    | -          | 409   |
| Banana-Ladyfinger      | 39                | 197  | 1178  | 521   | 900   | 400        | 17                             | 144  | 755   | 582   | 766   | 520        | 2784  |
| Banana-Plantain        | 53                | 94   | 374   | 260   | 284   | -          | 54                             | 263  | 1202  | 729   | 470   | 100        | 2818  |
| Bean-Export            | -                 | -    | -     | -     | -     | 200        | -                              | -    | -     | -     | -     | -          | -     |
| Breadfruit             | 727               | 339  | 123   | 27    | 50    | -          | 594                            | 434  | 434   | 40    | -     | -          | 1502  |
| Cabbage-European       | -                 | -    | -     | -     | -     | -          | -                              | -    | -     | 30    | -     | -          | 30    |
| Capsicum               | 2                 | -    | -     | -     | -     | -          | -                              | 5    | 13    | -     | -     | -          | 77    |
| Cassava                | -                 | -    | -     | 30    | 100   | 450        | 2                              | -    | 50    | 43    | 60    | 100        | 255   |
| Chestnut               | 188               | 78   | 99    | -     | -     | -          | 253                            | 286  | 339   | 127   | 74    | 100        | 255   |
| Chilli                 | 49                | 6    | 20    | -     | -     | 100        | 180                            | 208  | 504   | 78    | 180   | 820        | 1079  |
| Citrus-Orange          | 107               | 187  | 235   | 100   | 50    | 100        | 40                             | 45   | 137   | -     | 70    | -          | 1970  |
| Coconut                | 313               | 1269 | 4929  | 3465  | 1921  | 2267       | 217                            | 705  | 4384  | 5737  | 6959  | 2760       | 20762 |
| Coffee                 | 4                 | 5    | 15    | -     | -     | -          | -                              | 5    | 20    | -     | -     | 100        | 120   |
| Kumara                 | -                 | -    | 20    | -     | -     | -          | -                              | 42   | 42    | -     | -     | -          | 47    |
| Mango                  | 713               | 931  | 734   | 55    | -     | -          | 578                            | 892  | 1664  | 466   | 50    | -          | 3650  |
| Melon-Water            | -                 | -    | -     | -     | -     | -          | -                              | -    | -     | -     | -     | -          | -     |
| Pawpaw-Solo            | 86                | 150  | 288   | 217   | 178   | -          | 33                             | 86   | 163   | -     | -     | -          | 282   |
| Pineapple              | -                 | 5    | 15    | -     | -     | -          | 3                              | 8    | 218   | 107   | 400   | 300        | 1036  |
| Puraka                 | -                 | -    | -     | -     | -     | 200        | -                              | -    | 20    | -     | -     | -          | 20    |
| Taro-dry               | -                 | -    | -     | -     | 50    | 720        | -                              | 8    | 48    | -     | -     | -          | 56    |
| Taro-wet, flooded      | -                 | -    | 20    | -     | -     | 20         | -                              | -    | -     | -     | -     | -          | -     |
| Taro-wet, raised       | 1                 | -    | -     | -     | -     | 100        | -                              | -    | -     | 35    | -     | -          | 35    |
| Taruva                 | -                 | 8    | 50    | 70    | -     | 100        | -                              | 6    | 40    | 55    | 50    | -          | 151   |
| Tomato                 | -                 | -    | 10    | -     | -     | 100        | -                              | -    | 10    | -     | -     | -          | 10    |
| Vanilla                | 2                 | 16   | -     | -     | -     | 300        | -                              | -    | -     | -     | -     | -          | 9     |
| Other root crops       | 8                 | 5    | 20    | 30    | 50    | -          | 4                              | 5    | -     | -     | -     | -          | 18    |
| Other tree crops       | 1755              | 554  | 874   | 236   | 240   | 700        | 4                              | 36   | 117   | 30    | 100   | 200        | 487   |
| Other vegetable crops  | 76                | 61   | 119   | 55    | -     | -          | 1251                           | 832  | 1875  | 1286  | 425   | 1100       | 6769  |
| Other crops-Not stated | 131               | 64   | 93    | 40    | 50    | 100        | 83                             | 100  | 427   | 247   | 650   | 700        | 2207  |
| All Crops              | 4796              | 4472 | 10938 | 5706  | 4643  | 6347       | 3808                           | 4331 | 13445 | 10134 | 11165 | 8452       | 51335 |

Table 62: Scattered Crops Growing Outside Parcels -  
 Number of Plants by Region, Type of Crop and Size of Planting (continued)

| Type of Crop           | Region: NORTHERN ISLANDS            |     |       |       |       |            | Region: COOK ISLANDS                |      |      |       |       |       |            |        |
|------------------------|-------------------------------------|-----|-------|-------|-------|------------|-------------------------------------|------|------|-------|-------|-------|------------|--------|
|                        | Size of Planting (number of plants) |     |       |       |       |            | Size of Planting (number of plants) |      |      |       |       |       |            |        |
|                        | 1-4                                 | 5-9 | 10-24 | 25-49 | 50-99 | 100 & over | Total                               | 1-4  | 5-9  | 10-24 | 25-49 | 50-99 | 100 & over | Total  |
| Avocado                | 1                                   | -   | -     | -     | -     | -          | 1                                   | 658  | 292  | 416   | -     | 50    | -          | 1416   |
| Banana-Cavendish       | 37                                  | 54  | 160   | 27    | -     | -          | 278                                 | 143  | 375  | 1854  | 669   | 770   | 610        | 4421   |
| Banana-Ladyfinger      | 5                                   | 37  | 170   | 87    | -     | -          | 299                                 | 61   | 378  | 2103  | 1190  | 1666  | 920        | 6318   |
| Banana-Plantain        | 48                                  | 143 | 733   | 276   | 100   | -          | 1300                                | 155  | 500  | 2309  | 1265  | 854   | 100        | 5183   |
| Bean-Export            | -                                   | -   | -     | -     | -     | -          | -                                   | -    | -    | -     | -     | -     | 200        | 200    |
| Breadfruit             | 137                                 | 26  | 41    | -     | -     | -          | 204                                 | 1458 | 799  | 598   | 67    | 50    | -          | 2972   |
| Cabbage-European       | -                                   | -   | -     | -     | -     | -          | -                                   | -    | -    | -     | 30    | -     | -          | 30     |
| Capsicum               | -                                   | -   | 15    | -     | -     | -          | 15                                  | 2    | 5    | 28    | -     | 59    | -          | 94     |
| Cassava                | -                                   | 5   | 15    | 60    | 50    | 3100       | 3230                                | 2    | 5    | 65    | 133   | 210   | 3650       | 4065   |
| Chestnut               | -                                   | -   | -     | -     | -     | -          | -                                   | 441  | 364  | 438   | 127   | 74    | -          | 1444   |
| Chilli                 | -                                   | -   | 10    | -     | -     | -          | 10                                  | 229  | 214  | 534   | 78    | 180   | 920        | 2155   |
| Citrus-Orange          | -                                   | -   | -     | -     | -     | -          | -                                   | 147  | 232  | 372   | 100   | 120   | 100        | 1071   |
| Coconut                | 20                                  | 39  | 544   | 785   | 1575  | 1140       | 4103                                | 550  | 2013 | 9857  | 9987  | 10455 | 6167       | 39029  |
| Coffee                 | -                                   | -   | -     | -     | -     | -          | -                                   | 4    | 5    | 35    | -     | -     | 100        | 144    |
| Kumara                 | -                                   | -   | 35    | 89    | -     | -          | 124                                 | -    | 5    | 97    | 89    | -     | -          | 191    |
| Mango                  | 1                                   | -   | -     | -     | -     | -          | 1                                   | 1292 | 1823 | 2398  | 521   | 50    | -          | 6084   |
| Melon-Water            | -                                   | -   | -     | -     | -     | -          | -                                   | -    | -    | -     | -     | -     | -          | -      |
| Pawpaw-Solo            | 24                                  | 60  | 100   | -     | -     | -          | 184                                 | 143  | 296  | 551   | 217   | 178   | -          | 1385   |
| Pineapple              | 2                                   | -   | -     | -     | -     | -          | 2                                   | 5    | 13   | 233   | 107   | 400   | 300        | 1058   |
| Puraka                 | -                                   | -   | -     | -     | -     | 1950       | 1950                                | -    | -    | 20    | -     | -     | 2150       | 2170   |
| Taro-dry               | -                                   | -   | -     | -     | -     | -          | -                                   | -    | 8    | 48    | -     | 50    | 720        | 826    |
| Taro-wet, flooded      | -                                   | -   | -     | 40    | -     | 456        | 496                                 | -    | -    | 20    | 40    | -     | 456        | 516    |
| Taro-wet, raised       | -                                   | -   | -     | -     | 75    | 500        | 575                                 | 1    | -    | -     | 35    | 75    | 600        | 711    |
| Taru                   | -                                   | 9   | 28    | 61    | -     | -          | 98                                  | -    | 23   | 118   | 186   | 50    | 100        | 477    |
| Tomato                 | -                                   | -   | 15    | 118   | -     | -          | 133                                 | -    | -    | 35    | 118   | -     | 300        | 453    |
| Vanilla                | -                                   | -   | -     | -     | -     | -          | -                                   | 6    | 21   | -     | -     | -     | -          | 27     |
| Other root crops       | -                                   | -   | 12    | 30    | -     | -          | 42                                  | 12   | 41   | 149   | 90    | 150   | 200        | 642    |
| Other tree crops       | 122                                 | 170 | 204   | 65    | -     | -          | 561                                 | 3128 | 1556 | 2953  | 1587  | 665   | 1800       | 11689  |
| Other vegetable crops  | 58                                  | 103 | 258   | 67    | 50    | -          | 536                                 | 217  | 264  | 804   | 369   | 700   | 700        | 3054   |
| Other crops-Not stated | -                                   | -   | 15    | -     | -     | -          | 15                                  | 405  | 217  | 703   | 540   | 852   | 1852       | 4569   |
| All Crops              | 455                                 | 646 | 2355  | 1705  | 1850  | 7146       | 14157                               | 9059 | 9449 | 26738 | 17545 | 17658 | 21945      | 102394 |

Table 63: Crops Currently Grown by Minor Agricultural Households -  
Number of Separate Plantings by Type of Crop and Island

| Type of Crop           | ISLAND         |               |         |      |       |         |                 |               |        |               | COOK ISLANDS |                |         |
|------------------------|----------------|---------------|---------|------|-------|---------|-----------------|---------------|--------|---------------|--------------|----------------|---------|
|                        | Raro-<br>tonga | Aitu-<br>taki | Mangaia | Atiu | Mauke | Mitiaro | Palmer-<br>ston | Puka-<br>puka | Nassau | Mani-<br>hiki |              | Raka-<br>hangā | Penrhyn |
| Avocado                | 62             | 2             | -       | -    | 1     | -       | -               | -             | -      | -             | -            | -              | 65      |
| Banana-Cavendish       | 107            | 2             | 1       | -    | 4     | -       | -               | -             | -      | -             | -            | 2              | 113     |
| Banana-Ladyfinger      | 74             | 5             | 1       | -    | 4     | -       | -               | -             | 3      | -             | -            | -              | 87      |
| Banana-Plantain        | 29             | 10            | -       | -    | 1     | -       | -               | -             | -      | -             | -            | 6              | 51      |
| Bean-Export            | 2              | -             | -       | -    | -     | -       | -               | -             | -      | -             | -            | -              | 2       |
| Breadfruit             | 121            | 20            | -       | -    | 5     | 3       | -               | -             | -      | -             | -            | 3              | 152     |
| Cabbage-European       | 5              | -             | 1       | -    | -     | -       | -               | -             | -      | -             | -            | -              | 6       |
| Capicum                | -              | -             | 1       | -    | -     | -       | -               | -             | -      | -             | -            | -              | 1       |
| Cassava                | 37             | 2             | -       | -    | 1     | -       | -               | -             | -      | -             | -            | 1              | 41      |
| Chestnut               | 7              | 4             | -       | -    | -     | 2       | -               | -             | -      | -             | -            | -              | 13      |
| Chilli                 | 4              | 1             | -       | -    | -     | -       | -               | -             | -      | -             | -            | -              | 5       |
| Citrus-Orange          | 29             | 1             | -       | -    | -     | -       | -               | -             | -      | -             | -            | -              | 30      |
| Coconut                | 364            | 26            | -       | -    | 9     | 3       | -               | -             | 4      | -             | -            | 1              | 411     |
| Coffee                 | 1              | -             | -       | -    | -     | -       | -               | -             | -      | -             | -            | -              | 1       |
| Kumara                 | 19             | 2             | -       | -    | 1     | -       | -               | -             | 2      | -             | -            | -              | 24      |
| Mango                  | 148            | 14            | -       | -    | 4     | -       | -               | -             | -      | -             | -            | -              | 166     |
| Melon-Water            | -              | -             | -       | -    | -     | -       | -               | -             | -      | -             | -            | -              | -       |
| Pawpaw-Solo            | 32             | 1             | -       | -    | -     | -       | -               | -             | -      | -             | -            | -              | 33      |
| Pineapple              | -              | -             | -       | -    | -     | -       | -               | -             | -      | -             | -            | -              | -       |
| Puraka                 | -              | -             | -       | -    | -     | -       | -               | -             | 3      | -             | -            | -              | 7       |
| Taro-dry               | 11             | 3             | -       | -    | -     | -       | -               | -             | -      | -             | -            | -              | 14      |
| Taro-wet, flooded      | 4              | -             | 1       | -    | -     | -       | -               | -             | -      | -             | -            | -              | 9       |
| Taro-wet, raised       | 26             | -             | 1       | -    | 1     | -       | -               | -             | -      | -             | -            | -              | 31      |
| Tarua                  | 8              | 4             | -       | -    | -     | -       | -               | 3             | -      | -             | -            | -              | 12      |
| Tomato                 | 14             | -             | 2       | -    | 1     | -       | -               | -             | -      | -             | -            | -              | 18      |
| Vanilla                | 1              | -             | -       | -    | -     | -       | -               | -             | -      | -             | -            | -              | 1       |
| Other root crops       | 4              | 1             | 2       | -    | -     | -       | -               | -             | -      | -             | -            | 1              | 8       |
| Other tree crops       | 266            | 26            | -       | -    | 4     | -       | -               | 1             | -      | -             | -            | 3              | 301     |
| Other vegetable crops  | 47             | 5             | 13      | -    | -     | -       | -               | -             | -      | -             | -            | 1              | 71      |
| Other crops-Not stated | 25             | 4             | -       | -    | 2     | -       | -               | -             | -      | -             | -            | -              | 31      |
| All Crops              | 1447           | 133           | 23      | -    | 34    | 8       | -               | 21            | -      | 12            | 8            | 18             | 1704    |

Table 64: Crops Currently Grown by Minor Agricultural Households -  
 Number of Plants by Type of Crop and Island

| Type of Crop           | ISLAND         |               |         |      |       |         |                 |               |        |               |                | COOK ISLANDS |         |
|------------------------|----------------|---------------|---------|------|-------|---------|-----------------|---------------|--------|---------------|----------------|--------------|---------|
|                        | Raro-<br>tonga | Aitu-<br>taki | Mangaia | Atiu | Mauke | Mitiaro | Palmer-<br>ston | Puka-<br>puka | Nassau | Mani-<br>hiki | Raka-<br>hanga |              | Penrhyn |
| Avocado                | 124            | 10            | -       | -    | 1     | -       | -               | -             | -      | -             | -              | -            | 135     |
| Banana-Cavendish       | 1204           | 31            | 22      | -    | -     | -       | -               | -             | -      | -             | -              | -            | 1270    |
| Banana-ladyfinger      | 869            | 83            | 7       | -    | 42    | -       | -               | -             | -      | 14            | -              | -            | 1015    |
| Banana-Plantain        | 270            | 154           | -       | -    | 3     | -       | -               | -             | -      | -             | -              | -            | 531     |
| Bean-Export            | 35             | -             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | 35      |
| Breadfruit             | 228            | 33            | -       | -    | 10    | 12      | -               | -             | -      | -             | -              | -            | 287     |
| Cabbage-European       | 148            | -             | 80      | -    | -     | -       | -               | -             | -      | -             | -              | -            | 228     |
| Capicum                | -              | -             | 20      | -    | -     | -       | -               | -             | -      | -             | -              | -            | 20      |
| Cassava                | 5568           | 340           | -       | -    | 20    | -       | -               | -             | -      | -             | -              | -            | 5934    |
| Chestnut               | 10             | 6             | -       | -    | -     | 5       | -               | -             | -      | -             | -              | -            | 21      |
| Chilli                 | 16             | 4             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | 20      |
| Citrus-Orange          | 144            | 5             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | 149     |
| Coconut                | 2669           | 152           | -       | -    | -     | 50      | -               | -             | -      | 50            | -              | -            | 3081    |
| Coffee                 | 5              | -             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | 5       |
| Kumara                 | 2222           | 90            | -       | -    | 30    | -       | -               | -             | -      | 65            | -              | -            | 2407    |
| Mango                  | 382            | 25            | -       | -    | 17    | -       | -               | -             | -      | -             | -              | -            | 424     |
| Melon-Water            | -              | -             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | -       |
| Pawpaw-Solo            | 132            | 4             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | 136     |
| Pineapple              | -              | -             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | -       |
| Puraka                 | -              | -             | -       | -    | -     | -       | -               | -             | -      | 95            | -              | -            | 445     |
| Taro-dry               | 1139           | 68            | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | 1207    |
| Taro-wet, flooded      | 560            | -             | 48      | -    | -     | -       | -               | -             | -      | -             | -              | -            | 1358    |
| Taro-wet, raised       | 8302           | -             | 20      | -    | 200   | -       | -               | -             | -      | -             | -              | -            | 9422    |
| Taru                   | 314            | 151           | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | 465     |
| Tomato                 | 314            | -             | -       | -    | 15    | -       | -               | -             | -      | -             | -              | -            | 932     |
| Vanilla                | 757            | -             | 110     | -    | -     | -       | -               | -             | -      | -             | -              | -            | 400     |
| Other root crops       | 400            | -             | -       | -    | -     | -       | -               | -             | -      | -             | -              | -            | 400     |
| Other tree crops       | 50             | 8             | 180     | -    | -     | -       | -               | -             | -      | -             | -              | -            | 243     |
| Other vegetable crops  | 817            | 118           | -       | -    | 42    | -       | -               | -             | -      | -             | 9              | 13           | 1002    |
| Other crops-Not stated | 835            | 14            | 1067    | -    | -     | -       | -               | -             | -      | -             | 66             | 1            | 1983    |
| All Crops              | 27585          | 1327          | 1554    | -    | 518   | 67      | -               | 2083          | -      | 224           | 129            | 90           | 33577   |

Table 65: Crops Currently Grown by Minor Agricultural Households -  
Single Crop Equivalent Area (acres) by Type of Crop and Island

| Type of Crop           | ISLAND         |               |              |      |       |         |                 |               |        |               |                | COOK ISLANDS |         |
|------------------------|----------------|---------------|--------------|------|-------|---------|-----------------|---------------|--------|---------------|----------------|--------------|---------|
|                        | Raro-<br>tonga | Aitu-<br>taki | Mangai-<br>a | Atiu | Mauke | Mitiaro | Palmer-<br>ston | Puka-<br>puka | Nassau | Kani-<br>hiki | Raka-<br>hanga |              | Penrhyn |
| Avocado                | 3.0            | .2            | -            | -    | *     | -       | -               | -             | -      | -             | -              | -            | 3.3     |
| Banana-Cavendish       | 1.4            | *             | *            | -    | -     | -       | -               | -             | -      | -             | -              | -            | 1.5     |
| Banana-Ladyfinger      | 1.0            | .1            | *            | -    | .1    | -       | -               | -             | -      | *             | -              | -            | 1.2     |
| Banana-Plantain        | .3             | .2            | -            | -    | *     | -       | .1              | -             | -      | -             | .1             | -            | .6      |
| Bean-Export            | *              | -             | -            | -    | -     | -       | -               | -             | -      | -             | -              | -            | *       |
| Breadfruit             | 5.6            | .8            | -            | -    | .2    | .3      | -               | -             | -      | -             | .1             | -            | 7.0     |
| Cabbage-European       | *              | -             | *            | -    | -     | -       | -               | -             | -      | -             | -              | -            | *       |
| Capsicum               | -              | -             | *            | -    | -     | -       | -               | -             | -      | -             | -              | -            | *       |
| Cassava                | .7             | *             | -            | -    | *     | -       | -               | -             | -      | -             | -              | *            | .7      |
| Chestnut               | .2             | .1            | -            | -    | -     | .1      | -               | -             | -      | -             | -              | -            | .5      |
| Chilli                 | *              | *             | -            | -    | -     | -       | -               | -             | -      | -             | -              | -            | .5      |
| Citrus-Orange          | .8             | *             | -            | -    | -     | -       | -               | -             | -      | -             | -              | -            | .9      |
| Coconut                | 35.1           | 2.0           | -            | -    | 1.7   | .7      | -               | .3            | -      | .7            | .1             | -            | 40.5    |
| Coffee                 | *              | -             | -            | -    | -     | -       | -               | -             | -      | -             | -              | -            | *       |
| Kunara                 | .3             | *             | -            | -    | *     | -       | -               | -             | -      | *             | -              | -            | .3      |
| Mango                  | 9.3            | .6            | -            | -    | .4    | -       | -               | -             | -      | -             | -              | -            | 10.3    |
| Melon-Water            | -              | -             | -            | -    | -     | -       | -               | -             | -      | -             | -              | -            | -       |
| Pawpaw-Solo            | .2             | *             | -            | -    | -     | -       | -               | -             | -      | -             | -              | -            | .2      |
| Pineapple              | -              | -             | -            | -    | -     | -       | -               | -             | -      | -             | -              | -            | -       |
| Puraka                 | -              | -             | -            | -    | -     | -       | -               | -             | -      | -             | -              | -            | -       |
| Taro-dry               | -              | -             | -            | -    | -     | -       | -               | -             | -      | *             | -              | -            | .1      |
| Taro-wet, flooded      | .1             | *             | -            | -    | -     | -       | -               | -             | -      | -             | -              | -            | .1      |
| Taro-wet, raised       | .1             | -             | -            | -    | -     | -       | .1              | -             | -      | -             | -              | -            | .2      |
| Taru-<br>Taru          | 1.0            | -             | *            | -    | *     | -       | -               | -             | -      | -             | -              | -            | 1.2     |
| Tomato                 | *              | *             | -            | -    | -     | -       | -               | -             | -      | -             | -              | -            | .1      |
| Vanilla                | .1             | -             | -            | -    | *     | -       | -               | -             | -      | -             | -              | -            | .1      |
| Other root crops       | 1.0            | -             | -            | -    | -     | -       | -               | -             | -      | -             | -              | -            | 1.0     |
| Other tree crops       | *              | *             | *            | -    | -     | -       | -               | -             | -      | -             | -              | -            | *       |
| Other vegetable crops  | 2.0            | .3            | -            | -    | .1    | -       | -               | -             | -      | -             | -              | -            | 2.5     |
| Other crops-Not stated | .1             | *             | -            | -    | *     | -       | -               | -             | -      | -             | -              | -            | .2      |
| All crops              | .5             | *             | -            | -    | *     | -       | -               | -             | -      | -             | -              | -            | .5      |
|                        | 63.0           | 4.6           | .2           | -    | 2.6   | 1.1     | -               | .6            | -      | .7            | -              | .3           | 73.1    |

\* Less than 0.1 acre

**Table 66: Crops Planted by Minor Agricultural Households in the 12 Months Preceding the Census and Already Harvested - Number of Separate Plantings, Number of Plants Harvested and Area Harvested by Type of Crop**

| Type of Crop           | Number of Separate Plantings | Number of Plants Harvested | Area Harvested (sq. yards) |
|------------------------|------------------------------|----------------------------|----------------------------|
| Avocado                | -                            | -                          | -                          |
| Banana-Cavendish       | -                            | -                          | -                          |
| Banana-Ladyfinger      | -                            | -                          | -                          |
| Banana-Plantain        | -                            | -                          | -                          |
| Bean-Export            | 1                            | 6                          | 3                          |
| Breadfruit             | -                            | -                          | -                          |
| Cabbage-European       | 2                            | 92                         | 23                         |
| Capsicum               | -                            | -                          | -                          |
| Cassava                | 7                            | 816                        | 423                        |
| Chestnut               | -                            | -                          | -                          |
| Chilli                 | -                            | -                          | -                          |
| Citrus-Orange          | -                            | -                          | -                          |
| Coconut                | -                            | -                          | -                          |
| Coffee                 | -                            | -                          | -                          |
| Kumara                 | 9                            | 315                        | 157                        |
| Mango                  | -                            | -                          | -                          |
| Melon-Water            | -                            | -                          | -                          |
| Pawpaw-Solo            | -                            | -                          | -                          |
| Pineapple              | -                            | -                          | -                          |
| Puraka                 | 3                            | 95                         | 47                         |
| Taro-dry               | 1                            | 10                         | 5                          |
| Taro-wet, flooded      | 2                            | 60                         | 32                         |
| Taro-wet, raised       | 11                           | 2848                       | 1424                       |
| Tarua                  | -                            | -                          | -                          |
| Tomato                 | 3                            | 80                         | 23                         |
| Vanilla                | -                            | -                          | -                          |
| Other root crops       | 1                            | 15                         | 3                          |
| Other tree crops       | -                            | -                          | -                          |
| Other vegetable crops  | 7                            | 90                         | 26                         |
| Other crops-Not stated | -                            | -                          | -                          |
| <b>All Crops</b>       | <b>47</b>                    | <b>4427</b>                | <b>2166</b>                |

**Table 67: Crops Planted in Parcels in the 12 Months Preceding the Census and Already Harvested -  
Number of Plantings Reporting in Acres, Square Yards and Numbers of Plants; Area Reported in Acres and Square Yards and Numbers of Plants Reported by Type of Crop**

| Type of Crop           | Number Reported in Acres | Number Reported in Square Yards | Number Reported in Plants | Area Reported (acres) | Area Reported (sq. yards) | Number of Plants Reported |
|------------------------|--------------------------|---------------------------------|---------------------------|-----------------------|---------------------------|---------------------------|
| Avocado                | --                       | --                              | --                        | --                    | --                        | --                        |
| Banana-Cavendish       | --                       | --                              | --                        | --                    | --                        | --                        |
| Banana-Ladyfinger      | --                       | --                              | --                        | --                    | --                        | --                        |
| Banana-Plantain        | --                       | --                              | --                        | --                    | --                        | --                        |
| Bean-Export            | 40                       | 6                               | 46                        | 23.1                  | 649                       | 362344                    |
| Breadfruit             | --                       | --                              | --                        | --                    | --                        | --                        |
| Cabbage-European       | 54                       | 2                               | 56                        | 15.7                  | 105                       | 107366                    |
| Capsicum               | 14                       | 1                               | 15                        | 4.2                   | 5                         | 23464                     |
| Cassava                | 825                      | 25                              | 850                       | 284.8                 | 4730                      | 1186184                   |
| Chestnut               | --                       | --                              | --                        | --                    | --                        | --                        |
| Chilli                 | 4                        | --                              | 4                         | 1.1                   | --                        | 1500                      |
| Citrus-Orange          | --                       | --                              | --                        | --                    | --                        | --                        |
| Coconut                | --                       | --                              | --                        | --                    | --                        | --                        |
| Coffee                 | --                       | --                              | --                        | --                    | --                        | --                        |
| Kumara                 | 704                      | 27                              | 731                       | 157.0                 | 2832                      | 465939                    |
| Mango                  | --                       | --                              | --                        | --                    | --                        | --                        |
| Melon-Water            | 59                       | --                              | 59                        | 34.0                  | --                        | 56070                     |
| Pawpaw-Solo            | --                       | --                              | --                        | --                    | --                        | --                        |
| Pineapple              | --                       | --                              | --                        | --                    | --                        | --                        |
| Puraka                 | 16                       | --                              | 16                        | 3.4                   | --                        | 4630                      |
| Taro-dry               | 105                      | 10                              | 115                       | 29.2                  | 878                       | 91715                     |
| Taro-wet, flooded      | 223                      | 2                               | 225                       | 77.2                  | 1800                      | 369540                    |
| Taro-wet, raised       | 496                      | 29                              | 525                       | 124.3                 | 4288                      | 553534                    |
| Tarua                  | 408                      | 18                              | 426                       | 99.4                  | 2689                      | 288521                    |
| Tomato                 | 108                      | 13                              | 121                       | 36.5                  | 1961                      | 246980                    |
| Vanilla                | --                       | --                              | --                        | --                    | --                        | --                        |
| Other root crops       | 71                       | 9                               | 80                        | 23.6                  | 1009                      | 122745                    |
| Other tree crops       | --                       | --                              | --                        | --                    | --                        | --                        |
| Other vegetable crops  | 72                       | 27                              | 99                        | 14.6                  | 1585                      | 103224                    |
| Other crops-Not stated | 2                        | 2                               | 4                         | .6                    | 260                       | 4600                      |
| <b>All Crops</b>       | <b>3201</b>              | <b>171</b>                      | <b>3372</b>               | <b>929.0</b>          | <b>22791</b>              | <b>3988356</b>            |

Table 68: Crops Planted in Parcels in the 12 Months Preceding  
the Census and Already Harvested - Total Area (acres)  
Harvested by Type of Crop and Proportion Sold

| Type of Crop           | Proportion Sold |      |      |      |      | Total |
|------------------------|-----------------|------|------|------|------|-------|
|                        | None            | 1/4  | 1/2  | 3/4  | All  |       |
| Avocado                | -               | -    | -    | -    | -    | -     |
| Banana-Cavendish       | -               | -    | -    | -    | -    | -     |
| Banana-Ladyfinger      | -               | -    | -    | -    | -    | -     |
| Banana-Plantain        | -               | -    | -    | -    | -    | -     |
| Bean-Export            | .9              | 1.0  | 1.9  | 4.1  | 15.4 | 23.3  |
| Breadfruit             | -               | -    | -    | -    | -    | -     |
| Cabbage-European       | 1.3             | .3   | 1.5  | 4.8  | 7.9  | 15.7  |
| Capsicum               | .3              | -    | .3   | 1.0  | 2.6  | 4.2   |
| Cassava                | 235.8           | 9.1  | 25.4 | 12.3 | 3.3  | 285.8 |
| Chestnut               | -               | -    | -    | -    | -    | -     |
| Chilli                 | -               | -    | -    | -    | 1.1  | 1.1   |
| Citrus-Orange          | -               | -    | -    | -    | -    | -     |
| Coconut                | -               | -    | -    | -    | -    | -     |
| Coffee                 | -               | -    | -    | -    | -    | -     |
| Kumara                 | 134.9           | 4.9  | 7.7  | 3.7  | 6.4  | 157.6 |
| Mango                  | -               | -    | -    | -    | -    | -     |
| Melon-Water            | 4.5             | 1.0  | 1.4  | 10.5 | 16.6 | 34.0  |
| Pawpaw-Solo            | -               | -    | -    | -    | -    | -     |
| Pineapple              | -               | -    | -    | -    | -    | -     |
| Puraka                 | 3.4             | -    | -    | -    | -    | 3.4   |
| Taro-dry               | 27.4            | .9   | .6   | -    | .5   | 29.4  |
| Taro-wet, flooded      | 61.5            | 5.3  | 8.5  | 1.7  | .6   | 77.5  |
| Taro-wet, raised       | 98.8            | 8.6  | 11.0 | 5.4  | 1.4  | 125.2 |
| Tarua                  | 86.4            | 2.2  | 6.4  | 3.8  | 1.1  | 100.0 |
| Tomato                 | 4.9             | 2.1  | 3.1  | 10.5 | 16.3 | 36.9  |
| Vanilla                | -               | -    | -    | -    | -    | -     |
| Other root crops       | 14.7            | .5   | 3.9  | 4.1  | .6   | 23.8  |
| Other tree crops       | -               | -    | -    | -    | -    | -     |
| Other vegetable crops  | 5.7             | .3   | 2.0  | 2.0  | 5.0  | 14.9  |
| Other crops-Not stated | .2              | -    | -    | -    | .5   | .7    |
| All Crops              | 680.6           | 36.1 | 73.7 | 63.8 | 79.5 | 933.7 |

Table 69: Land Waiting to be Planted and Fallow Land in Parcels -  
Number of Plots and Area (acres) of Plots by Island

| Island              | NUMBER OF PLOTS          |             |             | AREA (acres)             |              |              |
|---------------------|--------------------------|-------------|-------------|--------------------------|--------------|--------------|
|                     | Waiting to<br>be Planted | Fallow      | Total       | Waiting to<br>be Planted | Fallow       | Total        |
| Rarotonga           | 40                       | 220         | 260         | 27.1                     | 140.2        | 167.3        |
| Aitutaki            | 1                        | 388         | 389         | .1                       | 142.6        | 142.7        |
| Mangaia             | 21                       | 228         | 249         | 7.2                      | 115.7        | 122.9        |
| Atiu                | 20                       | 160         | 180         | 10.4                     | 104.1        | 114.5        |
| Mauke               | 37                       | 42          | 79          | 24.1                     | 38.3         | 62.4         |
| Mitiaro             | -                        | 9           | 9           | -                        | 3.9          | 3.9          |
| Palmerston          | -                        | 1           | 1           | -                        | 1.0          | 1.0          |
| Pukapuka            | -                        | 73          | 73          | -                        | 12.0         | 12.0         |
| Nassau              | -                        | -           | -           | -                        | -            | -            |
| Manihiki            | -                        | -           | -           | -                        | -            | -            |
| Rakahanga           | -                        | 1           | 1           | -                        | .7           | .7           |
| Penrhyn             | -                        | 6           | 6           | -                        | 5.0          | 5.0          |
| <b>COOK ISLANDS</b> | <b>119</b>               | <b>1128</b> | <b>1247</b> | <b>68.9</b>              | <b>563.4</b> | <b>632.2</b> |

Table 70: Summary of Single Crop Equivalent Areas (acres) by Type of Crop and Method of Planting

| Type of Crop           | Crops Growing at the Time of the Census |       |       |        |        | Crops Planted and Harvested in the 12 Months Preceding the Census |         |       | TOTAL  |
|------------------------|-----------------------------------------|-------|-------|--------|--------|-------------------------------------------------------------------|---------|-------|--------|
|                        | CIP-OTS                                 | SC-IP | SC-OP | MH-CCG | Total  | MH-CH                                                             | CIP-P&H | Total |        |
| Avocado                | 2.9                                     | 19.8  | 34.5  | 3.3    | 60.5   | -                                                                 | -       | -     | 60.5   |
| Banana-Cavendish       | 300.3                                   | 5.3   | 5.3   | 1.5    | 312.5  | -                                                                 | -       | -     | 312.5  |
| Banana-Ladyfinger      | 56.9                                    | 3.7   | 7.6   | 1.2    | 69.4   | -                                                                 | -       | -     | 69.4   |
| Banana-Plantain        | 49.1                                    | 3.5   | 6.2   | .6     | 59.5   | -                                                                 | -       | -     | 59.5   |
| Bean-Export            | 22.1                                    | *     | *     | *      | 22.1   | *                                                                 | 23.3    | 23.3  | 45.4   |
| Breadfruit             | .9                                      | 25.0  | 72.5  | 7.0    | 105.4  | -                                                                 | -       | -     | 105.4  |
| Cabbage-European       | 15.1                                    | *     | *     | *      | 15.2   | *                                                                 | 15.7    | 15.7  | 30.9   |
| Capsicum               | 6.7                                     | *     | *     | *      | 6.7    | -                                                                 | 4.2     | 4.2   | 10.9   |
| Cassava                | 753.3                                   | .3    | .5    | .7     | 754.8  | .1                                                                | 285.8   | 285.9 | 1040.7 |
| Chestnut               | 12.1                                    | 28.5  | 35.2  | .5     | 76.3   | -                                                                 | -       | -     | 76.3   |
| Chilli                 | 3.3                                     | 2.2   | 2.6   | *      | 8.1    | -                                                                 | 1.1     | 1.1   | 9.2    |
| Citrus-Orange          | 391.1                                   | 7.9   | 6.3   | .9     | 406.2  | -                                                                 | -       | -     | 406.2  |
| Coconut                | 1023.3                                  | 306.2 | 513.5 | 40.5   | 1883.6 | -                                                                 | -       | -     | 1883.6 |
| Coffee                 | 29.2                                    | .3    | .4    | *      | 29.9   | -                                                                 | -       | -     | 29.9   |
| Kumara                 | 236.6                                   | .1    | *     | .3     | 237.0  | *                                                                 | 157.6   | 157.7 | 394.7  |
| Mango                  | 12.7                                    | 78.1  | 148.4 | 10.3   | 249.5  | -                                                                 | -       | -     | 249.5  |
| Melon-Water            | 44.7                                    | .1    | -     | -      | 44.8   | -                                                                 | 34.0    | 34.0  | 78.8   |
| Pawpaw-Solo            | 174.4                                   | 1.1   | 1.7   | .2     | 177.3  | -                                                                 | -       | -     | 177.3  |
| Pineapple              | 137.0                                   | *     | .1    | -      | 137.1  | -                                                                 | -       | -     | 137.1  |
| Puraka                 | 68.5                                    | .4    | .3    | .1     | 69.2   | *                                                                 | 3.4     | 3.4   | 72.6   |
| Taro-dry               | 77.7                                    | .1    | .1    | .1     | 78.0   | *                                                                 | 29.4    | 29.4  | 107.4  |
| Taro-wet, flooded      | 168.3                                   | -     | .1    | .2     | 168.5  | *                                                                 | 77.5    | 77.5  | 246.0  |
| Taro-wet, raised       | 329.2                                   | *     | .1    | 1.2    | 330.5  | .3                                                                | 125.2   | 125.5 | 455.5  |
| Tarua                  | 278.7                                   | .1    | .1    | .1     | 279.0  | -                                                                 | 100.0   | 100.0 | 379.0  |
| Tomato                 | 43.0                                    | .1    | *     | .1     | 43.2   | *                                                                 | 36.9    | 36.9  | 80.1   |
| Vanilla                | 9.8                                     | .1    | .1    | 1.0    | 10.9   | -                                                                 | -       | -     | 10.9   |
| Other root crops       | 45.7                                    | .2    | .1    | *      | 45.9   | *                                                                 | 23.8    | 23.8  | 69.7   |
| Other tree crops       | 43.5                                    | 14.0  | 28.9  | 2.5    | 88.8   | -                                                                 | -       | -     | 88.8   |
| Other vegetable crops  | 49.2                                    | .4    | .3    | .2     | 50.1   | *                                                                 | 14.9    | 14.9  | 65.0   |
| Other crops-Not stated | 3.2                                     | 1.3   | 5.5   | .5     | 10.4   | -                                                                 | .7      | .7    | 11.1   |
| All Crops              | 4388.5                                  | 498.9 | 870.3 | 73.1   | 5830.7 | .4                                                                | 933.7   | 934.1 | 6764.8 |

\* Less than 0.1 acre

CIP-OTS Crops in Parcels Other Than Scattered Crops  
 SC-OP Scattered Crops Outside Parcels  
 MH-CH Minor Households - Crops Already Harvested

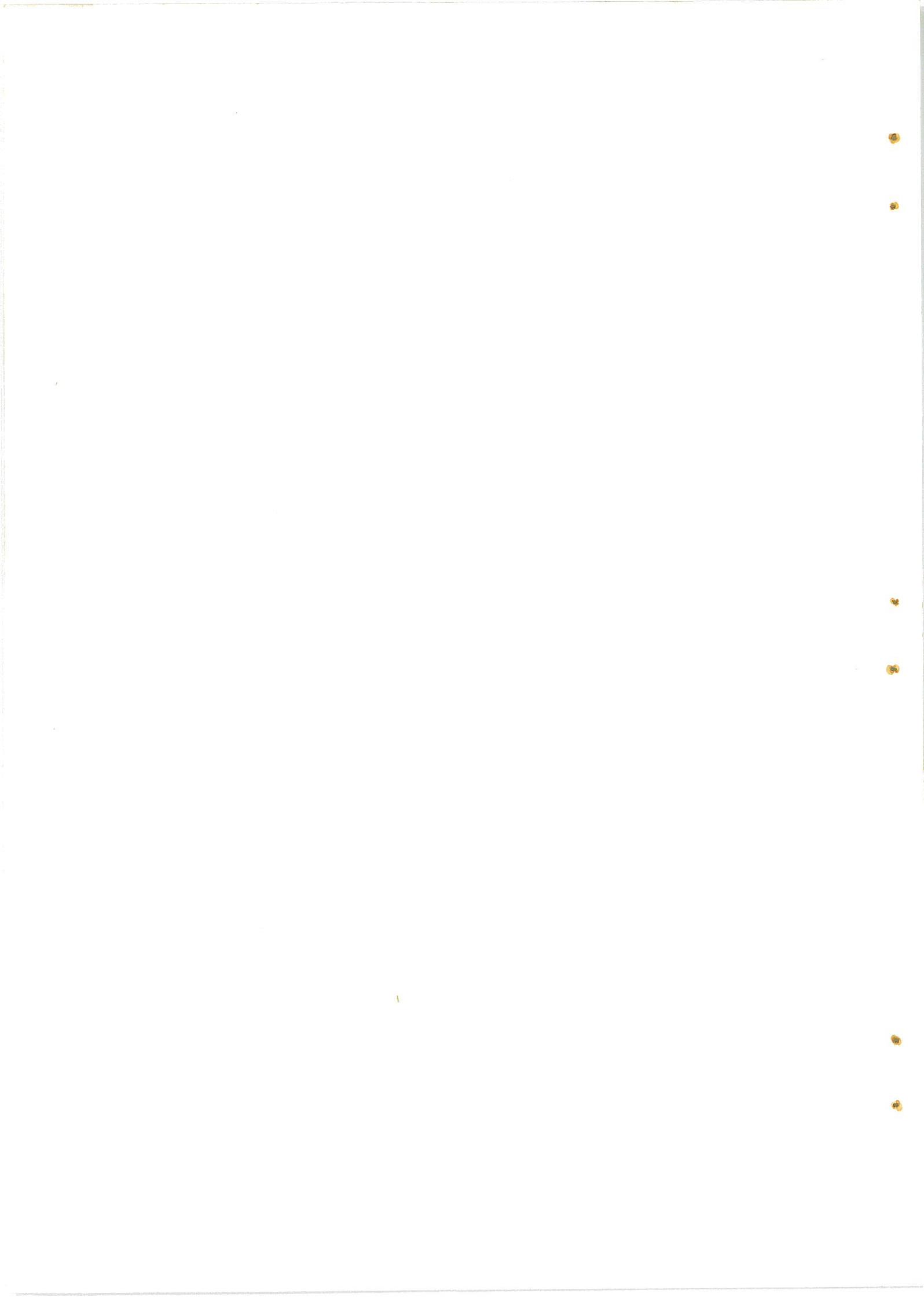
SC-IP Scattered Crops in Parcels  
 MH-CCG Minor Households - Crops Currently Growing  
 CIP-P&H Crops in Parcels - Planted and Harvested

Table 71: Summary of Number of Plants by Type of Crop and Method of Planting

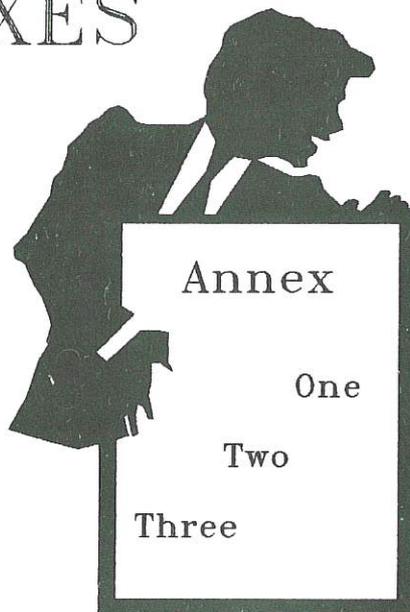
| Type of Crop           | Crops Growing at the Time of the Census |       |        |        |          | Crops Planted and Harvested in the 12 Months Preceding the Census |         |         |          | TOTAL |
|------------------------|-----------------------------------------|-------|--------|--------|----------|-------------------------------------------------------------------|---------|---------|----------|-------|
|                        | CIP-OTS                                 | SC-IP | SC-OP  | MH-CCG | Total    | MH-CH                                                             | CIP-PH  | Total   |          |       |
| Avocado                | 169                                     | 810   | 1416   | 135    | 2530     | -                                                                 | -       | -       | 2530     |       |
| Banana-Cavendish       | 160200                                  | 4424  | 4421   | 1270   | 170315   | -                                                                 | -       | -       | 170315   |       |
| Banana-Ladyfinger      | 17007                                   | 3102  | 6318   | 1015   | 27442    | -                                                                 | -       | -       | 27442    |       |
| Banana-Plantain        | 14770                                   | 2945  | 5183   | 531    | 23429    | -                                                                 | -       | -       | 23429    |       |
| Bean-Export            | 319650                                  | 10    | 200    | 35     | 319895   | 6                                                                 | 362344  | 362350  | 682245   |       |
| Breadfruit             | 131                                     | 1027  | 287    | 287    | 4417     | -                                                                 | -       | -       | 4417     |       |
| Cabbage-European       | 74187                                   | 280   | 2972   | 228    | 74725    | 92                                                                | 107366  | 107458  | 182183   |       |
| Capiscum               | 23470                                   | 311   | 94     | 20     | 23895    | -                                                                 | 23464   | 23464   | 47359    |       |
| Cassava                | 2631721                                 | 2106  | 4065   | 5934   | 2643826  | 816                                                               | 1186184 | 1187000 | 3830826  |       |
| Chestnut               | 194                                     | 1168  | 1444   | 21     | 2827     | -                                                                 | -       | -       | 2827     |       |
| Chilli                 | 3600                                    | 1816  | 2155   | 20     | 7591     | -                                                                 | 1500    | 1500    | 9091     |       |
| Citrus-Orange          | 59665                                   | 1338  | 1071   | 149    | 62223    | -                                                                 | -       | -       | 62223    |       |
| Coconut                | 188169                                  | 23274 | 39029  | 3081   | 253553   | -                                                                 | -       | -       | 253553   |       |
| Coffee                 | 24755                                   | 131   | 144    | 5      | 25035    | -                                                                 | -       | -       | 25035    |       |
| Kumara                 | 622372                                  | 1185  | 191    | 2407   | 625155   | 315                                                               | 465939  | 466254  | 1091409  |       |
| Mango                  | 632                                     | 3202  | 6084   | 424    | 10342    | -                                                                 | -       | -       | 10342    |       |
| Melon-Water            | 69828                                   | 95    | -      | -      | 69923    | -                                                                 | 56070   | 56070   | 125993   |       |
| Pawpaw-Solo            | 116055                                  | 925   | 1385   | 136    | 118501   | -                                                                 | -       | -       | 118501   |       |
| Pineapple              | 1586904                                 | 113   | 1058   | -      | 1588075  | -                                                                 | -       | -       | 1588075  |       |
| Puraka                 | 103606                                  | 3363  | 2170   | 445    | 109584   | 95                                                                | 4630    | 4725    | 114309   |       |
| Taro-dry               | 250253                                  | 590   | 826    | 1207   | 252876   | 10                                                                | 91715   | 91725   | 344601   |       |
| Taro-wet, flooded      | 943693                                  | -     | 516    | 1358   | 945567   | 60                                                                | 369540  | 369600  | 1315167  |       |
| Taro-wet, raised       | 1533452                                 | 39    | 711    | 9422   | 1543624  | 2848                                                              | 553534  | 556382  | 2100006  |       |
| Taru                   | 570405                                  | 1192  | 477    | 465    | 572539   | -                                                                 | 288521  | 288521  | 861060   |       |
| Tomato                 | 209193                                  | 960   | 453    | 932    | 211538   | 80                                                                | 246980  | 247060  | 458598   |       |
| Vanilla                | 7057                                    | 26    | 27     | 400    | 7510     | -                                                                 | -       | -       | 7510     |       |
| Other root crops       | 182200                                  | 1223  | 642    | 243    | 184308   | 15                                                                | 122745  | 122760  | 307068   |       |
| Other tree crops       | 16951                                   | 5662  | 11689  | 1002   | 35304    | -                                                                 | -       | -       | 35304    |       |
| Other vegetable crops  | 270248                                  | 4456  | 3054   | 1983   | 279741   | 90                                                                | 103224  | 103314  | 383055   |       |
| Other crops-Not stated | 6440                                    | 1043  | 4569   | 422    | 12474    | -                                                                 | 4600    | 4600    | 17074    |       |
| All Crops              | 10005977                                | 66816 | 102394 | 33577  | 10208764 | 4427                                                              | 3988356 | 3992783 | 14201547 |       |

CIP-OTS Crops in Parcels Other Than Scattered Crops  
 SC-OP Scattered Crops Outside Parcels  
 MH-CH Minor Households - Crops Already Harvested

SC-IP Scattered Crops in Parcels  
 MH-CCG Minor Households - Crops Currently Growing  
 CIP-PH Crops in Parcels - Planted and Harvested



# ANNEXES



Annex

One

Two

Three



**ANNEX 1**

**COOK ISLANDS CENSUS OF AGRICULTURE 1988**

**HOUSEHOLD FORM**

Confidential

Census District:    
Enumeration Area:   
Household Number:

Head of Household: .....  
Enumerator: .....  
Date of Interview: .... /.... / 88

**Q1. LEVEL OF AGRICULTURAL ACTIVITY OF THE HOUSEHOLD (tick box(es)):**

(a) Do you, or any other member of this household, grow any garden crops, coconuts, bananas or other tree crops?

↓  YES                      NO                        1                      ==>> GO TO Q4

(b) Do you have more than 1/8 acre (25 yds x 25 yds) of land under garden crops OR more than 10 coconut OR banana OR other tree crops?

↓  YES                      NO                        2                      ==>> GO TO Q3

(c) Do you sell any vegetables, fruits, copra or other agricultural produce?

↓  YES                      NO                        3                      ==>> GO TO Q2

(d) Do you produce vegetable or fruit crops primarily for sale/export?

↓  YES                      NO                        4                      ==>> GO TO Q2

(e) Do you, or any other member of this household, work full-time on these agricultural activities?

6                      YES                      NO                        5

====>>>====>>>====>>>====>>> GO TO Q2

**Q2. 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)* | Number of Separate Parcels |        | Total Area (acres) |
|----------------|-------------------------|----------------------------|--------|--------------------|
|                |                         | In Use                     | Fallow |                    |
|                |                         |                            |        |                    |
|                |                         |                            |        |                    |
|                |                         |                            |        |                    |
|                |                         |                            |        |                    |
|                |                         |                            |        |                    |

\* Heads of households in the case of individual household operations or names of individual members if partnership or group operation - CIRCLE the respondent to be used for each holding IF more than one operator.

NOW SKIP Q3 ----->>>----->>>----->>> GO TO Q4

**Q3. List the CROPS currently growing and/or planted AND harvested during the last 12 months by type. Estimate the area of each crop in sq yds OR the number of trees/plants:**

| Current Crop | Code | Area OR Number Sq yds | Harvested Crop | Code | Area OR Number Sq yds |
|--------------|------|-----------------------|----------------|------|-----------------------|
|              |      |                       |                |      |                       |
|              |      |                       |                |      |                       |
|              |      |                       |                |      |                       |
|              |      |                       |                |      |                       |
|              |      |                       |                |      |                       |

**Q4. LAND NOT IN USE - Give details of all parcels of land, that are currently NOT IN USE but are potentially suitable for agricultural purposes, that the household has tenure of:**

| Location (district) | Code | Area (acres) | Years Unused | Land Tenure | Number of Households with Tenure |
|---------------------|------|--------------|--------------|-------------|----------------------------------|
|                     |      |              |              |             |                                  |
|                     |      |              |              |             |                                  |
|                     |      |              |              |             |                                  |
|                     |      |              |              |             |                                  |
|                     |      |              |              |             |                                  |

Q5. LAND NOT IN USE BELONGING TO PERSONS LIVING OVERSEAS - Give details of all parcels of land NOT IN USE but potentially suitable for agricultural purposes, that the household has no tenure of but is looking after for persons currently living overseas:

| Location (district) | Code | Area (acres) | Number of Households Looking After this Land | Years Unused |
|---------------------|------|--------------|----------------------------------------------|--------------|
|                     |      |              |                                              |              |
|                     |      |              |                                              |              |
|                     |      |              |                                              |              |
|                     |      |              |                                              |              |

Q6. Does the household have any LIVESTOCK? YES  1 NO  2

If YES:

|      | Number |
|------|--------|
| Pigs |        |
| Sows |        |

|       | Number |
|-------|--------|
| Goats |        |
| Does  |        |

|        |  |
|--------|--|
| Cattle |  |
| Cows   |  |

|        |  |
|--------|--|
| Horses |  |
| Mares  |  |

|          |  |
|----------|--|
| Chickens |  |
|----------|--|

Q7. Average CONSUMPTION of COCONUTS:

|                                           | Daily | OR | Weekly |
|-------------------------------------------|-------|----|--------|
| Number of Nuts Used for Human Consumption |       |    |        |
| Number of Nuts Used for Feeding Animals   |       |    |        |

For Household Categories 1 & 2 (see Q1), the questionnaire is now **FINISHED**

Q8. Household Composition:

| Age Group   | Male | Female | Total |
|-------------|------|--------|-------|
| Under 10    |      |        |       |
| 10 and over |      |        |       |
| Total       |      |        |       |

Q9. Persons, aged 10 years and over, working on the holding(s) in an UNPAID capacity in the LAST MONTH:

| NO. | Sex (M/F) | Status (0/1) | Age | Average Hours Per Week | Paid Job (check boxes) |           | Code |
|-----|-----------|--------------|-----|------------------------|------------------------|-----------|------|
|     |           |              |     |                        | Full-time              | Part-time |      |
|     |           |              |     |                        |                        |           |      |
|     |           |              |     |                        |                        |           |      |
|     |           |              |     |                        |                        |           |      |
|     |           |              |     |                        |                        |           |      |
|     |           |              |     |                        |                        |           |      |
|     |           |              |     |                        |                        |           |      |

Q10. Proportion of household's TOTAL INCOME (cash or kind) usually derived from agricultural activities (circle ONE):

NONE    1/4    1/2    3/4    ALL    Code

Q11. LOANS directly related to the household's agricultural activities:

Development Bank     1    OTHER     3    Not Stated     9  
 EDF     2    NO Loan     8

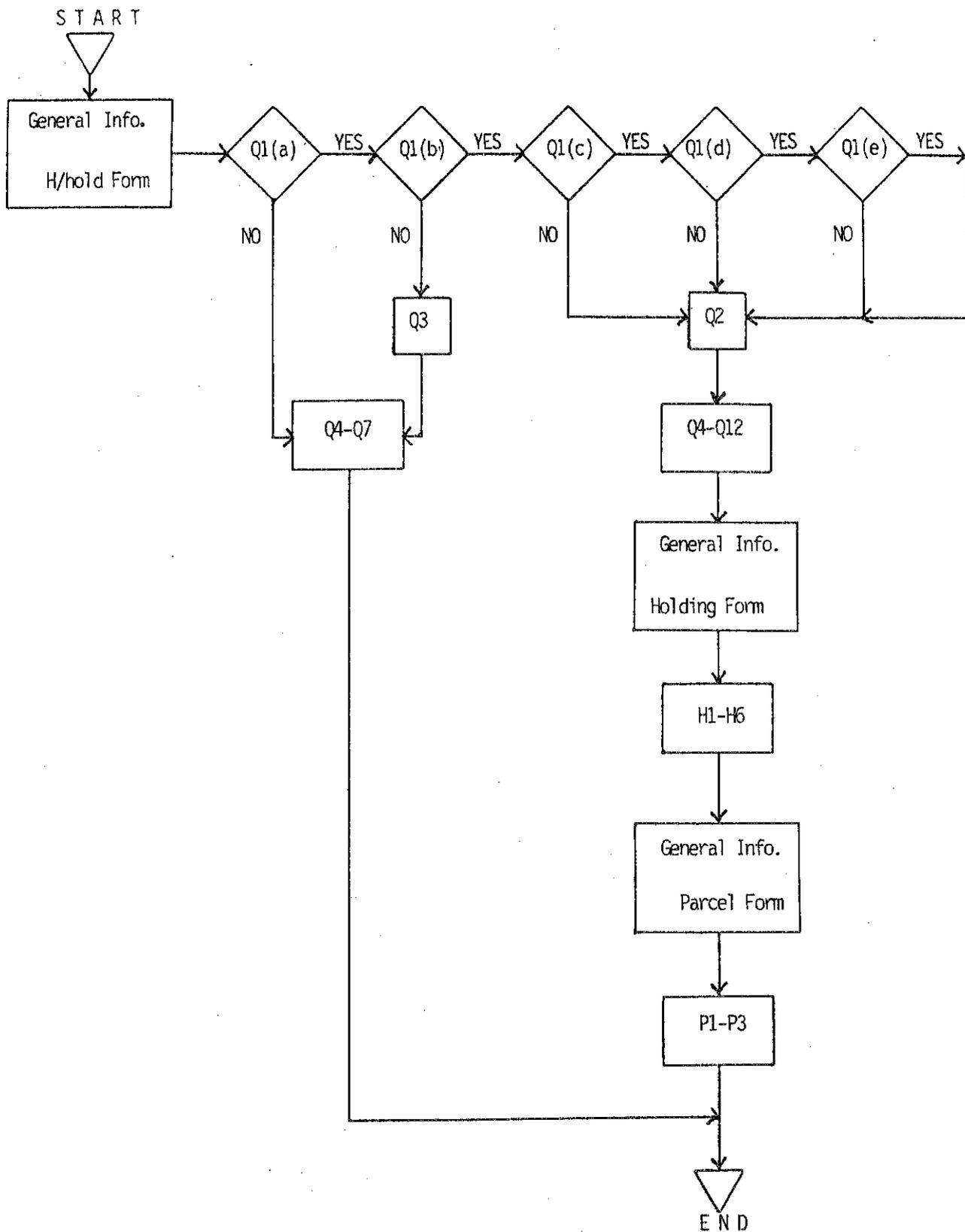
Q12. EQUIPMENT IN OPERATIONAL CONDITION used primarily for agricultural production during the last 12 months:

| Type of Equipment   | Number Owned | Hired Y/N | Borrowed Y/N |
|---------------------|--------------|-----------|--------------|
| Digging spade       |              |           |              |
| Digging fork        |              |           |              |
| Shovel              |              |           |              |
| Bush knife          |              |           |              |
| Axe                 |              |           |              |
| Tractor             |              |           |              |
| Vehicle             |              |           |              |
| Rotovator           |              |           |              |
| Slasher             |              |           |              |
| Weed eater          |              |           |              |
| Chainsaw            |              |           |              |
| Water pump          |              |           |              |
| Sprayer: Manual     |              |           |              |
| Motor               |              |           |              |
| Copra Drier: Sundry |              |           |              |
| Ceylon type         |              |           |              |
| One man kiln        |              |           |              |
| Other:              |              |           |              |
|                     |              |           |              |
|                     |              |           |              |
|                     |              |           |              |
|                     |              |           |              |
|                     |              |           |              |
|                     |              |           |              |
|                     |              |           |              |





FLOW CHART - FILLING IN OF QUESTIONNAIRE





**ANNEX 2****Density of Selected Crops Used in the Estimation of Single  
Crop Equivalent Areas - Number of Plants/Trees Per Acre**

| <b>Crop Type</b>    | <b>Number of Plants/Trees<br/>Per Acre</b> |
|---------------------|--------------------------------------------|
| Avocado             | 41                                         |
| Banana - Cavendish  | 833                                        |
| Banana - Ladyfinger | 833                                        |
| Banana - Plantain   | 833                                        |
| Bean - Export       | 27,000                                     |
| Breadfruit          | 41                                         |
| Cabbage - European  | 10,125                                     |
| Capsicum            | 10,125                                     |
| Cassava             | 8,100                                      |
| Chestnut            | 41                                         |
| Chilli              | 833                                        |
| Citrus - Orange     | 170                                        |
| Coconut             | 76                                         |
| Coffee              | 405                                        |
| Kumara              | 8,100                                      |
| Mango               | 41                                         |
| Melon - Water       | 1,095                                      |
| Pawpaw - Solo       | 833                                        |
| Pineapple           | 10,800                                     |
| Puraka              | 8,100                                      |
| Taro - Dry          | 8,100                                      |
| Taro - Wet, flooded | 8,100                                      |
| Taro - Wet, raised  | 8,100                                      |
| Tarua               | 8,100                                      |
| Tomato              | 10,125                                     |
| Vanilla             | 405                                        |

*Source: Ministry of Agriculture*

ANNEX 3

Census Supervisors followed by their Enumerators

**RAROTONGA:**

Pue - Matavera

1. *Tinirau Tamarua*
2. *Elizabeth Tupa*
3. *Tanga Tutai*
4. *Dean Methusela*

Tupapa - Maraerenga

5. *Tepua Tetava*
6. *Tapita Teokotai*
7. *Tarita Savage*
8. *Rua Raitia*

Takuvaine-Parekura

Tutakimoa-Teotue

9. *Tapuni Parutua*
10. *George Paniani*
11. *Nga Akama*
12. *Raina Peniata*
13. *Pokipoki Solomon*
14. *Matere Solomon*
15. *Tuku Tereva*
16. *Vainiu Savage*
17. *Tearoa Iorangi*

Avatiu-Ruatonga

18. *Ngatoko Ngatoko*
19. *Mereani Tangata*
20. *Mii Tarapu*
21. *Tekura Turitoa*
22. *Pokoina Matara*
23. *Vaine Tua*
24. *Teariki Rauru*

Nikao-Panama

25. *Taukea Raui*
26. *Putangi Mose*
27. *Uta Mgaoire*
28. *Moeroa Tuaine*
29. *Anthony Turua*

Arorangi-Ruaau

30. *Tiara Mataora*
31. *Nga Jessie*
32. *Tearoa Mouauri*
33. *Moetu Tangi*

34. *Nooroa Rangi*
35. *Andrew Teaurima*

Arorangi-Murienua

36. *Richard Nooroa*
37. *Pare Rongokea*
38. *Tutu Tarai*
39. *Munokoa Pepe*
40. *Penese Poila*
41. *Poo Tai*
42. *Paepaerei Pauka*
43. *Shirley Mataroa*

Titikaveka

44. *William Wigmore*
45. *Poona Samuel*
46. *Moe Tutira*
47. *James Hosking*
48. *Ngametua Kino*
49. *Ina Temata*
50. *Peter Numanga*
51. *Makiroa Ben*
52. *Walter Marearai*

Ngatangia

53. *Brian Tairea*
54. *Ake Makimou*
55. *Joe Kaveao*
56. *Lillian Mato*
57. *Tara Tairea*
58. *Tereinga Maoate*

Matavera

59. *Nooroa Tokari*
60. *Nganga Enu*
61. *Tungane Williams*
62. *Ngatokorua Teariki*
63. *Madeline Tokari*
64. *Teokotai Taramai*

AITUTAKI

65. *Sabati Solomon*
66. *Nooroa Ioane*
67. *Pitonga Tomnsend*
68. *George George*
69. *Tukumate Riki*
70. *Teina Tetevano*
71. *William Rota*

72. Taamo Taamo
73. David Terepai
74. Ina Maramatoa
75. Miianau Mose

MAUKE

76. Noomaunga Aiturau
77. Tuaine Tipuia
78. Teariki Enuā
79. Kamire Ngametua
80. Kamoe Aiturau

ATIU

81. Kapao Kapao
82. Tupu Mataki
83. Maara Tairi
84. Teura Maka Kea
85. Teata Bob

MANGAIA

86. Atingakau Tangatakino
87. Teretaiti Teretaiti
88. Ngai Atarangi
89. Daniel Daniel
90. Tautu Mokoha
91. Mii Arima
92. Ngarangi Tuakana
93. Atetu Atetu

MITIARO

94. Matori Tuakana

PALMERSTON

95. George Marsters

PUKAPUKA

96. Paulo Paulo
97. Makirere Poila

MANIHIKI

98. Tuakana Ripata
99. Teati Mokoroa

RAKAHANGA

100. Toko Makira
101. Faiteru Makira

102. Totoo Setephano

PENRHYN

103. Andrew Vaeau
104. Tepaitau Rassmussen
105. Vananga Andrew

NASSAU

106. Topetai Neiao

DATA ENTRY CLERKS

1. Grace Tangaroa
2. Ina Maramatoa
3. Lucy Rakei
4. Ruta Tuka
5. Vaoesea Tonu'u \*
6. Faalogoifo Potifala \*

\* These two Data Entry Clerks are Samoans who attended the three week Data Entry & Processing training conducted in Rarotonga during Sept. & Oct. 1988.

