

Rarotonga

Household Income and Expenditure

Survey (HIES)

1998

PREFACE

This report covers the result of the Rarotonga Household Income and Expenditure Survey (HIES) conducted in 1998. The Rarotonga HIES was intended to be published with that of the outer islands but unfortunately the data processing for the Southern Group and data collection for the Northern Group islands is not yet completed due to some delays in receiving funding. Funding and technical assistance for this survey is drawn from the United Nations Development Programme for the Cook Islands through the UNDP Poverty Strategies Initiatives (PSI) trust fund.

The publication of this report represents a further step by the Statistics Office in its attempt to provide a wider range of statistics for use by government and the public.

This report would not have materialised without the effort of the enumerators who had the tough task of collecting information from individual households and also to the staff of Statistics. Thanks also to Ms Michelle Pierre who was responsible for the overall co-ordination of the HIES. Special mention should be made of Ms Kim Robertson of the Statistics Programme of the Secretariat of the Pacific Community (SPC) who provided technical assistance.

Taggy Tangimetua

Government Statistician

STANDARDS

Source

All data in this report is compiled by the Statistics Office except where otherwise stated. Any table or material maybe reproduced and published provided that acknowledgement is made of the source.

Symbols

The following symbols have been used in this report and should be interpreted as follows:

- nil or zero
- .. not applicable
- ... not available
- too small to be disclosed

Values

All values are in New Zealand dollars except where otherwise stated.

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CONTENTS

SURVEY OVERVIEW	1
Background	1
Scope and Coverage.....	1
Reference Period.....	1
Objectives	2
<i>Specific objectives for Statistics</i>	2
<i>Other users objectives</i>	2
Survey Response	3
Questionnaire	3
Fieldwork	3
SURVEY RESULTS.....	4
HOUSEHOLD EXPENDITURE.....	4
<i>Expenditure Defined</i>	4
<i>Under Reporting</i>	4
<i>Food Expenditure</i>	4
<i>Transport</i>	4
<i>Other expenditure groups</i>	5
<i>Expenditure patterns</i>	5
<i>Consumption of home produced Items</i>	6
HOUSEHOLD INCOME.....	7
<i>Income Defined</i>	7
<i>Income Patterns</i>	7
TIME USE SURVEY (TUS)	8
<i>Background</i>	8
<i>Objectives</i>	8
<i>Questionnaire</i>	8
<i>Categories</i>	9
<i>Paid Activities</i>	9
<i>Unpaid/other Activities</i>	9
<i>Grossing up</i>	10
<i>Simultaneous activities</i>	10
<i>Gender differences in time use</i>	10
<i>Age Groups</i>	11
<i>Future analysis</i>	11
TABLES.....	12

SURVEY OVERVIEW

Background The result of the HIES provides major indicators of the economic health of a nation and the well being of its people. Cook Islands residents (as opposed to businesses, government or tourists) consume a significant proportion of goods and services available for final demand in the Cook Islands. Changes in consumer and household spending patterns reflect changes in the economy and in individual and social behaviour.

The overall level of activity in the economy is closely allied with domestic consumer activity. Two key factors determine the ability of individuals to consume goods and services. These are the availability of goods and services to the consumer, and the consumer having the means to get them. Among the factors influencing spending patterns are changes in government policies, incomes levels, consumer preferences, the types of goods and services available in the economy, and household and family structures.

The primary means for getting goods and services is by cash expenditure, obtaining credit or exchanging other goods or services. Production for own use, and gifts from friends and relatives, are also important ways of getting consumable items.

Scope and Coverage The Household Income and Expenditure Survey (HIES) covers all private, resident households and collects a wide range of demographic and income information, as well as a fine level of detail on the expenditures of households. Included in the HIES is a Time Use Survey which had its own set of objectives and user needs.

A 15% sample of all dwellings was selected, based on the list of dwellings used in the 1996 Census of Population and Dwellings subsequently updated in 1997. The survey covered all private dwellings irrespective of size and the composition, its occupants and of the residential status of its members.

Reference Period Ideally the fieldwork for an income and expenditure survey should be spread out over a period of 12 months to take into account of any seasonal variations in expenditure in particular items such as fruits and vegetables. However it was felt that it might be difficult to maintain interviewer and respondent participation for the survey over such a long period and not to mention the cost involved.

Households in the sample were asked to provide information over just a two-week period. The sample was divided in four groups as indicated in figure 1.

Figure 1: Organisation of fieldwork

Group	Week				
	1	2	3	4	5
1	■				
2		■			
3			■		
4				■	

The main advantage of spreading the fieldwork out over this longer period was that it ensured that the overall expenditure data referred to a full four-week period (week 1 being equivalent to week 5), which should help eliminate any distortions which might have arisen within a month. For instance the monthly payment of rent or telephone bills or the monthly bulk purchases of food items.

Different reference periods were used for different items. Detailed information on daily purchases by all household members was collected over a two-week period for each household, while information on items purchased infrequently (e.g annual licenses, insurance premium, consumer durable, etc.) were collected in respect of a 12 months period.

In the case of income, attempts were made to obtain data on an annual basis but was found that respondents often provide data in respect of a shorter time periods e.g. fortnightly pay.

Objectives The objectives of the Household Income and Expenditure Survey (HIES) are as follows:

Specific objectives for Statistics

- To provide information on the distribution of income and expenditure within the Cook Islands to use for national accounts statistics, such as Gross Domestic Product (GDP).
- To revise the cost of the basket of goods and services that the household purchase (that is review the Consumer Price Index).
- Estimate the value of subsistence activities and other unpaid work by the household.
- To provide information on the level of men and women's participation in economic activities.

Other users objectives

- Target Marketing
- Government Tax impact
- Government Income support policy

Survey Response A total of 428 households were randomly selected from 2569 households to participate in the survey. Only 376 were eligible with the overall response rate of 98%.

It should be noted that as the data reported here is based on sample surveys, it is subject to sampling and non-sampling errors.

Questionnaire Six types of questionnaires were used for this survey:

Form A: Field Control sheet - this is to indicate households to be contacted by enumerators, and to record all visits made by the enumerator.

Form B: Household Control Sheet - provides details of the household members (age, sex, relationship activity status, etc).

Form C: Time Use Survey Sheet – includes a list of 14 activities and time intervals for all persons over the age of 15 years for 3 days (one weekday and Saturday and Sunday).

Form D: Weekly Diary - two books are given to each household. This consists of sections for items bought, home consumption of own produce, gifts of cash and goods given and received by the household.

Form E: Income Questionnaire - consist of six sections requesting information on various types or sources of income.

Form F: Expenditure Questionnaire - consist of sixteen sections on various expenditure items. Questions in this section relate to expenditure that exceeds \$200 or items of durable nature.

Fieldwork The overall organisation and control of the HIES was carried out under the Statistics Act 1966, under the authority of the Government Statistician. The Government Statistician appointed supervisors for each Census District surveyed. Supervisors in turn appointed enumerators for their areas.

A list of households was provided to each enumerator which they asked to record their daily expenditure plus their annual income and expenditure.

A detailed instruction manual for Supervisors and Enumerators was developed, including the Interviewer's Control Sheet and Field Book.

SURVEY RESULTS

Household expenditure

Expenditure Defined Household expenditure is defined as expenditure on goods and services; home produce (goods and products such as handicrafts); cash and goods given as gifts; and major household purchases from the expenditure questionnaire. Expenditure was collected by 12-month recall (generally for major payments of \$200 or more); latest payment (for regular commitments such as telephone, electricity, insurance, rent, mortgage interest payments); and 14-day diary keeping.

This variety of collection methods has been found to produce reliable estimates of average expenditure for large groups of households, but is not meant to provide an accurate account of an individual household's actual annual expenditure. Appropriate factors were used to rate up the data to annual amounts.

Under Reporting Experience has shown that certain expenditure items are not well represented in HIES data. These items include alcohol and tobacco, meals taken away from home, confectionery, ice cream and beverages. Import data confirm this (although the extent of the under reporting will not be known until the full HIES is completed).

The main reason why confectionery, ice cream and beverages are under reported is because typically children are responsible for this expenditure, which gets recorded as the actual item, pocket money or not at all as children do not generally participate in the diary keeping. [Note that in the Household expenditure, information reported or recorded by households is given without adjustment for under reporting].

Food Expenditure Spending on food continues to make up the largest proportion of Rarotonga household expenditure but this shows a significant decline from 40.3% in 1986 to 29.54% in 1998. A decline in the household size could be a factor contributing to the decline in food expenditure and another possibility is that the items could be cheaper because of reduction in tariff charges.

Over 19% of food expenditure was on meat and meat products followed by bread and biscuits with 16.01% (equivalent to 5.61% and 4.73% respectively of total expenditure).

Transport The next largest expenditure was transport with 21.75% of total expenditure, showing an increase from 15.7% in 1986. Personal transport made up 43.29% of transport expenditure (9.42% of total expenditure). This is not surprising, as the enormity of vehicles on

the island is apparent. Other statistics such as motor vehicle registration and import statistics also indicates an increasing number of vehicles on the island.

This was followed by external travel of 19.51% of transport expenditure (4.24% of the total showing Cook Islanders love of travelling. This travel does not reflect travel funded by government or international agencies.

Other expenditure groups

Spending on Household operation i.e household furnitures, appliances, supplies stood at 17.60% of total expenditure. Housing group was 16.93%. Housing group comprises mostly of rental payments, insurances and house mortgages.

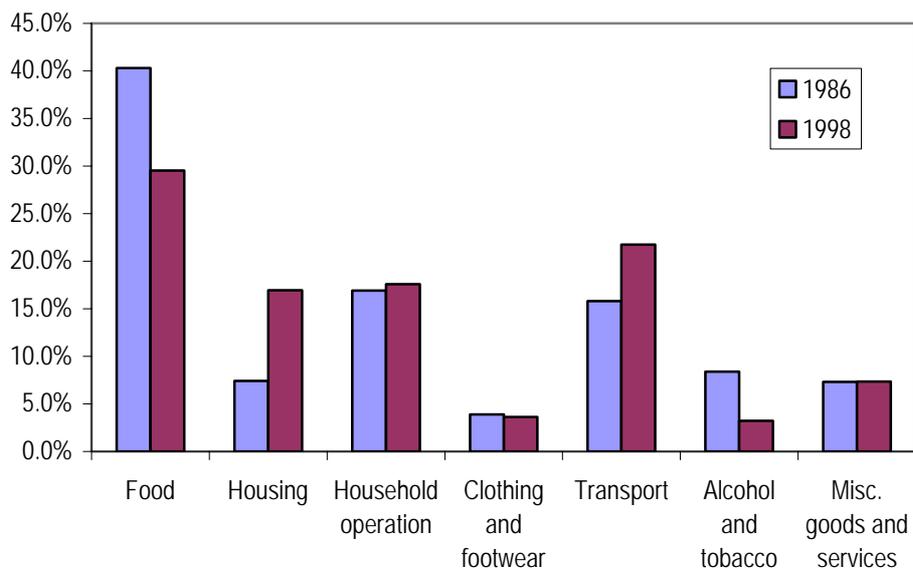
Miscellaneous goods and services was 12.5% of household expenditure. Spending on clothing has also declined when compared to the 1986 HIES, this could be the due to the relatively lower prices.

Home computer purchases is a notable feature of this survey as this item is increasingly becoming a popular household equipment along with stereo equipments, microwave, etc..

Expenditure patterns

Average weekly expenditure has risen since the last HIES in 1986 from \$263.06 to \$397.00 in 1998. Figure 2 shows household expenditure by group as a proportion of total household expenditure for 1986 and 1998. Of particular note is the increase in Housing and Transport groups and the decrease in clothing and footwear.

Figure 2: Household expenditure pattern by type 1986 and 1998



Please note: In 1986 there was no 'gifts, loans and credit scheme payments' group and this has been excluded from the 1998 total.

The household expenditure on some items during the household's diary keeping may not well be the typical average fortnightly expenditure on such items. Expenditures such as electricity and toll call bills are based on its latest monthly accounts and these can be untypical of the annual expenditure.

Expenditures such as interest on loans for it's full term (taken out during the 12 months) is allocated to the household during the year of the survey.

Consumption of home produced Items

A great majority of the household in the Cook Islands consumes fruits, vegetables or meat taken from own gardens or fish caught by the household. Estimated annual consumption of home produced items for Rarotonga was \$2.959 million a decline of over \$100,000 per annum.

The level of home consumption of fish is very high, 20.5% of total home consumption followed by taro with 19.6%.

Table 3 provides estimated values of the annual value of household consumption of a range of home produced items. The values used for obtaining these figures were estimated retail price.

Table 1: Comparison of Annual Value of Household Consumption of home produced Goods 1986 & 1998

Items	1986		1998	
	\$	% contribution	\$	% contribution
Fruits	829,000	26.88	592,700	19.98
Vegetables	1,274,000	41.31	1,307,100	44.07
Meat and meat products	315,000	10.21	294,600	9.93
Poultry	50,000	1.62	75,600	2.55
Fish including shellfish	586,000	19.00	655,900	22.11
Farm products, fats and oils	30,000	0.97	27,200	0.92
Other foods	-	-	6,100	0.21
Handicraft	-	-	7,000	0.24

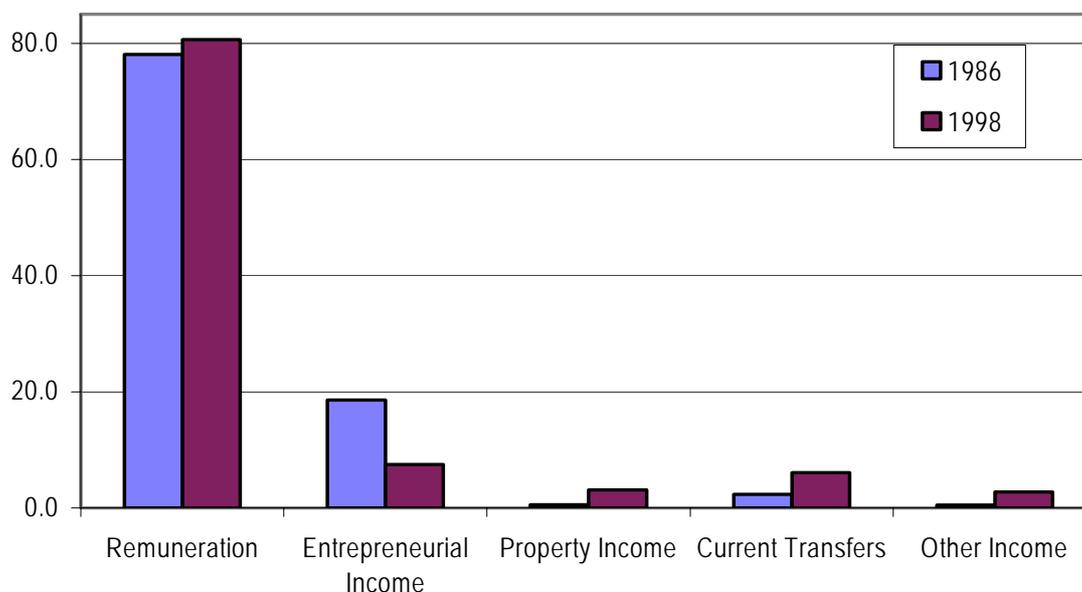
Household Income

Income Defined Household income is defined as any sum of cash or payment in kind received over the previous 12 months. Income was collected from the Income questionnaire, completed by all economically active persons aged 15 years and over. Income from all sources was collected including:

1. Wages and salary
2. Own plantation and business
3. Previous jobs in the last 12 months
4. Services to other private households
5. Welfare benefits
6. Other income (*rent, honoraria, dividends, matrimonial*)
7. Cash received
8. The value of goods received
9. Consumption of home produced goods (*note that this is both an income and an expenditure*)

Income Patterns Comparison of income on these groups over the last HIES survey provides a broad measure of income patterns and how they change. Figure 3 shows income by group as a proportion (percentage) of total household income for 1986 and 1998.

Figure 3: Household Income pattern by source 1986 and 1998



Rarotonga total annual household income (available) increased from \$24.539 million in 1986 to \$57.981 million in 1998.

The largest source of income comes from remuneration in particular wages and salaries of over 80% and 6% from welfare benefits and remittances. Average gross income from salaries and wages was \$51.37 million in Rarotonga.

Only regular income and some irregular incomes are surveyed. Money obtained by way of loan to pay off a large expenditure item is not recorded as income for the household. Examples of irregular income are inheritances, lump sum life insurance and superannuation.

Other monies received in previous period and accumulated, as savings are not recorded as income but can be used to purchase goods or services during the survey period.

Time Use Survey (TUS)

Background

Time Use Surveys (TUS) provide information on what people do with their time, what proportion of time spent on economically productive activities, leisure pursuits, personal care, etc. While time use data is of great interest to social researchers, the drivers behind this study are the women's organisation and supported by the Women's Division of Internal Affairs. Other studies have been carried out, examining the role of women in households and within the community.

Objectives

The main objectives of the survey were:

- To provide information on subsistence economic activities and other unpaid work in the household
- To provide gender specific database to determine the level of men and women's participation in economic activities.

Other objectives:

- To determine whether significant differences in time use exist between different population groups
- To determine the proportionate allocation of time between different population groups
- To measure the amount of time people spend on various activities.

Questionnaire

A matrix type questionnaire was used to collect information on daily activities of all persons aged 15 years and over. Because of

the detailed nature of the matrix, respondents were asked to complete one for a weekday and separate ones for Saturday and Sunday. The hours from the week day sheet were then multiplied by five, and added to those from the weekend to get the total hours for the week.

Categories There were 14 categories for activities, ranging from personal care to paid labour force work. This was to allow for as much analysis of ‘general’ time use as possible, including the valuation of unpaid household work. The following summarises the response categories in terms of ‘paid’ (or rewarded through the sale or valuation of outputs) and ‘unpaid’ and ‘other’ activities:

Paid Activities

- Paid labour force work
- Unpaid worker in plantation or business
- Produced food for household consumption
- Produced goods for household consumption

Unpaid/other Activities

- Domestic Work
- Childcare & helping or caring for other household members
- Religious and church activities
- Education
- Personal care
- Social entertainment
- Sports and hobbies
- Community work
- Cultural group & other activities
- Free time activities

Table 2: No. of persons aged 15 years and over reporting to time-use activities

<i>Activity</i>	<i>Sex</i>		<i>Total</i>
	<i>Male</i>	<i>Female</i>	
Paid labour force work	2,174	1,734	3,908
Unpaid worker in plantation or business	623	340	963
Domestic work	2,840	3,226	6,066
Produced food for household consumption	1,576	994	2,570
Produced goods for household consumption	297	489	786
Childcare & helping or caring for other household members	700	1,527	2,226
Religious & church activities	1,695	1,991	3,686
Education	684	792	1,476
Personal care	3,531	3,407	6,938
Social entertainment	2,053	1,812	3,865
Sports & hobbies	1,406	1,097	2,502
Community work	320	322	642
Cultural group & other activities	395	449	844
Free time activities	3,368	3,287	6,655
Total	3,531	3,407	6,938

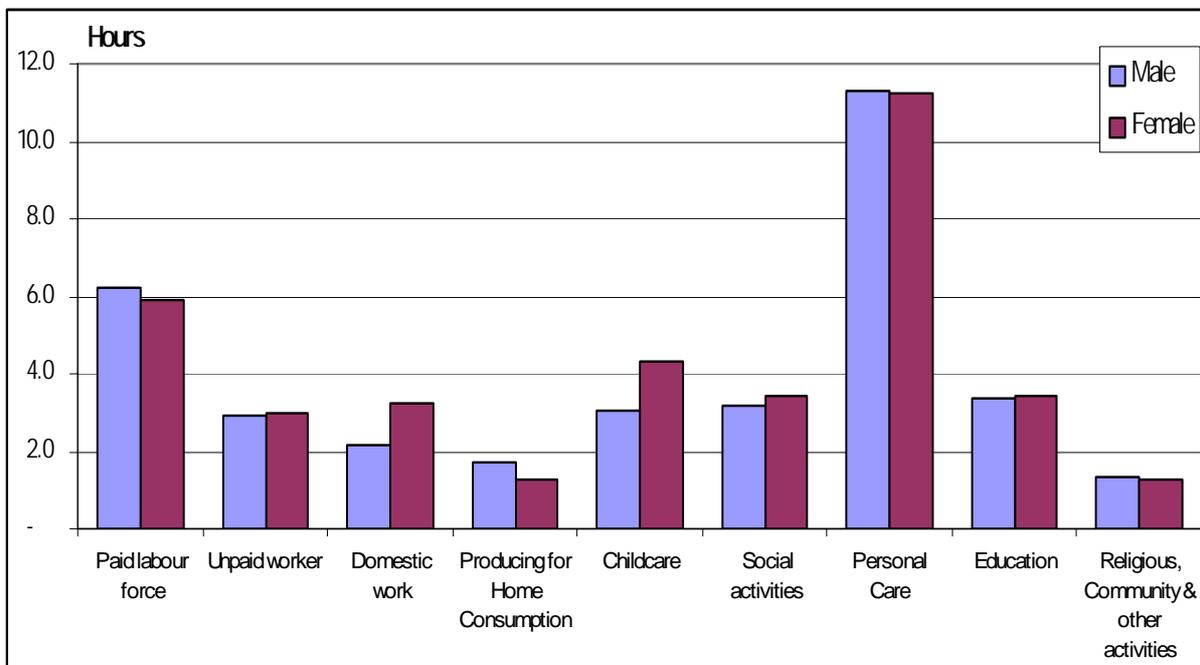
Grossing up

For general frequency distributions, the sum of the weights is used for the 'people' count, that is the sample have been multiplied by the grossing up factor (weights) in order to obtain estimates at the population level. If 'total hours' is being calculated, (say to value the hours in a particular activity), the hours in the activity have to be multiplied by the weights and these products aggregated. Week hours are based on 14 activities and 24-hour day.

Simultaneous activities

People can be engaged in several activities at the same time as when cooking a meal while listening to the radio and keeping an eye on the children, therefore total time use can be greater than total hours in the week (168) and greater than 24 hours per day.

Figure 4: Average hours spent per day on all activities by persons responding to time use activities



Gender differences in time use

There is no significant gender difference in time spent on any particular activity. Women spent slightly more time than men on child caring and caring for other household members. Domestic work is still the domain of women (*domestic work includes food preparation, housework, shopping and repairs to the house*) about 7 hours more per week, approximately 1 hour a day, than that of men.

Personal care including sleeping takes up nearly 80 hours per week of both men and women's time. There is 100% participation of both male and female in personal care activities, this is true because every person would have to sleep at some times. Ideally sleeping should have been a category on its own instead of being included in

personal care activity, as this may have caused overstating of this particular activity.

Nearly 80 hours per week is spent on physiological needs, that is sleeping, eating, bathing, dressing and other personal care. When combining all paid activities, it is found that men spent 2 hours more on paid activities than women.

Age Groups

When examining time use in terms of age group, it is clear that most 15-19 age group are full time students that is they spend over 40 hours on educational activities and 33 hours on free time activities. Overall an average of 24 hours a week is spent on educational activities. It is interesting to note that child caring and caring for other household members are evenly carried out by all age groups.

Participation in labour force activities is evenly spread amongst all age group. With particular interest are those in the 60 years and over age group, usually these group of people are classified as retired.

The classifications used in the survey are such that it was difficult to get exact information on issues such as differences of workload amongst members; whether the time spent on unpaid work is productively and efficiently used, etc. Other issues such as the proportions of time or amounts of time cannot be identified because of simultaneous activities.

Future analysis

Future analysis of time use activities will be completed and results published with that of the outer islands. These analyses may include the valuation of unpaid activities.

TABLES

Table 1: Rarotonga Average Weekly Household Cash Expenditure, Percentage Distribution of Expenditure, Number of Households Reporting Expenditure, Estimated Annual Expenditure of all Households, by Group and sub-group.

Table 2: Average Weekly Household Cash Expenditure, Percentage Distribution of Expenditure, Number of Households Reporting Expenditure, Estimated Annual Expenditure of all Households, by Group, sub-group and Item.

Table 3: Estimated Value of Household Consumption of Home Produced Items, Number of Households Reporting Items, Annual and Weekly Expenditure

Table 4: Average Weekly Household Income, Percentage Distribution of Income Number of Households Reporting Income, Estimated Annual Income of all Households, by Source.

Table 5: Average Weekly Hours spent on activities by Sex and Age Group

Table 1: Average Weekly Household Cash Expenditure, Percentage Distribution of Expenditure, Number of Households Reporting Expenditure, Estimated Annual Expenditure of all Households, by Group and sub-group.

Rarotonga, 1998						
Description of Group and Sub-group	Number of Households reporting Expenditure	Annual Expenditure of sample Households	Average Weekly Expenditure per sample Household	Annual Expenditure as a percentage of		Estimated Annual Expenditure of all Households
				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
FOOD	375	2,299,366	117.60	100.00	29.13	15,709,300
Fruits	215	88,444	7.89	3.85	1.12	604,200
Vegetables	322	200,784	11.96	8.73	2.54	1,371,800
Meat and meat products	354	436,641	23.66	18.99	5.53	2,983,100
Poultry	268	212,405	15.20	9.24	2.69	1,451,100
Fish including shellfish	308	170,517	10.62	7.42	2.16	1,165,000
Bread and Biscuits	371	368,057	19.03	16.01	4.66	2,514,600
Cereal and cereal products	307	71,386	4.46	3.10	0.90	487,700
Dairy & Milk products	308	147,002	9.15	6.39	1.86	1,004,300
Farm products, fats and oils	300	100,216	6.41	4.36	1.27	684,700
Non-alcoholic beverages	252	78,396	5.97	3.41	0.99	535,600
Confectionery	271	58,759	4.16	2.56	0.74	401,400
Other foods	321	133,969	8.00	5.83	1.70	915,300
Takeaways and food taken at eating places	226	232,788	19.76	10.12	2.95	1,590,400
HOUSING	259	1,317,350	97.55	100.00	16.69	9,000,100
Rents, mortgages, insurances, etc	111	634,210	109.58	48.14	8.03	4,332,900
Home Improvements	39	171,337	84.26	13.01	2.17	1,170,600
Housing Supplies	201	222,018	21.18	16.85	2.81	1,516,800
Construction of new dwellings	14	289,555	396.66	21.98	3.67	1,978,200
Hiring of Equipment	3	230	1.50	0.02	0.00	1,600
HOUSEHOLD OPERATION	375	1,369,882	70.06	100.00	17.35	9,359,000
Household Furnitures	94	98,577	20.11	7.20	1.25	673,500
Household Furnishings	146	45,855	6.02	3.35	0.58	313,300
Payment of Furnitures & furnishings	17	40,711	45.92	2.97	0.52	278,100
Household Appliances	193	286,838	28.50	20.94	3.63	1,959,700
Household equipment and utensils	71	13,085	3.53	0.96	0.17	89,400
Household supplies	293	112,060	7.34	8.18	1.42	765,600
Household services	322	343,536	20.46	25.08	4.35	2,347,000
Fuel and light	363	423,146	22.36	30.89	5.36	2,890,900
Payment of repairs	47	6,076	2.48	0.44	0.08	41,500
CLOTHING & FOOTWEAR	317	281,298	17.02	100.00	3.56	1,921,800
Clothing	307	214,122	13.38	76.12	2.71	1,462,900
Footwear	289	63,044	4.18	22.41	0.80	430,700
Methods of payments	22	4,132	3.60	1.47	0.05	28,200
TRANSPORT	325	1,693,038	99.91	100.00	21.45	11,566,800
Personal Transport	106	732,836	132.59	43.29	9.28	5,006,700
Loans on vehicles	35	201,272	110.29	11.89	2.55	1,375,100
Transport Equipment	167	46,222	5.31	2.73	0.59	315,800
Operation of Personal Transport	186	163,382	16.85	9.65	2.07	1,116,200
Transport Services & Repairs	144	69,071	9.20	4.08	0.87	471,900
Payment of equipment & services	6	9,528	30.46	0.56	0.12	65,100
Transport Hirage	60	62,900	20.10	3.71	0.80	429,700
Intenal travel	121	77,442	12.28	4.57	0.98	529,100
External travel	145	330,386	43.70	19.51	4.19	2,257,200

Table 1: Average Weekly Household Cash Expenditure, Percentage Distribution of Expenditure, Number of Households Reporting Expenditure, Estimated Annual Expenditure of all Households, by Group and sub-group.

Rarotonga, 1998						
Description of Group and Sub-group	Number of Households reporting Expenditure	Annual Expenditure of sample Households	Average Weekly Expenditure per sample Household	Annual Expenditure as a percentage of		Estimated Annual Expenditure of all Households
				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
TOBACCO & ALCOHOL	193	249,589	24.80	100.00	3.16	1,705,200
Tobacco	151	114,057	14.49	45.70	1.44	779,200
Alcohol	103	135,533	25.24	54.30	1.72	926,000
MISCELLANEOUS GOODS AND SERVICES	366	586,822	30.75	100.00	7.43	4,009,200
Medical, cosmetics and toiletries	286	70,239	4.71	11.97	0.89	479,900
Personal care, effects and services	10	4,114	7.89	0.70	0.05	28,100
Publications, stationery and office equipments	249	54,569	4.20	9.30	0.69	372,800
Health Services	262	45,303	3.32	7.72	0.57	309,500
Leisure and recreational goods	25	5,558	4.27	0.95	0.07	38,000
Educational services	196	52,875	5.17	9.01	0.67	361,200
Other goods	75	34,002	8.69	5.79	0.43	232,300
Leisure services	211	114,580	10.41	19.53	1.45	782,800
Payment of misc. services	161	79,461	9.47	13.54	1.01	542,900
Payment of misc. goods	216	126,122	11.20	21.49	1.60	861,700
CREDIT SCHEMES AND CHARGES	42	96,665	267.97	100.00	7.43	660,400
Loans and credits	32	84,505	50.64	15.45	1.07	577,300
Credit charges	42	12,160	5.55	2.22	0.15	83,100
TOTAL HOUSEHOLD CASH EXPENDITURE	376	7,894,011	402.66	--	100.00	53,931,900
OTHER EXPENDITURE OR SAVINGS	193	546,927	54.35	100.00	--	3,736,600
Personal benefit scheme	122	223,796	35.18	40.92	--	1,529,000
Miscellaneous payments	160	323,131	38.73	59.08	--	2,207,600

Table 2: Average Weekly Household Cash Expenditure, Percentage Distribution of Expenditure, Number of Households Reporting Expenditure, Estimated Annual Expenditure of all Households, by Group, sub-group and Item.

Rarotonga, 1998

Description of Group, Sub-group and Item	Number of Households reporting Expenditure	Annual Expenditure of sample Households	Average Weekly Expenditure per sample Household	Annual Expenditure as a percentage of		Estimated Annual Expenditure of all Households
				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
FOOD						
Apples	93	17,513	3.61	0.76	0.22	119,700
Avocado	11	1,223	2.14	0.05	0.02	8,400
Bananas	32	2,769	1.66	0.12	0.04	18,900
Chestnuts	24	6,692	5.35	0.29	0.08	45,700
Coconut (drinking nut)	15	2,735	3.50	0.12	0.03	18,700
Coconut (dry nut)	8	2,190	5.26	0.10	0.03	15,000
Guava	1	52	1.12	0.00	0.00	400
Lemons	9	1,525	3.24	0.07	0.02	10,400
Mangoes	38	11,370	5.74	0.49	0.14	77,700
Oranges	16	1,666	2.00	0.07	0.02	11,400
Pawpaws	37	1,576	0.82	0.07	0.02	10,800
Peaches	4	582	2.81	0.03	0.01	4,000
Pears	7	639	1.76	0.03	0.01	4,400
Pineapples	3	188	1.22	0.01	0.00	1,300
Plums	1	250	4.77	0.01	0.00	1,700
Watermelon	30	5,960	3.81	0.26	0.08	40,700
Tinned Fruit Salad	20	2,803	2.68	0.12	0.04	19,100
Tinned Peaches	9	609	1.31	0.03	0.01	4,200
Tinned Pears	5	433	1.68	0.02	0.01	3,000
Tinned Pineapples	16	2,023	2.42	0.09	0.03	13,800
Dried Fruits	4	1,457	7.02	0.06	0.02	10,000
Fruit Juices	93	22,054	4.55	0.96	0.28	150,700
Other fresh fruits n.e.c	6	1,081	3.46	0.05	0.01	7,400
Carambola	1	182	3.37	0.01	0.00	1,200
Custard Apple	2	196	1.82	0.01	0.00	1,300
Other tinned and bottled fruits	6	598	1.92	0.03	0.01	4,100
Fruits or fruit products n.e.c	1	78	1.40	0.00	0.00	500
Fruits	215	88,444	7.89	3.85	1.12	604,200
Breadfruit	10	605	1.15	0.03	0.01	4,100
Rukau (taro leaves)	37	6,948	3.60	0.30	0.09	47,500
Cabbage	130	18,546	2.74	0.81	0.23	126,700
Lettuce	100	11,056	2.12	0.48	0.14	75,500
Carrots	83	7,213	1.67	0.31	0.09	49,300
Courgettes and marrows	11	825	1.43	0.04	0.01	5,600
Cucumber	85	5,346	1.21	0.23	0.07	36,500
Pumpkin	4	291	1.40	0.01	0.00	2,000
Arrowroot	15	3,714	4.75	0.16	0.05	25,400
Kumara	39	8,030	3.95	0.35	0.10	54,900
Potatoes	136	26,904	3.79	1.17	0.34	183,800
Taro	73	27,358	7.19	1.19	0.35	186,900
Tarotarua	1	391	7.58	0.02	0.01	2,700
Onions and shallots	155	14,512	1.79	0.63	0.18	99,100
Peas and beans	39	3,588	1.76	0.16	0.05	24,500
Tomatoes	192	32,209	3.22	1.40	0.41	220,000
Other fresh vegetables	7	1,500	4.13	0.07	0.02	10,300
Frozen Vegetables	103	12,910	2.40	0.56	0.16	88,200

Table 2: Average Weekly Household Cash Expenditure, Percentage Distribution of Expenditure, Number of Households Reporting Expenditure, Estimated Annual Expenditure of all Households, by Group, sub-group and Item.

Rarotonga, 1998

Description of Group, Sub-group and Item	Number of Households reporting Expenditure	Annual Expenditure of sample Households	Average Weekly Expenditure per sample Household	Annual Expenditure as a percentage of		Estimated Annual Expenditure of all Households
				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
Tinned and bottled vegetables	12	1,397	2.22	0.06	0.02	9,500
Dried Vegetables	1	93	1.68	0.00	0.00	600
Vegetable Juices	1	70	1.40	0.00	0.00	500
Tinned Beetroot	16	879	1.05	0.04	0.01	6,000
Tinned Tomato Savoury	21	2,035	1.86	0.09	0.03	13,900
Bowl Salad	12	3,064	4.89	0.13	0.04	20,900
Chinese Cabbage	14	1,460	2.01	0.06	0.02	10,000
Celery	7	707	1.92	0.03	0.01	4,800
Capsicum	33	1,699	0.99	0.07	0.02	11,600
Mushroom	17	2,519	2.84	0.11	0.03	17,200
Broccoli/Cauliflower	9	1,119	2.37	0.05	0.01	7,600
Cauliflower	4	846	4.07	0.04	0.01	5,800
Corn (on cob or frozen)	8	570	1.37	0.02	0.01	3,900
Water Cress	1	65	1.12	0.00	0.00	400
Ginger	3	318	2.06	0.01	0.00	2,200
Asparagus	3	227	1.40	0.01	0.00	1,500
Sweetcorn	3	210	1.31	0.01	0.00	1,400
Garlic	11	680	1.17	0.03	0.01	4,600
Silverbeet	3	180	1.12	0.01	0.00	1,200
Tinned Mushroom	2	189	1.82	0.01	0.00	1,300
Vegetables n.e.c	5	512	1.97	0.02	0.01	3,500
Vegetables	322	200,784	11.96	8.73	2.54	1,371,800
Beef fresh	7	2,658	7.30	0.12	0.03	18,200
Lamb chops	208	133,308	12.29	5.80	1.69	910,800
Meat in brine	4	5,905	28.28	0.26	0.07	40,300
Mince	48	15,058	6.02	0.66	0.19	102,900
Pork fresh	15	9,722	12.43	0.42	0.12	66,400
Sausages	116	40,626	6.72	1.77	0.51	277,600
Steak	89	55,400	11.94	2.41	0.70	378,500
Other fresh/frozen meat	16	7,569	9.07	0.33	0.10	51,700
Tinned Corned Beef	297	149,172	9.63	6.49	1.89	1,019,100
Tinned Lamb Tongue	4	572	2.74	0.02	0.01	3,900
Tinned Casserole	8	756	1.82	0.03	0.01	5,200
Tinned Irish Stew	37	6,340	3.29	0.28	0.08	43,300
Bacon	9	2,012	4.27	0.09	0.03	13,700
Luncheon	16	2,110	2.53	0.09	0.03	14,400
Ham	22	4,923	4.29	0.21	0.06	33,600
Other meat n.e.c	2	511	4.91	0.02	0.01	3,500
Meat & meat products	354	436,641	23.66	18.99	5.53	2,983,100
Chicken	268	212,128	15.18	9.23	2.69	1,449,300
Duck	1	276	5.33	0.01	0.00	1,900
Poultry	268	212,405	15.20	9.24	2.69	1,451,100
Tuna	38	18,201	9.18	0.79	0.23	124,300
Flying fish	76	34,960	8.82	1.52	0.44	238,800
Frozen fish	3	1,246	7.95	0.05	0.02	8,500

Table 2: Average Weekly Household Cash Expenditure, Percentage Distribution of Expenditure, Number of Households Reporting Expenditure, Estimated Annual Expenditure of all Households, by Group, sub-group and Item.

Rarotonga, 1998

Description of Group, Sub-group and Item	Number of Households reporting Expenditure	Annual Expenditure of sample Households	Average Weekly Expenditure per sample Household	Annual Expenditure as a percentage of		Estimated Annual Expenditure of all Households
				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
Other fresh and frozen fish	50	26,657	10.22	1.16	0.34	182,100
Tinned Sardines	30	3,977	2.55	0.17	0.05	27,200
Tinned Mackerel	223	61,741	5.31	2.69	0.78	421,800
Tinned Tuna	38	8,089	4.09	0.35	0.10	55,300
Other Tinned fish	30	5,039	3.22	0.22	0.06	34,400
Paua	4	826	3.93	0.04	0.01	5,600
Mussels	19	3,447	3.49	0.15	0.04	23,600
Octopus, Squids	4	1,564	7.51	0.07	0.02	10,700
Tupa	3	1,173	7.49	0.05	0.01	8,000
Seaweed (Rimu)	3	395	2.53	0.02	0.01	2,700
Other shell fish n.e.c	7	3,201	8.78	0.14	0.04	21,900
Fish incl. shellfish	308	170,517	10.62	7.42	2.16	1,165,000
Bread (sliced, loaf, square, rolls, french)	364	277,424	14.62	12.07	3.51	1,895,400
Cabin bread	62	9,173	2.84	0.40	0.12	62,700
Cream cracker	26	3,501	2.58	0.15	0.04	23,900
Biscuits	98	15,806	3.09	0.69	0.20	108,000
Doughnuts	217	35,458	3.13	1.54	0.45	242,200
Cakes incl. Pastries, buns	86	19,388	4.33	0.84	0.25	132,500
Meringue pies and other pies	19	3,643	3.68	0.16	0.05	24,900
Puddings incl. Poke	11	1,655	2.88	0.07	0.02	11,300
Other bread and biscuits	9	2,009	4.27	0.09	0.03	13,700
Bread & Biscuits	371	368,057	19.03	16.01	4.66	2,514,600
Ricies	27	3,486	2.47	0.15	0.04	23,800
Cornflakes	22	2,789	2.44	0.12	0.04	19,100
Weetbix	57	7,095	2.39	0.31	0.09	48,500
Rolled Oats	6	830	2.67	0.04	0.01	5,700
Vermicelli	32	5,396	3.24	0.23	0.07	36,900
Noodles	136	16,479	2.32	0.72	0.21	112,600
Rice	231	24,389	2.02	1.06	0.31	166,600
Pasta	16	1,487	1.79	0.06	0.02	10,200
Flour	67	7,844	2.25	0.34	0.10	53,600
Starch (Pia)	1	261	5.05	0.01	0.00	1,800
Cornflour	3	185	1.22	0.01	0.00	1,300
Other Cereal and cereal Products	7	1,144	3.13	0.05	0.01	7,800
Cereal and cereal products	307	71,386	4.46	3.10	0.90	487,700
Milk powder	163	44,499	5.24	1.94	0.56	304,000
Condensed milk	5	602	2.30	0.03	0.01	4,100
Fresh milk	100	20,289	3.89	0.88	0.26	138,600
Other milk (flavoured, zap, milk shake)	87	11,802	2.60	0.51	0.15	80,600
Cheese/includes cream cheese	71	11,136	3.01	0.48	0.14	76,100
Yoghurt/yoplait	34	6,434	3.63	0.28	0.08	44,000
Sour cream	7	439	1.20	0.02	0.01	3,000
Ice cream	168	45,699	5.22	1.99	0.58	312,200
Whipped Cream	14	1,689	2.31	0.07	0.02	11,500
Tip Top	31	4,012	2.48	0.17	0.05	27,400

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Rarotonga, 1998

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				Group	Total	
	No.	\$	\$	%	%	\$
Reduced Cream	2	172	1.68	0.01	0.00	1,200
Other dairy and milk products n.e.c	3	228	1.50	0.01	0.00	1,600
Dairy and Milk Products	308	147,002	9.15	6.39	1.86	1,004,300
Salad oil	74	9,164	2.37	0.40	0.12	62,600
Butter/margarine	243	40,074	3.16	1.74	0.51	273,800
Dripping	2	203	1.97	0.01	0.00	1,400
Egg	166	50,775	5.87	2.21	0.64	346,900
Farm Products, Fats and Oils	300	100,216	6.41	4.36	1.27	684,700
Fizzy drinks (lemonade, coke, fanta)	250	75,119	5.76	3.27	0.95	513,200
Mineral water	10	2,866	5.50	0.12	0.04	19,600
Other beverages n.e.c	2	411	3.93	0.02	0.01	2,800
Non-alcoholic beverages	252	78,396	5.97	3.41	0.99	535,600
Sugar	186	24,764	2.55	1.08	0.31	169,200
Twisties, rashuns, chips	118	16,806	2.73	0.73	0.21	114,800
Lollies	59	4,898	1.59	0.21	0.06	33,500
Chewing gum	47	2,023	0.82	0.09	0.03	13,800
Chocolate bars	52	5,995	2.21	0.26	0.08	41,000
Peanuts	19	2,522	2.54	0.11	0.03	17,200
Icing Sugar	2	82	0.84	0.00	0.00	600
Other confectionery goods n.e.c	16	1,668	2.00	0.07	0.02	11,400
Confectionery	271	58,759	4.16	2.56	0.74	401,400
Coffee	67	12,571	3.60	0.55	0.16	85,900
Cocoa	5	491	1.91	0.02	0.01	3,400
Milo	29	4,608	3.05	0.20	0.06	31,500
Tea	90	7,605	1.62	0.33	0.10	52,000
Jam	51	4,094	1.54	0.18	0.05	28,000
Peanut Butter	41	4,317	2.02	0.19	0.05	29,500
Marmite	5	439	1.68	0.02	0.01	3,000
Curry powder	18	1,769	1.89	0.08	0.02	12,100
Spices (garlic, ginger, pepper, etc)	35	4,260	2.33	0.19	0.05	29,100
Mustard	2	150	1.40	0.01	0.00	1,000
Soya sauce	39	5,660	2.79	0.25	0.07	38,700
Tomato Sauce	77	6,975	1.74	0.30	0.09	47,700
Best Food	53	9,755	3.53	0.42	0.12	66,600
Chow chow	2	179	1.68	0.01	0.00	1,200
Baby food	7	1,924	5.25	0.08	0.02	13,100
Coconut cream	57	8,060	2.71	0.35	0.10	55,100
Spaghetti	155	19,149	2.37	0.83	0.24	130,800
Salt	40	2,982	1.43	0.13	0.04	20,400
Soup sachets	18	1,799	1.92	0.08	0.02	12,300
Drink mix (refresh, vita fresh)	125	19,485	2.99	0.85	0.25	133,100
Party ice	16	1,766	2.12	0.08	0.02	12,100
Ice cream cones	22	2,140	1.86	0.09	0.03	14,600
Mitiore	2	300	2.81	0.01	0.00	2,000

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Rarotonga, 1998

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				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
Maniota uki	1	261	5.05	0.01	0.00	1,800
Baked Beans	15	1,529	1.95	0.07	0.02	10,400
Golden Syrup	3	584	3.74	0.03	0.01	4,000
Baking Sod	3	123	0.75	0.01	0.00	800
Vinegar	12	830	1.33	0.04	0.01	5,700
Custard powder	3	254	1.59	0.01	0.00	1,700
Lea & Perrin	3	420	2.71	0.02	0.01	2,900
Creamed Rice	11	1,161	2.02	0.05	0.01	7,900
Chilli Sauce	4	405	1.97	0.02	0.01	2,800
Chutney	4	617	2.95	0.03	0.01	4,200
Honey	3	295	1.87	0.01	0.00	2,000
Jelly	3	164	1.03	0.01	0.00	1,100
Malt	1	417	7.86	0.02	0.01	2,800
Yeast	1	261	5.05	0.01	0.00	1,800
Other Foods n.e.c	20	6,171	5.92	0.27	0.08	42,200
Other Foods	321	133,969	8.00	5.83	1.70	915,300
Chips	62	8,806	2.73	0.38	0.11	60,200
Fish	20	3,806	3.65	0.17	0.05	26,000
Burgers	50	14,928	5.73	0.65	0.19	102,000
Chicken	32	10,325	6.18	0.45	0.13	70,500
Pizza	15	6,387	8.16	0.28	0.08	43,600
Hot dogs	16	3,538	4.25	0.15	0.04	24,200
Meat pies	65	13,210	3.90	0.57	0.17	90,200
Sandwiches	80	14,298	3.43	0.62	0.18	97,700
Plate of food	112	51,864	8.88	2.26	0.66	354,300
School lunches	5	2,703	10.39	0.12	0.03	18,500
Cup of Coffee, tea, milo	6	2,255	7.21	0.10	0.03	15,400
Alcoholic drinks taken at eating places	11	9,685	16.89	0.42	0.12	66,200
Non-alcoholic drinks taken at eating places	8	967	2.32	0.04	0.01	6,600
Snack pack or twin pack	47	23,052	9.41	1.00	0.29	157,500
Dinner Out	18	52,697	56.15	2.29	0.67	360,000
Varaoa Karo	3	772	4.96	0.03	0.01	5,300
Sausage roll	3	123	0.75	0.01	0.00	800
Other prepared food ready for takeaway	26	13,372	9.87	0.58	0.17	91,400
Takeaways and foods taken at eating places	226	232,788	19.76	10.12	2.95	1,590,400
TOTAL - FOOD	375	2,299,366	117.60	100.00	29.13	15,709,300
HOUSING						
Rent including property rent	53	253,466	91.72	19.24	3.21	1,731,700
Bond for house	7	920	2.53	0.07	0.01	6,300
Bond for electricity	13	1,152	1.71	0.09	0.01	7,900
Administration charges	4	251	1.19	0.02	0.00	1,700
House insurance	38	23,420	11.82	1.78	0.30	160,000
Contents insurance	14	8,282	11.35	0.63	0.10	56,600
Fire insurance	4	8,276	39.65	0.63	0.10	56,500
Other Insurance n.o.d	2	3,080	29.48	0.23	0.04	21,000

Table 2: Average Weekly Household Cash Expenditure, Percentage Distribution of Expenditure, Number of Households Reporting Expenditure, Estimated Annual Expenditure of all Households, by Group, sub-group and Item.

Rarotonga, 1998

Description of Group, Sub-group and Item	Number of Households reporting Expenditure	Annual Expenditure of sample Households	Average Weekly Expenditure per sample Household	Annual Expenditure as a percentage of		Estimated Annual Expenditure of all Households
				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
Latest premium paid	39	268,091	131.84	20.35	3.40	1,831,600
Latest Interest paid	38	67,085	33.86	5.09	0.85	458,300
Other payments n.e.c	3	187	1.22	0.01	0.00	1,300
Rents, mortgages, insurance	111	634,210	109.58	48.14	8.03	4,332,900
Repairs, renovations or improvements	27	83,005	58.96	6.30	1.05	567,100
Structural additions or alterations	5	2,420	9.26	0.18	0.03	16,500
Build a garage or other building	7	48,300	132.34	3.67	0.61	330,000
Latest premium paid	8	22,953	55.02	1.74	0.29	156,800
Latest Interest paid	7	4,440	12.15	0.34	0.06	30,300
Other home improvement payments	5	10,220	39.19	0.78	0.13	69,800
Home Improvements	39	171,337	84.26	13.01	2.17	1,170,600
Paint	90	18,815	4.01	1.43	0.24	128,500
Framing timber	20	7,410	7.10	0.56	0.09	50,600
Flooring timber	4	5,000	24.00	0.38	0.06	34,200
Timber rafters	17	8,384	9.46	0.64	0.11	57,300
Plywood boards	22	9,548	8.32	0.72	0.12	65,200
Hardboard	23	5,850	4.88	0.44	0.07	40,000
Flooring boards	2	667	6.46	0.05	0.01	4,600
External & internal boards coverings	6	3,560	11.37	0.27	0.05	24,300
Piping	17	2,664	3.01	0.20	0.03	18,200
Water supply tanks	6	18,633	59.56	1.41	0.24	127,300
Septic tanks	3	630	4.02	0.05	0.01	4,300
Bathroom vanity unit	8	2,282	5.47	0.17	0.03	15,600
Shower unit	8	1,102	2.63	0.08	0.01	7,500
Toilet unit	10	2,040	3.90	0.15	0.03	13,900
Nails	49	2,717	1.07	0.21	0.03	18,600
Reinforcing steel	9	1,735	3.71	0.13	0.02	11,900
Cement	44	7,544	3.29	0.57	0.10	51,500
Roofing Iron, tiles, or plastic	22	35,243	30.73	2.68	0.45	240,800
Spouting	3	354	2.25	0.03	0.00	2,400
Window frames & louvers or glass	21	8,648	7.90	0.66	0.11	59,100
Doors	14	9,955	13.64	0.76	0.13	68,000
Kitchen bench top & sink	6	3,890	12.45	0.30	0.05	26,600
Cupboards	4	915	4.42	0.07	0.01	6,300
Water heating unit	5	2,937	11.29	0.22	0.04	20,100
Lawn mower	29	14,549	9.62	1.10	0.18	99,400
Weed eater/brush cutter	26	14,790	10.91	1.12	0.19	101,000
Rakes	83	2,079	0.48	0.16	0.03	14,200
Chainsaw	6	5,460	17.45	0.41	0.07	37,300
Rotary hoe	1	2,000	38.46	0.15	0.03	13,700
Power tools	14	5,528	7.58	0.42	0.07	37,800
Garden fertilizers	4	2,576	12.35	0.20	0.03	17,600
Insecticide	4	1,998	9.61	0.15	0.03	13,700
Garden supplies	4	838	4.00	0.06	0.01	5,700
Latest premium paid	3	5,098	32.56	0.39	0.06	34,800
Latest Interest paid	3	842	5.43	0.06	0.01	5,800

Table 2: Average Weekly Household Cash Expenditure, Percentage Distribution of Expenditure, Number of Households Reporting Expenditure, Estimated Annual Expenditure of all Households, by Group, sub-group and Item.

Rarotonga, 1998

Description of Group, Sub-group and Item	Number of Households reporting Expenditure	Annual Expenditure of sample Households	Average Weekly Expenditure per sample Household	Annual Expenditure as a percentage of		Estimated Annual Expenditure of all Households
				Group	Total	
	No.	\$	\$	%	%	\$
Ropes	5	459	1.74	0.03	0.01	3,100
line for weedeater	8	1,978	4.74	0.15	0.03	13,500
Bolts	2	39	0.42	0.00	0.00	300
Insulating Tape	2	105	0.98	0.01	0.00	700
Hand Saw	2	50	0.42	0.00	0.00	300
Hack Blade	1	3	0.06	0.00	0.00	20
Padlock	1	3	0.06	0.00	0.00	20
Other payments on supplies n.e.c	7	1,467	4.01	0.11	0.02	10,000
Polythene	1	294	5.61	0.02	0.00	2,000
Concrete Blocks	3	1,302	8.33	0.10	0.02	8,900
Paint Brush	3	39	0.28	0.00	0.00	300
Home Improvements and Supplies	201	222,018	21.18	16.85	2.81	1,516,800
Site preparation prior to construction	7	2,430	6.66	0.18	0.03	16,600
Surveying fees	7	1,960	5.37	0.15	0.02	13,400
Architectural or draughting fees	2	500	4.77	0.04	0.01	3,400
Building permit	5	808	3.09	0.06	0.01	5,500
Contract payments to builders	4	35,000	167.80	2.66	0.44	239,100
Contract payments to tradespeople	3	9,300	59.42	0.71	0.12	63,500
Materials used in the construction of dwelling	8	239,117	573.24	18.15	3.03	1,633,600
Other costs of construction n.e.c	2	440	4.21	0.03	0.01	3,000
Construction of new dwellings	14	289,555	396.66	21.98	3.67	1,978,200
Cement Mixer	3	230	1.50	0.02	0.00	1,600
Hiring of Equipment	3	230	1.50	0.02	0.00	1,600
TOTAL - HOUSING	259	1,317,350	97.55	100.00	16.69	9,000,100
HOUSEHOLD OPERATION						
Beds incl. Mattress (set)	30	23,239	14.86	1.70	0.29	158,800
Lounge chair	11	9,130	15.92	0.67	0.12	62,400
Sofa, couch	20	19,394	18.60	1.42	0.25	132,500
Mattresses	29	9,745	6.45	0.71	0.12	66,600
Dining table	15	5,895	7.54	0.43	0.07	40,300
Dining chairs	16	10,392	12.46	0.76	0.13	71,000
Dressing table	7	8,205	22.50	0.60	0.10	56,100
Chest of drawers	14	5,402	7.40	0.39	0.07	36,900
Desk, bureau	6	1,728	5.52	0.13	0.02	11,800
Outdoor furniture	12	3,796	6.06	0.28	0.05	25,900
Glory Box	1	720	13.76	0.05	0.01	4,900
Other items of furniture n.e.c	3	930	5.99	0.07	0.01	6,400
Household Furnitures	94	98,577	20.11	7.20	1.25	673,500
Blankets/bed spread	38	6,139	3.10	0.45	0.08	41,900
Sheets (flora/plain)	58	6,153	2.03	0.45	0.08	42,000
Pillow cases	50	2,632	1.01	0.19	0.03	18,000
Pillow	36	1,313	0.70	0.10	0.02	9,000
Light fittings	49	5,929	2.32	0.43	0.08	40,500

Table 2: Average Weekly Household Cash Expenditure, Percentage Distribution of Expenditure, Number of Households Reporting Expenditure, Estimated Annual Expenditure of all Households, by Group, sub-group and Item.

Rarotonga, 1998

Description of Group, Sub-group and Item	Number of Households reporting Expenditure	Annual Expenditure of sample Households	Average Weekly Expenditure per sample Household	Annual Expenditure as a percentage of		Estimated Annual Expenditure of all Households
				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
Standard lamp	5	180	0.67	0.01	0.00	1,200
Curtains, drapes	35	4,599	2.52	0.34	0.06	31,400
Painting	11	2,694	4.70	0.20	0.03	18,400
Carpet, floor rug	27	4,120	2.92	0.30	0.05	28,100
Vinyl (linoleum)	17	3,823	4.31	0.28	0.05	26,100
Ceramic tiles	9	5,492	11.70	0.40	0.07	37,500
Bath Towels	5	651	2.47	0.05	0.01	4,400
Tea towels	3	33	0.19	0.00	0.00	200
Clothes Airer	1	56	1.12	0.00	0.00	400
Other items of furnishing n.e.c	4	2,042	9.83	0.15	0.03	14,000
Household Furnishings	146	45,855	6.02	3.35	0.58	313,300
Latest premium paid	17	34,916	39.38	2.55	0.44	238,500
Latest Interest paid	17	5,795	6.54	0.42	0.07	39,600
Payment of Furnitures and Furnishings	17	40,711	45.92	2.97	0.52	278,100
Washing machine	37	33,235	17.23	2.43	0.42	227,100
Refrigerator	36	33,689	17.95	2.46	0.43	230,200
Freezer	30	22,840	14.60	1.67	0.29	156,000
Electric jug	34	2,142	1.21	0.16	0.03	14,600
Gas & electric stove	32	28,083	16.83	2.05	0.36	191,900
Television/video set	78	61,672	15.16	4.50	0.78	421,300
Vaccum cleaner	24	7,739	6.19	0.57	0.10	52,900
Sewing machine	16	6,329	7.58	0.46	0.08	43,200
Food processor	10	720	1.38	0.05	0.01	4,900
Stereo equipment	51	51,139	19.23	3.73	0.65	349,400
Home computer	16	37,958	45.49	2.77	0.48	259,300
Microwave Oven	1	200	3.93	0.01	0.00	1,400
Blender	2	100	0.98	0.01	0.00	700
Electric toaster	7	425	1.16	0.03	0.01	2,900
Chillybin (Cooler)	1	60	1.12	0.00	0.00	400
Other home appliances n.e.c	5	508	1.97	0.04	0.01	3,500
Household Appliances	193	286,838	28.50	20.94	3.63	1,959,700
Dinner set	18	1,251	1.33	0.09	0.02	8,500
Cutlery set	22	874	0.77	0.06	0.01	6,000
Saucepans	32	6,072	3.64	0.44	0.08	41,500
Barbecue plate (open fire/electric)	7	3,409	9.34	0.25	0.04	23,300
Knives	3	39	0.28	0.00	0.00	300
Tupperware	5	224	0.84	0.02	0.00	1,500
Glass Set	13	1,032	1.51	0.07	0.01	7,000
Other equipments and utensils n.e.c	5	185	0.73	0.01	0.00	1,300
Household Equipment	71	13,085	3.53	0.96	0.17	89,400
Batteries	16	2,103	2.53	0.15	0.03	14,400
Bleaching fluid, dyeing chemicals	25	2,213	1.70	0.16	0.03	15,100
Candles	4	573	2.74	0.04	0.01	3,900
Clothes conditioner	6	830	2.67	0.06	0.01	5,700

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Rarotonga, 1998

Description of Group, Sub-group and Item	Number of Households reporting Expenditure	Annual Expenditure of sample Households	Average Weekly Expenditure per sample Household	Annual Expenditure as a percentage of		Estimated Annual Expenditure of all Households
				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
Clothes pins, hangers, pegs	6	446	1.40	0.03	0.01	3,000
Dish cloth, sponge, scourer	16	1,376	1.65	0.10	0.02	9,400
Disinfectants	10	1,317	2.53	0.10	0.02	9,000
Diswashing liquid	50	6,106	2.34	0.45	0.08	41,700
Fly spray	26	3,676	2.71	0.27	0.05	25,100
Lunch wrappers, foil	19	4,334	4.37	0.32	0.05	29,600
Matches	75	2,249	0.58	0.16	0.03	15,400
Mosquito coil	99	8,734	1.69	0.64	0.11	59,700
Soap cake/liquid, sunlight soap	55	5,210	1.82	0.38	0.07	35,600
Soap powder	133	33,324	4.81	2.43	0.42	227,700
Toilet paper	188	34,672	3.54	2.53	0.44	236,900
Jiff	12	1,624	2.60	0.12	0.02	11,100
Harpic (Cleaning disinfectant)	5	1,091	4.21	0.08	0.01	7,500
Light bulb	13	961	1.43	0.07	0.01	6,600
Stove Parts	1	176	3.37	0.01	0.00	1,200
Fuse	1	52	1.12	0.00	0.00	400
Sandpaper	1	5	0.08	0.00	0.00	30
Torch	1	79	1.40	0.01	0.00	500
Other household supplies n.e.c	8	909	2.18	0.07	0.01	6,200
Household Supplies	293	112,060	7.34	8.18	1.42	765,600
Telephone charges (including fax)	305	266,743	16.77	19.47	3.38	1,822,400
Cell phone (cocanet)	13	7,854	11.60	0.57	0.10	53,700
Email or internet charges	9	7,597	16.19	0.55	0.10	51,900
Post Office box rental	82	4,170	0.98	0.30	0.05	28,500
Babysitting	29	52,817	34.93	3.86	0.67	360,800
Housecleaning	1	1,200	23.02	0.09	0.02	8,200
Lawn mowing	1	170	3.37	0.01	0.00	1,200
Drainage of Septic Tank	1	82	1.68	0.01	0.00	600
Labour on Taro Patch	4	2,903	13.90	0.21	0.04	19,800
Household Services	322	343,536	20.46	25.08	4.35	2,347,000
Electricity	348	305,473	16.84	22.30	3.87	2,087,000
Cooking gas	308	111,443	6.94	8.14	1.41	761,400
Kerosene	2	156	1.54	0.01	0.00	1,100
Other fuel and light	3	6,074	38.83	0.44	0.08	41,500
Fuel and Light	363	423,146	22.36	30.89	5.36	2,890,900
Repairs to television	16	1,376	1.65	0.10	0.02	9,400
Repairs to video	8	505	1.19	0.04	0.01	3,400
Repairs to computer	1	350	6.74	0.03	0.00	2,400
Repairs to telephone	2	95	0.84	0.01	0.00	600
Electrical faults/wiring, etc.	5	968	3.71	0.07	0.01	6,600
Repairs to Washing Machine	5	378	1.46	0.03	0.00	2,600
Repairs to stereo	2	154	1.54	0.01	0.00	1,100
Repairs to Lawn Mower	9	1,933	4.12	0.14	0.02	13,200
Repairs to Chainsaw	1	15	0.28	0.00	0.00	100
Repairs to electric iron	1	22	0.56	0.00	0.00	200

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Rarotonga, 1998

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				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
Repairs to Rotary Hoe	1	150	2.81	0.01	0.00	1,000
Other repairs n.e.c	3	130	0.84	0.01	0.00	900
Payment of Repairs	47	6,076	2.48	0.44	0.08	41,500
TOTAL - HOUSEHOLD OPERATION	375	1,369,882	70.06	100.00	17.35	9,359,000
CLOTHING AND FOOTWEAR						
Shirts	196	23,022	2.25	8.19	0.29	157,300
T/Shirts	231	36,942	3.07	13.13	0.47	252,400
casual shorts	202	21,150	2.01	7.52	0.27	144,500
work shorts	123	9,506	1.48	3.38	0.12	64,900
trousers/jeans	131	18,879	2.76	6.71	0.24	129,000
suits/clothes set	70	11,649	3.19	4.14	0.15	79,600
casual/formal dress	140	21,217	2.91	7.55	0.27	145,000
underwear/lingerie	223	21,752	1.87	7.73	0.28	148,600
Blouse	5	863	3.31	0.31	0.01	5,900
Skirts	12	1,643	2.62	0.58	0.02	11,200
Pareu material	22	6,130	5.35	2.18	0.08	41,900
Fabric for clothes	93	8,564	1.77	3.04	0.11	58,500
Cotton thread	1	94	1.68	0.03	0.00	600
Buttons	2	265	2.53	0.09	0.00	1,800
Nappies (plastic & cloth)	35	23,022	12.62	8.19	0.29	157,300
School Uniforms	13	1,497	2.20	0.53	0.02	10,200
Jackets	3	570	3.65	0.20	0.01	3,900
Plastic pants	11	4,001	6.97	1.42	0.05	27,300
Rugby Shorts	3	263	1.68	0.09	0.00	1,800
Socks, Stockings, Pantyhose	8	780	1.86	0.28	0.01	5,300
Swimming togs	3	201	1.31	0.07	0.00	1,400
Hankies	4	286	1.40	0.10	0.00	2,000
Caps	1	12	0.28	0.01	0.00	100
Overalls	2	65	0.56	0.02	0.00	400
Other clothing n.e.c	7	1,749	4.77	0.62	0.02	11,900
Clothing	307	214,122	13.38	76.12	2.71	1,462,900
Sports shoes	168	24,802	2.83	8.81	0.31	169,400
Dress shoes	160	26,294	3.15	9.35	0.33	179,600
Jandals, slippers, slip ons	235	10,460	0.85	3.72	0.13	71,500
Children's shoes	6	230	0.75	0.08	0.00	1,600
Boots	9	1,098	2.34	0.39	0.01	7,500
Other shoes n.e.c	2	160	1.54	0.06	0.00	1,100
Footwear	289	63,044	4.18	22.41	0.80	430,700
Latest payment on Layby	22	4,132	3.60	1.47	0.05	28,200
Methods of purchases	22	4,132	3.60	1.47	0.05	28,200
TOTAL - CLOTHING AND FOOTWEAR	317	281,298	17.02	100.00	3.56	1,921,800

Table 2: Average Weekly Household Cash Expenditure, Percentage Distribution of Expenditure, Number of Households Reporting Expenditure, Estimated Annual Expenditure of all Households, by Group, sub-group and Item.

Rarotonga, 1998

Description of Group, Sub-group and Item	Number of Households reporting Expenditure	Annual Expenditure of sample Households	Average Weekly Expenditure per sample Household	Annual Expenditure as a percentage of		Estimated Annual Expenditure of all Households
				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
TRANSPORT						
Car/station wagon	30	262,783	168.00	15.52	3.33	1,795,300
Van, utility, jeep	14	201,053	275.43	11.88	2.55	1,373,600
Truck	12	135,405	216.42	8.00	1.72	925,100
Motorcycle, motor scooter	54	96,668	34.33	5.71	1.22	660,400
Tractor	4	28,400	136.15	1.68	0.36	194,000
Boat, Yacht, canoe	2	4,800	46.04	0.28	0.06	32,800
Bicycles	8	3,227	7.72	0.19	0.04	22,000
Other vehicles n.e.c	1	500	9.54	0.03	0.01	3,400
Personal Transport	106	732,836	132.59	43.29	9.28	5,006,700
Latest premium paid	35	154,761	84.80	9.14	1.96	1,057,300
Latest Interest paid	33	39,005	22.67	2.30	0.49	266,500
Insurance on Motor Vehicle	11	7,506	13.09	0.44	0.10	51,300
Loans on vehicles	35	201,272	110.29	11.89	2.55	1,375,100
Starter motor	16	2,207	2.65	0.13	0.03	15,100
Tyres	111	18,709	3.23	1.10	0.24	127,800
Alloy wheels	4	1,645	7.86	0.10	0.02	11,200
Shock absorbers	5	857	3.31	0.05	0.01	5,900
Muffler	54	6,287	2.24	0.37	0.08	43,000
Engine, outboard	9	6,041	12.88	0.36	0.08	41,300
Radio, stereo	7	3,275	8.98	0.19	0.04	22,400
Number plates	6	264	0.84	0.02	0.00	1,800
Seat covers	29	3,594	2.38	0.21	0.05	24,600
Ignition	2	144	1.40	0.01	0.00	1,000
Shoe Brake	5	1,056	4.04	0.06	0.01	7,200
Air pump	1	95	1.68	0.01	0.00	600
Batteries for cars, trucks etc	5	523	2.02	0.03	0.01	3,600
Side lights	1	8	0.28	0.00	0.00	100
Kick Starter	1	75	1.40	0.00	0.00	500
Spark plugs	3	53	0.37	0.00	0.00	400
Cable Clutch	2	42	0.42	0.00	0.00	300
Seat for Vehicle	1	95	1.68	0.01	0.00	600
Other vehicle accessories	16	1,252	1.51	0.07	0.02	8,600
Transport Equipment	186	46,222	4.77	2.73	0.59	315,800
Petrol	181	146,308	15.50	8.64	1.85	999,600
Diesel	14	14,495	19.85	0.86	0.18	99,000
Oil	12	1,784	2.85	0.11	0.02	12,200
Other Oils	8	795	1.89	0.05	0.01	5,400
Operation of Transport Personal Transport	186	163,382	16.85	9.65	2.07	1,116,200
Panel beating	34	22,340	12.60	1.32	0.28	152,600
Painting	10	2,259	4.32	0.13	0.03	15,400
Upholstering	13	4,411	6.50	0.26	0.06	30,100
Windscreen	5	1,595	6.12	0.09	0.02	10,900

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Rarotonga, 1998

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				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
Engine Repairs	62	20,597	6.37	1.22	0.26	140,700
Gearbox repairs	3	365	2.34	0.02	0.00	2,500
Exhaust pipes repairs	18	1,968	2.09	0.12	0.02	13,400
Electrical Repairs (wiring)	17	3,232	3.65	0.19	0.04	22,100
Rustproofing	10	1,802	3.45	0.11	0.02	12,300
Vehicle customising	14	3,333	4.57	0.20	0.04	22,800
Annual vehicle registration	10	301	0.59	0.02	0.00	2,100
Warrant of fitness	9	67	0.16	0.00	0.00	500
Vehicle insurance	1	848	16.28	0.05	0.01	5,800
Taxi Services	1	912	17.40	0.05	0.01	6,200
Bus Services	5	1,121	4.32	0.07	0.01	7,700
Drivers License	16	410	0.49	0.02	0.01	2,800
Tyres Repair	5	76	0.28	0.00	0.00	500
Car service tow	1	391	7.58	0.02	0.01	2,700
Other services n.e.c	5	3,044	11.68	0.18	0.04	20,800
Transport Services and Repairs	144	69,071	9.20	4.08	0.87	471,900
Latest premium paid	5	7,632	29.25	0.45	0.10	52,100
Latest Interest paid	6	1,896	6.08	0.11	0.02	13,000
Loans taken for equipment and services	6	9,528	30.46	0.56	0.12	65,100
Car/ stationwagon rental	19	18,877	19.06	1.12	0.24	129,000
Van, utility, jeep rental	10	26,290	50.42	1.55	0.33	179,600
Truck	2	8,500	81.55	0.50	0.11	58,100
Motorcycle, motor scooter rental	26	8,313	6.13	0.49	0.11	56,800
Tractor rental	9	650	1.37	0.04	0.01	4,400
Other transport hirage	1	10	0.28	0.00	0.00	100
Hirage of Loader	2	260	2.53	0.02	0.00	1,800
Transport Hirage	60	62,900	20.10	3.71	0.80	429,700
Internal Airfare (taken, prepaid, other hh)	112	62,000	10.62	3.66	0.79	423,600
Seafare	5	2,655	10.16	0.16	0.03	18,100
Accomodation	16	7,450	8.93	0.44	0.09	50,900
Transport	25	2,567	1.97	0.15	0.03	17,500
Other inter island travel expenses	12	2,770	4.42	0.16	0.04	18,900
Internal travel	121	77,442	12.28	4.57	0.98	529,100
Airfare (Overseas)	140	273,878	37.52	16.18	3.47	1,871,100
Seafare	1	20	0.28	0.00	0.00	100
Departure Tax	135	9,818	1.40	0.58	0.12	67,100
Accomodation	23	25,932	21.63	1.53	0.33	177,200
Transport	25	11,018	8.46	0.65	0.14	75,300
Other expenses incurred while overseas	14	9,720	13.31	0.57	0.12	66,400
External travel	145	330,386	43.70	19.51	4.19	2,257,200
TOTAL - TRANSPORT	325	1,693,038	99.91	100.00	21.45	11,566,800

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Rarotonga, 1998

Description of Group, Sub-group and Item	Number of Households reporting Expenditure	Annual Expenditure of sample Households	Average Weekly Expenditure per sample Household	Annual Expenditure as a percentage of		Estimated Annual Expenditure of all Households
				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
TOBACCO AND ALCOHOL						
Tobacco	58	19,508	6.45	7.82	0.25	133,300
Cigarettes	116	92,520	15.30	37.07	1.17	632,100
Other tobacco products	37	2,028	1.05	0.82	0.03	13,900
Tobacco	151	114,057	14.49	45.70	1.44	779,200
Alcoholic Drinks	10	6,328	12.13	2.53	0.08	43,200
Beer	78	87,951	21.63	35.24	1.11	600,900
Distilled Spirits	23	16,272	13.57	6.52	0.21	111,200
Wine	16	18,412	22.07	7.38	0.23	125,800
Homebrew	10	6,570	12.60	2.63	0.08	44,900
Alcohol	103	135,533	25.24	54.30	1.72	926,000
TOTAL - TOBACCO AND ALCOHOL	193	249,589	24.80	100.00	3.16	1,705,200
MISCELLANEOUS GOODS AND SERVICES						
Cough mixture	2	98	0.98	0.02	0.00	700
Panadol	18	3,096	3.29	0.53	0.04	21,100
Vicks	5	703	2.69	0.12	0.01	4,800
Medicines, antibiotics and other prescribed medication	225	37,378	3.19	6.37	0.47	255,400
Deodorant, body spray	34	4,312	2.44	0.74	0.05	29,500
Sanitary pads, Tampon	10	1,386	2.67	0.24	0.02	9,500
Toilet soap (bar/liquid)	152	14,487	1.83	2.47	0.18	99,000
Toothpaste	68	6,363	1.80	1.09	0.08	43,500
Talcum Powder	3	262	1.68	0.04	0.00	1,800
Band Aid	4	218	1.05	0.04	0.00	1,500
Tissue	1	103	1.97	0.02	0.00	700
Other cosmetics and toiletries n.e.c	8	1,833	4.39	0.31	0.02	12,500
Medical, cosmetics and toiletries	286	70,239	4.71	11.97	0.89	479,900
Haircut	4	1,704	8.14	0.29	0.02	11,600
Hair grooming	7	2,410	6.62	0.41	0.03	16,500
Personal care	10	4,114	7.89	0.70	0.05	28,100
Cook Islands Newspaper	234	34,290	2.81	5.84	0.43	234,300
Overseas Newspaper, magazines, journals, etc	29	7,038	4.66	1.20	0.09	48,100
Books, novels, etc	7	3,267	8.94	0.56	0.04	22,300
School books	8	4,378	10.49	0.75	0.06	29,900
Writing materials	9	1,403	2.99	0.24	0.02	9,600
Other stationery	17	1,983	2.23	0.34	0.03	13,500
Calculator	2	1,201	11.51	0.20	0.02	8,200
Personal Computers	1	159	3.09	0.03	0.00	1,100
Other office equipment for private use	4	851	4.07	0.14	0.01	5,800
Publications, stationery and office equipments	249	54,569	4.20	9.30	0.69	372,800
Doctor's/dentist fees	220	32,531	2.84	5.54	0.41	222,300
Hospital charges	148	8,582	1.11	1.46	0.11	58,600

Table 2: Average Weekly Household Cash Expenditure, Percentage Distribution of Expenditure, Number of Households Reporting Expenditure, Estimated Annual Expenditure of all Households, by Group, sub-group and Item.

Rarotonga, 1998

Description of Group, Sub-group and Item	Number of Households reporting Expenditure	Annual Expenditure of sample Households	Average Weekly Expenditure per sample Household	Annual Expenditure as a percentage of		Estimated Annual Expenditure of all Households
				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
Ambulance charges	7	363	1.00	0.06	0.00	2,500
Traditional health service (masseurs)	10	1,177	2.25	0.20	0.01	8,000
Other health services n.e.c	2	2,650	25.41	0.45	0.03	18,100
Health Services	262	45,303	3.32	7.72	0.57	309,500
Musical equipment	2	1,428	13.76	0.24	0.02	9,800
Ping-Pong, Tennis ball, etc.	1	6	0.11	0.00	0.00	40
Video tapes	3	827	5.24	0.14	0.01	5,600
Toys	5	563	2.13	0.09	0.01	3,800
Records, cassettes, CD's	8	904	2.18	0.15	0.01	6,200
Films	4	1,416	6.81	0.24	0.02	9,700
Playing Cards	1	26	0.56	0.00	0.00	200
Blank cassettes/cds	3	238	1.50	0.04	0.00	1,600
Other leisure materials and supplies	1	150	2.81	0.02	0.00	1,000
Recreational goods	25	5,558	4.27	0.95	0.07	38,000
Formal education fees and related charges	186	26,188	2.70	4.46	0.33	178,900
USP extension Centre fees	26	9,924	7.32	1.69	0.13	67,800
Fees charged for private tuition	21	9,344	8.53	1.59	0.12	63,800
School transports (bus fare)	26	6,334	4.68	1.08	0.08	43,300
Other educational services n.e.c	4	1,085	5.19	0.18	0.01	7,400
Educational Services	196	52,875	5.17	9.01	0.67	361,200
Fishing equipment and supplies	1	110	2.25	0.02	0.00	800
Birthday presents n.o.d	6	2,577	8.23	0.44	0.03	17,600
Wet Suits	2	150	1.40	0.02	0.00	1,000
Flibbers	1	210	3.93	0.03	0.00	1,400
Diving Gas bottle	1	70	1.40	0.01	0.00	500
Cat Food	24	6,635	5.30	1.13	0.08	45,300
Dog Food	36	8,767	4.67	1.49	0.11	59,900
Pig Food	15	13,661	17.46	2.33	0.17	93,300
Chicken Food	1	1,564	30.04	0.27	0.02	10,700
Goods n.e.c	1	258	5.05	0.04	0.00	1,800
Other Goods	75	34,002	8.69	5.79	0.43	232,300
Contributions to religious and other organisations	137	61,171	8.56	10.42	0.77	417,900
Subscriptions levied by clubs or leisure groups	66	5,734	1.67	0.98	0.07	39,200
Television hire	5	1,231	4.72	0.21	0.02	8,400
Video hire	13	3,102	4.58	0.53	0.04	21,200
Cinema admission	19	5,160	5.22	0.88	0.07	35,300
Video Tape Hire	78	37,955	9.33	6.47	0.48	259,300
Other services n.e.c	2	226	2.11	0.04	0.00	1,500
Leisure Services	211	114,580	10.41	19.53	1.45	782,800
Union fees (PSA, CIWA, CITI, etc.)	19	1,167	1.18	0.20	0.01	8,000
Professional society subscriptions	12	620	0.98	0.10	0.01	4,200
Professional license fees	37	1,507	0.78	0.26	0.02	10,300
Cartage, freight	22	6,881	6.00	1.17	0.09	47,000

Table 2: Average Weekly Household Cash Expenditure, Percentage Distribution of Expenditure, Number of Households Reporting Expenditure, Estimated Annual Expenditure of all Households, by Group, sub-group and Item.

Rarotonga, 1998

Description of Group, Sub-group and Item	Number of Households reporting Expenditure	Annual Expenditure of sample Households	Average Weekly Expenditure per sample Household	Annual Expenditure as a percentage of		Estimated Annual Expenditure of all Households
				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
Printing(e.g. invitations)	20	1,448	1.39	0.25	0.02	9,900
Catering expenses	11	4,885	8.52	0.83	0.06	33,400
Vet fees	41	1,488	0.70	0.25	0.02	10,200
Money sent overseas(not recorded elsewhere)	34	35,028	19.76	5.97	0.44	239,300
Funeral expenses	47	15,117	6.17	2.58	0.19	103,300
Fines	17	1,095	1.24	0.19	0.01	7,500
Legal expenses	20	7,961	7.64	1.36	0.10	54,400
Hire of premises	3	480	3.09	0.08	0.01	3,300
Photographers fees	27	1,662	1.19	0.28	0.02	11,400
Hirage of Furniture	1	70	1.40	0.01	0.00	500
Animal Medication	2	30	0.28	0.00	0.00	200
Other Miscellaneous Services	3	22	0.19	0.00	0.00	200
Payment of misc. services	161	79,461	9.47	13.54	1.01	542,900
Jewellery	80	32,006	7.67	5.45	0.41	218,700
Trees, shrubs	22	1,724	1.51	0.29	0.02	11,800
Topsoil	7	557	1.52	0.09	0.01	3,800
Watch	93	12,769	2.63	2.17	0.16	87,200
Pearls	39	12,662	6.23	2.16	0.16	86,500
Suitcase	14	826	1.12	0.14	0.01	5,600
Floral tributes	46	4,169	1.74	0.71	0.05	28,500
Trophy	6	970	3.09	0.16	0.01	6,600
Donation, cash gift n.e.c	71	24,079	6.50	4.10	0.31	164,500
Sunglasses	3	334	2.15	0.06	0.00	2,300
Eis (flower, shell)	5	4,302	16.51	0.73	0.05	29,400
Wallet	1	43	0.84	0.01	0.00	300
Tooth brush	8	580	1.40	0.10	0.01	4,000
Hair accessories (pins, comb, etc)	5	214	0.84	0.04	0.00	1,500
Hair colour	1	352	6.74	0.06	0.00	2,400
Hair conditioner	12	1,314	2.11	0.22	0.02	9,000
Hair shampoo	32	5,206	3.12	0.89	0.07	35,600
Hair spray, mousse, gel	3	742	4.77	0.13	0.01	5,100
Lipstick	1	10	0.28	0.00	0.00	100
Make up kit	2	18	0.14	0.00	0.00	100
Moisturiser	1	117	2.25	0.02	0.00	800
Razor, blades, tweezer and other hair equipment	15	1,271	1.63	0.22	0.02	8,700
Paper tissues	6	680	2.15	0.11	0.01	4,600
Other personal goods n.e.c	5	1,381	5.28	0.23	0.02	9,400
Monoï	10	1,464	2.81	0.25	0.02	10,000
Donations for funeral	34	7,910	4.46	1.35	0.10	54,000
Rito made craft	5	2,565	9.83	0.44	0.03	17,500
Wet Ones	7	1,714	4.69	0.29	0.02	11,700
Air freshner	3	368	2.34	0.06	0.00	2,500
Bangles	1	51	0.84	0.01	0.00	300
Family Functions	1	40	0.84	0.01	0.00	300
Passport	3	170	1.12	0.03	0.00	1,200
Reading Glasses	1	20	0.28	0.00	0.00	100
Other misc. payments of goods and services n.e.c	9	5,495	11.70	0.94	0.07	37,500

Table 2: Average Weekly Household Cash Expenditure, Percentage Distribution of Expenditure, Number of Households Reporting Expenditure, Estimated Annual Expenditure of all Households, by Group, sub-group and Item.

Rarotonga, 1998

Description of Group, Sub-group and Item	Number of Households reporting Expenditure	Annual Expenditure of sample Households	Average Weekly Expenditure per sample Household	Annual Expenditure as a percentage of		Estimated Annual Expenditure of all Households
				Group	Total	
				%	%	
	No.	\$	\$	%	%	\$
Payment of misc. goods	216	126,122	11.20	21.49	1.60	861,700
TOTAL - MISCELLANEOUS GOODS AND SERVICES	366	586,822	30.75	100.00	7.43	4,009,200
CREDIT SCHEMES AND CHARGES						
Latest premium paid	32	70,182	42.06	12.83	0.89	479,500
Latest interest paid	30	14,324	9.16	2.62	0.18	97,900
Loans	32	84,505	50.64	15.45	1.07	577,300
Interest charged on charge account	6	3,232	10.34	0.59	0.04	22,100
Other charges on charge account	5	2,962	11.34	0.54	0.04	20,200
Interest charged on credit card	13	3,818	5.64	0.70	0.05	26,100
Other charges on credit card	7	360	1.00	0.07	0.00	2,500
Interest charged on cheque account	12	966	1.54	0.18	0.01	6,600
Other charges on cheque account	18	822	0.87	0.15	0.01	5,600
Credit Charges	42	12,160	5.55	2.22	0.15	83,100
TOTAL - CREDIT SCHEMES AND CHARGES	42	96,665	44.14	100.00	1.22	660,400
TOTAL HOUSEHOLD CASH EXPENDITURE	376	7,894,011	402.66	--	100.00	53,931,900
Endowment	24	41,147	32.88	7.52	--	281,100
Whole of life	27	30,919	21.96	5.65	--	211,200
Medical	14	14,822	20.31	2.71	--	101,300
Travel Insurance	3	290	1.87	0.05	--	2,000
Superannuation	99	136,617	26.47	24.98	--	933,400
Personal benefit scheme	122	223,796	35.18	40.92	--	1,529,000
Gifts of money to other households within the Cook Islands	113	251,110	42.62	45.91	--	1,715,600
Pocket money for children	30	16,137	10.32	2.95	--	110,300
Raffles, Lottos, etc less winnings	45	27,622	11.77	5.05	--	188,700
Housie costs less winnings	9	14,859	31.66	2.72	--	101,500
Contributions to religious organisations (tithe)	15	9,061	11.58	1.66	--	61,900
Contributions to savings	9	3,181	6.77	0.58	--	21,700
Other payments n.e.c	4	1,161	5.54	0.21	--	7,900
Miscellaneous Payments	160	323,131	38.73	59.08	--	2,207,600
TOTAL - OTHER EXPENDITURES OR SAVINGS	235	546,927	44.64	100.00	--	3,736,600

Table 3: Estimated Value of Household Consumption of Home Produced Items, Number of Households Reporting Items, Annual and Weekly Expenditure

Rarotonga, 1998				
Description of Item	Number of Households reporting Items	Average Weekly Consumption per sample Household	Average Weekly Consumption of all Households	Estimated Annual Consumption of all Households
	No.	\$	\$	\$
Avocado	24	1.64	0.11	14,100
Bananas	90	4.29	1.03	137,400
Chestnuts	14	6.36	0.24	31,700
Coconut (drinking nut)	42	3.28	0.37	49,100
Coconut (dry nut)	113	3.23	0.97	130,000
Guava	8	1.18	0.03	3,400
Lemons	24	1.22	0.08	10,500
Mangoes	79	5.72	1.20	161,000
Oranges	7	2.46	0.05	6,100
Pawpaws	41	2.23	0.24	32,500
Vikavakava	4	0.80	0.01	1,100
Watermelon	7	3.28	0.06	8,200
Fruit Juices	1	1.50	0.00	500
Other fresh fruits n.e.c	3	1.92	0.01	2,000
Carambola	10	0.72	0.02	2,600
Uto	3	2.13	0.02	2,300
Custard Apple	1	0.75	0.00	300
Total - Fruits	188	8.85	4.42	592,700
Breadfruit	96	3.23	0.82	110,400
Rukau (taro leaves)	115	5.46	1.67	223,700
Cabbage	17	3.18	0.14	19,200
Lettuce	29	2.13	0.16	22,000
Carrots	7	1.96	0.04	4,900
Cucumber	18	1.50	0.07	9,600
Pumpkin	6	4.39	0.07	9,400
Arrowroot	86	4.13	0.94	126,500
Kumara	67	4.30	0.77	102,600
Taro	174	9.35	4.33	579,700
Tarotarua	10	4.44	0.12	15,800
Tomatoes	43	3.23	0.37	49,500
Other fresh vegetables	3	2.25	0.02	2,400
Chinese Cabbage	6	1.63	0.03	3,500
Rukau viti (bele)	19	3.09	0.16	20,900
Capsicum	4	1.68	0.02	2,400
Corn (on cob or frozen)	2	1.50	0.01	1,100
Water Cress	3	1.83	0.01	2,000
Tumeric (renga)	2	0.55	0.00	400
Silverbeet	2	1.63	0.01	1,200
Total - Vegetables	234	15.68	9.76	1,307,100
Pork fresh	55	14.61	2.14	286,300
Other fresh/frozen meat	1	1.00	0.00	400
Goat meat	3	7.50	0.06	8,000
Total - Meat & meat products	55	15.04	2.20	294,600
Chicken	27	7.86	0.56	75,600
Total - Poultry	27	7.86	0.56	75,600

Table 3: Estimated Value of Household Consumption of Home Produced Items, Number of Households Reporting Items, Annual and Weekly Expenditure

Rarotonga, 1998				
Description of Item	Number of Households reporting Items	Average Weekly Consumption per sample Household	Average Weekly Consumption of all Households	Estimated Annual Consumption of all Households
	No.	\$	\$	\$
Tuna	14	12.93	0.48	64,500
Flying fish	25	6.52	0.43	58,100
Frozen fish	5	12.40	0.16	22,100
Other fresh and frozen fish	104	12.49	3.45	462,600
Octopus, Squids	12	5.71	0.18	24,400
Tupa	2	25.00	0.13	17,800
Rori	1	2.50	0.01	900
Kina	1	2.50	0.01	900
Other shell fish n.e.c	4	3.31	0.04	4,700
Total - Fish incl. shellfish	126	14.61	4.90	655,900
Egg	3	2.05	0.02	2,200
Coconut cream	31	2.26	0.19	25,000
Mitiore	1	2.50	0.01	900
Maniota uki	2	2.25	0.01	1,600
Other Foods n.e.c	1	5.00	0.01	1,800
Varaoa Karo	1	5.00	0.01	1,800
Total - Other Foods	37	2.52	0.25	33,200
Handicrafts	3	6.53	0.05	7,000
Total - Other Goods	3	6.53	0.05	7,000
TOTAL HOME PRODUCED	263	31.66	22.14	2,966,100

Table 4: Average Weekly Household Income, Percentage Distribution of Income Number of Households Reporting Income, Estimated Annual Income of all Households, by Source.

Rarotonga, 1998					
Source of Income	Number of Households reporting Income	Annual Income of sample Households	Average Weekly Income per sample Household	Annual Income as a % of Total	Estimated Annual Income of all Households
	No.	\$	\$	%	\$
Remuneration	335	7,939,516	454.55	80.61	54,242,800
Wages/Salaries	321	7,519,087	449.25	76.34	51,370,400
Payment in kind	25	56,389	43.25	0.57	385,200
From previous employment	49	321,887	125.99	3.27	2,199,100
Services to other households	42	42,153	19.25	0.43	288,000
Entrepreneurial Income	263	737,000	53.75	7.48	5,035,200
Directors fees, honoraria, and other fees	8	40,800	97.80	0.41	278,700
Income from partnership or shareholder	6	52,635	168.25	0.53	359,600
Own plantation and business	47	210,437	85.87	2.14	1,437,700
Value of Home Consumption	263	433,128	31.59	4.40	2,959,100
Property Income	35	303,024	166.05	3.08	2,070,300
Interest	18	42,741	45.54	0.43	292,000
Rent (net of actual expenses)	8	49,848	119.52	0.51	340,600
Royalties	3	20,950	133.91	0.21	143,100
Irregular income from land	9	189,485	403.81	1.92	1,294,600
Current Transfers	287	601,495	40.20	6.11	4,109,400
Child benefit-Internal	188	159,470	16.27	1.62	1,089,500
Old age pension-Internal	63	175,008	53.28	1.78	1,195,700
Destitute/Infirmit benefit-Internal	10	13,940	26.73	0.14	95,200
Cash received from friends/relatives - Internal	35	8,320	4.56	0.08	56,800
Goods received from friends/relatives - Internal	114	5,431	0.91	0.06	37,100
Benefits or pensions - Overseas	7	70,856	194.14	0.72	484,100
Cash received from friends/relatives - Overseas	49	39,631	15.51	0.40	270,800
Goods received from friends/relatives - Overseas	26	15,875	11.71	0.16	108,500
Superannuation	19	99,107	100.04	1.01	677,100
War pension	1	2,256	43.23	0.02	15,400
Irregular income for child maintenance	5	11,600	44.52	0.12	79,300
Other Income	37	268,731	139.30	2.73	1,836,000
Life Insurance	15	108,440	138.66	1.10	740,900
Proceeds from sale of motor vehicle	11	68,100	118.75	0.69	465,300
Income from Raffles (net)	6	15,343	49.03	0.16	104,800
Income from sale of foods	3	1,630	10.39	0.02	11,100
Irregular Income from Tax Refunds	1	1,138	21.90	0.01	7,800
Income from a Trust Account	3	74,080	473.58	0.75	506,100
TOTAL INCOME	376	9,849,765	502.42	100.00	67,293,600
Less:	298	1,363,052	87.73	-	9,312,400
Taxes on Wages and Salaries	304	1,226,435	77.37	-	8,379,000
Superannuation contributions	99	136,617	26.47	-	933,400
TOTAL AVAILABLE INCOME	376	8,486,713	432.89	-	57,981,200

Table 5: Average Weekly Hours spent on Activities by Sex and Age Groups

Activity Description	Age Groups						Total
	15-19	20-29	30-39	40-49	50-59	60+	
	Both						
Paid labour force work	31	45	43	43	43	41	43
Unpaid worker in plantation or business	17	11	20	16	22	32	21
Produced food for household consumption	6	7	11	12	16	14	11
Produced goods for household consumption	10	6	8	9	13	10	9
Domestic work	12	17	22	19	22	23	19
Childcare & caring for other household members	22	31	29	23	24	28	27
Religious & church activities	6	7	9	7	12	10	9
Education	41	16	17	17	10	7	24
Personal care	78	78	76	79	78	91	79
Social entertainment	15	15	14	14	12	11	14
Sports & hobbies	13	10	8	11	8	9	10
Community work	8	7	10	10	10	16	10
Cultural group & other activities	9	12	7	13	15	17	11
Free time activities	33	34	31	33	33	41	33
Average Hours per week	187	192	195	195	189	188	192
	Male						
Paid labour force work	33	46	44	45	43	31	43
Unpaid worker in plantation or business	19	14	16	14	19	36	21
Produced food for household consumption	11	15	16	15	17	17	15
Produced goods for household consumption	5	9	13	13	17	15	12
Domestic work	10	7	15	10	13	6	10
Childcare & caring for other household members	19	20	26	9	26	25	21
Religious & church activities	6	8	9	6	11	9	8
Education	37	18	17	20	15	8	24
Personal care	80	77	76	78	76	90	79
Social entertainment	12	12	14	14	11	11	13
Sports & hobbies	14	11	8	10	7	10	11
Community work	9	9	11	10	6	19	10
Cultural group & other activities	9	15	7	15	27	23	14
Free time activities	31	31	29	34	34	43	33
Average Hours per week	182	183	189	190	187	187	186
	Female						
Paid labour force work	29	44	42	41	42	59	42
Unpaid worker in plantation or business	7	6	24	21	28	18	21
Produced food for household consumption	13	19	26	23	26	29	23
Produced goods for household consumption	8	5	9	9	14	9	9
Domestic work	9	5	5	8	13	13	9
Childcare & caring for other household members	24	35	30	30	23	30	30
Religious & church activities	7	7	9	8	12	11	9
Education	45	14	17	15	7	5	24
Personal care	75	78	76	80	79	92	79
Social entertainment	18	17	14	13	13	11	15
Sports & hobbies	12	9	8	13	8	4	10
Community work	4	6	8	10	11	9	9
Cultural group & other activities	9	9	7	11	10	15	9
Free time activities	34	36	33	31	31	39	34
Average Hours per week	191	201	201	202	192	190	198