VNSO
VANUATU NATIONAL STATISTICS OFFICE
BUREAU NATIONAL DES STATISTIQUES

Vanuatu

Household Income and Expenditure Survey 2010

Report

Vanuatu National Statistics Office
December 2012

2010 Household Income and Expenditure Survey

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The Vanuatu National Statistics Office (VNSO) is a Government Department and is Vanuatu's official statistical agency. Its roles and functions are governed by the Statistics Act of 1983. The Department is headed by the Vanuatu Government Statistician whose responsibilities are also detailed in the Statistics Act.

Functions and Responsibilities

The function of the VNSO is to collect and produce reliable and accurate statistics about the economic and social characteristics of Vanuatu, for use by government departments, private institutions, businesses, overseas organisations, researchers, students and the general public.

Statistics produced by VNSO have an important role in the formulation, implementation and monitoring of government policies. This has become increasingly important as the Government is annually evaluating progress towards achieving the goals in the national development strategy, the Priorities and Action Agenda (PAA). The annual progress report is the Annual Development Report.

Foreword

The 2010 Household Income and Expenditure Survey (HIES) was the second comprehensive survey of its type conducted by the Vanuatu National Statistics Office (VNSO) to provide estimates of household income and expenditure at the provincial level. The 2006 HIES was the first in the country with full national coverage and reliable results at the province and municipal level. These two surveys have been used to derive indicators for income and wellbeing, much needed information to monitor progress towards achieving national strategies for improving household income through private sector led growth.

The HIES provides a wealth of information about household expenditure and income, including so called 'subsistence activities' where households produce and consume their own food from the land and sea, provide household supplies like firewood and thatch and other items such as oils, handicrafts and clothing. This report provides the main HIES results, with much more analysis possible from the data than that contained here. There is a separate report containing the results of the poverty analysis of the HIES data.

My sincere thanks goes to the United States Government through the Millennium Challenge Corporation (MCC) and the then Millennium Challenge Account, Vanuatu (MCA) for their funding assistance for this project and for providing the technical assistance throughout the survey.

I wish to acknowledge the important contributions of VNSO staff in the successful conduct of the HIES and the completion of this HIES, including Mr Harry Nalau his oversight of the survey and this report, the staff who produced the separate chapters in this report and conducted the field training. Sincere thanks are also extended to the provincial survey coordinators, supervisors and enumerators for working hard in the field collecting the required data.

But it is the members of the households who patiently completed the detailed HIES questionnaires with the survey enumerators and provided all of the necessary information required over the two week survey period who justifiably deserve the greatest vote of appreciation and thanks in the preparation of this report.

Honourable Charlot Salwai

Minister
Ministry of Finance and Economic Management

Preface

The Vanuatu National Statistics Office (VNSO) is pleased to publish the 2010 Household Income and Expenditure Survey (HIES) final report. The report is based on the results of the survey conducted over a three month period in late 2010.

The 2010 HIES survey was a joint government and donor partner funded data collection to derive quantitative statistical information on the income and expenditure of households in urban and rural areas to analyse changing levels and patterns of income and expenditure since the 2006 HIES.

The specific objectives of the survey were to obtain household income and expenditure levels to compare against 2006 benchmarks; to derive the expenditure weights and other data to update of the basket of items and weights used in the Consumer Price Index (CPI); to supplement the data available for use in compiling official estimates of household sector production in the System of National Accounts and subsequent estimates of Gross Domestic Product (GDP); to provide data for assessing the impact on household living conditions of existing and proposed economic and social policies and programmes, particularly those resulting in changes in the structure of household expenditure and consumption; to supply basic data needed for policy making in connection with social and economic planning; and to gather information on key poverty indicators and statistics for poverty analysis.

This final report on the HIES results is a tribute to the contributions of staff from the VNSO who managed the survey and data collection activities, completed the data processing and editing, and finally those who compiled the final HIES results. My sincere thanks to all of the VNSO staff and contracted employees who worked on the survey and contributed to this report in one way or another.

This publication will be a valuable resource for the researchers, especially planners and decision-makers, as they develop and review policies and programmes for the sustainable social and economic development of Vanuatu.

Mr Simil Johnson

Government Statistician

Abbreviations

Av.	Average (arithmetic mean)
BNPL	Basic Needs Poverty Line
Clothing & f'wear	Clothing and footwear expenditure group
CPI	Consumer Price Index
EA	Enumeration Areas
FPL	Food Poverty Line
GDP	Gross Domestic Product
H'hold	Household
H'hold opn	Household operation expenditure group
HCI	Head Count Index
HIES	Household Income and Expenditure Survey
LFPR	Labour Force Participation Rate
MCC	Millennium Challenge Corporation
MDGs	Millennium Development Goals
MoE	Ministry of Education
NEC	Not Elsewhere Classified
NGO	Non-Government Organisation
OA	Own Account
PAA	Priorities and Action Agenda
PGI	Poverty Gap Index
Pop	Population
PPP	Purchasing Power Parity
PPS	Probability Proportional Size
RSE	Relative Standard Error
SPGI	Squared Poverty Gap Index
UNELCO	Union Electrique Companie du Vanuatu
VAT	Value Added Tax
VIP	Ventilated Improved Latrine
VNSO	Vanuatu National Statistics Office
Vt	Vatu (Vt 100 was approximately $US1.07 at the time of the 2010 HIES)
VUI	Vanuatu Utilities and Infrastructure

Key results 2010 HIES

		Rural							Urban		
	Vanuatu	**Torba**	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**
Population	249,850	9,710	35,240	31,100	37,600	37,280	34,360	185,290	15,110	49,450	64,560
Households	50,740	1,790	7,040	6,930	8,680	6,960	6,880	38,270	2,700	9,760	12,470
Average h'hold size	4.9	5.4	5.0	4.5	4.3	5.4	5.0	4.8	5.6	5.1	5.2
% population aged > 15 years	40%	40%	41%	45%	40%	35%	50%	42%	36%	33%	34%
% population aged 15 – 59 years	55%	53%	54%	49%	53%	59%	45%	52%	60%	64%	63%
% population aged 60+	5%	7%	5%	6%	7%	5%	5%	6%	4%	3%	3%
Monthly income (Million Vatu)	4,156.2	116.6	654.6	460.9	517.3	871.9	366.1	2,987.3	196.4	972.5	1,168.9
Av. h'hold monthly income	83,800	65,800	94,000	67,700	60,200	131,800	53,500	79,500	74,100	104,100	97,500
Av. per capita monthly income	17,000	12,100	18,800	15,000	13,800	24,500	10,700	16,400	13,200	20,400	18,700
% income from cash sources[1]	68%	53%	58%	47%	56%	81%	30%	59%	86%	91%	90%
Monthly expenditure (Million Vatu)	3,864.1	108.5	497.2	502.0	494.8	600.4	448.0	2,651.0	209.9	1,003.3	1,213.1
Av. h'hold monthly expenditure	76,200	60,600	70,700	72,500	57,000	86,300	65,100	69,300	77,700	102,700	97,300
Av. per capita monthly expenditure	15,500	11,200	14,100	16,100	13,200	16,100	13,000	14,300	13,900	20,300	18,800
% cash expenditure[2]	36%	36%	26%	28%	34%	38%	23%	30%	51%	47%	47%
% subsistence (OA) expenditure	32%	48%	53%	44%	44%	26%	53%	43%	12%	7%	8%
% population below BNPL – 2006	13.0%							11.5%	12.2%	20.1%	
% population below BNPL – 2010	12.7%							10.0%	23.6%	18.4%	
% h'holds below BNPL – 2006	10.3%							9.0%	10.4%	16.3%	
% h'holds below BNPL – 2010	10.7%							8.5%	19.4%	14.7%	

[1] Cash income sources exclude own-account (subsistence) income and gifts of goods received.

[2] Cash expenditure is all cash expenditure and excludes own-account (subsistence) consumption and gifts given and received.

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Introduction

This analysis report of the key results of the 2010 Household Income and Expenditure Survey (HIES) provides more detailed information from that released previously by the VNSO.

This report follows a similar format to the 2006 HIES report to enable interested readers to compare results between the two surveys. The HIES is a very rich dataset and this report presents the key findings in the main subject areas. For further information on household income and expenditure users are encouraged to contact the Vanuatu National Statistics Office.

HIES objectives

The 2010 HIES is the second survey of income and expenditure in Vanuatu to provide reliable sub-national estimates, with the 2006 HIES being the first time this was attempted. The first HIES was conducted in 1985 in the two urban centres of Luganville and Port Vila. Another was conducted in 1998 but unfortunately, for a number of reasons to do with errors of estimation and observation, the 1998 HIES did not provide reliable and accurate estimates. With the lessons learnt from past experience, the main objectives for the 2010 survey were to:

- Supply monitoring data needed for the then Millennium Challenge Account, Vanuatu (MCA) infrastructure projects;
- Supplement the data available for use in compiling official estimates of household accounts in the system of national accounts and subsequent estimates of Gross Domestic Product (GDP);
- Obtain expenditure weights and other data for the updating of the basket of items and weights used in the Consumer Price Index (CPI);
- Provide data for assessing the impact on household living conditions of existing and proposed economic and social policies and programmes, particularly those resulting in changes in the structure of household expenditure and consumption; and
- Gather information on key poverty indicators and statistics for poverty analysis.

The technical details for the 2010 HIES, including sample selection, survey operations and data quality measures are contained in Annex 1 of this report.

Standards

All household estimates have been rounded to base 10; so tables with household counts of five or less have been rounded down to 0; counts of six and higher rounded up to 10. In the analysis tables where 0 is present this means less than five households. Likewise expenditure amounts have been rounded up or down to the nearest Vt 100. A blank cell in a statistical table means zero.

In the tables Shefa is rural Shefa only, excluding the urban centre of Port Vila. Likewise Sanma province refers to rural Sanma and the municipality of Luganville is presented separately as an urban area.

Unless stated otherwise, averages for expenditure and income have been calculated by dividing by the households having the specific income or expenditure, not total households.

It is possible to analyse all transactions recorded by the HIES, both income and expenditure, according to the actual item being purchased or received (using the 'item classification') as well as the type of transaction used to acquire the good, service, income or other expenditure for which no good or service was obtained (called non-consumption expenditure). The type of transaction was classified according to cash purchase, own-account (subsistence) production, and gifts of goods received and gifts of goods given.

To assist users in analysing the HIES expenditure data by either item or transaction type Annex 2 contains the detailed data for all expenditure items recorded in the HIES, along with the types of transactions.

Chapter 1. Population and households

Concepts and definitions

This section describes selected characteristics of the population of Vanuatu and the households that they live in. The demographic profile includes the population structure by gender and age groups, household size as well as the distribution of the population by living arrangements and marital status.

The HIES surveyed the population living in private households. A household is a group of persons (or a single person) who usually live together and have a common arrangement for food, such as using a common kitchen or a common food budget. The persons may be related to each other or may be non-relatives, including servants or other employees, staying with the employer. The head of the household is for the most part the main decision maker, if this person was not available to interview another senior member of the household was the household head. Persons living in institutions, such as school dormitories, hospital wards, hostels and prisons were excluded from the survey. Also excluded from the survey were expatriate temporary residents and permanent residents who were not residing (and intending to reside) in Vanuatu for at least 12 months.

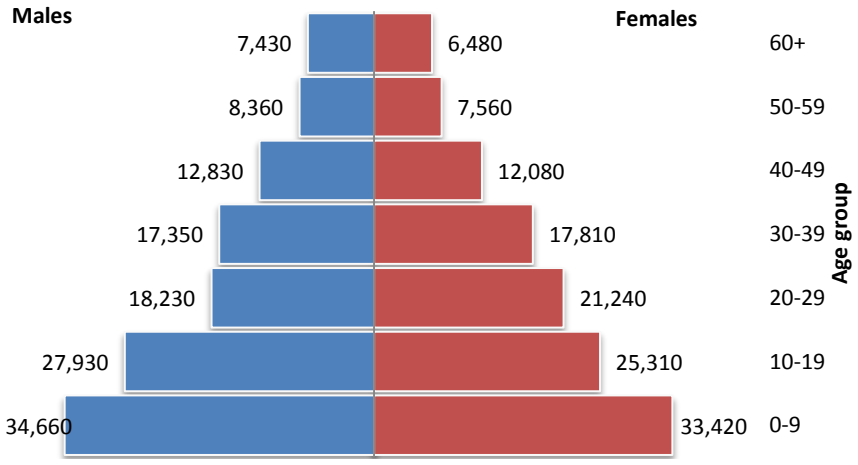
Results

The 2010 HIES counted 249,850 persons living in Vanuatu, of which 51% were male and 49% female. Key features of the Vanuatu population are that:

1. It is largely rural, with 78% of people living in households in rural areas
2. It has a young age structure with 40% of the population aged under 15 years and only 5% aged over 60 years.

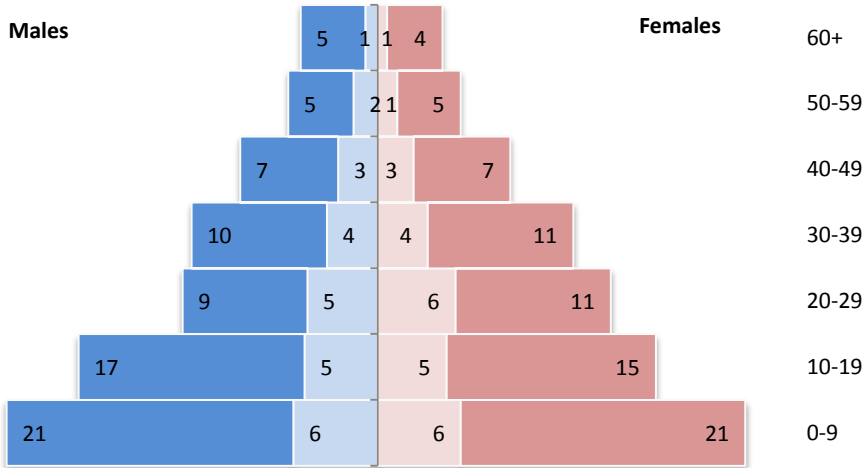
The province with the largest population was Shefa which includes the urban area of Port Vila and comprised 35% of the total population (15% in rural Shefa and 20% in Port Vila).

Figure 1-1 Vanuatu population structure, 10 year age group and sex, 2010 HIES



The population pyramid (Figure 1-1) shows the young age of the population with the flat base of the pyramid, about 40% of the population was aged under 15 years compared to 5% aged 60 years and above.

Figure 1-2 Rural and urban population structure in 10 year age groups, sex and region, 2010 HIES



Dark shading shows population in rural areas, light shading shows urban

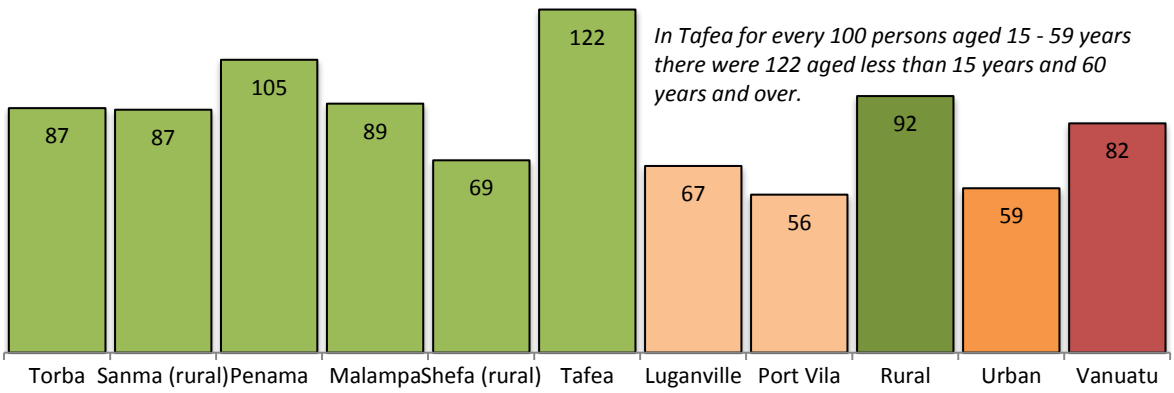
The age distribution and region of residence shows the different age composition of the urban and rural population (Figure 1-2). The urban population had a more even distribution of the population aged under 30 years compared to the rural population which has a much younger distribution.

On average 4.9 (or five) people usually lived together in one household, with the largest households in Torba, Sanma, Shefa and Tafea provinces. Urban households were on average slightly larger than rural ones with an average of 5.2 people.

There were 6,660 or 13% of households where a female was the head of the household (essentially the person in charge of the household, although this is sometimes interpreted as the most senior person present). Households headed by females were smaller in size than those headed by males, with an average of 3.9 people compared with 5.1 people in male-headed households. Because of their smaller size, households headed by females had a higher per capita expenditure level at Vt 16,400 per month than compared to male headed households (Vt 15,700). However female headed households had lower average household expenditure at Vt 64,600 compared with male-headed households (Vt 79,600). Despite the variation in household size, male headed households within rural Shefa (excluding Port Vila) had higher average household expenditure at Vt 90,400 compared to households headed by females at Vt 77,900.

Figure 1-3 Dependency ratio, province, region, number of dependents per 100 working aged population, 2010 HIES

Dependency ratio: the number of persons aged less than 15 years and 60 years and over per 100 people aged 15 - 59



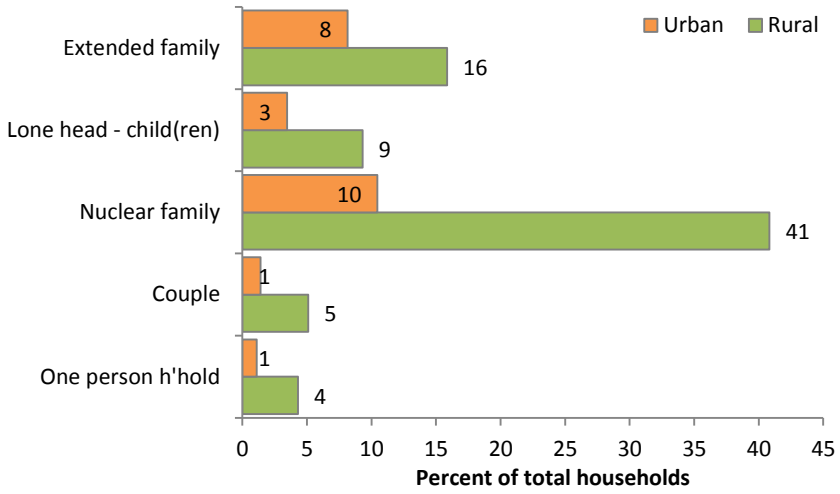
In Vanuatu there were 82 dependent persons aged under 15 or 60 years and over for every 100 people aged between 15 and 59 years, with the highest dependency ratio found in Tafea where there were 122 dependents for every 100 people of working age (Figure 1-3). Alternatively, this rate can be interpreted as 82% of the population was dependent on the working age group, which increased to 122% dependency in Tafea. When the

sex of the household head was taken into account, female headed households in Tafea, Malampa and Penama had more dependents than economically active persons with dependency ratios over 100. The urban areas of Luganville and Port Vila had the lowest dependency ratios for slightly different reasons: in Luganville there was a relatively low proportion of people aged under 14 and 60 years and over, whereas in Port Vila there were more people in the working age group.

Differences between the number of males and females can be seen in the sex ratio. In 2010, the sex ratio for the whole of Vanuatu was 103 males for every 100 females. The urban area of Luganville had the highest sex ratio of 110: for every 100 females there were 110 males showing that females were outnumbered by males.

Households comprising of a head and his or her spouse and their children (the so-called 'nuclear family') made up 51% of all households and extended families 24% of households (Figure 1-4). Almost one in three households (31%) consisted of an extended family where the head and spouse live with children, grandchildren and/or other relatives. Overall 13% of all households were headed by someone without a spouse or partner – so called 'lone head' households. The HIES highlighted the fundamentally different structure of female- and male-headed households where female heads were far more likely to be living alone or as a solo parent with her children and other relations (lone head with children and extended family).

Figure 1-4 Vanuatu household arrangements, percent of total households, 2010 HIES



Just over two thirds or 68% of the adult population (people aged 15 years and over) were legally married or living in a de facto relationship at the time of the HIES, and a further 28% were never married. A slightly higher proportion of females were married or living as married than males with 59% compared to 57% of males. A further 5% of adult women were widowed, compared with 2% of males.

Statistical tables

Table 1-1 Province, age group and sex, 2010 HIES

	Province										
Age Group	Torba	Sanma	Penama	Malampa	Shefa	Tafea	*Rural*	Luganville	Port Vila	*Urban*	Vanuatu
Total	*9,710*	*35,240*	*31,100*	*37,600*	*37,280*	*34,360*	*185,290*	*15,110*	*49,450*	*64,560*	*249,850*
0–4	1,280	4,990	5,110	4,960	4,470	5,670	*26,480*	1,850	6,490	*8,340*	34,820
5–9	1,240	5,020	4,650	5,280	4,200	5,770	*26,160*	1,810	5,300	*7,110*	33,270
10–14	1,350	4,550	4,170	4,700	4,480	5,600	*24,860*	1,750	4,650	*6,400*	31,250
15–19	1,020	3,260	2,120	2,570	3,900	2,380	*15,260*	1,440	5,270	*6,720*	21,980
20–24	800	2,710	1,900	2,500	3,240	2,050	*13,210*	1,370	6,050	*7,420*	20,630
25–29	640	2,340	2,260	2,730	2,590	1,990	*12,560*	1,210	5,050	*6,260*	18,820
30–34	590	2,540	2,240	2,750	2,730	2,380	*13,230*	1,130	3,750	*4,880*	18,110
35–39	650	2,570	2,010	2,410	2,760	2,250	*12,640*	1,100	3,330	*4,430*	17,070
40–44	510	1,790	1,550	2,310	2,200	1,280	*9,640*	830	3,210	*4,040*	13,680
45–49	470	1,450	1,240	1,870	2,060	1,230	*8,320*	880	2,040	*2,930*	11,240
50–54	250	1,130	950	1,660	1,510	1,100	*6,600*	560	1,760	*2,320*	8,920
55–59	250	1,080	920	1,130	1,110	770	*5,270*	540	1,170	*1,710*	6,980
60–64	250	600	600	820	850	730	*3,850*	310	640	*950*	4,800
65+	420	1,190	1,380	1,900	1,170	1,150	*7,210*	330	740	*1,070*	8,280
Males	*4,910*	*18,100*	*16,010*	*18,670*	*19,120*	*16,650*	*93,470*	*7,910*	*25,210*	*33,120*	*126,590*
0–4	580	2,600	2,710	2,490	2,320	2,750	*13,440*	910	3,340	*4,250*	17,700
5–9	630	2,660	2,430	2,670	2,100	2,830	*13,330*	970	2,670	*3,630*	16,970
10–14	700	2,540	2,460	2,360	2,440	2,850	*13,340*	1,020	2,640	*3,660*	17,000
15–19	560	1,520	1,130	1,350	2,020	1,160	*7,750*	800	2,380	*3,180*	10,930
20–24	390	1,260	850	970	1,740	730	*5,930*	670	2,940	*3,610*	9,550
25–29	320	980	1,010	1,120	1,350	940	*5,720*	560	2,400	*2,960*	8,680
30–34	300	1,240	1,090	1,430	1,200	1,180	*6,460*	580	2,090	*2,670*	9,130
35–39	300	1,460	940	1,120	1,300	1,060	*6,190*	470	1,590	*2,060*	8,250
40–44	260	930	800	1,370	1,220	560	*5,140*	430	1,600	*2,040*	7,180
45–49	230	740	540	780	1,080	640	*4,010*	470	1,180	*1,650*	5,660
50–54	110	590	560	880	680	510	*3,330*	310	1,000	*1,310*	4,640
55–59	130	640	440	600	540	430	*2,780*	310	630	*930*	3,710
60–64	130	250	340	470	450	380	*2,010*	170	350	*520*	2,530
65+	260	700	710	1,050	680	630	*4,030*	240	390	*630*	4,660
Females	*4,800*	*17,130*	*15,090*	*18,930*	*18,160*	*17,710*	*91,820*	*7,200*	*24,240*	*31,450*	*123,270*
0–4	700	2,390	2,400	2,480	2,140	2,930	*13,040*	940	3,140	*4,090*	17,130
5–9	600	2,370	2,210	2,610	2,100	2,930	*12,830*	840	2,640	*3,480*	16,300
10–14	650	2,020	1,710	2,340	2,050	2,750	*11,510*	730	2,010	*2,740*	14,250
15–19	460	1,740	990	1,220	1,880	1,220	*7,520*	650	2,890	*3,530*	11,050
20–24	410	1,450	1,060	1,530	1,510	1,330	*7,280*	690	3,110	*3,800*	11,080
25–29	310	1,370	1,260	1,610	1,240	1,060	*6,840*	650	2,650	*3,300*	10,140
30–34	290	1,300	1,140	1,320	1,530	1,200	*6,780*	550	1,660	*2,200*	8,980
35–39	350	1,110	1,070	1,280	1,460	1,180	*6,450*	630	1,740	*2,370*	8,820
40–44	260	860	750	940	980	720	*4,490*	400	1,600	*2,010*	6,500
45–49	240	710	700	1,080	980	590	*4,310*	410	860	*1,270*	5,580
50–54	140	540	390	780	830	600	*3,270*	250	760	*1,010*	4,280
55–59	130	440	480	520	570	350	*2,490*	240	540	*780*	3,270
60–64	120	350	260	350	400	360	*1,840*	140	290	*430*	2,270
65+	160	490	670	850	490	520	*3,180*	80	350	*440*	3,620

Table 1-2 Province, age group and sex, percent total population, 2010 HIES

Age group	Province										
	Torba	Sanma	Penama	Malampa	Shefa	Tafea	*Rural*	Luganville	Port Vila	*Urban*	Vanuatu
Total	*3.9*	*14.1*	*12.4*	*15.0*	*14.9*	*13.8*	*74.2*	*6.0*	*19.8*	*25.8*	*100.0*
0–4	0.5	2.0	2.0	2.0	1.8	2.3	*10.6*	0.7	2.6	*3.3*	13.9
5–9	0.5	2.0	1.9	2.1	1.7	2.3	*10.5*	0.7	2.1	*2.8*	13.3
10–14	0.5	1.8	1.7	1.9	1.8	2.2	*9.9*	0.7	1.9	*2.6*	12.5
15–19	0.4	1.3	0.8	1.0	1.6	1.0	*6.1*	0.6	2.1	*2.7*	8.8
20–24	0.3	1.1	0.8	1.0	1.3	0.8	*5.3*	0.5	2.4	*3.0*	8.3
25–29	0.3	0.9	0.9	1.1	1.0	0.8	*5.0*	0.5	2.0	*2.5*	7.5
30–34	0.2	1.0	0.9	1.1	1.1	1.0	*5.3*	0.5	1.5	*2.0*	7.2
35–39	0.3	1.0	0.8	1.0	1.1	0.9	*5.1*	0.4	1.3	*1.8*	6.8
40–44	0.2	0.7	0.6	0.9	0.9	0.5	*3.9*	0.3	1.3	*1.6*	5.5
45–49	0.2	0.6	0.5	0.7	0.8	0.5	*3.3*	0.4	0.8	*1.2*	4.5
50–54	0.1	0.5	0.4	0.7	0.6	0.4	*2.6*	0.2	0.7	*0.9*	3.6
55–59	0.1	0.4	0.4	0.5	0.4	0.3	*2.1*	0.2	0.5	*0.7*	2.8
60–64	0.1	0.2	0.2	0.3	0.3	0.3	*1.5*	0.1	0.3	*0.4*	1.9
65+	0.2	0.5	0.6	0.8	0.5	0.5	*2.9*	0.1	0.3	*0.4*	3.3
Males	*3.9*	*14.3*	*12.6*	*14.7*	*15.1*	*13.2*	*73.8*	*6.2*	*19.9*	*26.2*	*100.0*
0–4	0.2	1.0	1.1	1.0	0.9	1.1	*5.4*	0.4	1.3	*1.7*	7.1
5–9	0.3	1.1	1.0	1.1	0.8	1.1	*5.3*	0.4	1.1	*1.5*	6.8
10–14	0.3	1.0	1.0	0.9	1.0	1.1	*5.3*	0.4	1.1	*1.5*	6.8
15–19	0.2	0.6	0.5	0.5	0.8	0.5	*3.1*	0.3	1.0	*1.3*	4.4
20–24	0.2	0.5	0.3	0.4	0.7	0.3	*2.4*	0.3	1.2	*1.4*	3.8
25–29	0.1	0.4	0.4	0.4	0.5	0.4	*2.3*	0.2	1.0	*1.2*	3.5
30–34	0.1	0.5	0.4	0.6	0.5	0.5	*2.6*	0.2	0.8	*1.1*	3.7
35–39	0.1	0.6	0.4	0.4	0.5	0.4	*2.5*	0.2	0.6	*0.8*	3.3
40–44	0.1	0.4	0.3	0.5	0.5	0.2	*2.1*	0.2	0.6	*0.8*	2.9
45–49	0.1	0.3	0.2	0.3	0.4	0.3	*1.6*	0.2	0.5	*0.7*	2.3
50–54	0.0	0.2	0.2	0.4	0.3	0.2	*1.3*	0.1	0.4	*0.5*	1.9
55–59	0.1	0.3	0.2	0.2	0.2	0.2	*1.1*	0.1	0.3	*0.4*	1.5
60–64	0.1	0.1	0.1	0.2	0.2	0.2	*0.8*	0.1	0.1	*0.2*	1.0
65+	0.1	0.3	0.3	0.4	0.3	0.3	*1.6*	0.1	0.2	*0.3*	1.9
Females	*3.9*	*13.9*	*12.2*	*15.4*	*14.7*	*14.4*	*74.5*	*5.8*	*19.7*	*25.5*	*100.0*
0–4	0.3	1.0	1.0	1.0	0.9	1.2	*5.2*	0.4	1.3	*1.6*	6.9
5–9	0.2	0.9	0.9	1.0	0.8	1.2	*5.1*	0.3	1.1	*1.4*	6.5
10–14	0.3	0.8	0.7	0.9	0.8	1.1	*4.6*	0.3	0.8	*1.1*	5.7
15–19	0.2	0.7	0.4	0.5	0.8	0.5	*3.0*	0.3	1.2	*1.4*	4.4
20–24	0.2	0.6	0.4	0.6	0.6	0.5	*2.9*	0.3	1.2	*1.5*	4.4
25–29	0.1	0.5	0.5	0.6	0.5	0.4	*2.7*	0.3	1.1	*1.3*	4.1
30–34	0.1	0.5	0.5	0.5	0.6	0.5	*2.7*	0.2	0.7	*0.9*	3.6
35–39	0.1	0.4	0.4	0.5	0.6	0.5	*2.6*	0.3	0.7	*0.9*	3.5
40–44	0.1	0.3	0.3	0.4	0.4	0.3	*1.8*	0.2	0.6	*0.8*	2.6
45–49	0.1	0.3	0.3	0.4	0.4	0.2	*1.7*	0.2	0.3	*0.5*	2.2
50–54	0.1	0.2	0.2	0.3	0.3	0.2	*1.3*	0.1	0.3	*0.4*	1.7
55–59	0.1	0.2	0.2	0.2	0.2	0.1	*1.0*	0.1	0.2	*0.3*	1.3
60–64	0.0	0.1	0.1	0.1	0.2	0.1	*0.7*	0.1	0.1	*0.2*	0.9
65+	0.1	0.2	0.3	0.3	0.2	0.2	*1.3*	0.0	0.1	*0.2*	1.4

Table 1-3 Province, broad age group and sex, 2010 HIES

	Broad age group and sex											
	0–14			15–59			60+			Total		
Province	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Vanuatu	51,660	47,680	99,350	67,730	69,700	137,430	7,190	5,880	13,080	126,590	123,270	249,850
Torba	1,910	1,950	3,860	2,610	2,570	5,180	390	280	670	4,910	4,800	9,710
Samna	7,790	6,780	14,570	9,360	9,520	18,880	950	840	1,790	18,100	17,130	35,240
Penama	7,610	6,320	13,930	7,360	7,840	15,200	1,050	920	1,970	16,010	15,090	31,100
Malampa	7,510	7,430	14,950	9,640	10,290	19,930	1,520	1,210	2,720	18,670	18,930	37,600
Shefa	6,860	6,290	13,150	11,130	10,980	22,110	1,130	890	2,030	19,120	18,160	37,280
Tafea	8,430	8,610	17,040	7,210	8,230	15,440	1,010	870	1,880	16,650	17,710	34,360
Rural	*40,120*	*37,380*	*77,500*	*47,310*	*49,420*	*96,740*	*6,040*	*5,020*	*11,060*	*93,470*	*91,820*	*185,290*
Luganville	2,900	2,510	5,410	4,610	4,470	9,070	410	220	630	7,910	7,200	15,110
Port Vila	8,650	7,790	16,440	15,810	15,810	31,620	740	640	1,390	25,210	24,240	49,450
Urban	*11,550*	*10,300*	*21,850*	*20,420*	*20,280*	*40,700*	*1,150*	*860*	*2,020*	*33,120*	*31,450*	*64,560*

Table 1-4 Province, broad age group, sex and average household size, % total population, 2010 HIES

	Age Group and sex										
	0–14			15–59			60+				Average h'hold
Province	Male	Female	Total	Male	Female	Total	Male	Female	Total	Total	size
Vanuatu	40.8	38.7	39.8	53.5	56.5	55.0	5.7	4.8	5.2	100.0	4.9
Torba	1.5	1.6	1.5	2.1	2.1	2.1	0.3	0.2	0.3	3.9	5.4
Samna	6.2	5.5	5.8	7.4	7.7	7.6	0.8	0.7	0.7	14.1	5.0
Penama	6.0	5.1	5.6	5.8	6.4	6.1	0.8	0.7	0.8	12.4	4.5
Malampa	5.9	6.0	6.0	7.6	8.3	8.0	1.2	1.0	1.1	15.0	4.3
Shefa	5.4	5.1	5.3	8.8	8.9	8.8	0.9	0.7	0.8	14.9	5.4
Tafea	6.7	7.0	6.8	5.7	6.7	6.2	0.8	0.7	0.8	13.8	5.0
Rural	*31.7*	*30.3*	*31.0*	*37.4*	*40.1*	*38.7*	*4.8*	*4.1*	*4.4*	*74.2*	*4.8*
Luganville	2.3	2.0	2.2	3.6	3.6	3.6	0.3	0.2	0.3	6.0	5.6
Port Vila	6.8	6.3	6.6	12.5	12.8	12.7	0.6	0.5	0.6	19.8	5.1
Urban	*9.1*	*8.4*	*8.7*	*16.1*	*16.5*	*16.3*	*0.9*	*0.7*	*0.8*	*25.8*	*5.2*

Table 1-5 Sex ratio by province, region and broad age groups, number of women per 100 males, 2010 HIES

	Males per 100 females			
Province	0–14 years	15–59 years	60+	Total
Vanuatu	108	97	123	103
Torba	98	100	139	102
Samna	115	98	113	106
Penama	120	94	114	106
Malampa	101	94	126	99
Shefa	109	101	127	109
Tafea	98	87	116	94
Rural	*107*	*96*	*121*	*102*
Luganville	116	103	186	110
Port Vila	111	100	116	104
Urban	*112*	*101*	*134*	*105*

Table 1-6 Province, sex of household head, population and households, average monthly expenditure, 2010 HIES

Province	Household characteristics				
	Occupants	H'holds	Average h'hold size	Average expenditure per h'hold per month (Vt)	Average expenditure per capita per month (Vt)
All households	*249,850*	*50,740*	*4.9*	*77,600*	*15,800*
Torba	9,710	1,790	5.4	60,900	11,200
Sanma	35,240	7,040	5.0	71,400	14,300
Penama	31,100	6,930	4.5	74,200	16,500
Malampa	37,600	8,680	4.3	58,100	13,400
Shefa	37,280	6,960	5.4	88,500	16,500
Tafea	34,360	6,880	5.0	66,000	13,200
Rural	*185,290*	*38,270*	*4.8*	*70,500*	*14,600*
Luganville	15,110	2,700	5.6	78,900	14,100
Port Vila	49,450	9,760	5.1	104,800	20,700
Urban	*64,560*	*12,470*	*5.2*	*99,200*	*19,200*
Male household head	*223,600*	*44,070*	*5.1*	*79,600*	*15,700*
Torba	8,710	1,560	5.6	63,800	11,400
Sanma	32,730	6,370	5.1	72,600	14,100
Penama	28,100	5,990	4.7	77,800	16,600
Malampa	33,970	7,620	4.5	59,900	13,400
Shefa	32,480	5,880	5.5	90,400	16,400
Tafea	30,320	5,800	5.2	69,300	13,200
Rural	*166,320*	*33,210*	*5.0*	*72,800*	*14,500*
Luganville	13,840	2,410	5.7	79,400	13,800
Port Vila	43,430	8,450	5.1	106,200	20,700
Urban	57,280	10,860	5.3	100,300	19,000
Female household head	*26,260*	*6,660*	*3.9*	*64,600*	*16,400*
Torba	1,000	230	4.3	41,800	9,700
Sanma	2,500	670	3.8	60,100	16,000
Penama	3,000	940	3.2	51,800	16,300
Malampa	3,630	1,060	3.4	45,100	13,200
Shefa	4,810	1,070	4.5	77,900	17,400
Tafea	4,040	1,090	3.7	48,500	13,000
Rural	*18,970*	*5,060*	*3.8*	*55,900*	*14,900*
Luganville	1,270	290	4.4	74,700	17,000
Port Vila	6,010	1,320	4.6	95,900	21,000
Urban	*7,290*	*1,610*	*4.5*	*92,100*	*20,300*

Table 1-7 Province, household living arrangements and sex of household head, percent total households, 2010 HIES

	Province										
Household living arrangements	**Torba**	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Total	3.5	13.9	13.7	17.1	13.7	13.6	75	5	19	25	100.0
One person h'hold	0.1	0.5	0.9	1.2	0.9	0.7	4	0	1	1	5.4
Couple	0.2	1.0	0.8	1.7	0.8	0.7	5	0	1	1	6.5
Nuclear family	1.9	9.0	7.9	9.3	5.8	6.9	41	3	7	10	51.3
Lone head - child(ren)	0.2	0.7	0.9	1.1	0.8	1.1	5	0	1	1	5.9
Extended family - grandchildren only	0.5	1.1	1.0	1.9	0.8	1.4	7	0	1	1	7.8
Extended family - grandchildren / other relations	0.2	0.2	0.2	0.3	1.0	0.4	2	0	1	2	4.1
Extended family - other relations	0.2	0.9	1.1	1.0	1.9	1.7	7	1	5	5	12.1
Extended family - lone head	0.2	0.4	0.8	0.7	1.7	0.7	4	0	2	2	6.9
Male head	3.5	14.5	13.6	17.3	13.3	13.1	75.4	5.5	19.2	24.6	100.0
One person h'hold	0.1	0.4	0.5	0.9	0.9	0.4	3.1	0.1	0.8	0.9	4.1
Couple	0.2	1.1	0.9	1.9	0.9	0.8	5.8	0.4	1.1	1.5	7.3
Nuclear family	2.2	10.0	9.0	10.5	6.6	7.9	46.3	3.4	8.3	11.7	57.9
Lone head - child(ren)	0.0	0.3	0.3	0.3	0.2	0.3	1.4	0.1	0.3	0.4	1.7
Extended family - grandchildren only	0.5	1.1	1.0	1.9	0.7	1.3	6.5	0.4	0.8	1.3	7.8
Extended family - grandchildren / other relations	0.2	0.2	0.3	0.4	1.2	0.5	2.7	0.3	1.5	1.8	4.6
Extended family - other relations	0.2	1.0	1.3	1.1	2.1	1.8	7.5	0.6	5.3	5.9	13.4
Extended family - lone head	0.1	0.3	0.4	0.3	0.9	0.2	2.1	0.2	0.9	1.1	3.2
Female head	3.5	10.0	14.1	15.9	16.1	16.3	75.9	4.3	19.8	24.1	100.0
One person h'hold	0.2	1.7	3.4	3.1	1.5	2.3	12.3	0.3	1.8	2.1	14.4
Couple	0.1	0.4	0.1	0.0	0.3	0.0	0.8	0.3	0.5	0.8	1.6
Nuclear family	0.2	2.2	0.7	1.1	0.2	0.6	5.0	0.3	2.0	2.4	7.3
Lone head - child(ren)	1.5	3.2	5.2	6.1	5.1	6.6	27.6	1.9	4.1	6.0	33.6
Extended family - grandchildren only	0.5	0.7	1.3	1.5	1.0	2.0	7.2	0.5	0.3	0.8	7.9
Extended family - grandchildren / other relations	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.5	0.5	0.8
Extended family - other relations	0.1	0.2	0.2	0.2	0.8	1.1	2.6	0.2	0.8	0.9	3.5
Extended family - lone head	0.9	1.6	3.2	3.7	7.0	3.7	20.2	0.8	9.9	10.7	30.9

Table 1-8 Province, household living arrangements and sex of household head, average monthly household expenditure, 2010 HIES

	Province										
Household living arrangements	**Torba**	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Total	60,600	70,700	72,500	57,000	86,300	65,100	69,300	77,700	102,700	97,300	76,200
One person h'hold	19,200	40,100	26,600	32,500	57,400	43,800	39,100	47,900	57,800	56,300	42,600
Couple	54,000	57,000	58,700	35,600	104,900	34,500	54,500	57,600	76,900	72,200	58,300
Nuclear family	58,300	72,000	74,000	59,700	71,900	64,900	67,700	76,200	89,200	85,500	71,300
Lone head - child(ren)	35,800	53,600	58,500	46,700	49,600	44,800	49,400	62,400	95,200	85,300	56,000
Extended family - grandchildren only	61,900	78,200	82,700	67,400	65,700	72,700	72,100	85,700	101,200	95,600	75,700
Extended family - grandchildren / other relations	90,100	91,100	148,500	119,100	131,000	96,100	118,300	106,600	132,100	128,100	122,300
Extended family - other relations	104,000	92,900	105,100	71,800	115,700	90,200	97,900	98,100	132,100	128,500	111,200
Extended family - lone head	56,800	65,400	58,800	54,100	110,500	51,300	76,800	73,900	101,700	98,500	84,300
Male head	*63,400*	*71,900*	*75,900*	*58,900*	*88,500*	*68,300*	*71,500*	*78,300*	*104,100*	*98,400*	*78,200*
One person h'hold	19,700	41,200	30,600	41,500	55,000	48,100	43,700	39,600	62,900	59,400	47,400
Couple	53,500	56,800	58,700	35,600	107,500	34,500	54,500	57,100	75,000	70,800	57,800
Nuclear family	58,000	71,500	74,300	59,500	72,100	65,000	67,600	75,600	88,900	85,100	71,200
Lone head - child(ren)	42,700	51,500	57,600	59,500	28,600	36,300	48,100	57,400	98,800	88,500	56,300
Extended family - grandchildren only	65,600	81,100	84,600	69,000	71,400	78,800	75,500	84,500	99,000	94,100	78,500
Extended family - grandchildren / other relations	90,100	91,100	148,500	119,100	133,600	96,100	119,200	106,600	133,700	129,200	123,200
Extended family - other relations	105,600	94,400	105,600	72,900	115,600	92,500	98,900	97,100	131,800	128,300	111,900
Extended family - lone head	71,700	71,500	62,000	48,500	131,000	58,300	89,600	82,900	110,400	105,700	95,200
Female head	*41,500*	*58,900*	*50,500*	*43,600*	*74,600*	*48,000*	*54,400*	*72,800*	*93,900*	*90,100*	*63,000*
One person h'hold	18,100	38,600	22,400	16,400	66,700	38,600	31,400	70,500	42,500	47,000	33,700
Couple	64,500	61,500	61,800		45,900		57,000	62,400	105,700	91,400	73,500
Nuclear family	79,600	85,500	46,900	71,300	26,300	62,900	72,100	110,600	97,200	99,100	80,800
Lone head - child(ren)	34,400	54,900	58,800	42,000	54,900	47,200	49,800	63,900	93,700	84,100	55,900
Extended family - grandchildren only	40,600	47,600	72,900	54,000	38,500	46,600	51,500	92,000	151,400	112,000	57,300
Extended family - grandchildren / other relations					53,200		53,200		100,700	100,700	85,000
Extended family - other relations	61,400	37,200	81,300	39,900	116,900	65,200	78,300	123,900	142,700	139,300	94,500
Extended family - lone head	49,800	58,600	56,100	57,000	93,900	48,800	68,000	60,400	96,400	93,600	76,900

Table 1-9 Population aged 15 years and over, province, marital status and sex, 2010 HIES

	Province										
Marital status	**Torba**	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Total	5,850	20,670	17,170	22,650	24,130	17,320	107,800	9,700	33,010	42,710	150,510
Never Married	1,720	5,260	3,980	5,440	7,420	3,660	27,490	2,850	11,960	14,820	42,310
Married / living as married	3,710	13,430	11,610	14,880	13,150	11,940	68,730	5,250	13,630	18,880	87,620
Separated / divorced	210	1,310	670	1,460	2,760	980	7,390	1,440	6,470	7,910	15,310
Widowed	200	660	910	880	800	740	4,180	150	950	1,100	5,280
Males	3,000	10,310	8,410	11,160	12,260	8,220	53,350	5,010	16,560	21,570	74,920
Never Married	1,040	2,770	2,190	2,940	4,320	1,810	15,060	1,690	6,660	8,350	23,410
Married / living as married	1,810	6,700	5,700	7,290	6,460	5,790	33,750	2,560	6,570	9,130	42,890
Separated / divorced	90	640	320	710	1,270	470	3,490	700	3,090	3,790	7,290
Widowed	60	200	200	220	220	150	1,040	60	240	290	1,340
Females	2,850	10,360	8,770	11,490	11,870	9,100	54,440	4,690	16,450	21,140	75,580
Never Married	690	2,490	1,800	2,500	3,110	1,850	12,430	1,160	5,300	6,460	18,900
Married / living as married	1,900	6,730	5,910	7,590	6,690	6,160	34,980	2,690	7,060	9,750	44,730
Separated / divorced	120	670	360	740	1,500	510	3,900	740	3,380	4,120	8,020
Widowed	140	460	710	660	580	580	3,140	100	710	810	3,940

Table 1-10 Population aged 15 years and over, province, marital status and sex, percent of each sex, 2010 HIES

	Province										
Marital Status	**Torba**	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Total	3.9	13.7	11.4	15.1	16.0	11.5	*71.6*	6.4	21.9	*28.4*	100.0
Never Married	0.9	3.3	2.4	3.3	4.1	2.4	*16.4*	1.5	7.0	*8.6*	25.0
Married / living as married	2.5	8.9	7.8	10.0	8.8	8.1	*46.3*	3.6	9.3	*12.9*	59.2
Separated / divorced	0.2	0.9	0.5	1.0	2.0	0.7	*5.2*	1.0	4.5	*5.5*	10.6
Widowed	0.2	0.6	0.9	0.9	0.8	0.8	*4.2*	0.1	0.9	*1.1*	5.2
Males	*4.0*	*13.8*	*11.2*	*14.9*	*16.4*	*11.0*	*71.2*	*6.7*	*22.1*	*28.8*	*100.0*
Never Married	1.4	3.7	2.9	3.9	5.8	2.4	*20.1*	2.3	8.9	*11.1*	31.2
Married / living as married	2.4	8.9	7.6	9.7	8.6	7.7	*45.1*	3.4	8.8	*12.2*	57.2
Separated / divorced	0.1	0.9	0.4	1.0	1.7	0.6	*4.7*	0.9	4.1	*5.1*	9.7
Widowed	0.1	0.3	0.3	0.3	0.3	0.2	*1.4*	0.1	0.3	*0.4*	1.8
Females	*3.8*	*13.7*	*11.6*	*15.2*	*15.7*	*12.0*	*72.0*	*6.2*	*21.8*	*28.0*	*100.0*
Never Married	0.9	3.3	2.4	3.3	4.1	2.4	*16.4*	1.5	7.0	*8.6*	25.0
Married / living as married	2.5	8.9	7.8	10.0	8.8	8.1	*46.3*	3.6	9.3	*12.9*	59.2
Separated / divorced	0.2	0.9	0.5	1.0	2.0	0.7	*5.2*	1.0	4.5	*5.5*	10.6
Widowed	0.2	0.6	0.9	0.9	0.8	0.8	*4.2*	0.1	0.9	*1.1*	5.2

Chapter 2. Income and expenditure

Concepts and definitions

This section provides detailed information on the income and expenditure patterns of households in Vanuatu. The income and expenditure information from the HIES is used in a number of ways, including providing information to:

- assess patterns of income and expenditure in the different provinces
- update the consumer price index items and their expenditure weights
- update estimates for the value of goods produced and consumed in the home (so called own-account or subsistence production)
- update estimates for the household sector for national accounts
- provide benchmark estimates for poverty and other measures of (in)equality

When summarising the economic situation of households, it is important to use appropriate definitions of income, expenditure, wealth, and so on. The Vanuatu HIES collected data on household income and expenditure. But not all the receipts of money collected in the HIES should be regarded as income, and not all payments of money should be regarded as expenditure. On the other hand, some income and expenditure does not involve money, especially the non-cash income and consumption of subsistence agriculture and other production on own account.

It is necessary to define what is meant by income and expenditure in order to specify which data items are to be included in total income and total expenditure for HIES output.

Household income consists of all receipts whether monetary or in kind (goods and services) that are received by the household or by individual members of the household at annual or more frequent intervals, but excludes windfall gains and other such irregular and typically onetime receipts. Household income receipts are available for current consumption and do not reduce the net worth of the household through a reduction of its cash, the disposal of its other financial or non-financial assets, or an increase in its liabilities.

Household income may be defined to cover: (i) income from employment (both paid and self-employment); (ii) property income; (iii) income from the production of household goods and services for own consumption; and (iv) current transfers received (gifts received)

Household consumption expenditure is the value of consumer goods and services acquired, used or paid for by a household through direct monetary purchases, own-account production, barter or as income in-kind for the satisfaction of the needs and wants of its members. Consumer goods and services are those used by a household to directly satisfy the personal needs and wants of its members.

Household expenditure is defined as the sum of household consumption expenditure and the non-consumption expenditures of the household. The latter are those expenditures incurred by a household as transfer payments made to government, non-profit institutions and other households, without acquiring any goods or services in return for the satisfaction of the needs of its members, such as donations to charity. Household expenditure represents the total outlay that a household has to make to satisfy its needs and meet its "legal" commitments.

In this analysis imputed rents for owner-occupied dwellings and rent-free dwellings have been included in the detailed expenditure tables.

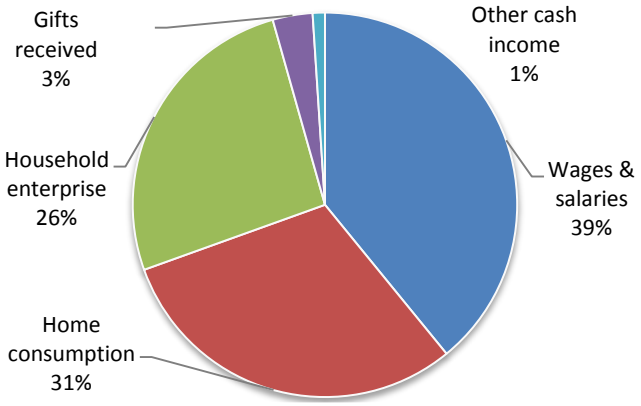
Working persons have been defined as those aged 10 years and over working for pay, salary profit or income-in-kind, as well as unpaid (volunteer) workers and subsistence workers.

Results

Household income

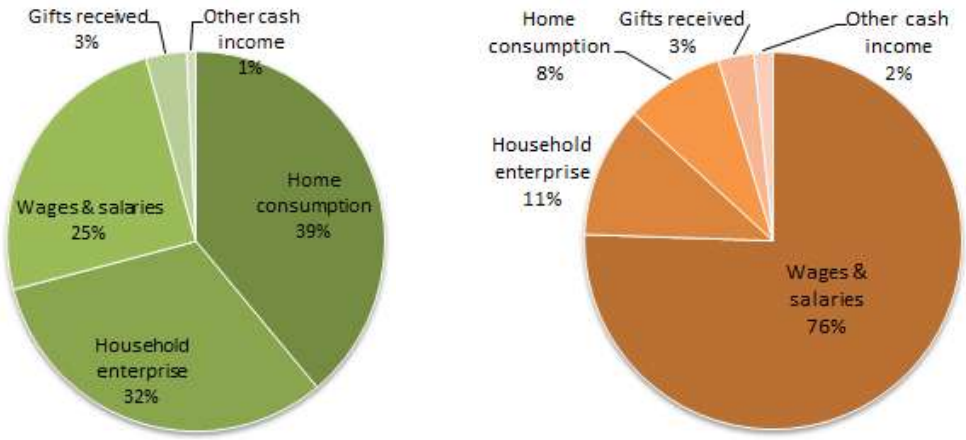
The 2010 HIES estimate for total annual income for all private households was 49,874 million Vatu, with sources grouped by income from wages and salaries, sales of agricultural products including fish and seafood, sale of handicrafts, other cash income and own account production (subsistence), net income in-kind and gifts received (Figure 2-1). Other cash income includes income from superannuation, rent and income as a non-working proprietor. At the national level income from wages and salaries was estimated at 19,503 million Vatu annually, representing 39% of all income, with 36% of households having income from this source. A large majority of households – 84% overall, 59% urban and 92% rural – received income from own account production – goods produced and consumed in the home (food, firewood and so on), which was valued at 15,166 million Vatu annually (note that this is considered to be income when the item is produced and expenditure because it is assumed to have been consumed or used by the household). Just over two-thirds or 67% of all households were engaged in the sale of agricultural products, fish and seafood and handicrafts, generating an estimated annual income of 13,020 million Vatu; representing just over one quarter 26% of total national income (see Chapter 7 for more detailed analysis of this income source).

Figure 2-1 Source of household income (million Vatu), 2010 HIES



Source of income	Rural		Urban		Vanuatu	
	Annual	Month	Annual	Month	Annual	Month
Wages & salaries	8,909	742	10,594	883	19,503	1,625
Home consumption	13,972	1,164	1,194	99	15,166	1,264
Household enterprise	11,441	953	1,579	132	13,020	1,085
Other cash income	283	24	230	19	513	43
Gifts received	1,244	104	429	36	1,673	139
Total income (million Vatu)	**35,848**	**2,987**	**14,027**	**1,169**	**49,874**	**4,156**

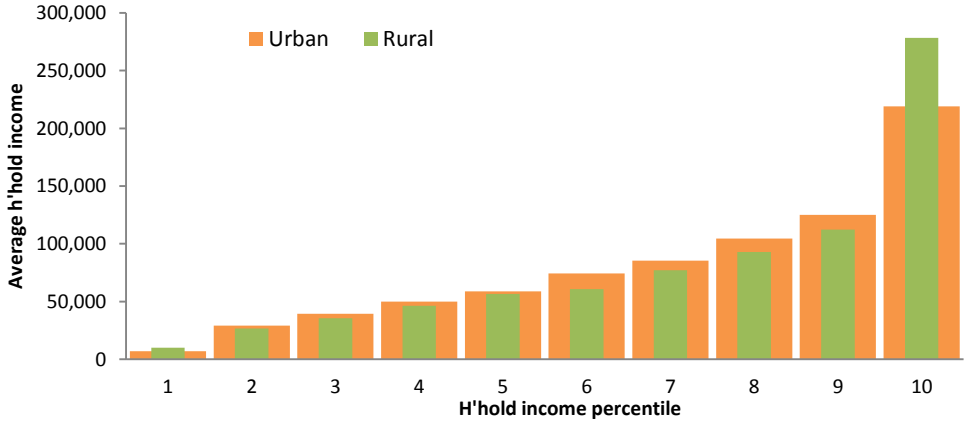
Figure 2-2 Source of household income, urban and rural areas, 2010 HIES



Nine-out-of-ten households, 90%, had some form of cash income – with 99% of urban households and 91% of rural households having 'cash' sources of income (Figure 2-2). Average monthly household income in urban households was estimated at VT 97,500, compared with VT 79,500 in rural areas; or in per capita terms VT 18,700 per person per month in urban areas and VT 16,400 per person per month in rural areas. It shows that urban households rely on wages and salaries from labour activities as their main source of income whereas rural households rely mainly on home consumption (subsistence) and household enterprises based around the sale of agricultural products, handicrafts and other goods produced in the home.

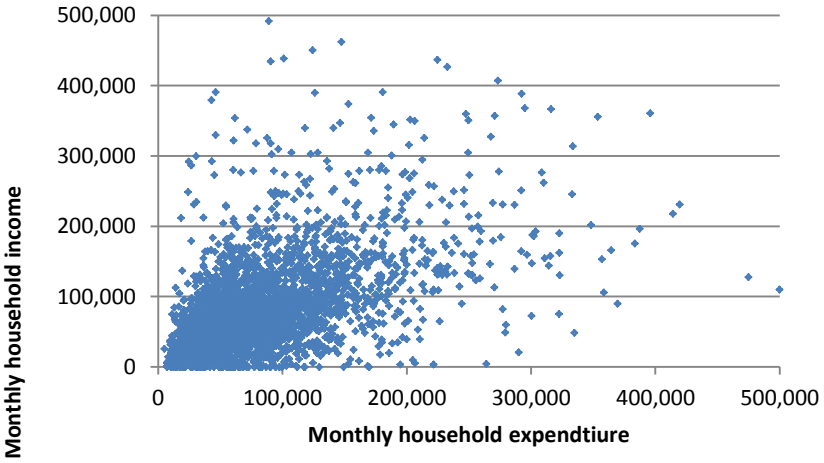
While the overall average rural household income was lower than the urban one, when household income was ranked from lowest to highest according to percentiles, (basically the distribution of household income is divided into 10 equal sized groups of households), rural average household income was similar to urban average household income up to the fifth percentile, or median income (Figure 2-3). A small proportion of rural households had very high household incomes resulting in higher rural average household income in the highest – 10th – percentile.

Figure 2-3 Monthly household income percentile and average monthly income, urban and rural areas, 2010 HIES



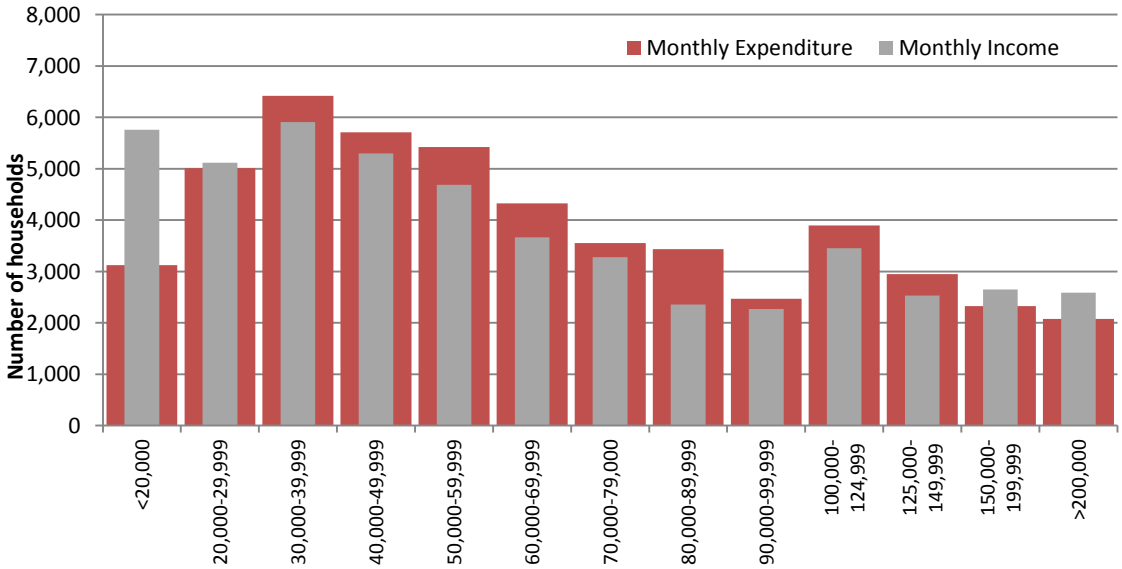
Generally comparing income and expenditure from household economic surveys is problematic because of different 'recall' periods and the level of detailed information collected. Typically more detailed information is collected about daily, weekly, fortnightly (every two weeks), monthly and annual expenditure; while information about income is collected about current pay period, or month or year. This is one of the reasons why many analysts prefer not to compare income and expenditure and to analyse information on expenditure or income separately. Another reason is that many think that income is not accurately reported by respondents, and also many people have 'irregular' sources of income, such as income from casual labour or ad hoc business activities, which are difficult to derive accurate annual estimates from.

Figure 2-4 Monthly household income and expenditure, both less than VT 500,000, 2010 HIES



When monthly household income and expenditure are compared, in very general terms, household expenditure tended to be higher than household income, with 57% of households having higher expenditure than income (Figure 2-5). Households tend to spend more than their level of incomes and tend to under-estimate or under-report income. This spending may have been financed by savings and or borrowings. From figures 2–4 and 2–5 the general trend or convergence zone was that income is slightly higher than expenditure in the lowest income households, then for the majority of households expenditure was higher than income, and in higher income households, income tended to be higher than expenditure. While overall averages or comparisons between income and expenditure indicate higher incomes than expenditure, this was not a universal condition for all households.

Figure 2-5 Monthly household income and expenditure, 2010 HIES



Households not providing income information not included in chart.

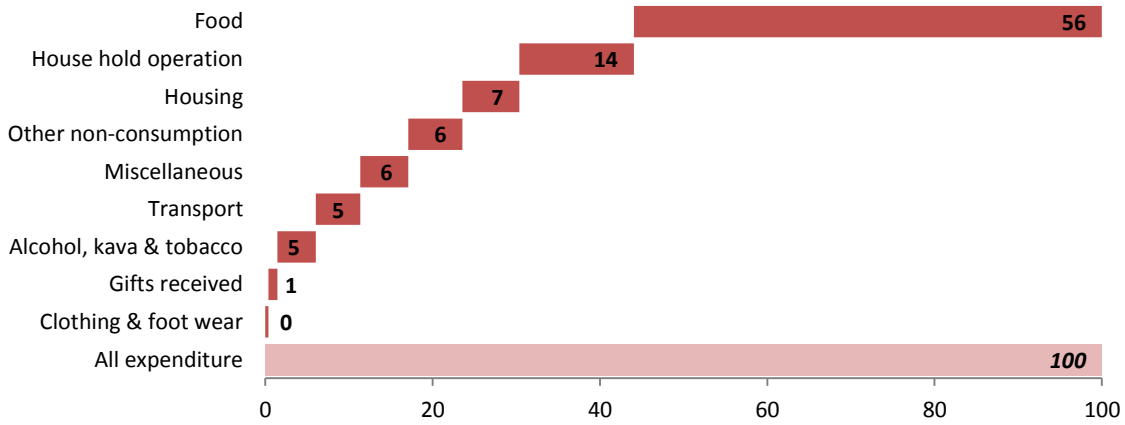
Household expenditure

The 2010 HIES estimate for total annual expenditure for all private households was estimated at 46,369 million Vatu, with sources grouped by broad expenditure category into food; housing; household operation; clothing and footwear; transport; alcohol, tobacco and kava; miscellaneous purchases (includes expenditure for health and education goods and services, leisure, and other goods and services), non-consumption expenditure (contributions to organisations, gifts, donations, fines and maintenance) and gifts received (it is assumed that gifts received are consumed by the household and are therefore included in expenditure). In addition it is possible to analyse each of the relevant expenditure groups by whether the item was purchased for cash or

credit or produced by the household (own-account or subsistence production). Every expenditure transaction recorded in the HIES was allocated an 'item code' which has been grouped into the 'major groups' used in this analysis. More detailed 'item code' information is available from the Vanuatu National Statistics Office, see also Annex 2.

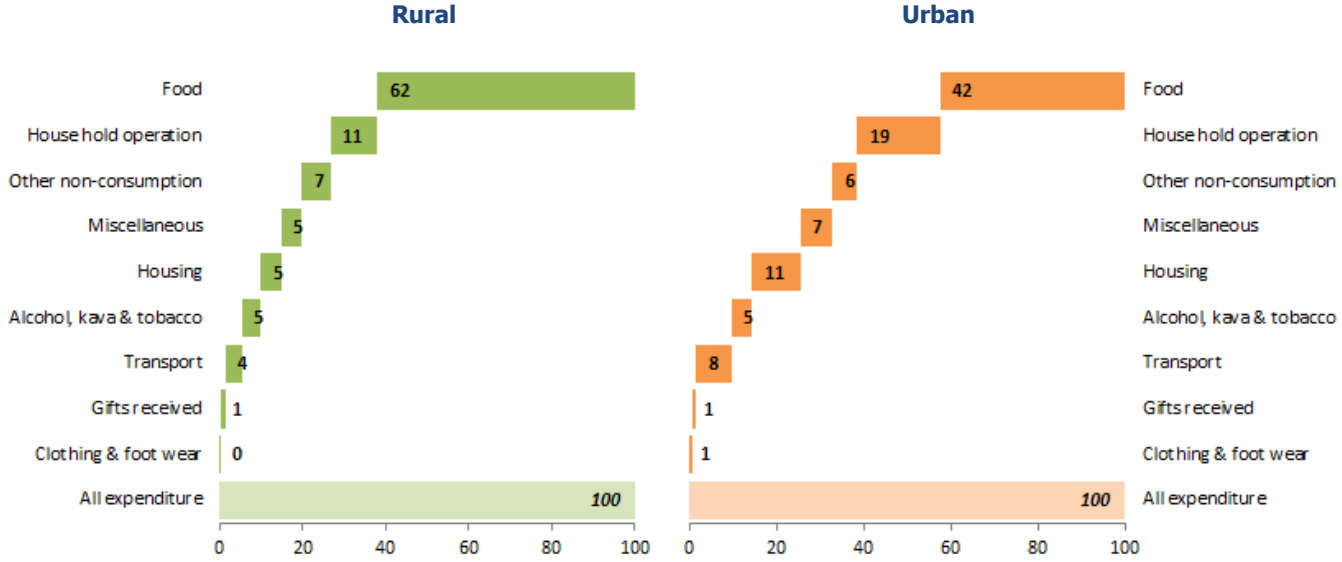
At the national level food expenditure was estimated at 25,944 million Vatu annually, representing 56% of all expenditure: just over half of all spending in Vanuatu was for food (Figure 2-6). Spending on household operation accounted for 14% of total expenditure, estimated at 6,340 million Vatu annually. Household operation includes fuel and lighting, communications, household supplies, appliances, equipment, furnishings and furniture. Expenditure on miscellaneous goods and services accounted for 6% of total expenditure at an estimated 2,667 million Vatu in 2010. Expenditure on alcohol, kava and tobacco products was estimated at 2,132 million Vatu annually, 5% of total expenditure, and probably lower than actual spending on these items as some people are reluctant to report expenditure on these kinds of items.

Figure 2-6 Type of household expenditure, 2010 HIES



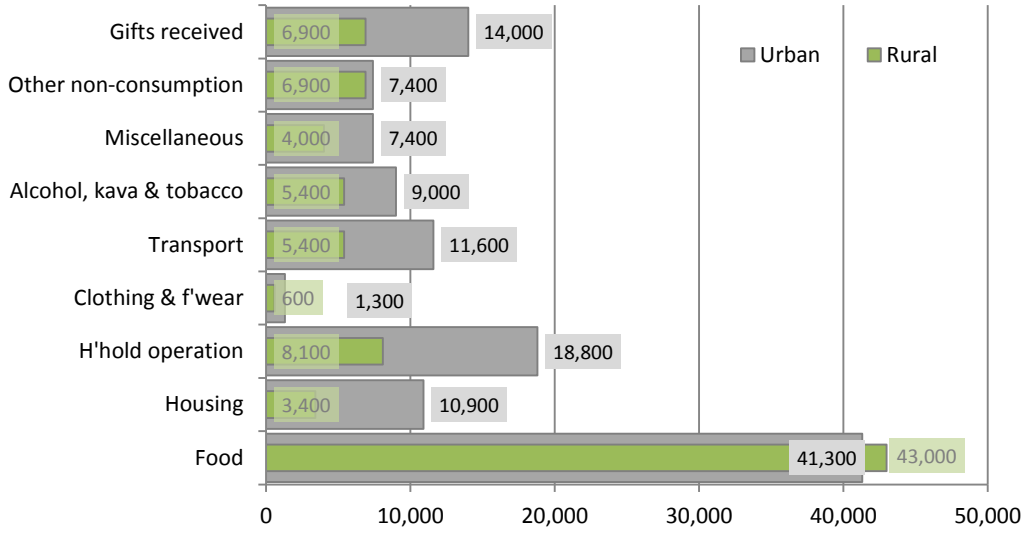
	Rural		Urban		Vanuatu	
Type of expenditure	**Annual**	**Month**	**Annual**	**Month**	**Annual**	**Month**
Food	19,761	1,647	6,183	515	25,944	2,162
Housing	1,537	128	1,629	136	3,166	264
House hold operation	3,570	297	2,770	231	6,340	528
Clothing & foot wear	75	6	96	8	171	14
Transport	1,279	107	1,188	99	2,466	206
Alcohol, kava & tobacco	1,449	121	682	57	2,132	178
Miscellaneous	1,608	134	1,059	88	2,667	222
Non-consumption	2,180	182	816	68	2,996	250
Gifts received	353	29	135	11	487	41
Total (million Vatu)	**31,812**	**2,651**	**14,558**	**1,213**	**46,369**	**3,864**

Figure 2-7 Type of household expenditure, urban and rural areas, 2010 HIES



Food constitutes most of both urban and rural households spending followed by household operations (Figure 2-7). Other non-consumption expenditure includes gifts of goods and cash given to the community, church and other households in Vanuatu and overseas and this is an important expenditure group for rural households. Urban households spent a higher proportion on housing and household operations than rural ones, but rural households had higher food expenditure, which includes food produced and consumed by the household.

Figure 2-8 Average household monthly expenditure by group, urban and rural areas, 2010 HIES



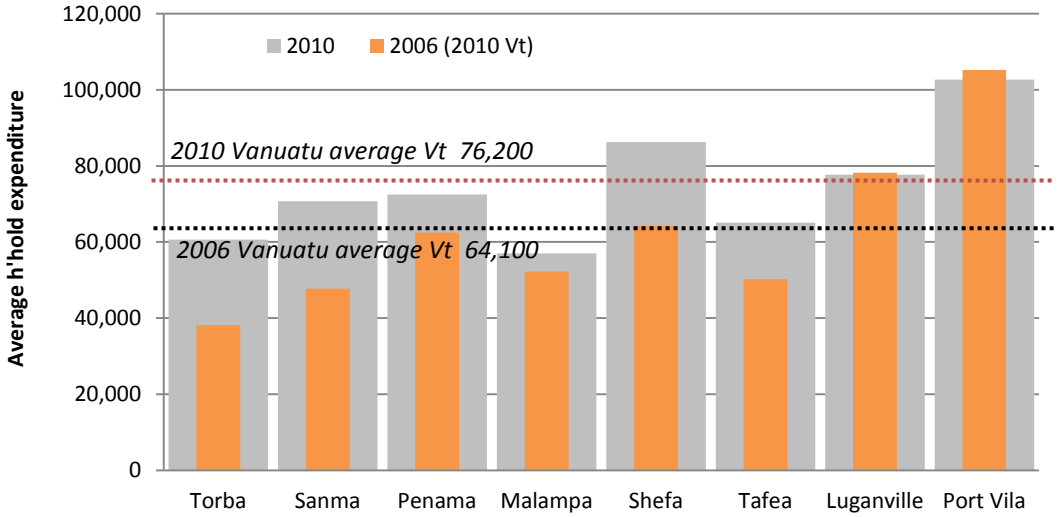
H'hold operation = Household operation

Given the significance of the proportion of food expenditure of total expenditure, it is not surprising that it had the highest average expenditure of the expenditure groups, estimated at Vt 43,000 per household a month in rural areas and Vt 41,300 in urban areas (Figure 2-8). Average monthly expenditure in urban areas was generally higher than that in rural areas with the notable exception of average spending on food. The largest differences between the rural and urban areas occurred in the housing, gifts received and household operation groups.

It was estimated that 69% of expenditure was in the rural areas, with a household average monthly expenditure of Vt 69,300 compared with Vt 97,300 in urban areas. The highest monthly average expenditure was in Port Vila households, at Vt 102,800 per month compared with Malampa at Vt 57,000 per month. It is possible to use the annual average rate of inflation to show what 2006 average expenditure would be like in 2010 Vatu terms. The aggregate annual rate of inflation was applied to the 2006 HIES average household expenditure data to give an idea of how expenditure changed over the four years between the surveys. Figure

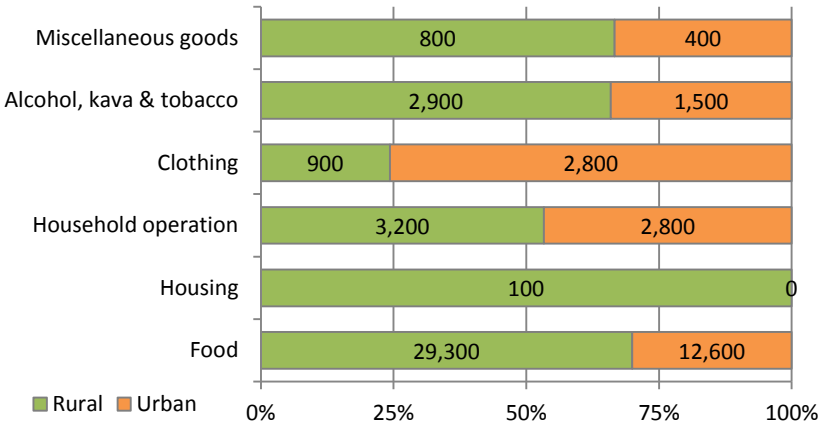
2-9 shows that average expenditure in urban areas has not changed a great deal since 2006 and the largest increases have been in rural areas of Sanma, Torba, Shefa and Tafea.

Figure 2-9 Average monthly household expenditure, province, 2006 & 2010 HIES



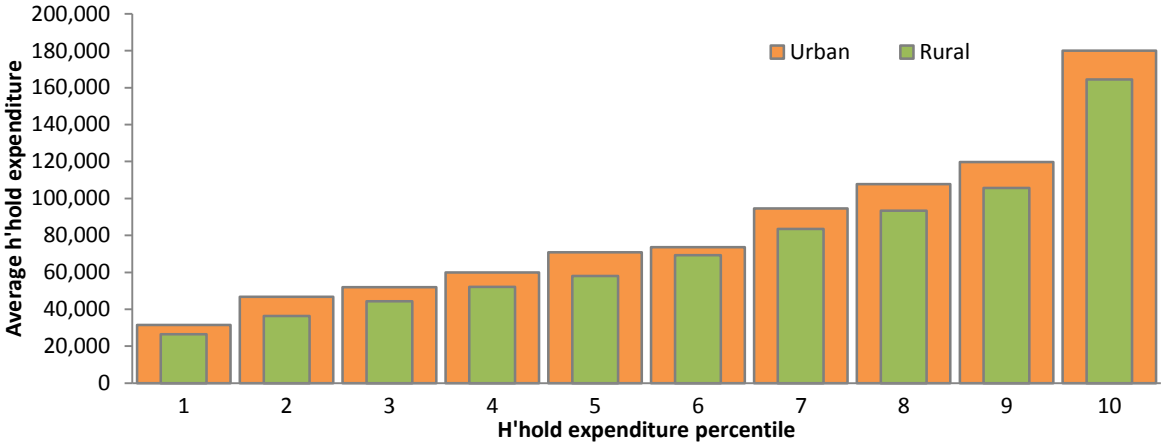
All expenditure transactions were classified according to if the good or service was a cash purchase, produced in the household (own account or subsistence production), goods received instead of cash income (income-in-kind), gifts and so on. Subsistence production was very important in Vanuatu households, 82% of which had some form of subsistence or own account production. Overall 92% of subsistence production was in rural households, reflecting the traditional lifestyles in rural areas, the limited cash retail sector in rural areas; relatively low rural cash incomes, as well as the increasing monetization and significance of the urban cash retail sector (see Annex 2).

Figure 2-10 Average monthly household subsistence consumption expenditure, region, 2010 HIES



Households produced 51% of their food consumed; 20% of alcohol, kava and tobacco and 19% of household operation items (firewood mats etc). On average each month rural households consumed Vt 29,300 worth of food from their own garden (Figure 2-10). The HIES underestimated the value of own account production because information on the purchase or production of gifts given and received, many of which are produced in the home, was not collected.

Figure 2-11 Household expenditure percentile and average household monthly expenditure, urban and rural areas, 2010 HIES



Average rural monthly household expenditure was lower than the urban average for expenditure percentiles up to the highest percentile (Figure 2-11). This is because there were a few rural households with very large expenditure during the HIES – possibly hosting a special event of some kind – and this increased the average household expenditure in the highest percentile (10).

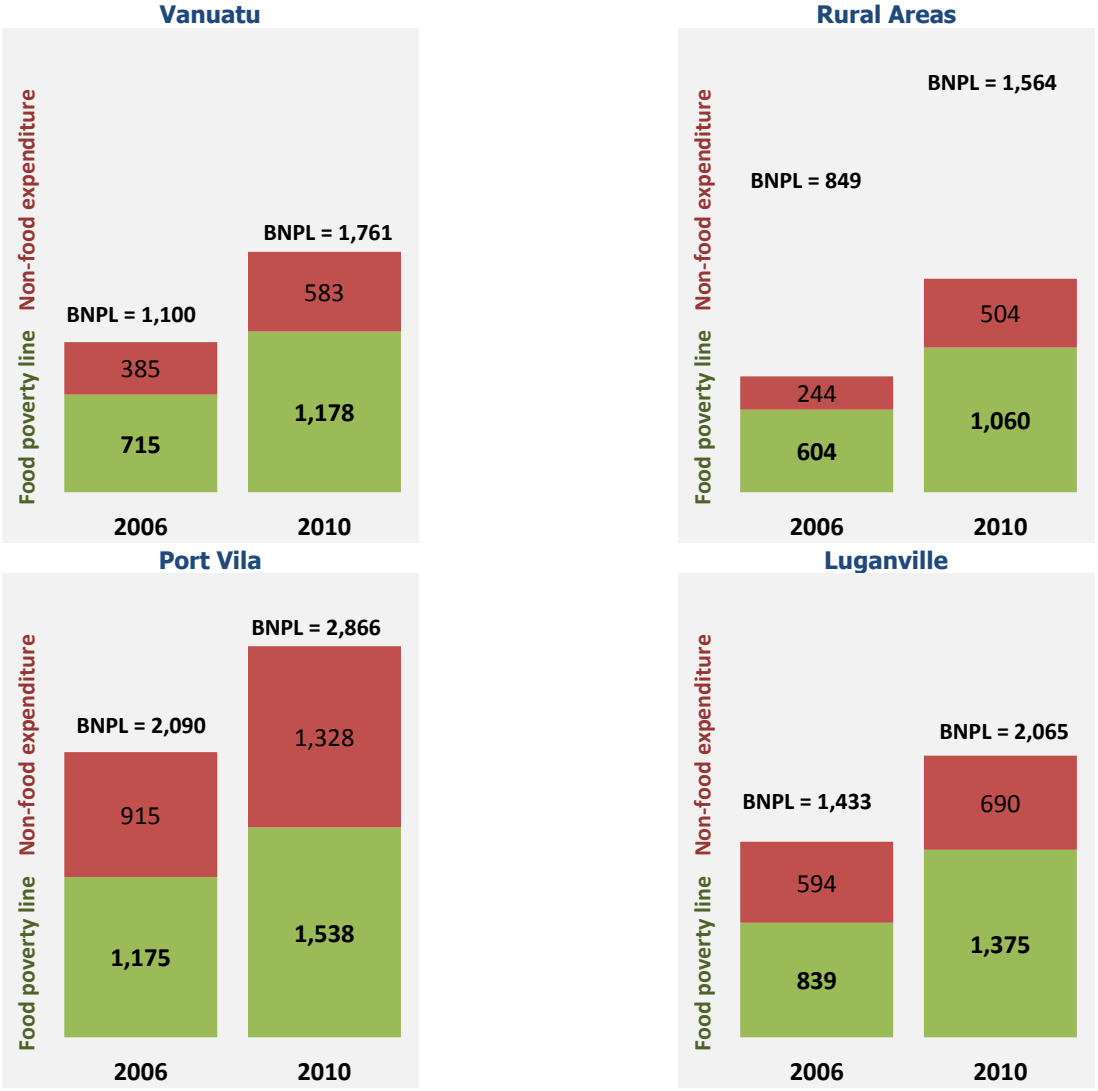
Poverty

A detailed analysis of relative poverty was undertaken using the HIES data for both 2010 and 2006. A series of national poverty lines were derived, for Vanuatu, rural areas, Port Vila and Luganville, and comparisons made with the results of the poverty analysis against the 2006 HIES.

Poverty analysis is primarily concerned with identifying within a society who the poor are and who are the most disadvantaged, where they live and what characteristics distinguish them from their 'better off' neighbours. In order to be able to develop pro-poor policies and strategies it is necessary to try to understand why some households are poor and not others.

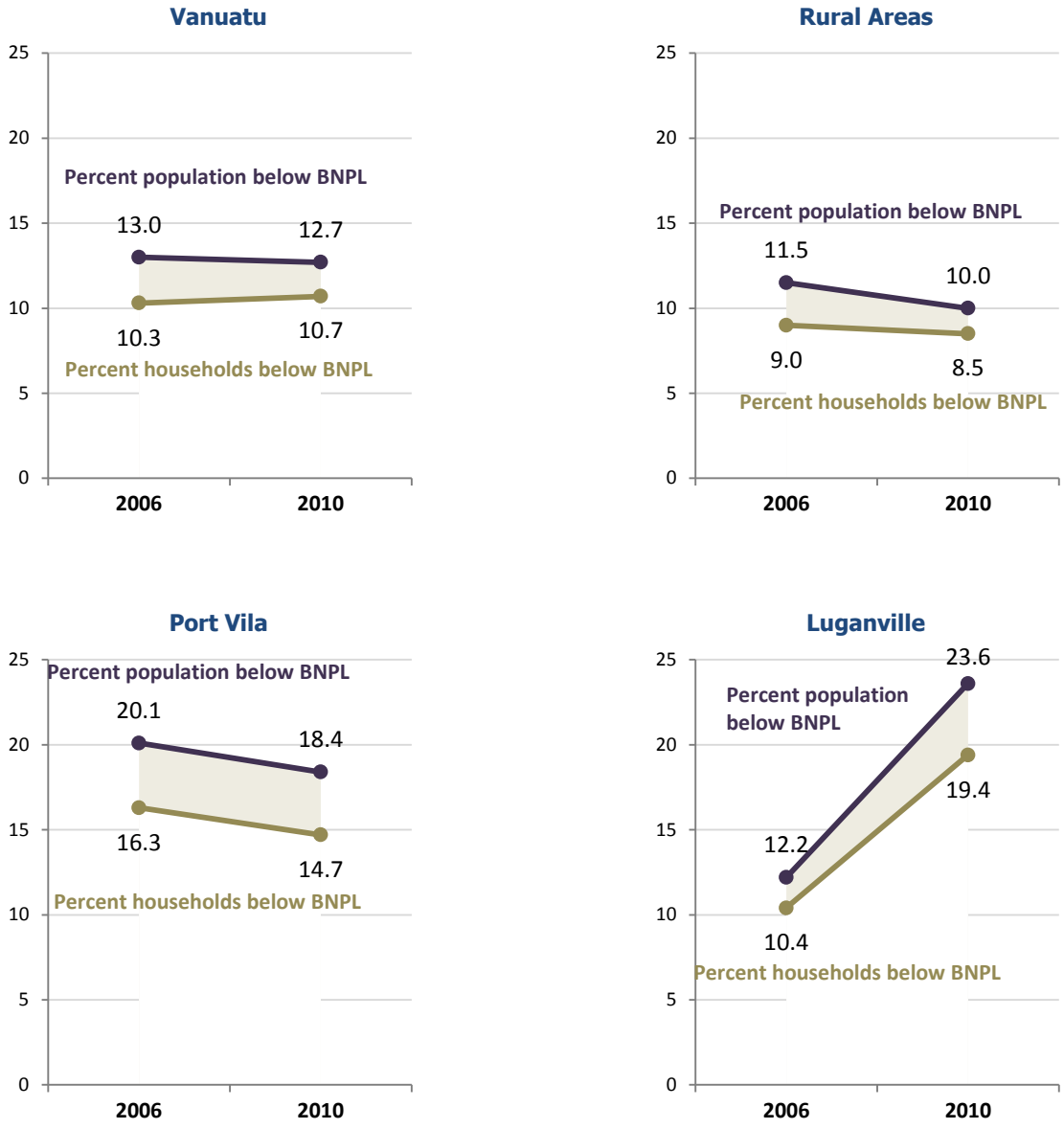
- **Food Poverty Line (FPL):** In 2010 on average every person (in adult equivalent terms) needed 1,178 Vatu a week to have enough food to meet essential nutritional requirements: 1,538 Vatu in Port Vila where more food items were purchased from stores; 1,060 Vatu in rural areas where more food items were produced in the home; and 1,375 in Luganville which was a mix of store bought food and home produce.
- **Basic Needs Poverty Line (BNPL):** On average every person (in adult equivalent terms) spent a total of 583 Vatu a week on non-food items such as shelter, transport, health care, education and to meet family and community obligations which is added to the Food Poverty Line to give a Basic Needs Poverty Line of 1,761 Vatu. This increased to 1,328 Vatu in Port Vila, 690 Vatu in Luganville and decreased to 504 Vatu in rural areas.

Figure 2-12 Food Poverty Lines, Non-Food Expenditure and Basic Needs Poverty Lines, 2006 & 2010 HIES



At the national level the average incidence of basic needs poverty, as measured by the Head Count Index (HCI) was estimated at 11% of households or 13% of population in 2010; almost unchanged from that of 2006. The incidence of basic needs poverty declined slightly in rural areas and Port Vila declined between 2006 and 2010. In 2006 12% of the population in rural areas were in basic needs poverty, compared to 10% in 2010. In Port Vila basic needs poverty decreased from 20% of the population in 2006 to 18% in 2010. In Luganville basic needs poverty increased from 12% of the population in 2006 to 24% of the population in 2010. It has been suggested that Port Vila and the rural areas have benefited from the general economic growth, led by tourism, favourable commodity prices, increasing overseas remittances and infrastructure investment, Luganville has not had access to the same opportunities. At the same time the population of the northern municipality has increased, with migrants not moving into their own houses but staying with other households, making poor households in Luganville considerably larger than other households in Vanuatu.

Figure 2-13 Incidence of Basic Needs Poverty, 2006 & 2010 HIES



Statistical tables

Averages based on dividing by the number of households that reported income or expenditure of that type.

Table 2-1 Source of household monthly income, 2010 HIES

		Wages & salaries	Home consumption	Household enterprise	Gifts received	Other cash income	Total monthly income
Vanuatu	**Total monthly income**	**1,625,248,500**	**1,263,796,500**	**1,084,967,800**	**139,439,000**	**42,750,400**	**4,156,202,100**
	Average h'hold income	89,500	30,200	32,700	11,300	4,200	83,800
	Average per capita income	16,800	6,100	6,600	2,300	800	17,000
	% h'holds with income	36%	82%	65%	24%	20%	98%
Urban	**Total monthly income**	**882,852,600**	**99,488,700**	**131,570,600**	**35,789,800**	**19,184,600**	**1,168,886,200**
	Average h'hold income	82,800	14,000	39,400	17,900	6,500	97,500
	Average per capita income	15,800	2,500	7,000	3,200	1,200	18,700
	% h'holds with income	85%	57%	27%	16%	24%	96%
Rural	**Total monthly income**	**742,395,900**	**1,164,307,800**	**953,397,200**	**103,649,200**	**23,565,800**	**2,987,315,900**
	Average h'hold income	98,900	33,600	31,900	10,000	3,200	79,500
	Average per capita income	18,200	6,900	6,500	2,100	600	16,400
	% h'holds with income	20%	91%	78%	27%	19%	98%

Table 2-2 Income percentile, province and number of households, 2010 HIES

Income percentile	Province										
	Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	Urban	Total
1	320	180	730	410	810	560	3,000	330	570	910	3,910
2	290	450	550	1,080	780	1,150	4,310	310	460	770	5,080
3	250	690	690	990	530	920	4,080	390	610	1,000	5,080
4	180	800	650	930	730	930	4,220	350	490	840	5,060
5	150	690	720	1,050	610	790	4,020	270	790	1,070	5,080
6	170	630	700	1,010	500	730	3,740	250	1,080	1,330	5,080
7	160	850	690	1,010	490	600	3,790	220	1,050	1,270	5,060
8	120	630	780	740	720	520	3,510	210	1,370	1,570	5,080
9	80	1,050	740	780	550	450	3,650	160	1,270	1,420	5,070
10	40	990	560	570	900	190	3,260	160	1,660	1,820	5,080
Total	**1,770**	**6,960**	**6,800**	**8,590**	**6,620**	**6,840**	**37,580**	**2,650**	**9,340**	**11,990**	**49,580**

Table 2-3 Income percentile, location of household and average monthly household income, 2010 HIES

Income percentile	Average monthly h'hold income		
	Rural	Urban	Vanuatu
1	12,700	10,300	12,100
2	27,100	30,600	27,600
3	36,100	42,200	37,300
4	47,400	45,500	47,100
5	56,500	63,000	57,900
6	63,400	76,400	66,800
7	77,800	87,700	80,300
8	95,700	106,300	99,000
9	117,200	133,800	121,900
10	295,100	229,900	271,800
Average	**79,500**	**97,500**	**83,800**

Table 2-4 Income quintile, province and average monthly household income, 2010 HIES

Average monthly h'hold income	Monthly h'hold income quintile					
	1st quintile	2nd quintile	3rd quintile	4th quintile	5th quintile	Total
Torba	19,900	42,200	64,600	96,600	303,400	65,800
Sanma	26,000	44,600	63,000	90,500	173,700	94,000
Penama	18,000	37,700	57,500	81,500	143,500	67,700
Malampa	20,700	39,000	53,700	72,600	127,900	60,200
Shefa	19,600	45,100	70,000	109,400	395,800	131,800
Tafea	24,200	43,100	59,100	81,500	99,300	53,500
Rural	*21,200*	*41,800*	*59,800*	*86,400*	*201,100*	*79,500*
Luganville	21,500	45,400	69,000	99,700	221,300	74,100
Port Vila	18,400	42,600	70,900	97,700	184,000	104,100
Urban	*19,600*	*43,700*	*70,500*	*98,000*	*184,000*	*97,500*
Vanuatu	**20,900**	**42,200**	**62,300**	**89,600**	**196,800**	**83,800**

Table 2-5 Province, source of monthly income, average income and sex of household head, 2010 HIES

Total monthly income, source	Male headed households			Female headed households		
	Rural	Urban	Vanuatu	Rural	Urban	Vanuatu
Wages & salaries	**691,166,400**	**796,860,900**	**1,488,027,300**	**51,229,500**	**85,991,700**	**137,221,200**
Households with income	6,700	9,400	16,000	800	1,300	2,100
People residing in these h'holds	36,900	49,700	86,700	3,900	6,000	9,900
% h'holds with income	20	86	36	16	81	32
Average h'hold income	103,200	84,800	93,000	64,000	66,100	65,300
Average per capita income	18,700	16,000	17,200	13,100	14,300	13,900
Home consumption	**1,057,898,900**	**86,047,300**	**1,143,946,200**	**106,408,900**	**13,441,400**	**119,850,300**
Households with income	30,300	6,100	36,500	4,400	1,000	5,300
People residing in these h'holds	152,700	34,700	187,400	16,700	4,800	21,500
% h'holds with income	91	56	83	88	63	80
Average h'hold income	34,900	14,100	31,300	24,200	13,400	22,600
Average per capita income	6,900	2,500	6,100	6,400	2,800	5,600
Household enterprise	**885,063,200**	**113,593,600**	**998,656,800**	**68,334,000**	**17,977,000**	**86,311,000**
Households with income	26,300	3,000	29,300	3,600	300	3,900
People residing in these h'holds	133,100	16,800	149,900	13,800	2,000	15,700
% h'holds with income	79	28	66	72	19	59
Average h'hold income	33,700	37,900	34,100	19,000	59,900	22,100
Average per capita income	6,600	6,800	6,700	5,000	9,000	5,500
Gifts received	**85,280,300**	**29,154,600**	**114,434,800**	**18,368,900**	**6,635,200**	**25,004,200**
Households with income	8,600	1,700	10,300	1,800	300	2,100
People residing in these h'holds	43,400	9,900	53,300	6,700	1,300	8,000
% h'holds with income	26	16	23	36	19	32
Average h'hold income	9,900	17,100	11,100	10,200	22,100	11,900
Average per capita income	2,000	2,900	2,100	2,700	5,100	3,100

Continued

Total monthly income, source	Male headed households			Female headed households		
	Rural	Urban	Vanuatu	Rural	Urban	Vanuatu
Other cash income	**22,097,200**	**15,437,000**	**37,534,200**	**1,468,600**	**3,747,700**	**5,216,200**
Households with income	6,400	2,500	8,900	800	500	1,300
People residing in these h'holds	34,100	14,200	48,300	3,300	2,400	5,700
% h'holds with income	19	23	20	16	31	20
Average h'hold income	3,500	6,200	4,200	1,800	7,500	4,000
Average per capita income	600	1,100	800	400	1,600	900
Total monthly income	**2,741,506,100**	**1,041,093,200**	**3,782,599,300**	**245,809,800**	**127,793,000**	**373,602,800**
Average h'hold income	83,600	99,200	87,400	51,200	85,200	59,300
Average per capita income	16,700	18,800	17,200	13,700	18,300	14,900

Table 2-6 Size of the household and household monthly income, number of households, 2010 HIES

Household income	Household size					Total
	1	2-4	5-7	8-10	11+	
Vanuatu	**2,740**	**23,280**	**20,040**	**4,110**	**560**	**50,740**
Income not reported	160	660	250	80	20	1,160
<10,000	420	1,140	430	100		2,090
10,000 - 19,999	430	2,070	1,060	110		3,670
20,000 - 29,999	450	2,750	1,710	200	10	5,120
30,000 - 39,999	330	3,190	2,220	180		5,910
40,000 - 49,999	190	2,870	1,960	240	30	5,300
50,000 - 59,999	130	2,200	1,960	380	10	4,690
60,000 - 69,999	60	1,650	1,600	320	40	3,670
70,000 - 79,999	60	1,300	1,570	330	20	3,280
80,000 - 89,999	100	1,010	1,010	230	0	2,360
90,000 - 99,999	70	880	1,060	220	30	2,270
100,000 - 124,999	140	1,110	1,780	360	60	3,450
125,000 - 149,999	40	790	1,230	370	110	2,540
150,000 - 199,999	100	910	1,180	400	70	2,650
≥ 200,000	50	760	1,020	590	170	2,590
Rural	**2,190**	**17,820**	**15,270**	**2,670**	**320**	**38,270**
Income not reported	110	370	180	30		680
<10,000	380	820	270	90		1,560
10,000 - 19,999	410	1,840	890	70		3,220
20,000 - 29,999	330	2,380	1,550	110		4,370
30,000 - 39,999	220	2,450	1,830	140		4,640
40,000 - 49,999	130	2,270	1,570	220	30	4,230
50,000 - 59,999	100	1,630	1,520	270	10	3,530
60,000 - 69,999	40	1,310	1,280	230	40	2,900
70,000 - 79,999	30	980	1,230	270	20	2,530
80,000 - 89,999	80	780	800	150	0	1,810
90,000 - 99,999	60	580	670	170	10	1,490
100,000 - 124,999	130	840	1,170	220	40	2,390
125,000 - 149,999	40	440	870	240	60	1,650
150,000 - 199,999	100	570	790	200	10	1,660
≥ 200,000	30	570	670	260	80	1,610

Continued

Household income	Household size 1	2-4	5-7	8-10	11+	Total
Urban	**560**	**5,460**	**4,760**	**1,430**	**250**	**12,470**
Income not reported	40	290	70	50	20	470
<10,000	40	320	160	10		530
10,000 - 19,999	20	220	170	40		450
20,000 - 29,999	120	370	160	90	10	750
30,000 - 39,999	110	730	380	40		1,270
40,000 - 49,999	60	600	390	20		1,070
50,000 - 59,999	30	580	440	110		1,160
60,000 - 69,999	20	340	320	90		770
70,000 - 79,999	30	320	340	60		750
80,000 - 89,999	20	240	210	80		560
90,000 - 99,999	20	290	400	50	20	780
100,000 - 124,999	20	270	610	140	20	1,060
125,000 - 149,999		350	360	120	50	890
150,000 - 199,999		340	390	200	60	990
≥ 200,000	20	190	350	330	80	980

Table 2-7 Size of the household, province and average household monthly income, 2010 HIES

Province	Size of household and average monthly income 1	2	3	4	5	6+	Total
Torba	17,100	44,300	43,400	47,000	46,300	108,000	65,800
Sanma	49,100	70,400	81,400	93,100	88,700	119,900	94,000
Penama	28,000	44,200	61,700	65,300	74,800	84,100	67,700
Malampa	38,200	39,800	57,100	59,100	72,200	72,800	60,200
Shefa	81,300	322,500	118,500	63,500	86,100	165,700	131,800
Tafea	40,300	30,900	47,300	50,100	51,000	63,800	53,500
Rural	*47,000*	*90,000*	*71,800*	*65,300*	*73,500*	*99,600*	*79,500*
Luganville	46,600	53,900	48,100	85,300	73,200	94,000	74,100
Port Vila	50,600	88,500	63,600	95,500	91,800	136,300	104,100
Urban	*50,000*	*80,300*	*59,300*	*92,800*	*86,300*	*130,300*	*97,500*
Vanuatu	**47,600**	**87,900**	**69,100**	**71,900**	**76,400**	**108,000**	**83,800**

Table 2-8 Number of working persons aged 10 years and over, region and average household monthly income, 2010 HIES

Number of working persons[1]	Region and average h'hold monthly income Rural	Urban	Vanuatu
1	173,600	212,300	188,200
2	257,600	447,200	296,100
3	505,300	835,300	590,600
4	621,300	1,354,300	744,800
5	575,300	1,365,200	683,000
6	682,100	1,148,800	718,800
7	1,075,600	2,869,500	1,295,200
8	1,985,500	2,986,000	2,396,400
9	2,645,100		2,645,100
Total	**79,500**	**97,500**	**83,800**

[1] Number of working persons: includes those working for pay, sales revenue, profit or goods in-kind, unpaid (volunteer) workers and people who work in the garden (subsistence), 91,790 people in 44,170 households.

Table 2-9 Household income percentile and number of working persons aged 10 years and over, region, 2010 HIES

Income Percentile	Province and number of working persons										
	Torba	Sanma	Penama	Malampa	Shefa	Tafea	*Rural*	Luganville	Port Vila	*Urban*	Vanuatu
1	800	420	1,660	740	830	760	*5,210*	300	460	*760*	5,960
2	720	1,050	1,270	2,000	800	1,710	*7,550*	390	460	*850*	8,400
3	550	1,630	1,410	2,030	470	1,470	*7,560*	570	880	*1,450*	9,010
4	460	1,640	1,320	2,030	890	1,930	*8,270*	480	640	*1,120*	9,390
5	400	1,540	1,880	2,110	860	1,200	*7,990*	450	1,370	*1,810*	9,810
6	400	1,480	1,570	1,650	740	1,340	*7,170*	440	2,040	*2,480*	9,650
7	370	1,870	1,370	2,030	810	1,070	*7,530*	400	2,080	*2,470*	10,000
8	260	1,280	1,580	1,510	1,420	920	*6,970*	430	2,700	*3,130*	10,110
9	170	2,380	1,550	1,350	1,180	720	*7,350*	300	2,670	*2,970*	10,320
10	80	1,800	980	990	1,450	200	*5,510*	310	3,330	*3,630*	9,140
Total	**4,210**	**15,090**	**14,590**	**16,440**	**9,460**	**11,330**	***71,110***	**4,050**	**16,620**	***20,680***	**91,790**

Table 2-10 Expenditure percentile, location of household and average monthly household expenditure, 2010 HIES

Expenditure percentile	Average monthly household expenditure		
	Rural	Urban	Vanuatu
1	26,400	31,500	27,000
2	36,400	46,700	38,100
3	44,300	52,000	45,600
4	52,100	60,000	53,400
5	58,000	70,800	61,200
6	69,300	73,600	70,300
7	83,500	94,500	86,900
8	93,300	107,800	98,200
9	105,700	119,800	110,400
10	164,500	180,100	170,500
Average	**69,300**	**97,300**	**76,200**

Table 2-11 Expenditure quintile, province and average monthly household expenditure, 2010 HIES

Average monthly h'hold expenditure	Monthly h'hold expenditure quintile					
	1st quintile	2nd quintile	3rd quintile	4th quintile	5th quintile	Total
Torba	29,300	55,800	70,500	82,300	127,100	60,600
Sanma	38,500	52,100	67,000	82,100	121,800	70,700
Penama	30,400	42,600	59,400	84,100	127,400	72,500
Malampa	27,100	42,400	57,800	78,400	105,900	57,000
Shefa	31,300	52,100	68,700	119,600	179,300	86,300
Tafea	32,600	49,900	65,800	89,500	127,200	65,100
Rural	***31,300***	***48,200***	***63,600***	***88,300***	***134,100***	***69,300***
Luganville	38,100	55,300	68,300	99,600	149,900	77,700
Port Vila	41,900	56,300	73,400	101,700	152,300	102,700
Urban	***40,300***	***55,900***	***72,200***	***101,400***	***152,000***	***97,300***
Vanuatu	**32,500**	**49,500**	**65,700**	**92,500**	**140,500**	**76,200**

Table 2-12 Household income percentile, average household monthly cash income, region and percent income from cash sources[1], 2010 HIES

Income percentile	% income from cash sources[1]							
	0	<20	20–39	40–59	60–79	80–99	100	Total
Vanuatu	**29,400**	**52,100**	**58,900**	**66,000**	**79,100**	**132,100**	**112,500**	**73,800**
1	10,900	15,900	16,800	16,700	18,100	11,000	8,100	11,900
2	22,200	26,500	30,200	28,300	30,700	37,800	26,000	27,400
3	31,200	35,300	38,000	38,100	36,200	52,600	33,600	36,100
4	34,600	47,800	45,700	50,800	47,000	53,100	39,700	45,900
5	43,600	56,800	51,400	57,800	59,600	65,400	57,000	55,800
6	43,300	57,000	66,500	60,700	69,400	57,200	69,600	62,800
7	55,500	73,900	81,000	74,800	78,800	87,500	66,000	75,400
8	58,500	83,800	88,400	89,200	88,000	95,900	101,000	90,700
9	81,100	104,200	99,200	112,900	110,300	124,600	112,800	109,900
10	110,600	132,300	132,300	126,300	163,900	253,800	505,400	272,100
Rural	***31,500***	***52,500***	***58,400***	***66,300***	***80,900***	***143,800***	***151,700***	***71,900***
1	12,100	16,200	16,000	17,300	25,000	11,800	7,800	12,600
2	22,400	26,800	30,200	27,900	29,700	41,500	25,200	27,200
3	31,200	35,300	38,000	38,100	35,400	29,000	29,000	35,400
4	34,600	47,800	45,500	51,200	47,500	50,100	35,600	46,000
5	43,700	56,800	51,400	57,900	58,100	54,400	61,100	55,100
6	43,300	57,200	66,300	60,700	66,100	57,300	44,100	60,300
7	55,500	72,400	79,800	75,100	79,300	84,900	59,500	75,400
8	58,500	83,800	88,400	88,600	90,000	96,300	99,900	88,200
9	81,100	104,200	99,200	113,600	112,300	115,100	124,200	108,900
10	110,600	132,300	128,000	125,400	162,200	261,500	1,146,500	293,400
Urban	***9,700***	***34,300***	***72,500***	***59,400***	***62,400***	***109,100***	***88,800***	***82,500***
1	8,100	11,700	20,400	9,900	9,800	9,800	9,000	9,700
2	19,300	23,600	28,400	34,100	34,700	35,400	27,000	28,900
3		41,800	40,600	38,100	41,900	55,100	35,600	40,400
4			54,300	36,300	41,300	56,700	42,000	44,800
5	39,500			56,700	70,400	84,100	54,100	60,200
6		48,600	71,800		93,800	57,000	74,800	73,400
7		127,600	120,300	66,400	73,200	93,100	68,200	75,000
8			87,100	107,700	60,900	95,000	101,100	98,000
9			0	88,600	27,600	179,800	109,500	114,400
10			158,700	147,000	194,200	229,400	219,300	217,100

[1] *Cash sources include wages and salaries, income from the sale of agriculture, fish and seafood and handicrafts and other cash income.*

Table 2-13 Household income and expenditure percentile and number of households, region, 2010 HIES

Income percentile	Expenditure percentile										
	1	2	3	4	5	6	7	8	9	10	Total
Vanuatu	**5,070**	**5,070**	**5,080**	**5,060**	**5,080**	**5,090**	**5,060**	**5,080**	**5,070**	**5,080**	**50,740**
1	1560	650	600	510	370	430	340	230	220	170	5,070
2	1390	1320	780	620	330	130	170	180	120	40	5,070
3	780	900	910	800	430	520	290	240	120	80	5,080
4	420	740	930	900	720	530	430	200	90	90	5,040
5	350	570	640	510	850	800	640	410	240	80	5,090
6	240	220	390	690	790	920	770	620	350	80	5,080
7	170	260	380	450	640	650	730	890	740	170	5,070
8	80	200	260	280	430	470	760	880	1110	640	5,060
9	50	100	180	180	420	410	590	890	1150	1110	5,070
10	30	120	10	130	100	240	350	540	930	2620	5,080
Rural	**4,470**	**4,270**	**4,230**	**4,250**	**3,830**	**3,840**	**3,490**	**3,380**	**3,390**	**3,150**	**38,270**
1	1420	530	430	390	190	220	200	130	130	50	3,690
2	1260	1260	660	510	300	80	50	110	70	20	4,320
3	710	780	810	620	340	390	150	130	90	70	4,090
4	320	610	870	830	570	440	320	110	60	80	4,210
5	330	450	520	450	740	660	490	260	120	10	4,030
6	170	120	330	570	570	710	610	400	220	50	3,750
7	140	210	300	390	480	500	610	640	430	90	3,790
8	40	140	180	230	250	340	540	630	770	380	3,500
9	50	70	130	150	310	340	330	610	930	740	3,660
10	30	100	0	110	80	160	190	360	570	1660	3,260
Urban	**590**	**800**	**850**	**810**	**1,240**	**1,250**	**1,560**	**1,700**	**1,680**	**1,930**	**12,470**
1	140	120	170	120	170	210	130	100	100	120	1,380
2	130	60	120	110	30	40	120	70	40	30	750
3	70	120	110	180	90	130	140	110	30	10	990
4	100	120	60	70	150	90	110	90	30	10	830
5	20	120	120	60	110	140	150	150	120	70	1,060
6	70	100	60	120	220	210	160	230	130	30	1,330
7	30	50	70	60	160	150	120	250	310	80	1,280
8	30	60	80	50	170	130	210	250	330	250	1,560
9	0	30	50	20	110	70	260	280	220	370	1,410
10	0	20	10	20	30	80	160	170	370	960	1,820

Note households reporting no income are included in income percentile 1.

Table 2-14 Region, type of monthly own account (subsistence) expenditure, average expenditure and sex of the household head, 2010 HIES

Total monthly own-account (OA) expenditure, type	Male headed households			Female headed households		
	Rural	Urban	Vanuatu	Rural	Urban	Vanuatu
Food	**941,720,400**	**77,027,100**	**1,018,747,500**	**97,830,200**	**12,342,000**	**110,172,200**
H'holds with OA production	30,210	6,030	36,240	4,440	970	5,410
People residing in these h'holds	152,090	34,090	186,180	17,110	4,750	21,860
% h'holds with OA expenditure	91.0	55.3	82.2	87.1	60.6	80.7
Average h'hold OA expenditure	31,200	12,800	28,100	22,000	12,700	20,400
Average per capita OA expenditure	6,200	2,300	5,500	5,700	2,600	5,000
Housing	**66,700**	**0**	**66,700**	**2,200**		**2,200**
H'holds with OA production	500	10	510	30		30
People residing in these h'holds	2,680	40	2,730	140		140
% h'holds with OA expenditure	1.5	0.1	1.2	0.6		0.4
Average h'hold OA expenditure	100	0	100	100		100
Average per capita OA expenditure	0	0	0	0		0
Household Operation	**80,215,400**	**8,202,100**	**88,417,500**	**9,603,800**	**1,029,000**	**10,632,800**
H'holds with OA production	24,340	2,970	27,320	3,540	380	3,920
People residing in these h'holds	124,040	16,880	140,920	13,870	1,890	15,760
% h'holds with OA expenditure	73.3	27.2	62.0	69.4	23.8	58.5
Average h'hold OA expenditure	3,300	2,800	3,200	2,700	2,700	2,700
Average per capita OA expenditure	600	500	600	700	500	700
Clothing	**23,800**	**162,400**	**186,200**	**1,700**		**1,700**
H'holds with OA production	30	70	100	10		10
People residing in these h'holds	150	500	660	20		20
% h'holds with OA expenditure	0.1	0.6	0.2	0.2		0.1
Average h'hold OA expenditure	800	2,300	1,900	200		200
Average per capita OA expenditure	200	300	300	100		100
Alcohol, kava & tobacco	**32,775,600**	**595,900**	**33,371,500**	**1,826,500**	**127,800**	**1,954,300**
H'holds with OA production	11,300	400	11,710	780	80	860
People residing in these h'holds	58,170	2,240	60,410	3,330	470	3,800
% h'holds with OA expenditure	34.0	3.7	26.6	15.3	5.0	12.8
Average h'hold OA expenditure	2,900	1,500	2,800	2,300	1,600	2,300
Average per capita OA expenditure	600	300	600	500	300	500
Miscellaneous goods	**236,600**	**2,400**	**239,000**	**4,900**		**4,900**
H'holds with OA production	310	10	310	10		10
People residing in these h'holds	1,760	30	1,790	40		40
% h'holds with OA expenditure	0.9	0.1	0.7	0.2		0.1
Average h'hold OA expenditure	800	200	800	500		500
Average per capita OA expenditure	100	100	100	100		100
Total monthly OA expenditure	**1,055,038,600**	**85,989,900**	**1,141,028,500**	**109,269,200**	**13,498,800**	**122,768,000**
Average h'hold OA expenditure	34,900	14,000	31,300	24,600	13,900	22,700
Average per capita OA expenditure	6,900	2,500	6,100	6,400	2,800	5,600

Table 2-15 Size of the household and household monthly expenditure, 2010 HIES

Household expenditure	Household size and average monthly expenditure					
	1	2-4	5-7	8-10	11+	Total
Vanuatu	**42,600**	**65,800**	**82,500**	**114,500**	**162,200**	**76,200**
<10,000	8,000	9,200	9,700			9,000
10,000 - 19,999	14,700	16,400	17,600	14,800		15,900
20,000 - 29,999	24,000	25,100	26,000	25,200		25,100
30,000 - 39,999	35,300	34,900	35,300	34,800	31,800	34,400
40,000 - 49,999	42,700	44,900	44,800	44,700	48,500	45,100
50,000 - 59,999	55,300	54,700	54,500	55,300	57,300	55,400
60,000 - 69,999	66,300	65,000	64,200	65,600	60,900	64,400
70,000 - 79,999	72,100	74,800	74,700	74,500	74,600	74,100
80,000 - 89,999	84,000	84,700	85,500	85,500	87,600	85,500
90,000 - 99,999	94,100	94,800	94,700	94,200	97,100	95,000
100,000 - 124,999	111,200	112,100	111,500	111,100	104,600	110,100
125,000 - 149,999	137,700	136,200	135,900	139,200	128,700	135,500
150,000 - 199,999	168,300	172,300	174,500	174,800	169,100	171,800
≥ 200,000	267,600	311,200	280,700	284,800	257,600	280,400
Rural	***39,100***	***60,500***	***76,300***	***103,100***	***147,600***	***69,300***
<10,000	8,000	9,200	9,700			9,000
10,000 - 19,999	14,400	16,300	17,600	13,100		15,400
20,000 - 29,999	24,000	24,900	26,000	25,200		25,000
30,000 - 39,999	35,300	34,800	35,200	34,600	31,800	34,300
40,000 - 49,999	42,700	44,800	44,800	44,300	48,500	45,000
50,000 - 59,999	55,400	54,800	54,500	54,800	56,000	55,100
60,000 - 69,999	65,900	64,800	64,200	65,400	60,900	64,200
70,000 - 79,999	72,700	74,700	74,600	74,900	75,100	74,400
80,000 - 89,999	84,700	84,500	85,400	85,000	87,600	85,400
90,000 - 99,999	93,400	94,900	94,600	94,300	94,100	94,300
100,000 - 124,999	110,400	112,900	111,400	112,200	104,600	110,300
125,000 - 149,999	133,400	137,000	135,900	140,600	127,000	134,800
150,000 - 199,999	168,700	171,500	174,200	171,100	152,600	167,600
≥ 200,000	267,600	329,600	272,200	269,500	243,500	276,500
Urban	***56,300***	***83,100***	***102,500***	***135,600***	***180,800***	***97,300***
<10,000						
10,000 - 19,999	15,800	17,500	18,900	16,100		17,100
20,000 - 29,999	24,200	26,400	25,900			25,500
30,000 - 39,999	35,200	35,700	35,600	35,700		35,600
40,000 - 49,999		45,300	44,600	45,900		45,300
50,000 - 59,999	55,300	54,600	54,900	57,700	59,400	56,400
60,000 - 69,999	67,100	65,500	64,400	66,300		65,800
70,000 - 79,999	70,700	75,300	75,100	73,200	74,400	73,700
80,000 - 89,999	82,000	85,100	85,700	86,600		84,900
90,000 - 99,999	96,000	94,700	95,200	94,200	99,400	95,900
100,000 - 124,999	112,500	110,800	111,500	108,400		110,800
125,000 - 149,999	143,500	134,700	135,800	138,100	129,800	136,400
150,000 - 199,999	167,200	174,200	174,900	180,700	175,200	174,400
≥ 200,000		290,500	295,600	300,900	278,000	291,300

Table 2-16 Size of the household, province and average household monthly expenditure, 2010 HIES

Size of household	Province										
	Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	Urban	Vanuatu
1	19,200	40,100	26,600	32,500	57,400	43,800	39,100	47,900	57,800	56,300	42,600
2-4	50,300	66,000	68,400	49,700	68,700	56,200	60,400	71,200	87,100	83,100	65,800
5-7	68,100	76,800	76,900	68,000	97,700	66,500	76,200	81,800	108,400	102,600	82,500
8-10	84,200	79,600	121,400	90,600	133,900	96,900	102,900	116,700	138,300	135,600	114,100
11+	124,600	119,400	95,400	159,900	181,200	128,300	147,600	75,900	185,600	178,400	161,300
Total	**60,600**	**70,700**	**72,500**	**57,000**	**86,300**	**65,100**	**69,300**	**77,700**	**102,700**	**97,300**	**76,200**

Table 2-17 Number of working persons aged 10 years and over, region and average household monthly expenditure, 2010 HIES

Number of working persons[1]	Region and average h'hold monthly expenditure		
	Rural	Urban	Vanuatu
0	54,000	79,900	58,700
1	62,500	78,200	68,400
2	67,400	105,100	75,100
3	80,300	126,100	92,000
4	97,400	139,200	104,400
5	94,400	161,000	103,500
6	117,900	215,900	125,600
7	137,400	322,700	160,100
8	173,200	126,800	154,200
9	200,900		200,900
Total	**69,300**	**97,300**	**76,200**

[1] *Number of working persons: includes those working for pay, sales revenue, profit or goods in-kind, unpaid (volunteer) workers and people who work in the garden (subsistence), 91,790 people in 44,170 households.*

Table 2-18 Province, source of monthly income, household and population counts, average monthly income, 2010 HIES

	Province										
Total monthly income, source	**Torba**	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Wages & salaries	**12,713,300**	**93,764,300**	**37,279,600**	**63,473,800**	**515,781,100**	**19,383,700**	**742,395,900**	**128,735,700**	**754,116,900**	**882,852,600**	**1,625,248,500**
H'holds with income	210	1,820	790	1,240	2,950	490	7,500	2,290	8,360	10,660	18,160
People residing in these h'holds	1,420	9,260	3,550	6,110	17,810	2,670	40,830	13,130	42,640	55,770	96,600
% h'holds with income	12	26	11	14	42	7	20	85	86	85	36
Average h'hold income	60,500	51,500	47,200	51,200	174,800	39,600	99,000	56,200	90,200	82,800	89,500
Average per capita income	9,000	10,100	10,500	10,400	29,000	7,300	18,200	9,800	17,700	15,800	16,800
Home consumption	**52,903,300**	**265,892,300**	**226,742,300**	**220,425,500**	**157,763,400**	**240,581,000**	**1,164,307,800**	**26,334,300**	**73,154,400**	**99,488,700**	**1,263,796,500**
H'holds with income	1,550	6,880	6,150	8,190	5,210	6,710	34,700	2,130	4,980	7,110	41,810
People residing in these h'holds	8,420	34,390	28,050	36,050	28,770	33,750	169,440	12,430	27,030	39,460	208,890
% h'holds with income	87	98	89	94	75	98	91	79	51	57	82
Average h'hold income	34,100	38,600	36,900	26,900	30,300	35,900	33,600	12,400	14,700	14,000	30,200
Average per capita income	6,300	7,700	8,100	6,100	5,500	7,100	6,900	2,100	2,700	2,500	6,100
Household enterprise	**47,856,400**	**280,681,800**	**165,457,000**	**212,032,400**	**164,260,400**	**83,109,100**	**953,397,200**	**34,936,200**	**96,634,400**	**131,570,600**	**1,084,967,800**
H'holds with income	1,490	5,340	5,680	7,500	4,620	5,240	29,870	770	2,570	3,340	33,200
People residing in these h'holds	8,240	27,130	26,100	33,240	25,180	26,950	146,840	4,370	14,410	18,780	165,620
% h'holds with income	83	76	82	86	66	76	78	29	26	27	65
Average h'hold income	32,100	52,600	29,100	28,300	35,600	15,900	31,900	45,400	37,600	39,400	32,700
Average per capita income	5,800	10,300	6,300	6,400	6,500	3,100	6,500	8,000	6,700	7,000	6,600
Gifts received	**2,696,700**	**11,972,600**	**28,751,000**	**19,118,100**	**20,884,400**	**20,226,400**	**103,649,200**	**5,197,900**	**30,591,900**	**35,789,800**	**139,439,000**
H'holds with income	320	1,520	2,810	2,300	1,450	1,970	10,380	460	1,540	2,000	12,380
People residing in these h'holds	1,630	7,440	13,000	9,970	8,370	9,690	50,110	2,630	8,570	11,190	61,300
% h'holds with income	18	22	41	26	21	29	27	17	16	16	24
Average h'hold income	8,400	7,900	10,200	8,300	14,400	10,300	10,000	11,300	19,900	17,900	11,300
Average per capita income	1,700	1,600	2,200	1,900	2,500	2,100	2,100	2,000	3,600	3,200	2,300
Other cash income	**393,400**	**2,240,400**	**2,644,700**	**2,236,000**	**13,255,000**	**2,796,300**	**23,565,800**	**1,192,600**	**17,992,000**	**19,184,600**	**42,750,400**
H'holds with income	240	880	1,210	1,120	2,320	1,490	7,260	290	2,650	2,940	10,200
People residing in these h'holds	1,480	4,430	5,690	4,720	12,620	8,520	37,470	1,520	15,020	16,540	54,010
% h'holds with income	13	13	17	13	33	22	19	11	27	24	20
Average h'hold income	1,600	2,500	2,200	2,000	5,700	1,900	3,200	4,100	6,800	6,500	4,200
Average per capita income	300	500	500	500	1,100	300	600	800	1,200	1,200	800
Total monthly income	**116,563,200**	**654,551,400**	**460,874,600**	**517,285,800**	**871,944,400**	**366,096,500**	**2,987,315,900**	**196,396,600**	**972,489,600**	**1,168,886,200**	**4,156,202,100**
Average h'hold income	65,800	94,000	67,700	60,200	131,800	53,500	79,500	74,100	104,100	97,500	83,800
Average per capita income	12,100	18,800	15,000	13,800	24,500	10,700	16,400	13,200	20,400	18,700	17,000

Table 2-19 Province, type of monthly expenditure, household and population counts, average monthly expenditure, 2010 HIES

Province	Monthly expenditure	Expenditure group: Food	Housing	H'hold opn	Clothing & f'wear	Transport	Alcohol, kava & tobacco	Miscellaneous	Other non-consumption	Gifts received	Total
Torba	**Total expenditure**	**78,065,400**	**3,666,900**	**11,173,000**	**202,400**	**1,403,300**	**4,068,500**	**3,754,800**	**4,934,300**	**1,213,700**	**108,482,200**
	H'holds with expenditure	1,790	1,790	1,740	420	590	1,120	1,500	1,150	90	1,790
	People residing in these h'holds	9,710	9,670	9,490	2,470	3,460	6,320	8,350	6,330	530	9,710
	Average h'hold expenditure	43,600	2,100	6,400	500	2,400	3,600	2,500	4,300	13,300	60,600
	Average per capita expenditure	8,000	400	1,200	100	400	600	400	800	2,300	11,200
Sanma	**Total expenditure**	**344,201,000**	**21,094,800**	**52,117,900**	**975,800**	**20,317,100**	**17,577,500**	**18,146,800**	**20,152,300**	**2,649,500**	**497,232,500**
(rural)	H'holds with expenditure	7,040	7,040	6,810	1,840	3,430	3,900	5,900	3,660	450	7,040
	People residing in these h'holds	35,240	35,240	34,050	9,610	18,100	20,340	30,600	19,080	2,050	35,240
	Average h'hold expenditure	48,900	3,000	7,600	500	5,900	4,500	3,100	5,500	5,900	70,700
	Average per capita expenditure	9,800	600	1,500	100	1,100	900	600	1,100	1,300	14,100
Penama	**Total expenditure**	**317,275,300**	**19,844,000**	**53,768,900**	**657,800**	**13,664,300**	**18,812,400**	**24,694,200**	**46,762,100**	**6,560,300**	**502,039,200**
	H'holds with expenditure	6,930	6,930	6,590	1,690	3,900	4,470	6,520	5,440	1,020	6,930
	People residing in these h'holds	31,100	31,100	29,920	8,290	18,120	21,190	29,640	24,670	4,690	31,100
	Average h'hold expenditure	45,800	2,900	8,200	400	3,500	4,200	3,800	8,600	6,500	72,500
	Average per capita expenditure	10,200	600	1,800	100	800	900	800	1,900	1,400	16,100
Malampa	**Total expenditure**	**315,667,000**	**19,463,500**	**46,055,600**	**1,401,800**	**14,459,500**	**29,325,100**	**28,120,900**	**35,836,800**	**4,504,000**	**494,834,400**
	H'holds with expenditure	8,680	8,660	8,450	2,600	4,650	5,180	7,810	6,460	900	8,680
	People residing in these h'holds	37,600	37,580	37,030	13,090	21,500	23,620	34,890	28,910	4,020	37,600
	Average h'hold expenditure	36,400	2,200	5,400	500	3,100	5,700	3,600	5,500	5,000	57,000
	Average per capita expenditure	8,400	500	1,200	100	700	1,200	800	1,200	1,100	13,200
Shefa	**Total expenditure**	**305,640,100**	**46,932,500**	**83,024,200**	**2,146,100**	**41,396,500**	**26,401,300**	**47,846,700**	**42,030,600**	**5,005,200**	**600,423,300**
(rural)	H'holds with expenditure	6,960	6,920	6,400	1,770	4,150	3,190	6,520	5,490	690	6,960
	People residing in these h'holds	37,280	36,980	34,760	11,590	23,170	18,880	35,010	29,650	3,800	37,280
	Average h'hold expenditure	43,900	6,800	13,000	1,200	10,000	8,300	7,300	7,700	7,200	86,300
	Average per capita expenditure	8,200	1,300	2,400	200	1,800	1,400	1,400	1,400	1,300	16,100
Tafea	**Total expenditure**	**285,912,400**	**17,092,800**	**51,358,200**	**849,300**	**15,309,400**	**24,598,700**	**11,458,000**	**31,936,000**	**9,448,900**	**447,963,700**
	H'holds with expenditure	6,880	6,860	6,700	1,300	3,090	4,690	5,530	4,050	1,130	6,880
	People residing in these h'holds	34,360	34,220	33,820	7,480	17,010	24,290	28,620	21,430	5,430	34,360
	Average h'hold expenditure	41,500	2,500	7,700	700	4,900	5,200	2,100	7,900	8,400	65,100
	Average per capita expenditure	8,300	500	1,500	100	900	1,000	400	1,500	1,700	13,000
Luganville	**Total expenditure**	**104,456,600**	**19,107,100**	**41,107,100**	**1,148,200**	**12,663,700**	**10,629,600**	**11,418,600**	**8,524,200**	**796,700**	**209,851,700**
	H'holds with expenditure	2,700	2,680	2,660	1,220	1,720	1,380	2,510	1,660	120	2,700
	People residing in these h'holds	15,110	15,060	14,930	7,050	10,030	7,850	14,370	9,420	610	15,110
	Average h'hold expenditure	38,700	7,100	15,500	900	7,400	7,700	4,500	5,100	6,500	77,700
	Average per capita expenditure	6,900	1,300	2,800	200	1,300	1,400	800	900	1,300	13,900

Continued

Province	Monthly expenditure	Expenditure group: Food	Housing	H'hold opn	Clothing & f'wear	Transport	Alcohol, kava & tobacco	Miscellaneous	Other non-consumption	Gifts received	Total
Port Vila	**Total expenditure**	**410,766,600**	**116,650,600**	**189,698,700**	**6,865,700**	**86,324,300**	**46,227,800**	**76,817,300**	**59,498,200**	**10,425,300**	**1,003,274,400**
	H'holds with expenditure	9,760	9,710	9,650	4,760	6,860	4,930	9,480	7,480	680	9,760
	People residing in these h'holds	49,450	49,130	49,040	24,880	36,200	25,910	48,320	38,500	3,990	49,450
	Average h'hold expenditure	42,100	12,000	19,700	1,400	12,600	9,400	8,100	8,000	15,400	102,700
	Average per capita expenditure	8,300	2,400	3,900	300	2,400	1,800	1,600	1,500	2,600	20,300
Rural	**Total expenditure**	**1,646,761,100**	**128,094,500**	**297,497,800**	**6,233,300**	**106,550,000**	**120,783,400**	**134,021,400**	**181,652,100**	**29,381,600**	**2,650,975,300**
	H'holds with expenditure	38,270	38,190	36,700	9,630	19,810	22,560	33,770	26,240	4,280	38,270
	People residing in these h'holds	185,290	184,780	179,070	52,520	101,360	114,640	167,100	130,070	20,520	185,290
	Average h'hold expenditure	43,000	3,400	8,100	600	5,400	5,400	4,000	6,900	6,900	69,300
	Average per capita expenditure	8,900	700	1,700	100	1,100	1,100	800	1,400	1,400	14,300
Urban	**Total expenditure**	**515,223,200**	**135,757,700**	**230,805,700**	**8,013,800**	**98,988,000**	**56,857,400**	**88,235,900**	**68,022,400**	**11,221,900**	**1,213,126,100**
	H'holds with expenditure	12,470	12,400	12,300	5,980	8,570	6,310	11,990	9,140	800	12,470
	People residing in these h'holds	64,560	64,190	63,970	31,930	46,230	33,760	62,690	47,920	4,600	64,560
	Average h'hold expenditure	41,300	10,900	18,800	1,300	11,500	9,000	7,400	7,400	14,100	97,300
	Average per capita expenditure	8,000	2,100	3,600	300	2,100	1,700	1,400	1,400	2,400	18,800
Vanuatu	**Total expenditure**	**2,161,984,400**	**263,852,200**	**528,303,500**	**14,247,100**	**205,538,000**	**177,640,800**	**222,257,300**	**249,674,500**	**40,603,500**	**3,864,101,400**
	H'holds with expenditure	50,740	50,590	49,000	15,610	28,380	28,860	45,760	35,390	5,070	50,740
	People residing in these h'holds	249,850	248,970	243,040	84,460	147,590	148,410	229,780	177,990	25,120	249,850
	Average h'hold expenditure	42,600	5,200	10,800	900	7,200	6,200	4,900	7,100	8,000	76,200
	Average per capita expenditure	8,700	1,100	2,200	200	1,400	1,200	1,000	1,400	1,600	15,500

Chapter 3. Housing

Concepts and definitions

This section provides information about the characteristics of the housing (or dwellings) that households live in, if they moved house since 2005 and the expenditure households made for housing and household operations. A range of questions were asked about the housing including:

- Materials used for the roof, floor, walls;
- Type of kitchen;
- Main type of lighting used;
- Main fuel used for cooking;
- Main source of drinking and cooking water and information about how water is collected; and
- Sanitation including main toilet facility used by the household and where household members wash themselves (shower/bath place).

Households in rural areas, and some in urban areas, usually live in traditional houses mostly made from local materials (thatch leaves, local hard wood, bamboo, coral flooring) to local designs (separate buildings for sleeping, cooking and bathing). Permanent houses are those constructed out of cement blocks or wood (including masonite sheeting), with a galvanised iron or similar roof and cement floor. Some permanent houses are constructed entirely out of galvanised iron sheeting. Houses which are mixed typically have some permanent and some traditional materials, such as an iron roof and concrete floor with woven thatch walls. Makeshift houses are generally made out of whatever materials were available to the household at the time of construction so can be a mix of both permanent and traditional materials, as well as plastic or other tarpaulin covers, cardboard and so on.

In terms of the services and utilities – electricity, water, sewerage, household rubbish collection and so on – the network in Vanuatu is limited. There is no mains sewerage treatment system in Vanuatu. The main urban centres of Port Vila, Luganville and Lenakel in Tanna, Tafea and environs have electricity grids and mains water supply. In some other areas, such as provincial centres in Torba, Penama and Malampa, there is mains electricity of sorts provided through the provincial government and there are some community operated electricity generators.

Mains type water supply is available in Port Vila and Luganville and environs; with some rural areas having community catchment systems but most rural households rely on rain water tanks, wells catchment systems or collect water from nearby waterways. Provincial administrations are providing water supply systems in provincial centres in Torba, Penama and Malampa. Rainfall is variable in Vanuatu, with generally reliable rainfall all year round, but some areas are prone to drought and many households have to carefully manage their water supply because of limited catchment systems.

Results

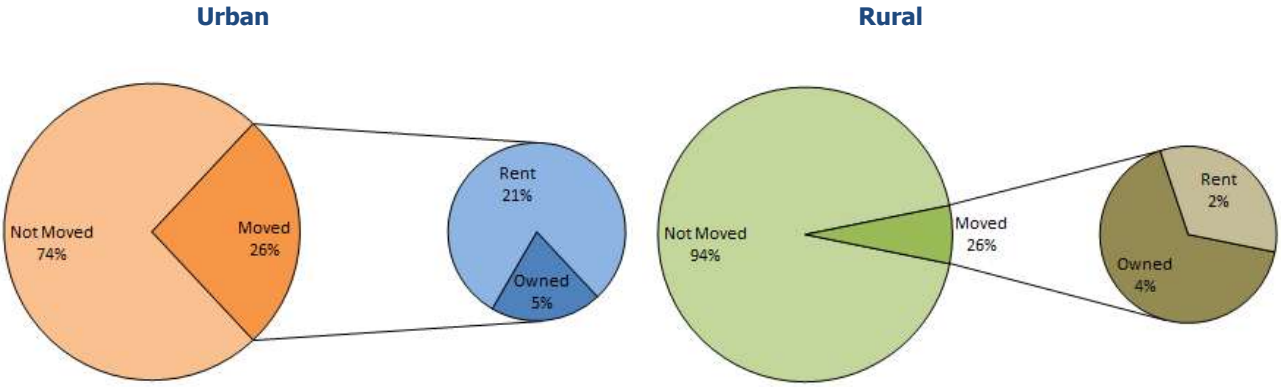
Moved since 2005

The 2010 HIES estimated that 5,680 or 11% of households had moved since 2005. The urban centres of Port Vila and Luganville had the highest proportions of households which had moved, with 26% of urban households having changed location since 2005 compared with 6% of rural ones (Figure 3-1). Households in rural areas which moved generally owned their house; indicating that perhaps they moved into their own home. However 80% of households in urban areas which had moved rented their house from a private person or company or employer including Government.

Households were asked to provide the main reason why they moved, although information was not collected about whether or not the household was 'new' since 2005. Overall 32% of households moved because of work related reasons, with this increasing to 53% of households in urban areas. This could involve a number of work related reasons including a household member getting a job and the household moving (or a new household

established), a voluntary move to live closer to the place of work, a transfer to another location, or even the pay from work giving the household enough money to move. Just over one quarter or 34% of households moved for 'other' reasons. These could include retiring from work, the purchase or acquisition of land and/or a house, or other issues 'pushing' households out of areas.

Figure 3-1 Households and migration since 2005, 2010 HIES



Housing characteristics

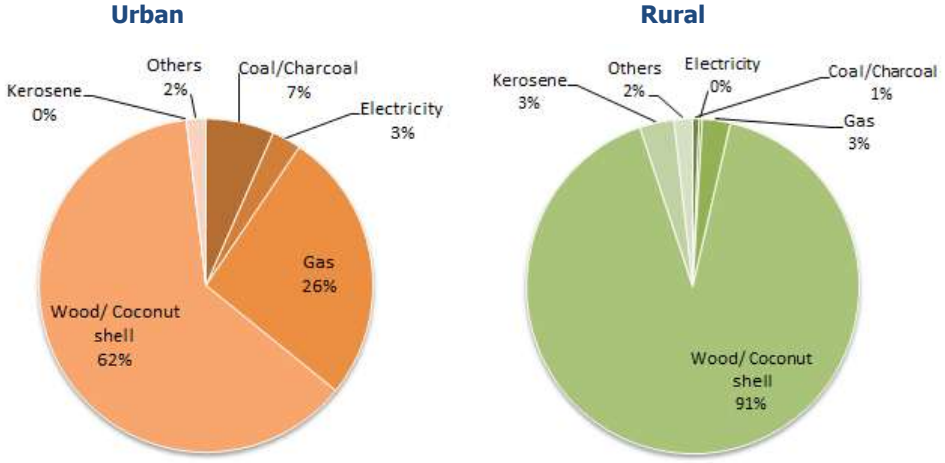
Overall 32%, or one-third, of households lived in houses built with traditional materials using traditional designs. Just over one in four or 26% of households lived in a house made of mixed traditional and permanent materials, of which 80% were in rural areas. In urban areas half of the households were living in houses constructed from permanent materials while 23% lived in a house made from a mix of permanent and traditional materials. A further 23% of urban households were considered by the household to me made from makeshift materials (Figure 3-2).

Figure 3-2 Type of house, 2010 HIES

Just over half or 52% of houses had an iron roof, 38% of houses in rural areas and 96% of houses in urban areas. Thatch rooves were almost only found in rural areas, with 61% of rural houses having a thatch roof compared with 4% of urban ones.

In the HIES 2010 42% of households usually used electricity as the main means of lighting their homes. In rural areas 30% of households – almost one third – used electricity for lighting; compared with 80% of urban households. Just over one-third or 34% of households used kerosene lamps as their main means of lighting, most of which were in rural areas with 42% of rural households using kerosene lamps. Of the households using electricity, 91% were supplied through the Union Electrique du Vanuatu Ltd (UNELCO) in Shefa, Malampa and Tafea or Vanuatu Utilities and Infrastructure (VUI) (in Sanma) compared with 3% using household generators and 2% receiving their electricity through the provincial government.

Figure 3-3 Main cooking fuel, 2010 HIES

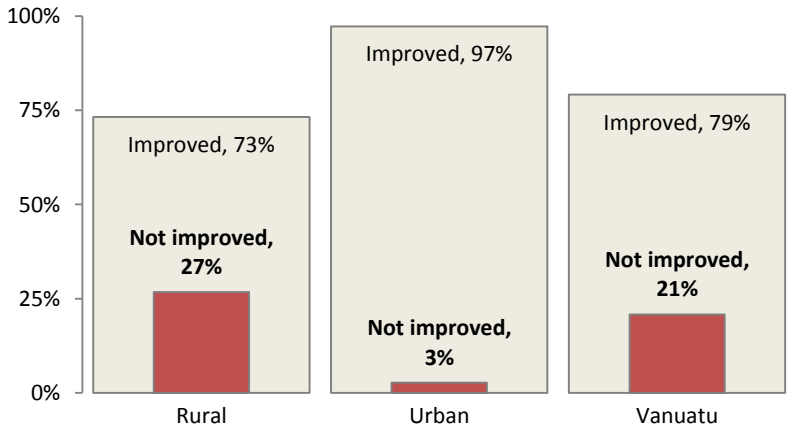


The use of wood or coconut shells for cooking was almost universal in rural areas, and it was only in urban areas that gas and other types of fuel were significant; but even in urban areas just over six out of every ten households mainly used wood for cooking (Figure 3-3).

Access to improved drinking water is a Millennium Development Goal (MDG) indicator, and overall 79% of both households and population mainly used improved sources of drinking water, increasing to 97% of urban households and population and decreasing to 73% in rural areas. Improved sources were defined as piped water (private inside the house or to outside the house), a private standpipe, a household tank, and a community tank (it was assumed that community take measures to make sure the tank water is clean) and a well (because again its assumed that the household takes measures to protect this source of water). Sources of water considered to be not improved included, springs and rivers (because of distance and quality issues) and other sources of drinking water (typically this is purchased water in bottles or coolers which is not considered sustainable).

In both urban and rural areas most households with 'not improved' drinking water were mostly using a well, although a significant proportion of rural households used a river or spring as the source of their drinking water. Overall 21% of households did not have access to improved drinking water, 3% of urban households and 27% of rural ones (Figure 3-4).

Figure 3-4 Percent of households in region and type of drinking water, 2010 HIES

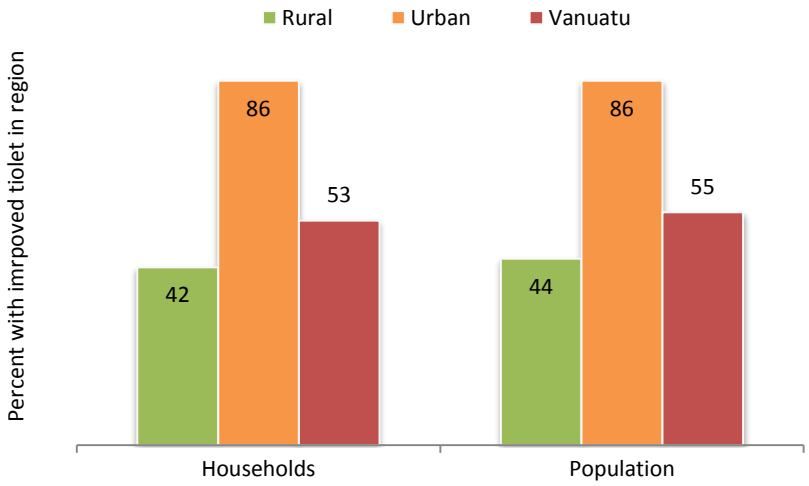


In Vanuatu 37% of households travelled to get water; in rural areas 40% of households had to travel for drinking water, compared with 29% of urban households. In the 18,920 households where members had to travel to get their drinking water 81% were in rural areas. In just over half, or 51% of households collecting water, it was normally collected by adult females. Female adults and children accounted for 57% of household members who normally collected water; adult males 39% and boys 5%.

In urban areas 62% of households had a private shower or bath for members to bathe compared with 46% in rural areas. In rural areas 10,110 households indicated that they did not have a shower or a separate place for bathing; implying that members would either use a water pipe or a basin or bucket of water to bathe.

The use of improved sanitation is a MDG indicator, and overall 53% of households (or 55% of the population) had a sanitary toilet facility (Figure 3-5). A sanitary toilet was defined as one which minimised waste contamination of the surrounding environment and included a flush toilet, Ventilated Improved Latrine (VIP[1]) and water seal toilets whether for the private use of the household or shared. Sub-standard toilet types were pit latrines (shared or private) and households with no toilet. Almost all urban households (86%) had a sanitary toilet.

Figure 3-5 Percent of households and population mainly using an improved toilet facility, 2010 HIES



Expenditure on housing and household operation

All household transactions for housing (including rent, home improvements, maintenance and the construction of new dwellings owned by the household) and household operation (furniture, furnishings, firewood, appliances, supplies such as batteries, washing soap, toilet paper, household services such as babysitting, telephone and communication and fuel and lighting expenses) were captured by the HIES.

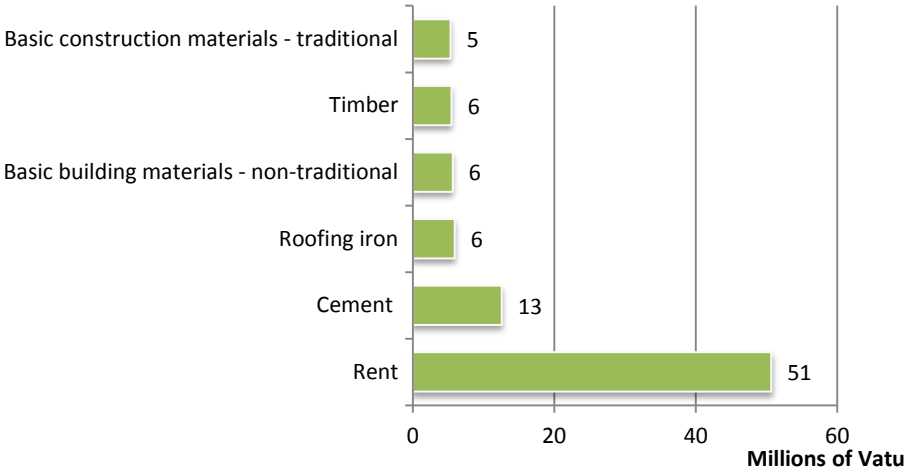
Households annually spent 9,505 million Vatu on housing and household operation combined, at 19% of total household expenditure. Spending on housing amounted to 2,200 million Vatu annually and household operation 3,100 million Vatu. The most significant monthly expenditures in the housing and household operation groups vary between rural and urban population.

Within the housing group, rent was the major expense, and it accounted for 24% of all expenditure (Figures 3–6 and 3–7). In the household operation group electricity (21%) and firewood (19%) were the major expenditures recorded (Figures 3–8 and 3–9). Electricity was a significant expenditure for both urban and rural households, and represented 33% of combined housing and household operation expenditure in urban households.

The major expenditure for rural households was firewood, 98% of which was own account production, compared with 66% of urban household's firewood being from own account production. Another major expenditure for rural households was floor rugs, carpet or mats – presumably these would be locally woven mats because 88% was from own account production.

[1] A VIP toilet has a vent pipe, screened at the top, so that odours are carried up and out the pipe and flies and other insects and pests are blocked from entering.

Figure 3-6 Major housing expenditure items, rural areas*, 2010 HIES



** Housing group expenditure items over a value of 5 million Vatu.*

Figure 3-7 Major housing expenditure items, urban areas*, 2010 HIES

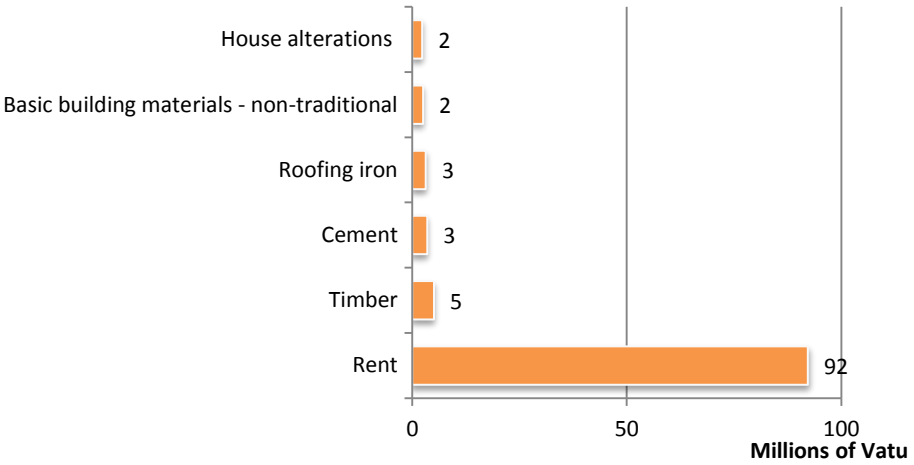
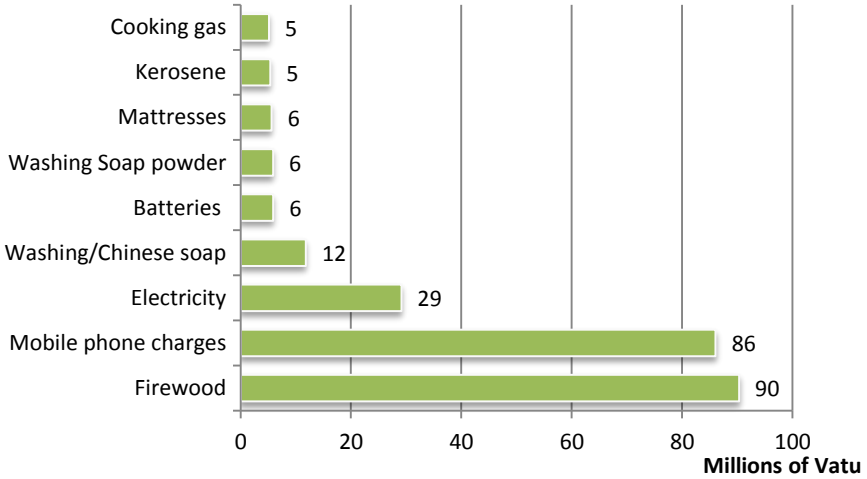
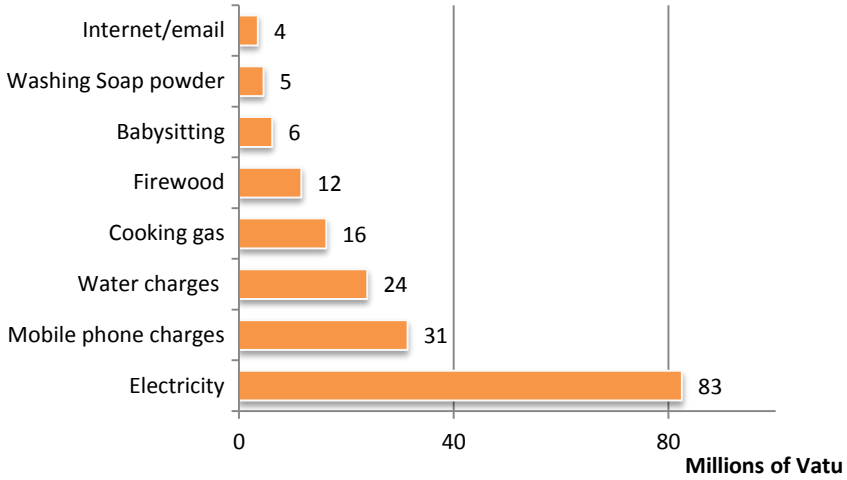


Figure 3-8 Major household operation expenditure items, rural areas*, 2010 HIES



** Household operation group expenditure items over a value of 5 million Vatu.*

Figure 3-9 Major household operation expenditure items, urban areas*, 2010 HIES



** Household operation group expenditure items over a value of 3.5 million Vatu.*

** Housing group expenditure items over a value of 2 million Vatu.*

Statistical tables

Table 3-1 Province and whether the household has moved since 2005 by tenure[1] of the dwelling, 2010 HIES

	Here since 2005					Move since 2005					
Province	**Rent**	**Occupy rent-free**	**Own with mortgage**	**Own dwelling**	**Total**	**Rent**	**Occupy rent-free**	**Own with mortgage**	**Own dwelling**	**Total**	**Total**
Torba	20	30		1,650	1,700	20	10		60	90	1,790
Sanma	70	380		6,140	6,590	20	70		360	450	7,040
Penama	80	130		6,310	6,520	90	50		280	410	6,930
Malampa	90	300		7,760	8,150	70	90		370	530	8,680
Shefa	90	320		5,880	6,290	190	130		350	660	6,960
Tafea	20	90	30	6,450	6,590	50	30		210	290	6,880
Rural	*360*	*1,250*	*30*	*34,190*	*35,830*	*440*	*370*		*1,620*	*2,430*	*38,270*
Luganville	290	180		1,830	2,290	210	40		160	410	2,700
Port Vila	1,620	1,180	170	3,950	6,930	1,910	420	70	440	2,840	9,760
Urban	*1,910*	*1,360*	*170*	*5,780*	*9,220*	*2,120*	*470*	*70*	*600*	*3,240*	*12,470*
Vanuatu	**2,270**	**2,610**	**200**	**39,970**	**45,060**	**2,550**	**840**	**70**	**2,220**	**5,670**	**50,740**

[1] *Rent includes those occupied dwellings rent free; owned includes those who own the house outright and those with housing loans or mortgages.*

Table 3-2 Households which have moved since 2005 and province and reason for moving, 2010 HIES

	Reason for moving							
Province	**Work related**	**Looking for work**	**To attend school**	**Land disputes**	**Natural disaster**	**Other**	**Not Stated**	**Total**
Torba	20				10	50		90
Sanma	160	10	10	100		160	10	450
Penama	150		40	30	40	150		410
Malampa	200	60				270		530
Shefa	200	70	20	50	50	260	30	660
Tafea	120	60				110		290
Rural	*850*	*200*	*70*	*170*	*100*	*1,000*	*40*	*2,430*
Luganville	120	100	10	10		160	10	410
Port Vila	830	860	120	140	20	760	120	2,830
Urban	*950*	*950*	*130*	*150*	*20*	*930*	*130*	*3,240*
Vanuatu	**1,800**	**1,150**	**200**	**320**	**120**	**1,930**	**170**	**5,670**

Table 3-3 Source of drinking water, province, 2010 HIES

	Province										
Drinking water source	**Torba**	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Piped water (private)	60	340	300	720	1,160	510	3,090	1,590	4,510	6,100	9,190
Piped water outside (shared)	120	790	720	1,330	810	1,380	5,150	270	3,230	3,500	8,650
Stand pipe (private)	190	80	520	240	240	510	1,780	190	340	530	2,320
Stand pipe (shared)	290	1,000	890	1,170	720	1,130	5,190	170	1,150	1,320	6,510
Household tank	440	1,390	2,030	1,230	2,230	370	7,680	360	250	610	8,290
Community tank	370	1,180	1,590	960	390	650	5,130	40	30	70	5,210
Total improved	*1,470*	*4,770*	*6,050*	*5,640*	*5,550*	*4,560*	*28,030*	*2,620*	*9,510*	*12,130*	*40,170*
Well	140	830	130	2,280	270	230	3,890	20	240	260	4,150
Spring	10	550	280	340	560	640	2,380				2,380
River	150	740	300	220	180	1,420	3,010		20	20	3,030
Other	20	100	140	200	360	10	820	40		40	870
Total not improved	*320*	*2,220*	*850*	*3,040*	*1,370*	*2,300*	*10,100*	*70*	*250*	*320*	*10,420*
Not Stated	0	50	30	0	30	20	140	10		10	150
Total	**1,790**	**7,040**	**6,930**	**8,680**	**6,960**	**6,880**	**38,270**	**2,700**	**9,760**	**12,470**	**50,740**

Table 3-4 Source of drinking water, whether household has to travel for drinking water, province, 2010 HIES

	Improved drinking water			Not improved drinking water			Not stated			
	Do not travel	**Travel**	**Total**	**Do not travel**	**Travel**	**Total**	**Do not travel**	**Travel**	**Total**	**Total**
Rural	*17,870*	*10,160*	*28,030*	*5,020*	*5,080*	*10,100*	*80*	*50*	*140*	*38,270*
Torba	910	560	1,470	190	130	320	0			1,790
Sanma	2,980	1,790	4,770	930	1,290	2,220	20	20	50	7,040
Penama	3,950	2,090	6,050	380	460	850	30		30	6,930
Malampa	3,420	2,210	5,640	1,820	1,220	3,040				8,680
Shefa	3,320	2,240	5,550	630	740	1,370	20	10	30	6,960
Tafea	3,290	1,270	4,560	1,070	1,230	2,300		20	20	6,880
Urban	*8,660*	*3,470*	*12,130*	*170*	*150*	*320*	*10*		*10*	*12,470*
Luganville	1,770	850	2,620	30	30	70	10		10	2,700
Port Vila	6,890	2,620	9,510	140	120	250				9,760
Vanuatu	**26,530**	**13,630**	**40,170**	**5,190**	**5,230**	**10,420**	**90**	**50**	**150**	**50,740**

Table 3-5 Province, household monthly expenditure and house type, 2010 HIES

Province	Monthly Expenditure	Traditional house	Permanent house	Mixed house	Makeshift house	Other (flat etc)	Not stated	Total
Torba	**Total h'hold expenditure**	58,277,400	13,734,100	35,474,000	830,500	587,700	235,100	109,138,700
	H'holds	1,080	160	530	10	0	10	1,790
	Population	5,760	870	2,950	60	20	40	9,710
	Av. h'hold expenditure	53,800	88,500	67,000	69,600	147,700	29,500	60,900
Sanma	**Total h'hold expenditure**	217,282,600	86,443,700	192,236,000	3,882,300	1,187,900	1,535,300	502,567,800
	H'holds	3,080	1,220	2,600	60	40	40	7,040
	Population	16,160	5,780	12,850	220	80	140	35,240
	Av. h'hold expenditure	70,500	70,900	73,800	65,500	32,100	42,700	71,400
Penama	**Total h'hold expenditure**	245,070,900	111,063,700	110,418,300	43,153,400	1,933,700	2,713,500	514,353,500
	H'holds	3,660	1,380	1,380	440	30	40	6,930
	Population	16,450	5,950	6,500	1,850	190	170	31,100
	Av. h'hold expenditure	66,900	80,500	79,900	98,500	77,000	65,000	74,200
Malampa	**Total h'hold expenditure**	146,166,600	108,279,300	244,759,300	1,065,700	3,149,100	838,800	504,258,900
	H'holds	2,700	1,730	4,190	20	30	10	8,680
	Population	11,660	7,320	18,210	70	240	90	37,600
	Av. h'hold expenditure	54,200	62,400	58,500	65,800	107,200	58,900	58,100
Shefa	**Total h'hold expenditure**	76,429,100	323,991,300	122,022,300	56,443,300	22,709,100	13,798,400	615,393,400
	H'holds	1,170	3,330	1,350	650	280	170	6,960
	Population	5,130	19,110	6,540	3,840	1,600	1,060	37,280
	Av. h'hold expenditure	65,100	97,300	90,700	86,300	80,000	82,800	88,500
Tafea	**Total h'hold expenditure**	257,463,700	126,396,900	51,231,100	16,214,200	579,000	2,314,400	454,199,300
	H'holds	4,280	1,580	760	180	10	60	6,880
	Population	21,200	8,540	3,630	740	60	180	34,360
	Av. h'hold expenditure	60,100	79,900	67,000	89,600	57,700	37,500	66,000
Rural	*Total h'hold expenditure*	*1,000,690,400*	*769,909,000*	*756,141,000*	*121,589,400*	*30,146,500*	*21,435,400*	*2,699,911,600*
	H'holds	*76,360*	*47,580*	*50,680*	*6,790*	*2,200*	*1,690*	*185,290*
	Population	*76,360*	*47,580*	*50,680*	*6,790*	*2,200*	*1,690*	*185,290*
	Av. h'hold expenditure	*62,600*	*81,900*	*70,000*	*89,400*	*77,400*	*65,300*	*70,500*
Luganville	**Total h'hold expenditure**	6,564,400	130,855,700	64,480,400	6,075,900	3,606,500	1,661,200	213,244,100
	H'holds	110	1,500	930	90	40	30	2,700
	Population	490	8,450	5,260	580	230	100	15,110
	Av. h'hold expenditure	62,000	87,300	69,300	64,200	80,900	59,600	78,900
Port Vila	**Total h'hold expenditure**	18,925,800	551,491,000	154,101,200	217,652,300	67,586,600	13,664,400	1,023,421,400
	H'holds	170	4,430	1,790	2,670	660	50	9,760
	Population	1,010	24,010	8,240	12,280	3,580	320	49,450
	Av. h'hold expenditure	112,000	124,600	86,100	81,500	102,600	269,600	104,800
Urban	*Total h'hold expenditure*	*25,490,200*	*682,346,700*	*218,581,600*	*223,728,200*	*71,193,200*	*15,325,600*	*1,236,665,500*
	H'holds	*270*	*5,920*	*2,720*	*2,760*	*700*	*80*	*12,470*
	Population	*1,510*	*32,460*	*13,510*	*12,860*	*3,810*	*420*	*64,560*
	Av. h'hold expenditure	*92,800*	*115,200*	*80,300*	*80,900*	*101,200*	*195,200*	*99,200*

Table 3-6 Households which have moved since 2005, province, sex of household head and reason for moving, 2010 HIES

Province, sex of household head	Reason for moving							Total
	Work related	Looking for work	To attend school	Land disputes	Natural disaster	Other	Not Stated	
Male Head	**1,570**	**990**	**170**	**310**	**110**	**1,570**	**140**	**4,860**
Torba	20				10	40		**80**
Sanma	110	10	10	90		120	10	**350**
Penama	130		40	30	40	140		**370**
Malampa	150	60				240		**450**
Shefa	200	50		50	50	180	20	**540**
Tafea	80	40				100		**220**
Rural	*690*	*160*	*50*	*160*	*100*	*830*	*30*	*2,020*
Luganville	100	90		10		140	10	**360**
Port Vila	780	740	120	140	20	590	100	**2,480**
Urban	*880*	*830*	*120*	*150*	*20*	*740*	*110*	*2,840*
Female Head	**240**	**160**	**20**	**10**		**360**	**30**	**820**
Torba						10		**10**
Sanma	50			10		40		**100**
Penama	20					10		**40**
Malampa	50					30		**80**
Shefa		20	20			80	10	**120**
Tafea	40	20				10		**70**
Rural	*160*	*40*	*20*	*10*		*170*	*10*	*410*
Luganville	20	10	10			20		**50**
Port Vila	50	120				170	20	**350**
Urban	*70*	*120*	*10*			*190*	*20*	*400*

Table 3-7 Roof and wall material by house type, region, 2010 HIES

Roof Material	Wall Material	Traditional	Make shift	Mixed House	Permanent	Others (flat etc)	Not stated	Total
Iron roof		**410**	**960**	**3,330**	**9,160**	**310**	**220**	14,400
	Cement	80	90	340	5,020	50	30	5,600
	Iron roof	100	580	730	2,760	230	70	4,470
	Cardboard			230	290	20	20	560
	Cement sheet		30	100	560		30	730
	Wood	10	30	210	170		20	450
	Wild cane	20	30	150				200
	Natangura/coconut	20		20		10		60
	Bamboo/other	180	200	1,550	360		30	2,320
	Not Stated						20	20
Natangura		**11,410**	**350**	**7,200**	**140**	**70**	**110**	19,280
	Cement	60	30	790	30	10		930
	Iron roof	130	70	320	30		20	570
	Cardboard	120	10	200	10	10		350
	Cement sheet	40	30	40				110
	Wood	2,090	50	760	10	20		2,930
	Wild cane	730		430				1,160
	Natangura/coconut	390		130	30			560
	Bamboo/other	7,850	160	4,520	30	20	40	12,620
	Not Stated						50	50

Continued

Roof Material	Wall Material	Traditional	Make shift	Mixed House	Permanent	Others (flat etc)	Not stated	Total
Coconut		**1,900**	**40**	**140**		**10**		2,090
	Cement			10				10
	Iron roof		20	100				120
	Cardboard	20						20
	Cement sheet			10				10
	Wood	10						10
	Wild cane	840		10		10		860
	Natangura/coconut	80						80
	Bamboo/other	960	20	10				980
Wild Cane		**1,800**	**10**	**40**	**30**			1,880
	Iron roof	10	10	40				60
	Cardboard	10						10
	Cement sheet	40			20			60
	Wood	50						50
	Wild cane	840			10			850
	Natangura/coconut	10						10
	Bamboo/other	840						840
Other leaf		**130**		**30**				150
	Iron roof			10				10
	Wild cane	80		0				80
	Others	40		20				60
Other		**330**		**70**	**70**			470
	Cement			20	60			80
	Iron roof				10			10
	Cardboard	10						10
	Wood	20						20
	Wild cane	80						80
	Natangura/coconut	10						10
	Bamboo/other	200		50				260
Rural Areas		**16,260**	**4,120**	**13,530**	**15,330**	**580**	**410**	**38,270**
Urban Areas		**270**	**2,760**	**2,720**	**5,920**	**700**	**80**	**12,470**

Table 3-8 Type of kitchen and house type, number of households, region, 2010 HIES

Type of Kitchen	Traditional house	Permanent house	Makeshift house	Mixed House	Other (flat etc)	Not stated	Total
Vanuatu	**16,260**	**15,330**	**4,120**	**13,530**	**1,090**	**410**	**50,740**
Bush kitchen (outside)	11,370	8,860	3,400	10,710	550	220	35,120
Kitchen inside the house	1,990	2,260	260	800	170	30	5,510
Both inside & outside (bush) kitchen	1,890	3,550	380	1,170	300	40	7,340
Place to cook inside	730	550	40	450	70		1,840
No Place to cook	40	30	30	10			110
Not stated	70			40		120	240
Other	160	70	10	350			580
Rural	*15,980*	*9,400*	*1,360*	*10,810*	*390*	*330*	*38,270*
Bush kitchen (outside)	11,240	6,690	1,230	8,930	310	210	28,620
Kitchen inside the house	1,970	840	80	450		10	3,360
Both inside & outside (bush) kitchen	1,760	1,490	40	640	50	30	4,000
Place to cook inside	730	290	10	400	30		1,460
No Place to cook	40	30		10			80
Not stated	70			40		80	200
Other	160	70		340			560
Urban	*270*	*5,920*	*2,760*	*2,720*	*700*	*80*	*12,470*
Bush kitchen (outside)	130	2,170	2,170	1,780	250	10	6,500
Kitchen inside the house	20	1,420	180	350	170	20	2,160
Both inside & outside (bush) kitchen	130	2,070	340	530	250	10	3,330
Place to cook inside		260	30	50	30		380
No Place to cook			30				30
Not stated						40	40
Other			10	20			20

Table 3-9 Type of lighting used and house type, region, 2010 HIES

Main lighting used	Traditional house	Permanent house	Mixed House	Makeshift house	Other (flat etc)	Total
Vanuatu	**16,260**	**15,330**	**13,530**	**4,120**	**1,500**	**50,740**
Electricity	2,710	10,050	5,570	2,070	1,010	21,410
Kerosene Lamp	7,990	3,100	4,900	860	170	17,020
Candle	520	380	670	590	110	2,270
Wood/Coconut shells	780	20	140	50	40	1,040
Coleman lamp	90	90	260	100	30	570
Gas	70	140	30	40		290
Other	4,070	1,530	1,920	410	70	8,000
Not stated	30	20	40		50	150
Rural	*15,980*	*9,400*	*10,810*	*1,360*	*630*	*38,270*
Electricity	2,540	4,620	3,610	320	330	11,440
Kerosene Lamp	7,930	3,010	4,580	560	140	16,250
Candle	490	190	360	50	20	1,130
Wood/Coconut shells	780	10	90	20	40	940
Coleman lamp	70	70	230	20	30	430
Gas	70	60	30	10		170
Other	4,060	1,420	1,850	380	30	7,760
Not stated	30	20	40		50	150
Urban	*270*	*5,920*	*2,720*	*2,760*	*360*	*12,470*
Electricity	170	5,430	1,950	1,750	290	9,960
Kerosene Lamp	60	90	310	300	10	770
Candle	30	190	300	540	40	1,140
Wood/Coconut shells		10	40	30	20	100
Coleman lamp	20	20	30	70		140
Gas		80		30		120
Other	10	110	70	30	20	240

Table 3-10 Main cooking fuel and average monthly household expenditure, region, 2010 HIES

Main cooking fuel	Expenditure	Region		
		Rural	Urban	Vanuatu
Wood/coconut shells	Total monthly expenditure	2,346,724,600	564,567,800	2,911,292,400
	Households	34,620	6,710	41,330
	Average h'hold expenditure	67,800	84,100	70,400
Gas	Total monthly expenditure	164,765,300	495,973,700	660,739,000
	H'holds	1,250	4,010	5,250
	Average h'hold expenditure	131,800	123,700	125,900
Electricity	Total monthly expenditure	11,567,400	59,803,700	71,371,100
	Households	130	450	580
	Average h'hold expenditure	89,000	132,900	123,100
Coal/Charcoal	Total monthly expenditure	34,654,800	106,411,600	141,066,400
	Households	340	1,150	1,490
	Average h'hold expenditure	101,900	92,500	94,700
Kerosene	Total monthly expenditure	97,648,400	0	97,648,400
	Households	1,220	0	1,220
	Average h'hold expenditure	80,000	0	80,000
Others	Total monthly expenditure	24,297,700	2,511,900	26,809,600
	Households	360	50	410
	Average h'hold expenditure	67,500	50,200	65,400
Not Stated	Total monthly expenditure	20,253,500	7,396,800	27,650,200
	Households	360	100	450
	Average h'hold expenditure	56,300	74,000	61,400
Total monthly expenditure		**2,699,911,600**	**1,236,665,500**	**3,936,577,100**
Households		**38,270**	**12,470**	**50,740**
Average h'hold expenditure		**70,500**	**99,200**	**77,600**

Table 3-11 Households which travel for drinking water, household member usually collecting water, province, 2010 HIES

Province	Household member usually collecting water				
	Female adult	Female child	Male adult	Male child	Total
Rural	*8,220*	*860*	*5,540*	*670*	*15,290*
Torba	370	40	250	30	690
Sanma	1,710	160	1,140	100	3,100
Penama	1,360	160	920	110	2,560
Malampa	1,660	240	1,330	210	3,440
Shefa	1,570	120	1,150	150	2,980
Tafea	1,550	150	750	70	2,520
Urban	*1,470*	*160*	*1,810*	*190*	*3,620*
Luganville	330	60	390	110	890
Port Vila	1,130	100	1,420	80	2,740
Vanuatu	**9,690**	**1,020**	**7,350**	**860**	**18,920**

Table 3-12 Household's shower or bath place and province, 2010 HIES

	Shower or bathing place				
Province	**Private**	**Shared/Community**	**River/sea/creek**	**None**	**Total**
Rural	*17,670*	*4,570*	*5,920*	*10,110*	*38,270*
Torba	660	140	200	780	1,790
Sanma	3,340	710	1,540	1,450	7,040
Penama	2,330	1,030	380	3,190	6,930
Malampa	5,160	640	910	1,960	8,680
Shefa	4,550	920	360	1,130	6,960
Tafea	1,630	1,130	2,510	1,610	6,880
Urban	*7,810*	*4,090*	*340*	*220*	*12,470*
Luganville	2,270	370	10	60	2,700
Port Vila	5,540	3,720	340	170	9,760
Vanuatu	**25,480**	**8,660**	**6,260**	**10,340**	**50,740**

Table 3-13 Main toilet facility, number of households, province, 2010 HIES

	Province										
Type of toilet	**Torba**	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Flush-Private	60	370	210	310	970	60	*1,980*	870	4,600	*5,470*	7,450
Flush-Shared		20	10	130	250		*420*	170	2,280	*2,450*	2,870
Water Sealed-Private	40	620	50	920	1,250	10	*2,890*	520	470	*1,000*	3,890
Water Sealed-Shared	10		20	70	340		*440*	190	570	*760*	1,210
VIP-Private	820	1,550	840	1,320	1,240	2,730	*8,490*	270	250	*530*	9,020
VIP-Shared	180	550	170	150	200	590	*1,830*	60	440	*500*	2,330
Pit Latrine-Private	660	2,990	4,460	5,010	2,330	2,500	*17,940*	480	490	*970*	18,920
Pit Latrine-Shared	20	830	1,030	540	320	900	*3,660*	130	660	*790*	4,450
None	0	100	140	220	40	100	*610*				610
Total	**1,790**	**7,040**	**6,930**	**8,680**	**6,960**	**6,880**	***38,270***	**2,700**	**9,760**	***12,470***	**50,740**

VIP = Ventilated Improved pit latrine

Table 3-14 Housing and household operation household monthly expenditure, sub-group, province, 2010 HIES

	Province										
Expenditure type	**Torba**	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Total Housing Group Expenditure	**3,666,900**	**21,094,800**	**19,844,000**	**19,463,500**	**46,932,500**	**17,092,800**	***128,094,500***	**19,107,100**	**116,650,600**	***135,757,700***	**263,852,200**
H'holds	1,790	7,040	6,930	8,660	6,920	6,860	*38,190*	2,680	9,710	*12,400*	50,590
Average per h'hold	2,100	3,000	2,900	2,200	6,800	2,500	*3,400*	7,100	12,000	*10,900*	5,200
Housing rents, insurance etc expenditure	**2,159,800**	**9,952,500**	**8,692,700**	**10,497,100**	**17,931,600**	**8,064,100**	***57,297,700***	**14,060,900**	**82,035,700**	***96,096,600***	**153,394,300**
H'holds	1,790	6,990	6,930	8,650	6,910	6,810	*38,070*	2,660	9,630	*12,290*	50,350
Average per h'hold	1,200	1,400	1,300	1,200	2,600	1,200	*1,500*	5,300	8,500	*7,800*	3,000
Home Improvements expenditure	**42,200**	**412,300**	**361,800**	**240,900**	**4,105,300**	**558,000**	***5,720,400***	**460,300**	**3,398,400**	***3,858,700***	**9,579,100**
H'holds	60	220	300	120	350	120	*1,160*	110	320	*430*	1,590
Average per h'hold	800	1,900	1,200	2,000	11,700	4,500	*4,900*	4,300	10,600	*9,000*	6,000
Household maintenance supplies expenditure	**1,299,300**	**7,529,900**	**8,279,000**	**6,705,200**	**17,555,600**	**6,552,700**	***47,921,800***	**3,724,000**	**24,988,000**	***28,711,900***	**76,633,700**
H'holds	1,100	3,010	3,300	4,640	3,230	3,100	*18,390*	1,130	3,720	*4,850*	23,240
Average per h'hold	1,200	2,500	2,500	1,400	5,400	2,100	*2,600*	3,300	6,700	*5,900*	3,300
Construction of new dwellings expenditure	**159,700**	**3,129,000**	**2,441,300**	**1,967,700**	**6,404,300**	**1,844,300**	***15,946,400***	**825,700**	**6,068,400**	***6,894,100***	**22,840,500**
H'holds	110	380	420	320	250	230	*1,710*	120	420	*540*	2,250
Average per h'hold	1,400	8,300	5,800	6,200	25,300	7,900	*9,300*	7,100	14,400	*12,800*	10,200
Hiring of equipment expenditure	**6,000**	**71,100**	**69,300**	**52,700**	**935,600**	**73,600**	***1,208,200***	**36,200**	**160,100**	***196,300***	**1,404,600**
H'holds	10	220	160	70	350	80	*890*	60	300	*370*	1,250
Average per h'hold	800	300	400	700	2,700	900	*1,400*	600	500	*500*	1,100
Total H'hold Operation Group Expenditure	**11,173,000**	**52,117,900**	**53,768,900**	**46,055,600**	**83,024,200**	**51,358,200**	***297,497,800***	**41,107,100**	**189,698,700**	***230,805,700***	**528,303,500**
H'holds	1,740	6,810	6,590	8,450	6,400	6,700	*36,700*	2,660	9,650	*12,300*	49,000
Average per h'hold	6,400	7,600	8,200	5,400	13,000	7,700	*8,100*	15,500	19,700	*18,800*	10,800
Household furniture expenditure	**185,500**	**1,581,100**	**799,100**	**1,504,400**	**2,788,500**	**837,200**	***7,695,800***	**685,300**	**5,841,800**	***6,527,100***	**14,222,800**
H'holds	280	1,970	1,190	1,940	2,140	970	*8,500*	840	3,580	*4,420*	12,910
Average per h'hold	700	800	700	800	1,300	900	*900*	800	1,600	*1,500*	1,100
Household furnishings expenditure	**149,700**	**992,800**	**829,000**	**1,187,100**	**1,980,600**	**821,800**	***5,961,100***	**540,300**	**4,783,700**	***5,324,000***	**11,285,100**
H'holds	670	2,850	2,870	3,970	2,840	2,390	*15,590*	1,500	5,150	*6,650*	22,240
Average per h'hold	200	300	300	300	700	300	*400*	400	900	*800*	500
Household appliances expenditure	**577,600**	**1,727,900**	**1,546,200**	**2,227,800**	**5,049,100**	**1,612,500**	***12,741,100***	**1,586,900**	**13,197,700**	***14,784,500***	**27,525,600**
H'holds	820	1,660	2,040	2,740	2,160	1,520	*10,920*	1,000	5,640	*6,640*	17,560
Average per h'hold	700	1,000	800	800	2,300	1,100	*1,200*	1,600	2,300	*2,200*	1,600

Continued

Expenditure type	Province										
	Torba	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Household equipment & utensils expenditure	**189,100**	**612,800**	**776,300**	**842,500**	**1,150,900**	**767,000**	***4,338,600***	**232,700**	**1,149,400**	***1,382,100***	**5,720,700**
H'holds	800	1,750	2,500	2,820	2,220	2,350	*12,430*	940	3,950	*4,890*	17,320
Average per h'hold	200	300	300	300	500	300	*300*	200	300	*300*	300
Household supplies expenditure	**1,506,900**	**5,480,300**	**6,128,900**	**6,488,200**	**6,502,600**	**4,891,200**	***30,998,200***	**3,609,600**	**11,912,500**	***15,522,100***	**46,520,300**
H'holds	1,300	5,500	5,150	6,740	4,280	4,850	*27,820*	2,130	6,500	*8,640*	36,460
Average per h'hold	1,200	1,000	1,200	1,000	1,500	1,000	*1,100*	1,700	1,800	*1,800*	1,300
Household services and communications expenditure	**3,987,800**	**16,280,700**	**26,217,400**	**10,883,100**	**22,988,000**	**20,174,500**	***100,531,400***	**9,357,000**	**41,892,900**	***51,249,900***	**151,781,400**
H'holds	1,070	4,250	5,380	5,130	4,190	3,670	*23,690*	2,280	7,080	*9,360*	33,050
Average per h'hold	3,700	3,800	4,900	2,100	5,500	5,500	*4,200*	4,100	5,900	*5,500*	4,600
Fuel & lighting expenditure	**4,571,100**	**25,247,600**	**17,131,000**	**22,876,200**	**42,208,600**	**22,243,900**	***134,278,400***	**25,056,500**	**110,585,600**	***135,642,100***	**269,920,500**
H'holds	1,390	5,980	5,280	6,790	5,640	6,210	*31,300*	2,520	9,340	*11,870*	43,160
Average per h'hold	3,300	4,200	3,200	3,400	7,500	3,600	*4,300*	9,900	11,800	*11,400*	6,300
Payments for repairs expenditure	**5,200**	**194,600**	**340,900**	**46,300**	**356,100**	**10,200**	***953,300***	**38,800**	**335,100**	***373,900***	**1,327,200**
H'holds	40	270	570	170	290	70	*1,420*	40	320	*360*	1,780
Average per h'hold	100	700	600	300	1,200	100	*700*	1,000	1,000	*1,000*	700

Note that the five digit item expenditure is included in Annex 2.

Chapter 4. Access to transport, market centres and communications

Concepts and definitions

This section provides detailed information on household's main means of transport; minutes to the nearest road, wharf and airstrip; items used by members to communicate with others; how they access information; and access to market centres. The 2010 HIES was the second time this information was collected to make reliable provincial estimates in relation to access to markets, transport, information and communication.

The transport and communications system in Vanuatu is complex, with limitations caused by the high cost of service delivery to island communities, the difficult topography of larger islands with rugged interior 'mountain' systems, river systems and waterways prone to flash flooding, three active volcanoes and so on.

The communications network has greatly expanded since deregulation in 2008. The introduction of the Digicel cellular telecommunications network in 2009 was under a licence agreement requirement that the Digicel network reach 85% of the population. In 2010 there were approximately 217,270 subscribers to the services of the two mobile phone companies, indicating how significant access to telecommunications using mobile cellular phones has become in both urban and rural areas.

Radio is also an important means of accessing information in both rural and urban centres, with a number of public and private radio stations transmitting on the FM band with wider coverage than in the past.

In 2010 the television network coverage was limited to urban centres (Port Vila and Luganville) and the surrounding areas where reception was available.

Household communication expenditure includes telephone and mobile telephone purchases, household communications, and telephone connection fees. Household communications expenditure includes; pre-pay cellular telephone credit, and other fees including payments for the use of the Internet.

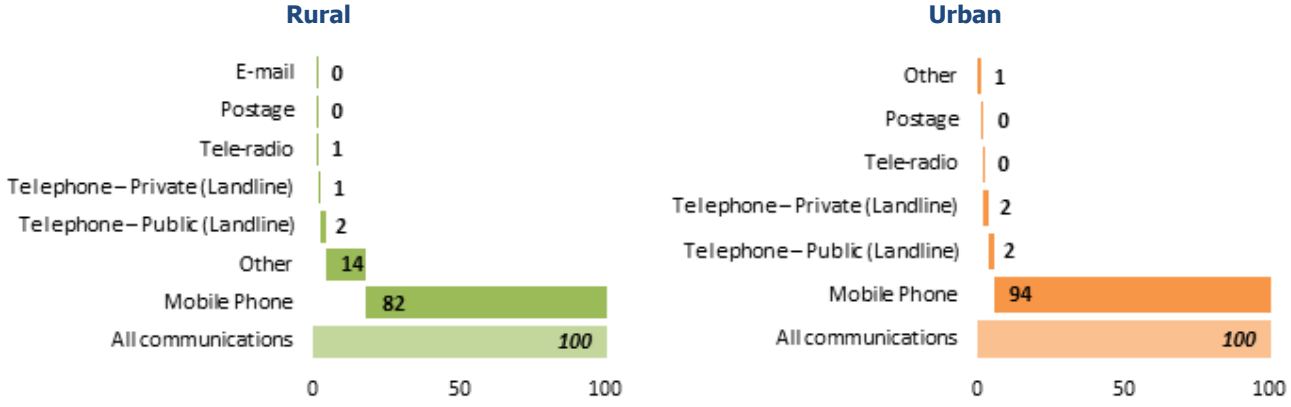
Expenditures included for transport include the purchase of new vehicles, including cars, vans, utility vehicles (pickup truck), motorcycles, trucks, buses (in Vanuatu this is a van), boats, bicycles, canoes and outboard motors; as well as vehicle repairs and maintenance costs; fares for taxis and buses and the rental or hire of motor vehicles. Where a household's main means of transport is by public boat, domestic sea fares have been included in the average expenditure calculation, noting that these are both 'regular' transport expenses for some households and ad hoc payments for others.

Results

Communications

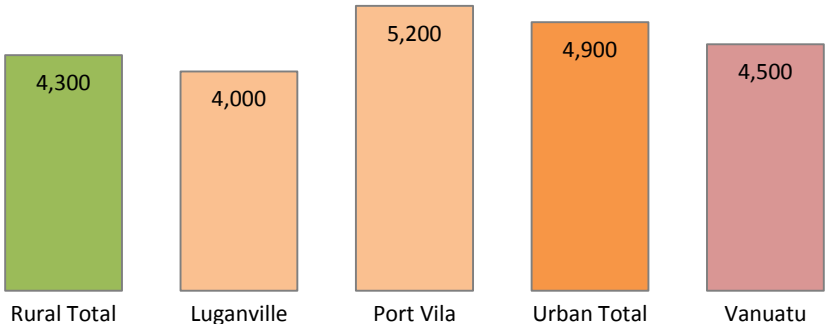
The 2010 HIES estimated 87% of households usually used a mobile phone for communication; compared with 2006 where 74% of households usually used a telephone, mostly public telephone, for communication. In urban areas 94% of households used a mobile phone as their usual means of communications, compared with 82% of rural households (Figure 4-1).

Figure 4-1 Household's usual means of communication, 2010 HIES



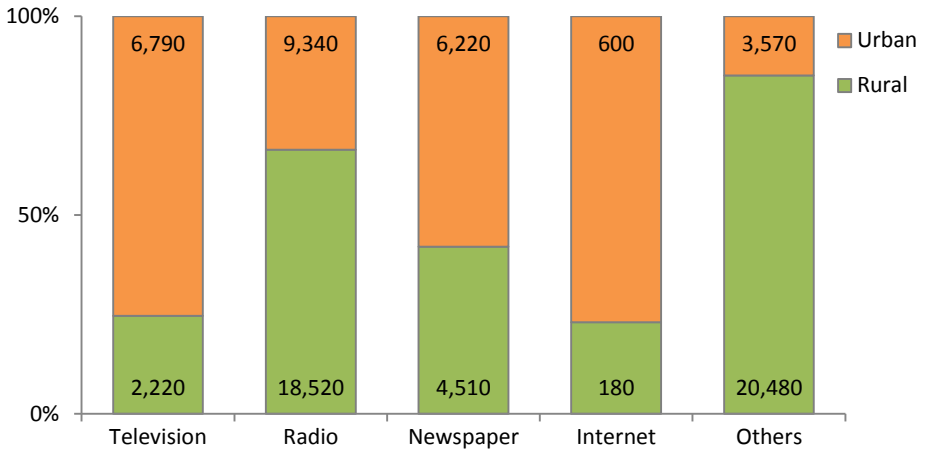
For those households reporting expenditure on communications, there was relatively little difference between rural and urban areas in average monthly spending for household communications, with urban expenditure slightly higher at VT 4,900 per month compared with rural expenditure at VT 4,300 per month (Figure 4-2). Almost all, 95%, of household expenditure on communications was for household communications which was mostly cellular and fixed telephone charges.

Figure 4-2 Average household monthly expenditure for household communications, 2010 HIES



Households were asked if they used television, radio, newspaper, internet and other items to access information. Radio was the most common reported means households used to access information, with 27,860 households reporting they used radio to access information (Figure 4-3). 'Other' sources of information include important sources of accessing information typically used in rural areas such as general 'word of mouth', community notice boards, meetings and discussions with leaders (clan, church, committees, NGOs and so on).

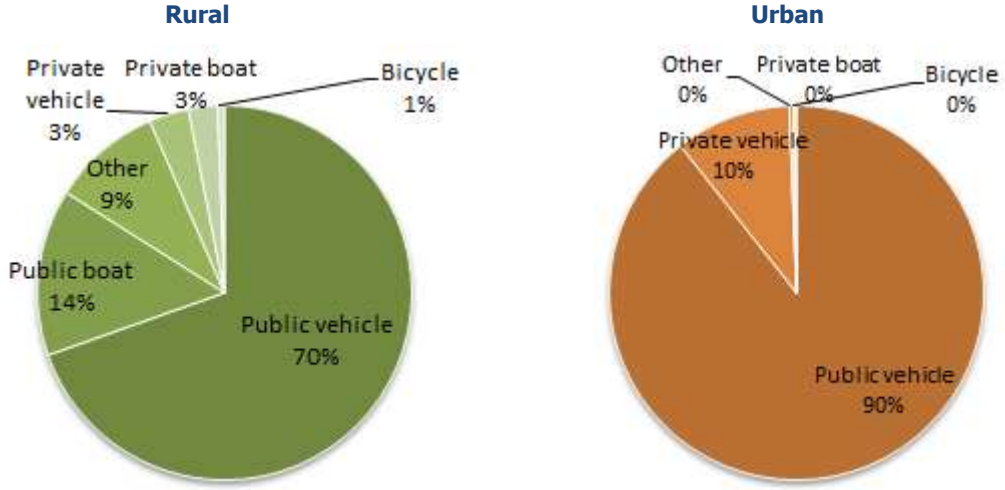
Figure 4-3 Items used by households to access information, urban and rural areas, 2010 HIES



Transport

One of the long term objectives of Government is to improve access to well-maintained roads, wharves and all-weather airstrips as a means to improve market access and promote business enterprise, economic growth and ultimately improve livelihoods in the key sectors of tourism, agriculture and associated supporting activities. Over three quarters of household heads in Vanuatu (85%) stated that the main means of transport used by members of the household was public transport compared to private transport which accounted only for 7%. Public transport is typically a mini-bus van, public transport utility vehicle, and boat or light truck, generally privately owned but in some areas owned by the community. A further 9% of households, mostly in rural areas, reported 'other' as their usual means of transport – this could be walking, horse, tractor or other kind of vehicle, motorbike and so on. Public vehicle usage was higher in urban areas (90%) than in rural areas (70%) (Figure 4-4).

Figure 4-4 Household's main means of transport, urban and rural areas, 2010 HIES



Households spent Vt 152 million Vatu a month on transport, almost one-third of which was for vehicle purchases (so called 'personal transport') and another one-third was for transport hire – bus, taxi and other public transport fares. Overall rural households spent an average of Vt 7,000 a month on transport, compared with Vt 8,600 in urban households and a national average expenditure of Vt 7,500 on transport (based on the 28,390 households which reported transport expenditure).

Just over two-thirds (68%) of households in Vanuatu had to walk for less than 10 minutes hour to the nearest main road. In rural areas 60% of households walked less than 10 minutes to the nearest road compared with 92% of urban households. One third of households in rural Sanma had to walk for more than half an hour to the nearest road, reflecting the large size of the island of Espiritu Santo and the remoteness of some inland villages.

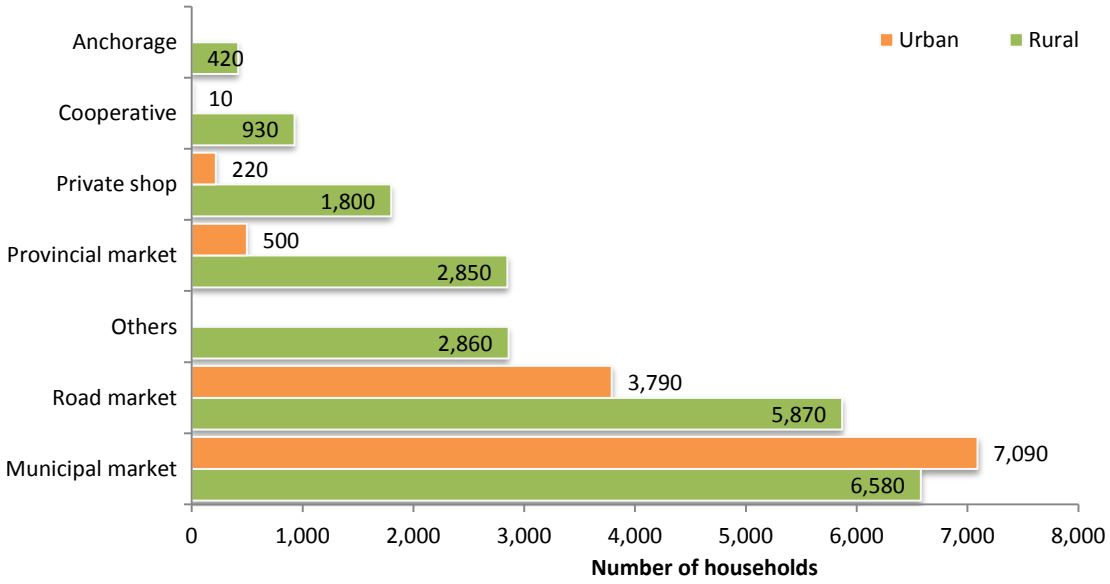
Maritime transport is the main means of inter-island travel and freight for most of the people living in Vanuatu's 65 inhabited islands, not all of which have a wharf or landing site, and naturally inland villages in the larger islands will have further to travel to the sea, let alone the nearest wharf. Torba province has the highest percent of households within less than one hour's walk to the nearest wharf due to high number if islands and islets in the province residing along the coastal fringe; as well as the relatively high number of landing sites.

The Public Works Department maintains a national network of 26 domestic airstrips, with three airports able to accommodate both domestic and international flights in Tafea, Luganville and Port Vila. The rugged terrain of many of the islands makes it impractical if not impossible for every island to have an airstrip; and while efforts were undoubtedly made to develop airstrips near the population, in many cases the terrain and availability of land dictated where an airstrip was developed. It is not surprising then that most households reported that they use a vehicle to get to their nearest airstrip. However in Torba a significant proportion walked to nearest airstrip in less than one hour (16), and this probably reflects the location of airstrips in Torba close to main centres.

Access to market centres

HIES respondents were asked to state which of seven different outlets for purchasing and selling food and goods they used the most often and how long it took to travel there. At the national level 62% of households reported access to one of these outlets; 93% of households in urban areas and 56% of households in rural areas reported access. In rural areas 31% of household heads stated that they visited the municipal market most often; and 28% the road market. In urban areas 42% of households visited the municipal market (Figure 4-5).

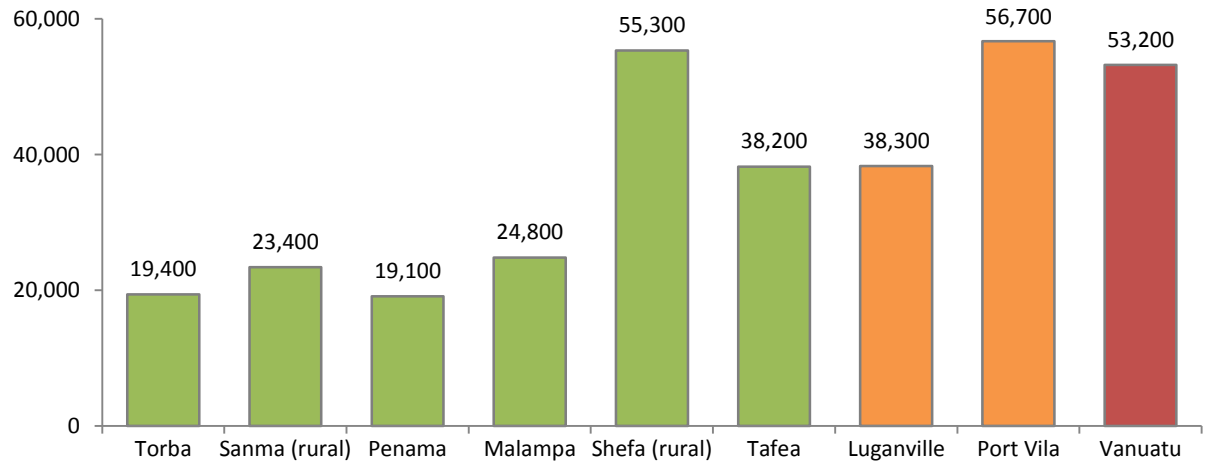
Figure 4-5 Nearest market or commercial centre where household buys and sells goods most often, 2010 HIES



Internal (domestic) and overseas travel

It was estimated that households spent 53 million Vatu a month on domestic and international travel; or 641 million Vatu a year. There were 34% of households reporting some kind of travel expenditure in the last 12 months in the 2010 HIES. Just over two-thirds or 67% of this expenditure was on internal or domestic travel and one third on international travel. In the rural areas households in Tafea were the most likely to have travel expenditure, with 19% of households reporting travel expenditure compared with 18% of households in Port Vila. The highest annual average expenditure on travel was in Shefa, in Port Vila and the rural part of the province because of the high expenditure on international travel in Shefa (Figure 4-6).

Figure 4-6 Average annual household expenditure on travel, province, 2010 HIES



In 2010 Vanuatu was serviced by three international airports in Port Vila (Bauerfield) and Luganville (Pekoa), and Tanna (White Grass) which also operate as part of the domestic network. There were two international shipping ports in Port Vila and Luganville. This means that most rural households which had international travel expenditure would also have had domestic or internal transport expenditure to travel to the international ports.

Rural households accounted for 68% of spending on internal travel and 54% on international travel expenditure. Within rural areas, 72% of travel expenditure was for internal travel while 58% of urban household's travel expenditure was for internal travel.

Statistical tables

Note that averages are based on dividing total expenditure by the number of households that reported the type of expenditure.

Table 4-1 Household's usual means of communication and province, 2010 HIES

Usual means of communications	Province										
	Torba	Sanma	Penama	Malampa	Shefa	Tafea	*Rural*	Luganville	Port Vila	*Urban*	Vanuatu
Mobile Phone	1,330	5,580	5,670	7,680	6,240	4,890	*31,390*	2,550	9,220	*11,770*	43,160
Other	300	1,160	1,090	780	370	1,620	*5,320*	60	100	*160*	5,470
Telephone – Public	40	70	60	130	150	190	*640*	60	190	*240*	880
Telephone – Private	40	50	70	60	50	40	*300*	30	170	*200*	500
Tele-radio	60	50				90	*200*	10	50	*60*	260
Postage		40	10		30	10	*80*		30	*30*	120
E-mail	10						*10*				10
Not stated	20	90	30	20	130	40	*330*				330
Total	**1,790**	**7,040**	**6,930**	**8,680**	**6,960**	**6,880**	***38,270***	**2,700**	**9,760**	***12,470***	**50,740**

Table 4-2 Items household has to access information by province, 2010 HIES

Province	Means of accessing information				
	Radio	Others	Newspaper	Television	Internet
Torba	640	910	550		
Sanma	4,570	2,180	240	80	20
Penama	2,770	5,140	660	10	10
Malampa	3,420	5,000	590		10
Shefa	4,350	3,840	1,760	2,130	130
Tafea	2,780	3,400	700		
Rural	*18,520*	*20,480*	*4,510*	*2,220*	*180*
Luganville	2,280	90	550	320	20
Port Vila	7,060	3,480	5,680	6,470	570
Urban	*9,340*	*3,570*	*6,220*	*6,790*	*600*
Vanuatu	**27,860**	**24,050**	**10,740**	**9,010**	**780**

Table 4-3 Main source of transport used by household and province, 2010 HIES

Province	Main source of transport						
	Public (car / bus / vehicle)	Public boat	Private (car / bus / vehicle)	Private boat	Bicycle	Other	Total
Torba	320	450	110	50	110	760	1,790
Sanma	5,080	890	160	400	20	480	7,040
Penama	4,250	1,070	160	90	10	1,360	6,930
Malampa	6,390	1,260	70	210	60	680	8,680
Shefa	5,030	730	750	110	20	320	6,960
Tafea	5,470	1,090	70	90	0	150	6,880
Rural	*26,550*	*5,490*	*1,320*	*950*	*230*	*3,740*	*38,270*
Luganville	2,460	0	220	0	20	10	2,700
Port Vila	8,680	0	1,030	20	0	30	9,760
Urban	*11,140*	*0*	*1,250*	*20*	*20*	*40*	*12,470*
Vanuatu	**37,690**	**5,490**	**2,560**	**970**	**250**	**3,780**	**50,740**

Table 4-4 Transport sub-group, region, expenditure summary, 2010 HIES

Total Monthly Expenditure	Rural	Urban	Vanuatu
Personal transport	**19,753,400**	**28,267,700**	**48,021,100**
H'holds with expenditure	2,960	1,510	4,470
Average per h'hold	6,700	18,800	10,700
Population in h'holds	16,610	8,680	25,280
% h'holds with expenditure	7.7	12.1	8.8
Transport hire	**21,178,500**	**27,293,100**	**48,471,600**
H'holds with expenditure	7,300	5,510	12,820
Average per h'hold	2,900	5,000	3,800
Population in h'holds	38,870	29,370	68,240
% h'holds with expenditure	19.1	44.2	25.3
Transport service & repairs	**6,665,200**	**10,138,200**	**16,803,400**
H'holds with expenditure	1,450	2,050	3,510
Average per h'hold	4,600	4,900	4,800
Population in h'holds	8,360	11,780	20,140
% h'holds with expenditure	3.8	16.5	6.9
Registration & insurance	**5,553,800**	**4,245,100**	**9,798,900**
H'holds with expenditure	570	580	1,150
Average per h'hold	9,700	7,300	8,500
Population in h'holds	3,550	3,690	7,250
% h'holds with expenditure	1.5	4.6	2.3
Operation of personal transport	**18,311,200**	**7,567,100**	**25,878,200**
H'holds with expenditure	3,810	1,130	4,940
Average per h'hold	4,800	6,700	5,200
Population in h'holds	20,910	6,550	27,460
% h'holds with expenditure	9.9	9.1	9.7
Vehicle parts & accessories	**1,309,600**	**1,867,400**	**3,177,000**
H'holds with expenditure	500	930	1,440
Average per h'hold	2,600	2,000	2,200
Population in h'holds	3,050	5,860	8,910
% h'holds with expenditure	1.3	7.5	2.8
Total transport expenditure	**72,771,600**	**79,378,600**	**152,150,200**
H'holds with expenditure	12,350	7,210	19,570
Average per h'hold	5,900	11,000	7,800
Population in h'holds	65,430	38,960	104,400
% h'holds with expenditure	**19,753,400**	**28,267,700**	**48,021,100**

Table 4-5 Minutes to nearest road by mode of transport, number of households, 2010 HIES

Minutes to nearest road	Province									
	Torba	Sanma	Penama	Malampa	Shefa	Tafea	*Rural*	Luganville	Port Vila	Vanuatu
Walk	*1,790*	*5,430*	*6,720*	*6,750*	*5,910*	*6,460*	*33,050*	*2,630*	*8,920*	*44,610*
< 10 mins	1,430	3,410	4,280	5,310	4,320	2,950	21,680	2,330	8,280	32,290
10 - < 20 mins	50	580	800	770	680	1,360	4,240	280	560	5,080
20 -29 mins	0	130	110	170	180	480	1,080	10	50	1,140
30 - 59	30	530	400	330	560	1,080	2,920	20		2,950
1 - < 2 hrs	30	270	380	90	80	420	1,270		30	1,310
2 - < 3 hrs	90	200	360		90	90	830			830
3 - < 4 hrs	20	70	170	20		70	350			350
4 - < 5 hrs	60	10	140	30			250			250
5 hrs or more	60	230	80	30	10	10	420			420
Vehicle	*0*	*540*	*100*	*510*	*600*	*240*	*1,990*	*70*	*840*	*2,900*
< 10 mins	0	280	90	70	480	130	1,050	50	760	1,860
10 - < 20 mins		160		100	110	50	420	20	50	490
20 -29 mins		10		40		10	60		20	80
30 - 59		50	10	280		40	380		20	400
1 - < 2 hrs		10		10		10	40			40
2 - < 3 hrs		20					20			20
5 hrs or more		10					10			10
Canoe/boat		*1,000*	*90*	*1,360*	*420*	*160*	*3,030*			*3,030*
< 10 mins			30	150	50	10	240			240
10 - < 20 mins		110		110	130		350			350
20 -29 mins				20	150		170			170
30 - 59		10	10	170			200			200
1 - < 2 hrs		50	30	250	10	130	460			460
2 - < 3 hrs		50	10	340	80	20	510			510
3 - < 4 hrs		120		160			280			280
4 - < 5 hrs		170		110			280			280
5 hrs or more		490		50			530			530
Other		*60*	*20*	*60*	*30*	*30*	*200*			*200*
<10 mins		10	20			10	40			40
10 - < 20 mins		20					20			20
20 -29 mins					20		20			20
1 - < 2 hrs				60		20	80			80
2 - < 3 hrs					10		10			10
5 hrs or more		20					20			20
Total	**1,790**	**7,040**	**6,930**	**8,680**	**6,960**	**6,880**	**38,270**	**2,700**	**9,760**	**50,740**

Table 4-6 Minutes to nearest road by mode of transport, number of people, 2010 HIES

Minutes to nearest road	*Rural*	Urban	Vanuatu
Walk	*158,410*	*59,790*	*218,200*
< 10 mins	104,310	54,710	159,020
10 - < 20 mins	20,800	4,500	25,300
20 -29 mins	4,880	310	5,190
30 - 59	13,730	110	13,840
1 - < 2 hrs	5,820	170	5,990
2 - < 3 hrs	3,750		3,750
3 - < 4 hrs	1,690		1,690
4 - < 5 hrs	1,200		1,200
5 hrs or more	2,220		2,220
Vehicle	*10,110*	*4,770*	*14,880*
< 10 mins	5,750	4,220	9,970
10 - < 20 mins	2,020	360	2,380
20 -29 mins	310	120	430
30 - 59	1,840	70	1,910
1 - < 2 hrs	100		100
2 - < 3 hrs	80		80
5 hrs or more	10		10
Canoe/boat	*15,620*		*15,620*
< 10 mins	1,250		1,250
10 - < 20 mins	1,960		1,960
20 -29 mins	850		850
30 - 59	990		990
1 - < 2 hrs	2,520		2,520
2 - < 3 hrs	2,470		2,470
3 - < 4 hrs	1,450		1,450
4 - < 5 hrs	1,270		1,270
5 hrs or more	2,860		2,860
Other	*1,150*		*1,150*
<10 mins	250		250
10 - < 20 mins	120		120
20 -29 mins	160		160
1 - < 2 hrs	330		330
2 - < 3 hrs	120		120
5 hrs or more	160		160
Total	**185,290**	**64,560**	**249,850**

Table 4-7 Minutes to nearest wharf by mode of transport, number of households, 2010 HIES

Minutes to nearest wharf	Province										
	Torba	Sanma	Penama	Malampa	Shefa	Tafea	*Rural*	Luganville	Port Vila	*Urban*	Vanuatu
Walk	*1,770*	*1,500*	*5,840*	*6,120*	*1,710*	*1,710*	*18,650*	*940*	*740*	*1,680*	*20,340*
< 10 mins	960	620	1,420	2,670	840	390	6,900	250	270	520	7,420
10 - < 20 mins	410	280	1,110	1,010	350	280	3,430	460	270	730	4,160
20 - 29 mins	100	50	360	370	140	310	1,330	100	150	250	1,580
30 - 59 min	200	100	1,220	800	190	260	2,760	130	30	160	2,930
1 - < 2hrs	80	180	750	850	130	270	2,250	10	20	30	2,270
2 - < 3 hrs	20	270	920	420	70	190	1,890				1,890
3 - < 4 hrs						10	10				10
4 - > 5 hrs			60				60				60
5 hrs or more	0	10					20				20
Vehicle	*20*	*4,890*	*1,030*	*1,790*	*4,630*	*4,730*	*17,090*	*1,740*	*8,970*	*10,710*	*27,800*
< 10 mins	10	30	190	70	210	170	690	710	1,170	1,870	2,560
10 - < 20 mins	0	310	230	170	710	140	1,560	670	4,870	5,530	7,090
20 - 29 mins		60	90	490	350	210	1,200	280	1,000	1,280	2,470
30 - 59 min		950	190	830	1,970	1,000	4,940	90	1,860	1,950	6,880
1 - < 2hrs		1,480	240	110	820	1,790	4,440		80	80	4,520
2 - < 3 hrs		1,940	100	130	560	1,420	4,150				4,150
4 - > 5 hrs		80					80				80
5 hrs or more		50					50				50
Canoe/boat		*350*	*30*	*740*	*610*	*350*	*2,080*				*2,080*
< 10 mins		10		110	70	30	220				220
10 - < 20 mins				100	110	30	240				240
20 - 29 mins				60	50	0	100				100
30 - 59 min			10	90	70	20	180				180
1 - < 2hrs		10	10	80	220	190	510				510
2 - < 3 hrs				290	100	80	480				480
5 hrs or more		330		20			350				350
Others		*300*	*40*	*30*		*90*	*450*	*20*	*50*	*70*	*520*
< 10 mins			10	10			30		20	20	40
10 - < 20 mins		20					20	10	30	40	70
20 - 29 mins		10		10			30	10		10	30
30 - 59 min			10			10	20				20
1 - < 2hrs		140	10			60	210				210
2 - < 3 hrs		130				20	150				150
Total	**1,790**	**7,040**	**6,930**	**8,680**	**6,960**	**6,880**	**38,270**	**2,700**	**9,760**	**12,470**	**50,740**

Table 4-8 Minutes to nearest airstrip by mode of transport, number of households, 2010 HIES

	Province								
Minutes to nearest airstrip	**Torba**	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	***Rural***	***Urban***	**Vanuatu**
Walk	*1,650*	*660*	*2,540*	*1,650*	*1,210*	*720*	*8,430*	*640*	*9,070*
< 10 mins	20	50	260	280		190	*790*	*120*	910
10 - < 20 mins	40	210	190	320		10	*770*	*340*	1,110
20 - 29 mins	30	50	100	130	80	10	*400*	*70*	470
30 - 59 mins	190	70	210	130	170	90	*860*	*60*	920
1 - < 2 hrs	350	30	540	120	410	80	*1,530*	*40*	1,580
2 - < 3 hrs	450	70	430	470	260	50	*1,730*		1,730
3 - < 4 hrs	230	150	170	50	80	40	*730*		730
4 - < 5 hrs	130	30	110	50		50	*370*		370
5 hrs or more	210		530	100	210	200	*1,250*		1,250
Vehicle	*100*	*5,520*	*3,480*	*4,910*	*5,400*	*5,450*	*24,870*	*11,830*	*36,700*
< 10 mins	50	70	60	200	150	70	*610*	*1,970*	2,580
10 < 20 mins	50	200	320	310	960	240	*2,070*	*5,600*	7,670
20 - 29 mins		120	150	100	300	250	*920*	*2,370*	3,290
30 - 59 mins	0	720	720	1,060	1,450	1,620	*5,580*	*1,730*	7,320
1 - < 2 hrs		1,930	460	1,970	1,400	1,860	*7,610*	*160*	7,780
2 - < 3 hrs		1,140	930	660	560	720	*4,010*		4,010
3 - < 4 hrs		690	710	420	410	320	*2,550*		2,550
4 - < 5 hrs		400	90	180	180	340	*1,190*		1,190
5 hrs or more		240	40	20		20	*320*		320
Canoe/boat	*40*	*240*	*730*	*1,960*	*340*	*600*	*3,900*		*3,900*
< 10 mins			10			10	*20*		20
10 < 20 mins		10		130		60	*200*		200
20 - 29 mins					10	10	*20*		20
30 - 59 mins	0	90	80	120		20	*310*		310
1 - < 2 hrs	20	10	150	270	170	290	*920*		920
2 - < 3 hrs	10		270	340	60	170	*840*		840
3 - < 4 hrs			210	620	90	40	*960*		960
4 - < 5 hrs		30	10	490			*520*		520
5 hrs or more		100					*100*		100
Others		*620*	*180*	*160*		*110*	*1,070*		*1,070*
10 < 20 mins		40	110	10		10	*170*		170
20 - 29 mins		10					*10*		10
30 - 59 mins		100	10			20	*130*		130
1 - < 2 hrs		110		110		70	*300*		300
2 - < 3 hrs		330					*330*		330
3 - < 4 hrs			40	20			*60*		60
4 - < 5 hrs		20	10	20			*50*		50
5 hrs or more		10				10	*20*		20
Total	**1,790**	**7,040**	**6,930**	**8,680**	**6,960**	**6,880**	***38,270***	***12,470***	**50,740**

Table 4-9 Minutes to nearest airstrip by mode of transport, number of people, province, 2010 HIES

Minutes to nearest airstrip	Province								
	Torba	Sanma	Penama	Malampa	Shefa	Tafea	*Rural*	*Urban*	Vanuatu
Walk	*8,810*	*3,710*	*11,920*	*7,400*	*6,160*	*4,090*	*42,090*	*3,460*	*45,550*
< 10 mins	100	330	1,060	1,320		1,170	*3,980*	*620*	4,600
10 < 20 mins	240	1,150	870	1,480		60	*3,800*	*1,850*	5,660
20 - 29 mins	190	260	400	640	470	50	*2,010*	*390*	2,390
30 - 59 mins	990	370	890	730	1,020	450	*4,450*	*270*	4,720
1 - < 2 hrs	2,040	70	2,780	610	1,890	370	*7,750*	*320*	8,080
2 - < 3 hrs	2,320	500	2,020	1,910	1,370	340	*8,470*		8,470
3 - < 4 hrs	1,230	870	760	280	430	120	*3,690*		3,690
4 - < 5 hrs	710	160	540	90		460	*1,950*		1,950
5 hrs or more	990		2,590	340	980	1,090	*6,000*		6,000
Vehicle	*650*	*26,820*	*15,040*	*21,550*	*29,430*	*25,850*	*119,350*	*61,100*	*180,450*
< 10 mins	290	460	240	1,030	910	230	*3,160*	*10,090*	13,250
10 < 20 mins	340	910	1,320	1,180	6,260	1,000	*11,020*	*28,750*	39,770
20 - 29 mins		640	650	490	1,680	890	*4,350*	*12,530*	16,890
30 - 59 mins	10	3,170	3,120	4,140	8,090	8,140	*26,660*	*8,670*	35,330
1 - < 2 hrs		8,930	2,150	8,930	7,790	9,280	*37,070*	*1,060*	38,130
2 - < 3 hrs		5,940	3,870	2,930	2,790	3,110	*18,630*		18,630
3 - < 4 hrs		3,520	3,130	1,770	1,050	1,610	*11,080*		11,080
4 - < 5 hrs		1,990	430	1,010	870	1,510	*5,800*		5,800
5 hrs or more		1,270	130	70		100	*1,560*		1,560
Canoe/boat	*260*	*1,490*	*3,150*	*8,050*	*1,700*	*3,950*	*18,600*		*18,600*
< 10 mins			90			10	*100*		100
10 < 20 mins		130		510		250	*890*		890
20 - 29 mins					150	40	*190*		190
30 - 59 mins	30	550	270	580		110	*1,540*		1,540
1 - < 2 hrs	150	60	550	1,200	740	1,900	*4,600*		4,600
2 - < 3 hrs	90	0	1,180	1,360	340	1,210	*4,170*		4,170
3 - < 4 hrs		0	970	2,370	470	440	*4,250*		4,250
4 - < 5 hrs		130	90	2,030			*2,250*		2,250
5 hrs or more		620					*620*		620
Others		*3,210*	*980*	*590*		*460*	*5,250*		*5,250*
10 < 20 mins		220	630	10		10	*870*		870
20 - 29 mins		30					*30*		30
30 - 59 mins		570	50			40	*660*		660
1 - < 2 hrs		560		490		350	*1,400*		1,400
2 - < 3 hrs		1,560					*1,560*		1,560
3 - < 4 hrs			270	30			*310*		310
4 - < 5 hrs		190	30	50			*280*		280
5 hrs or more		80				60	*140*		140
Total	**9,710**	**35,240**	**31,100**	**37,600**	**37,280**	**34,360**	***185,290***	***64,560***	**249,850**

Table 4-10 Minutes from home to nearest market or commercial centre buy/sell goods most often, households with access to a market centre, region, 2010 HIES

Minutes from home to nearest market or centre	Type of market							
	Provincial market	Municipal market	Road market	Private store	Cooperative	Anchorage or Port	Other	Total
Rural	***2,850***	***6,580***	***5,870***	***1,800***	***930***	***420***	***2,860***	***21,320***
Walk	1,040	390	5,130	1,400	880	410	2,470	11,710
< 10 mins	350	40	2,680	900	420	130	1,320	5,850
10 - < 20 mins	320	90	1,210	290	270	120	370	2,680
20 - 29 mins	50	30	390	60	30	0	130	690
30 - 59 mins	110	60	640	110	90	70	190	1,270
1 - < 2 hrs	150	140	120	30	50	30	320	850
2 - < 3 hrs	20	10	40	10	10	40	70	210
3 - < 4 hrs	20	10	40	10	0	10	70	160
Vehicle(incl. Bus, Taxi)	1,650	5,840	590	340	30	10	300	8,760
< 10 mins	130	200	50	130	30		30	570
10 - < 20 mins	250	480	130	70			80	1,010
20 - 29 mins	140	500	30	70			80	810
30 - 59 mins	360	1,810	110	70			110	2,460
1 - < 2 hrs	320	1,740	60			10		2,130
2 - < 3 hrs	180	810	210	0				1,200
3 - < 4 hrs	70	200	10					280
4 - 5 hrs	190	120						310
Canoe/boat	170	240	150	50	10		70	690
< 10 mins		70	40				10	120
10 - < 20 mins	10	110	100	20			50	290
20 - 29 mins	10							10
30 - 59 mins	40		10	0				60
1 - < 2 hrs	100	40			10			150
2 - < 3 hrs		10		30			0	50
4 - 5 hrs		10						10
Others		110	10	10	10		10	150
< 10 mins			10					10
10 - < 20 mins							10	10
20 - 29 mins					10			10
30 - 59 mins		20						20
1 - < 2 hrs		30		0				40
2 - < 3 hrs		40		0				50
4 - 5 hrs		10						10
Urban	***500***	***7,090***	***3,790***	***220***	***10***			***11,610***
Vanuatu	**3,350**	**13,670**	**9,660**	**2,030**	**930**	**420**	**2,860**	**32,920**

Table 4-11 Type of market and frequency of visits, number of households with access to a market centre, region, 2010 HIES

	Number of visits a week								
Type of Market	**One**	**Two**	**Three**	**Four**	**Five**	**Six**	**Seven**	**Not stated**	**Total**
Vanuatu	**16,430**	**8,560**	**3,920**	**1,320**	**760**	**500**	**950**	**480**	**32,920**
Provincial Market	2,070	620	230	40	90	30	30	230	3,350
Municipal Market	6,520	4,030	1,810	540	260	150	220	150	13,670
Road Market	4,590	2,820	1,300	380	250	170	120	20	9,660
Private Shop	570	470	390	140	100	40	300	10	2,030
Cooperative	290	230	70	80	30	90	130		930
Anchorage/Port	190	190	30				10		420
Other	2,200	190	90	140	30	20	130	70	2,860
Rural	*12,560*	*4,850*	*1,630*	*480*	*350*	*320*	*680*	*460*	*21,320*
Provincial Market	1,950	440	120	30	50	10	20	230	2,850
Municipal Market	3,870	2,010	440	40	30	30	50	130	6,580
Road Market	3,580	1,380	510	90	100	130	50	20	5,870
Private Shop	490	400	370	110	100	30	290	10	1,800
Cooperative	290	230	70	80	30	90	130		930
Anchorage/Port	190	190	30	0	0	0	10		420
Other	2,200	190	90	140	30	20	130	70	2,860
Urban	*3,870*	*3,710*	*2,290*	*850*	*400*	*180*	*270*	*20*	*11,610*
Provincial Market	120	180	110	20	30	20	20		500
Municipal Market	2,650	2,020	1,370	510	230	120	170	20	7,090
Road Market	1,010	1,450	790	300	140	30	70		3,790
Private Shop	80	70	20	30		10	10		220
Cooperative						10			10

Table 4-12 Household monthly expenditure on internal and overseas travel, province, 2010 HIES

	Internal Travel		Overseas Travel		Total	
Province	**Expenditure**	**Households**	**Expenditure**	**Households**	**Expenditure**	**Households**
Rural	*24,228,100*	*12,280*	*9,510,700*	*1,090*	*33,745,000*	*12,830*
Torba	667,100	410	8,000	20	675,400	420
Sanma	3,587,400	1,890	281,800	160	3,869,600	1,990
Penama	4,056,400	2,570	83,000	110	4,139,400	2,600
Malampa	5,458,700	3,050	1,076,600	210	6,535,400	3,160
Shefa	4,503,900	2,310	7,311,600	490	11,815,500	2,560
Tafea	5,954,600	2,050	749,700	100	6,709,800	2,110
Urban	*11,389,600*	*3,970*	*8,262,400*	*800*	*19,660,700*	*4,430*
Luganville	1,963,300	790	704,700	90	2,669,700	840
Port Vila	9,426,300	3,180	7,557,700	710	16,991,000	3,600
Vanuatu	**35,617,700**	**16,250**	**17,773,100**	**1,900**	**53,405,700**	**17,270**

Table 4-13 Household monthly expenditure on internal and overseas travel, region, 2010 HIES

Type of Travel Expenditure	Rural	Urban	Vanuatu
Airfare (Domestic)	7,915,300	6,032,700	13,947,900
H'holds with expenditure	3,900	2,140	6,040
People residing in these H'hold	21,110	12,450	33,560
% H'hold with expenditure	10.2	17.1	11.9
Average per H'hold with expenditure	2,000	2,800	2,300
Seafare (Domestic)	7,210,200	2,423,100	9,633,300
H'holds with expenditure	8,190	2,080	10,280
People residing in these H'hold	40,540	11,720	52,260
% H'hold with expenditure	21.4	16.7	20.3
Average per H'hold with expenditure	900	1,200	900
Accommodation (Domestic)	3,017,400	961,500	3,979,000
H'holds with expenditure	2,260	680	2,940
People residing in these H'hold	12,850	3,780	16,620
% H'hold with expenditure	6	5.5	5.8
Average per H'hold with expenditure	1,300	1,400	1,400
Other expenses incurred for domestic travel	1,216,200	669,800	1,886,000
H'holds with expenditure	1,010	550	1,560
People residing in these H'hold	4,910	3,390	8,300
% H'hold with expenditure	2.6	4.4	3.1
Average per H'hold with expenditure	1,200	1,200	1,200
Departure tax (Domestic)	185,700	90,800	276,600
H'holds with expenditure	3,270	1,750	5,020
People residing in these H'hold	17,670	10,230	27,900
% H'hold with expenditure	8.5	14.0	9.9
Average per H'hold with expenditure	100	100	100
Land transport (Domestic)	4,683,200	1,211,700	5,894,900
H'holds with expenditure	7,640	3,250	10,900
People residing in these H'hold	39,860	17,870	57,730
% H'hold with expenditure	20.0	26.1	21.5
Average per H'hold with expenditure	600	400	500
Airfare (International)	4,119,600	5,064,200	9,183,800
H'holds with expenditure	580	660	1,240
People residing in these H'hold	3,590	3,850	7,440
% H'hold with expenditure	1.5	24.4	12.7
Average per H'hold with expenditure	7,100	7,700	7,400
Seafare (International)	306,900	104,800	411,700
H'holds with expenditure	270	60	330
People residing in these H'hold	1,660	490	2,150
% H'hold with expenditure	0.7	0.5	0.6
Average per H'hold with expenditure	1,200	1,700	1,300
Accommodation (International)	2,195,100	1,669,500	3,864,600
H'holds with expenditure	220	370	590
People residing in these H'hold	1,370	2,120	3,490
% H'hold with expenditure	0.6	3.0	1.2
Average per H'hold with expenditure	10,100	4,500	6,600
Other expenses incurred while Overseas	570,900	99,000	669,900
H'holds with expenditure	120	70	200
People residing in these H'hold	630	470	1,100
% H'hold with expenditure	0.3	0.6	0.4
Average per H'hold with expenditure	4,600	1,400	3,400

Continued

Type of Travel Expenditure	Rural	Urban	Vanuatu
Departure tax (international)	72,300	37,600	109,900
H'holds with expenditure	530	300	830
People residing in these H'hold	3,170	1,560	4,730
% H'hold with expenditure	1.4	2.4	1.6
Average per H'hold with expenditure	100	100	100
Passport	34,100	7,000	41,100
H'holds with expenditure	50	20	60
People residing in these H'hold	260	170	420
% H'hold with expenditure	0.1	0.1	0.1
Average per H'hold with expenditure	700	400	700
Clothing for international	886,900	598,200	1,485,100
H'holds with expenditure	550	310	860
People residing in these H'hold	3,380	1,730	5,110
% H'hold with expenditure	1.4	2.5	1.7
Average per H'hold with expenditure	1,600	1,900	1,700
Land transport fare (International)	499,200	316,700	815,900
H'holds with expenditure	510	520	1,030
People residing in these H'hold	3,160	2,980	6,140
% H'hold with expenditure	1.3	4.2	2.0
Average per H'hold with expenditure	1,000	600	800
Household goods for international travel	825,600	365,400	1,190,900
H'holds with expenditure	390	190	580
People residing in these H'hold	2,490	1,090	3,590
% H'hold with expenditure	1.0	1.5	1.2
Average per H'hold with expenditure	2,100	1,900	2,000
Suitcase/travel accessories	5,800	8,700	14,500
H'holds with expenditure	50	20	70
People residing in these H'hold	350	120	470
% H'hold with expenditure	0.1	0.2	0.1
Average per H'hold with expenditure	100	400	200
Travel insurance	400		400
H'holds with expenditure	20		20
People residing in these H'hold	170		170
% H'hold with expenditure	0.1		0.0
Average per H'hold with expenditure	0		0
Total travel expenditure	33,745,000	19,660,700	53,405,700
H'holds with expenditure	12,830	4,430	17,270
People residing in these H'hold	65,490	24,710	90,200
% H'hold with expenditure	33.5	35.6	34.0
Average per H'hold with expenditure	2,600	4,400	3,100

Table 4-14 Province, average household monthly income and frequency of market visits, 2010 HIES

Province	Households and income	Number of market visits per week								Total
		No access	One	Two	Three	Four	Five	Six	Seven	
Torba	Average h'hold income	64,800	68,100	67,300	66,000		81,700		96,300	65,800
	Average h'hold ag sales income	36,100	17,200	19,400	22,000		27,000		64,400	32,200
	% h'holds with ag income	84.9	83.6	78.8	76.0		100.0		100.0	84.0
	% ag sales income of total	47.4	21.2	22.7	25.3		33.0		66.8	41.1
Sanma	Average h'hold income	100,600	79,500	85,400	109,600	72,100	89,200	162,100	63,600	94,000
	Average h'hold ag sales income	55,000	44,700	43,600	59,900	78,200	42,400	129,100	90,000	52,600
	% h'holds with ag income	77.6	82.0	59.4	66.2	42.0	100.0	100.0	25.2	76.7
	% ag sales income of total	42.4	46.1	30.3	36.2	45.6	47.5	79.7	35.6	42.9
Penama	Average h'hold income	62,300	71,900	79,400	53,200	67,000	49,700	61,700	62,900	67,700
	Average h'hold ag sales income	22,900	36,900	29,300	20,300	20,800	19,000	17,800	25,300	29,100
	% h'holds with ag income	80.7	85.3	84.5	94.8	91.8	100.0	100.0	72.1	83.5
	% ag sales income of total	29.7	43.8	31.2	36.2	28.5	38.2	28.9	29.0	35.9
Malampa	Average h'hold income	58,000	59,200	67,900	43,100	53,300	70,400	63,700	92,000	60,200
	Average h'hold ag sales income	28,600	28,500	26,100	15,200	10,100	31,600	10,100	40,400	28,300
	% h'holds with ag income	89.4	85.5	82.9	80.4	100.0	76.4	34.7	100.0	87.3
	% ag sales income of total	44.1	41.2	31.9	28.3	19.0	34.3	5.5	43.9	41.0
Shefa	Average h'hold income	56,400	69,500	106,500	97,900	448,200	233,700	85,900	588,400	131,800
	Average h'hold ag sales income	24,100	30,800	46,800	36,700	66,500	22,800	44,800	40,000	35,500
	% h'holds with ag income	72.0	63.9	73.4	71.2	78.5	46.3	70.3	80.6	69.9
	% ag sales income of total	30.7	28.3	32.2	26.7	11.6	4.5	36.7	5.5	18.8
Tafea	Average h'hold income	55,000	49,400	57,400	51,900	46,600	70,600	58,100	77,300	53,500
	Average h'hold ag sales income	17,700	12,100	19,200	11,100	9,100	23,400	17,000	22,800	15,900
	% h'holds with ag income	78.2	72.9	79.5	76.8	49.5	100.0	78.4	100.0	76.6
	% ag sales income of total	25.2	17.9	26.5	16.5	9.7	33.2	23.0	29.5	22.7
Luganville	Average h'hold income	70,300	69,000	65,600	65,600	62,900	98,200	203,800	54,700	74,100
	Average h'hold ag sales income	104,100	17,700	24,700	19,100	14,700	55,100	279,800	16,700	45,500
	% h'holds with ag income	17.6	33.7	19.3	32.5	20.0	37.1	52.4	40.0	29.0
	% ag sales income of total	26.1	8.6	7.3	9.5	4.7	20.8	71.9	12.2	17.8

Continued

Province	Households and income	Number of market visits per week								Total
		No access	One	Two	Three	Four	Five	Six	Seven	
Port Vila	Average h'hold income	82,600	107,900	106,400	96,700	84,900	107,200	92,100	216,200	104,100
	Average h'hold ag sales income	22,100	42,200	36,100	38,200	28,400	32,600	31,000	101,500	37,600
	% h'holds with ag income	44.1	24.9	25.7	26.6	27.8	41.7	50.0	33.3	27.5
	% ag sales income of total	11.8	9.7	8.8	10.5	9.3	12.7	16.8	15.7	9.9
Rural	Average h'hold income	68,800	65,300	81,500	76,800	187,700	115,600	91,000	325,900	79,500
	Average h'hold ag sales income	32,200	30,300	32,600	29,100	37,800	29,900	58,000	38,300	31,900
	% h'holds with ag income	81.3	78.3	76.8	76.0	77.3	77.7	75.9	83.1	79.5
	% ag sales income of total	38.0	36.3	30.7	28.8	15.6	20.1	48.4	9.8	31.9
Urban	Average h'hold income	80,800	102,900	97,800	87,800	79,000	102,800	162,900	139,000	97,500
	Average h'hold ag sales income	27,200	38,100	34,200	31,900	25,600	43,000	191,400	57,100	39,400
	% h'holds with ag income	40.4	26.0	24.4	28.3	25.7	39.4	51.5	36.5	27.8
	% ag sales income of total	13.6	9.6	8.5	10.3	8.3	16.5	60.5	15.0	11.3
Vanuatu	Average h'hold income	69,300	74,200	88,500	83,200	118,600	108,800	117,500	287,700	83,800
	Average h'hold ag sales income	32,100	31,000	32,900	30,100	33,300	34,700	95,800	40,200	32,700
	% h'holds with ag income	79.8	66.0	54.2	48.2	44.5	57.4	66.9	73.6	67.0
	% ag sales income of total	36.9	27.6	20.1	17.4	12.5	18.3	54.6	10.3	26.1

Table 4-15 Communication by provinces and region, total monthly expenditure and averages, 2010 HIES

	Province										
H'hold communications expenditure	**Torba**	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Telephone/Mobile purchase	*371,900*	*432,500*	*434,600*	*769,000*	*957,000*	*413,300*	*3,378,300*	*262,400*	*3,011,200*	*3,273,600*	*6,651,900*
H'holds	780	1,220	1,710	2,330	1,480	1,330	8,860	600	4,000	4,600	13,460
Average per h'hold	500	400	300	300	600	300	400	400	800	700	500
Population in h'holds	4,690	6,510	8,350	10,750	8,180	7,840	46,320	3,340	21,790	25,130	71,450
% h'holds with expenditure	43.6	17.4	24.7	26.8	21.4	19.4	23.1	22.1	41.0	36.9	26.5
Household communication	*3,779,500*	*14,503,800*	*24,922,900*	*9,688,000*	*16,790,900*	*19,311,800*	*88,996,900*	*8,356,100*	*29,996,600*	*38,352,800*	*127,349,700*
H'holds	990	3,620	4,890	4,550	3,120	3,430	20,600	2,090	5,790	7,890	28,490
Average per h'hold	3,800	4,000	5,100	2,100	5,400	5,600	4,300	4,000	5,200	4,900	4,500
Population in h'holds	5,780	18,750	22,960	20,950	18,050	18,530	105,040	12,010	29,750	41,760	146,800
% h'holds with expenditure	55.1	51.5	70.6	52.4	44.9	49.9	53.8	77.5	59.3	63.3	56.2
Telephone connection fees		*6,800*	*10,000*		*151,900*	*10,600*	*179,300*	*60,300*	*4,900*	*65,300*	*244,600*
H'holds		3,970	5,120		3,710	3,800	23,100	2,160	7,250	9,400	32,500
Average per h'hold		0	0		0	0	0	0	0	0	0
Population in h'holds		20,530	24,020		20,850	20,350	117,020	12,340	37,910	50,240	167,260
% h'holds with expenditure		56.4	73.9		53.4	55.2	60.4	79.8	74.2	75.4	64.1
Total communications expenditure	**4,151,400**	**14,943,200**	**25,367,500**	**10,457,000**	**17,899,800**	**19,735,700**	**92,554,500**	**8,678,800**	**33,012,800**	**41,691,600**	**134,246,100**
H'holds	1,210	3,970	5,120	5,300	3,710	3,800	23,100	2,160	7,250	9,400	32,500
Average per h'hold	3,400	3,800	5,000	2,000	4,800	5,200	4,000	4,000	4,600	4,400	4,100
Population in h'holds	6,980	20,530	24,020	24,290	20,850	20,350	117,020	12,340	37,910	50,240	167,260
% h'holds with expenditure	67.3	56.4	73.9	61.1	53.4	55.2	60.4	79.8	74.2	75.4	64.1

Chapter 5. Education and Health

Concepts and definitions

The information on education and health for household members is combined in this section. The education section provides detailed information on household members' highest school qualifications for all persons aged six years and over. For those currently attending school (the age group used for analysis was 6-18 years), information was collected about type of school attended, hours attended, means of travel to school and travel time to school.

The education system in Vanuatu is complex, with the two main types of schools generally differentiated on whether the main language of instruction is English or French; then based on whether the school administration is Government, or funded mainly through other private sources (noting that some privately funded schools receive Government funding or other assistance). At the time of the HIES there were 423 primary schools and 83 secondary schools in Vanuatu. Approximately 95% or 398 primary schools were administered by the Government, compared with 88% or 73 secondary schools.

Increasing access in primary education is a priority goal for the Vanuatu Government and the Ministry of Education (MoE). In order to meet its target of 100% net enrolment by 2015 in primary education for Year 1 to Year 6, the MoE with funding support from development partners has implemented the Universal Primary Education Policy. This policy rolled out nationwide in 2010, providing grants to schools on a per capita basis for children enrolled in Year 1 through Year 6.

Primary school education usually starts at six years of age and continues for an average of 12 years with most students completing their primary school studies when they are eleven or twelve. At the end of Year 8, in Government administered schools, a national examination is sat to determine who gains entry to secondary school. Those who fail can pursue other training and education options, including 'top up' education at Year 7 and 8.

Secondary education commences at Year 9 and continues to Year 13 for English speaking students and to Year 14 for French speaking students. Students successfully completing Year 13 or 14 have options to continue their academic studies through tertiary institutions in Vanuatu and overseas, or technical and vocational training available locally and internationally.

The MoE collects detailed information through the annual school survey from every school and student in Vanuatu.

Table 5-1a Ministry of Education 2010 primary and secondary school enrolment and 2010 HIES primary and secondary attendants of persons 6 years and over.

	Ministry of Education Data, 2010			2010 HIES Data			Difference in total enrolment
Enrollment	Male	Female	Total	Male	Female	Total	HIES as % of MoE
Primary Year 1 – 8	25,967	23,614	49,581	24,740	23,200	47,930	**97%**
Secondary Year 9 – 12	4,816	4,790	9,606	3,520	3,650	7,170	**75%**
Total	**30,783**	**28,404**	**59,187**	**28,260**	**26,850**	**55,100**	**93%**

The HIES has recorded lower enrolment than the MoE for both primary and secondary enrolment. Reasons for this include MoE enrolment in primary including five year olds enrolled in primary whereas only persons aged six years and over answered the HIES question on whether they were currently attending school. The MoE school survey was carried out early in 2010 whereas HIES was carried out late in 2010. During the year a number of primary and secondary students would have left school for a variety of reasons, and some students would have completed their secondary education in 2010 and might have considered themselves to be not attending school and completed their schooling. However the HIES enrolment data of 2010 is much closer to that of the MoE than was the case with the 2006 HIES.

The HIES results had a lower level of education expenditure than that of the MoE's fee payments. This was again possibly due to the timing of the HIES in late 2010 and respondents not recalling accurately the total fees and charges paid throughout 2010.

The health care system is based around the government network of aid posts, clinics, dispensaries and hospitals. There are five hospitals in Vanuatu – the national hospital in Port Vila, and provincial hospitals in Luganville (Sanma), Norsup (Malampa), Lolowai (Penama), and Lenekal (Tafea). The network of health facilities is directed towards community based aid posts as the primary contact for medical treatment, check-ups and public health activities. In some areas there are also private medical practitioners, mostly in Port Vila.

Information on all household members' health was collected about whether or not they had a health problem over the last 12 months and what help they sought, if any, from where and the nature of the illness.

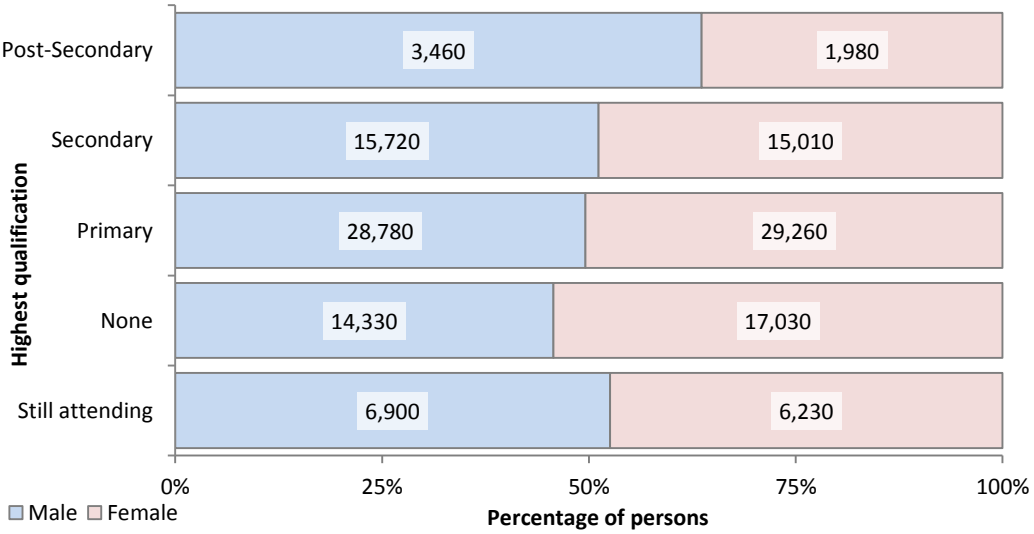
Education Results

Attendance and highest qualifications

Obtaining information about current school attendance or highest qualification gained is often difficult, and this is the case in Vanuatu with many respondents not wanting to disclose their highest qualification or indicate whether their children are currently attending school. A total of 61,130 persons aged six years and over responded that they were currently attending school and of these 1,030, or 2%, did not provide information about their highest school qualification which is relatively low non-response and indicates that the education data is of a reasonably quality for analysis.

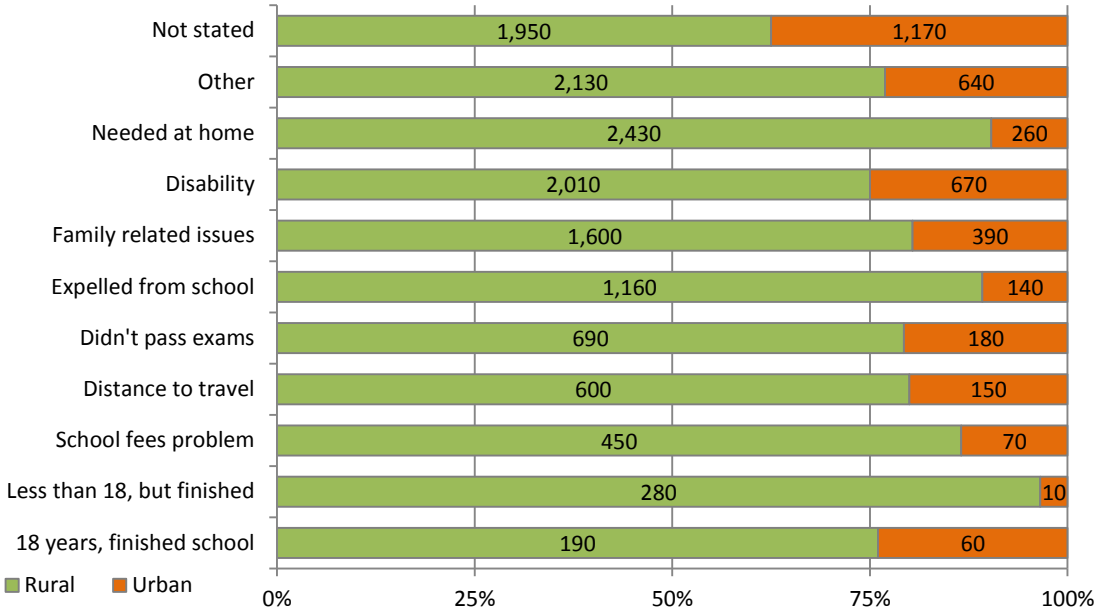
Of the 61,130 persons aged six years and over 78% had a primary level qualification. In general males had higher qualifications at post-secondary level than females, while at secondary level qualifications the number of females and males were about the same (Figure 5-1).

Figure 5-1 Highest qualification obtained, persons aged 6 years and over, 2010 HIES



For those aged between six and 18 years of age not currently attending school, the most common reason for not attending school was school fees problems followed by children who had finished schooling (lack of access, did not pass examinations to proceed and so on). A large number of rural children had other reasons for not attending school which could mean that there wasn't a school nearby for their level, no access to transport, problems such as school closures and so on (Figure 5-2).

Figure 5-2 Reason for not attending school, percentage of those 6-18 years, 2010 HIES

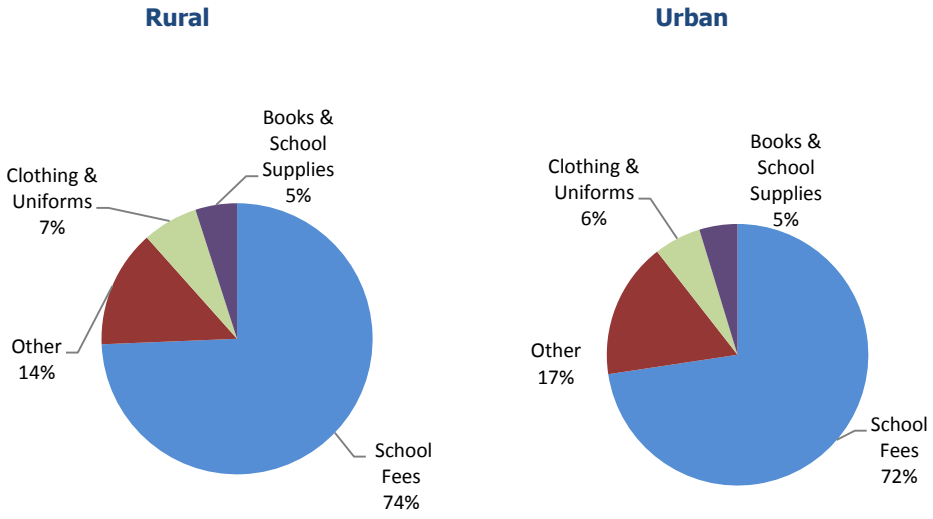


Of persons aged six years and over who were attending school, 78% were attending primary school and 12% were attending secondary school. A further 7% were attending post-secondary level education, which includes trade and vocational centres and schools, teachers college and university.

Households in Vanuatu reporting expenditure on educational goods and services might not necessarily have had children from their household attending school. It was estimated that 30,200 households had education expenditure; and there were 52,020 people attending school living in these households. These households spent an average of Vt 3,800 per month on education, with a total estimated expenditure on education at 114 million Vatu.

Expenditure on secondary school fees accounted for almost half of the total education expenditure at 49% compared with 14% for primary school fees. Education expenditure includes exam, school, boarding and caution fees from early childhood to tertiary and vocational education and training. Other expenditure includes fees for hobby and other optional classes and tuition, transport to school and other educational related expenses not elsewhere classified (Figure 5-3).

Figure 5-3 Education expenditure, 2010 HIES

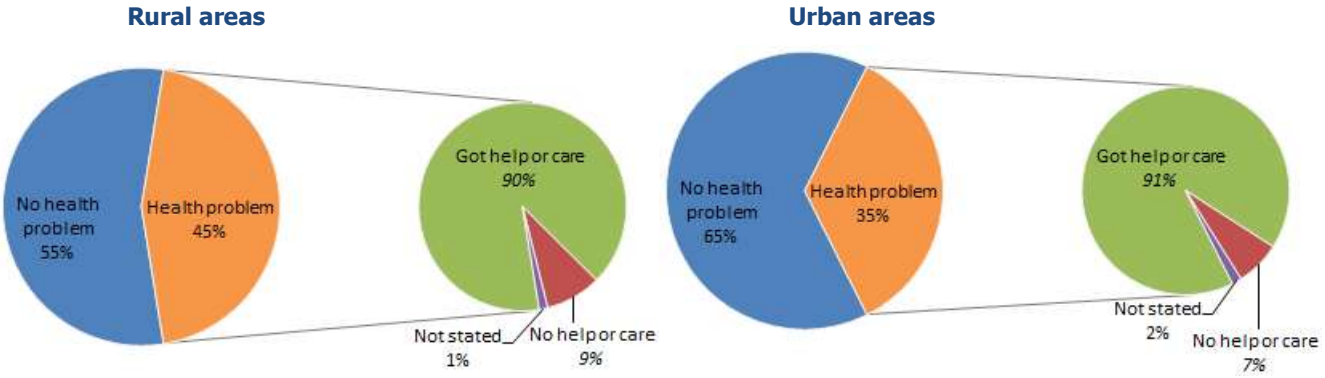


Health Results

Of the total population of 249,850, 97% or 243,400 people, provided information about their health. Of these people just over half or 58% (72,340 males and 67,960 females) reported that they had not had any health problem in the last 12 months. Of the 38% of people that reported that they had a health problem, 45,440 were male and 48,130 were female. Of these 93,570 people who had a health problem in the last 12 months 38% got help for their problem. Gender wise, 41% of men and 43% of women had a health problem in the last 12 months (Figure 5-4).

The trend of sickness shows that adult 65 years and over reporting a health problem increased and the vast majority of them seek help. In terms of age group, people aged over 65 years in rural areas were more likely to have a medical problem than other age groups.

Figure 5-4 Health in the last 12 months, 2010 HIES



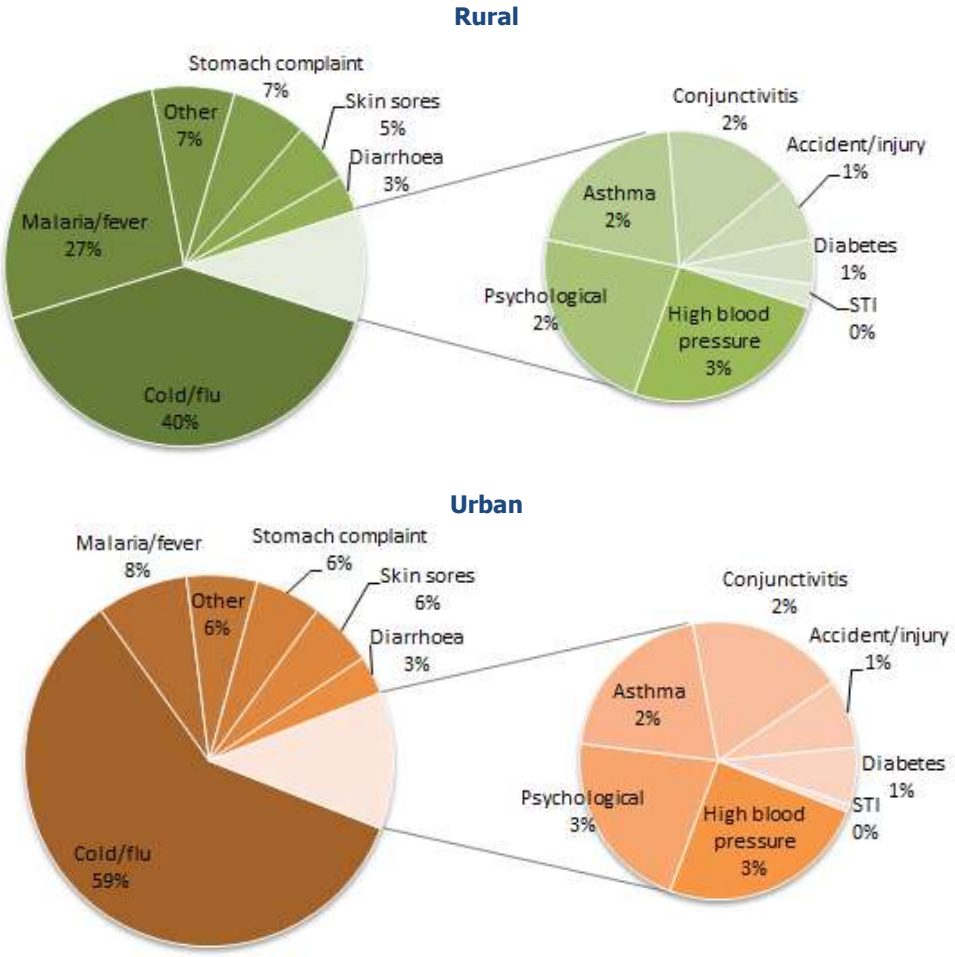
In the rural areas people were slightly more likely to have had a health problem in the last 12 months with 45% or 81,060 people having a health problem compared with 22,040 people or 35% of the population in urban areas. Both in rural and urban areas 90% of people with health problems sought help.

The source of help for people reflected access to health services, with 50% of rural people having gotten help from their local aid post, dispensary or clinic while 64% of people in urban centres sought help from the hospital and 28% getting help from a dispensary or clinic.

The most common diagnosed complaint of those who sought help was a cold or flu (40,910 people), followed by malaria or fever (20,900 people). There were no significant gender differences in diagnosed problems, with females slightly more likely to have a cold or flu than males.

There were geographic variations in the types of diagnosis, with cold and flu representing 59% of diagnosed health problems in urban areas (11,830 persons) compared with 40% of health problems diagnosed in rural areas or 29,080 persons). Malaria was diagnosed for 26% of rural people seeking treatment, compared with only 8% in urban areas. Stomach complaints were diagnosed in 7% of rural health problems and 6% of urban ones. Diarrhoea was diagnosed in 3% of both rural and urban diagnosed complaints (Figure 5-5).

Figure 5-5 Proportion of health problems diagnosed in urban and rural areas, 2010 HIES



In terms of duration of illness, 35% of those who sought help for their health problems were sick for 2 to 3 days and a further 31% were sick for four to seven days. There was no real difference between males and females and duration of illness.

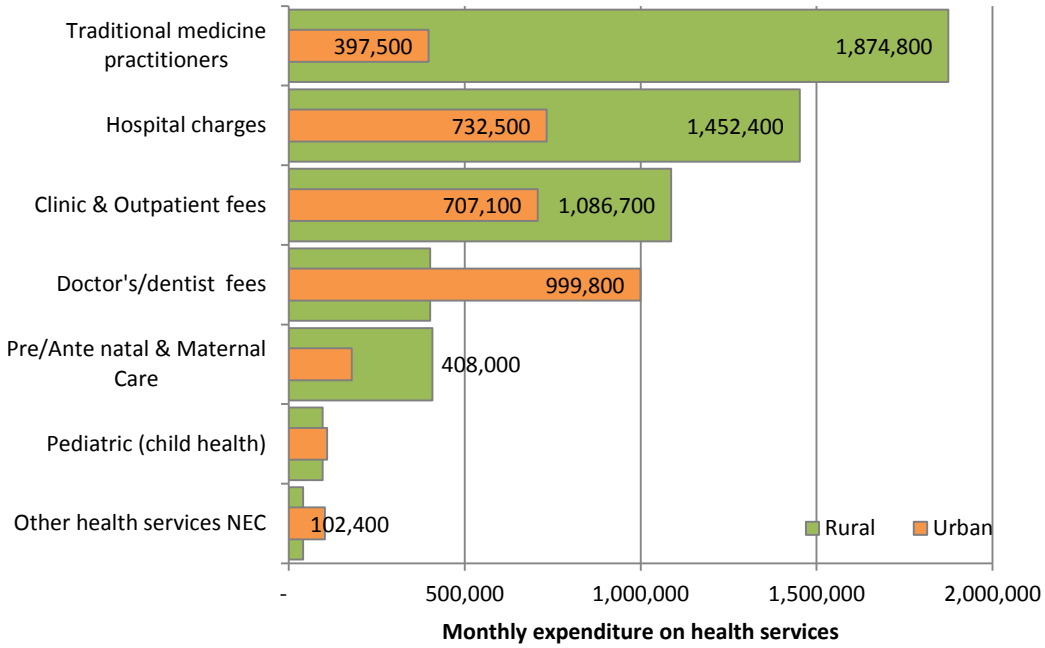
Of those that sought help for their health problem, 41,180 or 44% said that the health problem prevented them from undertaking their usual activities. Of these 41,180 people one-in-four or 24% who were currently working said that the health problem resulted in a loss of earnings.

Household expenditure on medical services

The Ministry of Health operates its clinical services on a minimal cost recovery basis. For certain medical conditions such as malaria, tuberculosis and chronic ailments such as hypertension, diabetes and heart conditions treatment is provided free of charge.

There were 27,380 households in Vanuatu reporting expenditure on health services in the 2010 HIES with a total monthly expenditure of nine million Vatu. This only includes health services and not goods like medications purchased by households. These households spent an average of Vt 300 per month on health services.

Figure 5-6 Health services expenditure, rural and urban areas, 2010 HIES



The expenditure patterns differ between rural and urban areas, mostly related to the access to different health services in urban areas compared with rural ones. The Ministry of Health operates on a minimal charge basis with many services offered free of charge, and hospital fees were the most significant expenditure of those related to the services provided by the Ministry of Health, representing approximately one-quarter of rural and urban health services expenditure. Traditional medicine practitioners accounted for just over one-third of rural health services expenditure, compared with 12% of urban health services expenditure. Doctors or dentists fees represented 31% of urban health services expenditure, compared with 7% of rural households (Figure 5-6).

Education Statistical tables

Table 5-1 Current school attendance of persons aged 6 years and over, province, 2010 HIES

Province	Attending school			Not attending school			Not stated			Total
	Male	Female	Total	Male	Female	Total	Male	Female	Total	
Torba	1,070	1,070	2,140	3,050	2,880	5,920	70	50	120	**8,180**
Sanma	4,570	4,240	8,800	10,150	9,860	20,010	280	120	410	**29,220**
Penama	4,440	3,420	7,860	8,160	8,640	16,800	250	220	470	**25,130**
Malampa	4,490	4,600	9,090	10,950	11,220	22,170	110	170	270	**31,530**
Shefa	4,290	4,150	8,430	11,810	11,140	22,950	310	300	600	**31,980**
Tafea	4,630	4,750	9,380	8,480	9,130	17,610	300	370	670	**27,660**
Rural	*23,480*	*22,220*	*45,700*	*52,590*	*52,870*	*105,460*	*1,310*	*1,220*	*2,530*	***153,690***
Luganville	1,920	1,600	3,520	4,650	4,260	8,910	170	190	360	**12,790**
Port Vila	6,350	5,560	11,910	14,490	14,550	29,040	460	470	930	**41,880**
Urban	*8,280*	*7,160*	*15,430*	*19,140*	*18,810*	*37,950*	*620*	*670*	*1,290*	***54,670***
Vanuatu	**31,760**	**29,380**	**61,130**	**71,740**	**71,680**	**143,410**	**1,930**	**1,890**	**3,820**	**208,370**

Table 5-2 Current school attendance of persons aged 6–18 years, province, 2010 HIES

Highest qualification	Attending school	Not attending school	Not stated	Total
Rural	*43,190*	*13,500*	*1,540*	*58,240*
Torba	2,080	1,010	70	3,160
Sanma	8,440	2,630	240	11,310
Penama	7,370	1,920	370	9,660
Malampa	8,760	2,090	170	11,020
Shefa	7,630	2,970	190	10,800
Tafea	8,910	2,880	510	12,290
Urban	*13,240*	*3,740*	*350*	*17,330*
Luganville	3,350	870	120	4,340
Port Vila	9,880	2,870	240	12,990
Vanuatu	**56,430**	**17,240**	**1,900**	**75,570**

Table 5-3 Highest qualification of persons aged 6 years and over, region, 2010 HIES

Highest qualification	Province										
	Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	Urban	Vanuatu
Male	**4,180**	**15,000**	**12,850**	**15,550**	**16,400**	**13,400**	**77,380**	**6,740**	**21,300**	**28,040**	**105,420**
Still attending	1,070	4,570	4,440	4,490	4,290	4,630	23,480	1,920	6,350	8,280	31,760
None	1,100	2,790	3,050	2,560	1,930	3,970	15,400	420	1,300	1,720	17,120
Primary	1,370	4,660	3,040	5,980	5,830	2,410	23,280	1,760	4,630	6,390	29,680
Secondary	310	1,250	1,340	1,700	2,800	920	8,320	1,830	5,710	7,540	15,860
Post-Secondary	100	90	340	510	620	230	1,900	150	1,450	1,610	3,500
Not stated	230	1,630	650	310	930	1,240	4,990	650	1,860	2,510	7,500
Female	**4,000**	**14,220**	**12,280**	**15,980**	**15,580**	**14,250**	**76,310**	**6,060**	**20,580**	**26,630**	**102,940**
Still attending	1,070	4,240	3,420	4,600	4,150	4,750	22,220	1,600	5,560	7,160	29,380
None	1,170	3,080	3,250	2,910	1,900	4,670	16,980	380	1,720	2,100	19,080
Primary	1,230	4,160	3,340	6,110	5,920	2,400	23,150	1,780	5,030	6,810	29,970
Secondary	270	1,160	1,420	1,770	2,290	890	7,810	1,630	5,690	7,330	15,130
Post-Secondary	40	40	200	230	390	70	960	60	960	1,020	1,980
Not stated	220	1,540	650	370	940	1,480	5,190	620	1,600	2,220	7,410
Total	**8,180**	**29,220**	**25,130**	**31,530**	**31,980**	**27,660**	**153,690**	**12,790**	**41,880**	**54,670**	**208,370**

Table 5-4 Highest qualification of persons aged 15 years and over, region and sex, 2010 HIES

Highest qualification	Province										
	Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	Urban	Vanuatu
Male	**3,000**	**10,310**	**8,410**	**11,160**	**12,260**	**8,220**	**53,350**	**5,010**	**16,560**	**21,570**	**74,920**
Still attending	220	640	660	680	1,110	810	4,130	490	2,280	2,770	6,900
None	880	2,560	2,640	2,210	1,370	3,270	12,930	310	1,100	1,400	14,330
Primary	1,320	4,490	3,010	5,820	5,670	2,310	22,620	1,700	4,460	6,160	28,780
Secondary	310	1,250	1,330	1,700	2,770	910	8,270	1,810	5,640	7,460	15,720
Post-Secondary	100	90	340	510	620	200	1,860	150	1,450	1,600	3,460
Not stated	160	1,280	430	230	720	720	3,550	560	1,620	2,180	5,730
Female	**2,850**	**10,360**	**8,770**	**11,490**	**11,870**	**9,100**	**54,440**	**4,690**	**16,450**	**21,140**	**75,580**
Still attending	170	900	500	620	870	690	3,750	400	2,080	2,480	6,230
None	1,030	2,880	2,990	2,610	1,580	4,130	15,230	310	1,490	1,800	17,030
Primary	1,190	4,040	3,230	6,030	5,840	2,280	22,620	1,760	4,880	6,640	29,260
Secondary	270	1,130	1,400	1,770	2,290	890	7,760	1,630	5,630	7,250	15,010
Post-Secondary	30	40	200	230	390	70	960	60	960	1,020	1,980
Not stated	160	1,350	440	230	890	1,040	4,120	530	1,420	1,950	6,080
Total	**5,850**	**20,670**	**17,170**	**22,650**	**24,130**	**17,320**	**107,800**	**9,700**	**33,010**	**42,710**	**150,510**

Table 5-5 Reasons for not currently attending school for persons aged 6 – 18 years, sex and region, 2010 HIES

Reason not attending school	Rural			Urban			Vanuatu
	Male	Female	Total	Male	Female	Total	
School fees problem	960	990	*1,950*	580	590	*1,170*	3,120
Less than 18, but finished	1,230	900	*2,130*	250	390	*640*	2,770
18 years, finished school	1,000	1,010	*2,010*	290	380	*670*	2,680
Needed at home	690	480	*1,160*	40	100	*140*	1,300
Didn't pass exams	270	420	*690*	110	70	*180*	870
Family related issues	280	320	*600*	30	120	*150*	760
Distance to travel	220	220	*450*	50	20	*70*	520
Disability	150	130	*280*	10		*10*	290
Expelled from school	70	120	*190*	20	30	*60*	250
Other	1,490	940	*2,430*	190	70	*260*	2,690
Not stated	940	670	*1,600*	250	140	*390*	1,990
Total	**7,290**	**6,210**	***13,500***	**1,830**	**1,910**	***3,740***	**17,240**

Table 5-6 Type of school attending, region and level currently attending of persons aged 6-24 years (inclusive), 2010 HIES

Region and type of school attending	Level currently attending and sex								Total
	Primary (Year 1-8)		Secondary (Year 9-12)		Post-Secondary		Not stated		
	Male	Female	Male	Female	Male	Female	Male	Female	
Vanuatu	**24,600**	**23,030**	**3,450**	**3,570**	**2,640**	**1,820**	**450**	**350**	**59,900**
English	16,080	15,290	2,260	2,410	1,690	1,330	110	60	39,240
French	8,150	7,360	1,090	1,060	560	190			18,420
Bilingual	210	140	100	70	160	150	40		870
Other	10	30			190	150	10		400
Not Stated	140	210		20	30	0	280	300	980
Rural	*19,420*	*18,630*	*1,960*	*1,840*	*1,430*	*1,100*	*260*	*200*	*44,860*
English	12,600	12,390	1,250	1,280	940	750	80	30	29,300
French	6,570	5,940	700	520	260	160			14,160
Bilingual	150	90	10	20	70	60	10		410
Other	10	30			150	140	10		350
Not Stated	90	170		20	10		160	180	630
Urban	*5,170*	*4,400*	*1,480*	*1,730*	*1,210*	*720*	*180*	*150*	*15,050*
English	3,490	2,900	1,020	1,130	750	580	30	30	9,930
French	1,580	1,420	380	540	310	40			4,260
Bilingual	60	50	80	50	90	90	30		460
Other					40	10			50
Not Stated	50	30			20		120	120	340

Table 5-7 Province, monthly education expenditure, persons aged 6 years and over attending school*, household and population counts, 2010 HIES

	Province										
Education expenditure item	**Torba**	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Total education expenditure	**1,178,800**	**13,165,200**	**11,352,300**	**15,840,900**	**17,513,600**	**6,702,600**	**65,753,400**	**6,754,800**	**41,389,000**	**48,143,700**	**113,897,100**
H'holds	880	3,720	4,340	5,350	4,310	3,400	21,990	1,550	6,660	8,210	30,200
Average per h'hold	1,300	3,500	2,600	3,000	4,100	2,000	3,000	4,300	6,200	5,900	3,800
Persons attending school	1,540	7,530	6,700	7,870	7,110	6,970	37,720	3,030	10,850	13,870	51,600
% h'holds with expenditure	49.1	52.9	62.6	61.6	61.9	49.4	57.5	57.5	68.2	65.9	59.5
Boarding/Lodging Fees	**2,000**	**964,900**	**49,300**	**156,000**	**159,100**	**66,200**	**1,397,500**	**61,000**	**60,500**	**121,600**	**1,519,100**
H'holds	20	150	180	160	200	120	820	30	100	130	950
Average per h'hold	100	6,500	300	1,000	800	500	1,700	2,200	600	900	1,600
Persons attending school	20	450	320	120	410	340	1,650	60	220	280	1,930
% h'holds with expenditure	0.9	2.1	2.5	1.8	2.9	1.8	2.1	1.0	1.0	1.0	1.9
Books & School Supplies	**46,300**	**902,800**	**328,400**	**644,000**	**1,026,000**	**220,800**	**3,168,400**	**397,400**	**1,823,100**	**2,220,500**	**5,388,900**
H'holds	370	1,820	1,870	2,510	2,400	1,510	10,480	880	3,650	4,530	15,000
Average per h'hold	100	500	200	300	400	100	300	500	500	500	400
Persons attending school	690	3,710	3,050	4,240	4,280	3,140	19,110	1,910	6,720	8,630	27,740
% h'holds with expenditure	20.4	25.9	27.0	28.9	34.5	21.9	27.4	32.6	37.4	36.3	29.6
Caution Fees	**13,100**	**122,400**	**140,600**	**116,900**	**195,500**	**98,300**	**686,900**	**82,800**	**427,300**	**510,100**	**1,196,900**
H'holds	40	510	550	570	590	550	2,800	250	690	940	3,740
Average per h'hold	300	200	300	200	300	200	200	300	600	500	300
Persons attending school	80	1,360	1,030	1,150	1,330	990	5,930	590	1,640	2,230	8,160
% h'holds with expenditure	2.4	7.2	7.9	6.5	8.4	8.0	7.3	9.1	7.1	7.5	7.4
Clothing & Uniforms	**82,100**	**854,800**	**720,200**	**819,900**	**1,068,400**	**679,900**	**4,225,100**	**331,400**	**2,410,100**	**2,741,500**	**6,966,600**
H'holds	350	2,270	1,650	2,950	2,590	1,870	11,680	940	4,110	5,040	16,720
Average per h'hold	200	400	400	300	400	400	400	400	600	500	400
Persons attending school	730	4,810	2,780	5,310	4,720	4,110	22,460	2,010	7,280	9,300	31,750
% h'holds with expenditure	19.8	32.3	23.8	34.0	37.3	27.1	30.5	34.6	42.0	40.4	33.0
Early Childhood education fees	**23,700**	**560,200**	**698,200**	**745,300**	**1,062,700**	**127,900**	**3,218,100**	**507,400**	**3,774,800**	**4,282,200**	**7,500,300**
H'holds	190	1,050	1,540	1,750	1,100	1,240	6,880	460	1,880	2,330	9,210
Average per h'hold	100	500	500	400	1,000	100	500	1,100	2,000	1,800	800
Persons attending school	300	2,150	2,390	2,230	1,750	2,790	11,610	820	2,970	3,790	15,400
% h'holds with expenditure	10.7	15.0	22.3	20.1	15.8	18.1	18.0	16.9	19.2	18.7	18.1

Continued

Education expenditure item	Province										
	Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	Urban	Vanuatu
Examination Fees	**6,700**	**18,700**	**56,300**	**46,300**	**63,900**	**121,900**	**313,700**	**31,100**	**128,400**	**159,500**	**473,200**
H'holds	70	160	350	440	240	370	1,640	160	560	720	2,360
Average per h'hold	100	100	200	100	300	300	200	200	200	200	200
Persons attending school	180	410	630	850	690	790	3,550	420	1,330	1,760	5,310
% h'holds with expenditure	4.0	2.3	5.1	5.0	3.4	5.4	4.3	6.0	5.7	5.8	4.6
Fees for hobby classes	**200**	**2,200**	**7,900**	**70,500**	**214,400**		**295,200**	**1,200**	**54,300**	**55,500**	**350,700**
H'holds	0	10	40	40	150		240	10	100	110	350
Average per h'hold	0	200	200	1,700	1,400		1,200	200	500	500	1,000
Persons attending school	0	0	50	80	320		450	20	220	240	690
% h'holds with expenditure	0.2	0.2	0.5	0.5	2.1		0.6	0.2	1.0	0.9	0.7
Fees for regular private child care		**40,000**	**400**	**11,500**	**417,700**	**1,600**	**471,200**	**138,300**	**112,600**	**250,900**	**722,100**
H'holds		50	10	60	30	10	160	80	30	110	280
Average per h'hold		800	0	200	12,500	200	2,900	1,800	3,300	2,200	2,600
Persons attending school		20	10	110	60	30	230	100	70	160	400
% h'holds with expenditure		0.7	0.2	0.7	0.5	0.1	0.4	2.9	0.3	0.9	0.5
Primary School Fees	**158,400**	**1,522,100**	**927,200**	**1,067,800**	**3,228,800**	**270,100**	**7,174,300**	**848,600**	**7,621,000**	**8,469,600**	**15,643,800**
H'holds	500	1,820	1,460	2,040	2,100	1,170	9,080	530	3,730	4,270	13,350
Average per h'hold	300	800	600	500	1,500	200	800	1,600	2,000	2,000	1,200
Persons attending school	910	4,320	2,730	3,990	3,680	2,690	18,320	1,170	7,350	8,520	26,830
% h'holds with expenditure	28.0	25.9	21.0	23.5	30.1	16.9	23.7	19.8	38.2	34.2	26.3
Secondary School Fees	**834,400**	**6,362,800**	**6,289,800**	**9,139,800**	**7,207,900**	**4,654,200**	**34,488,900**	**3,446,200**	**17,211,800**	**20,657,900**	**55,146,800**
H'holds	230	1,340	1,450	2,120	1,570	1,260	7,960	660	2,870	3,530	11,500
Average per h'hold	3,600	4,800	4,300	4,300	4,600	3,700	4,300	5,200	6,000	5,800	4,800
Persons attending school	470	3,250	2,470	3,770	2,800	2,740	15,490	1,580	6,340	7,910	23,400
% h'holds with expenditure	12.9	19.0	20.9	24.4	22.6	18.3	20.8	24.5	29.4	28.4	22.7
Subscriptions levied by clubs/schools	**200**		**89,800**	**153,000**	**184,500**	**6,000**	**433,500**		**212,000**	**212,000**	**645,600**
H'holds	0		190	190	90	30	520		220	220	740
Average per h'hold	0		500	800	2,000	200	800		1,000	1,000	900
Persons attending school	0		300	130	140	70	650		370	370	1,020
% h'holds with expenditure	0.2		2.8	2.2	1.3	0.4	1.3		2.2	1.8	1.4

Continued

Education expenditure item	Province										
	Torba	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Tertiary Education Fees		**1,402,900**	**1,562,600**	**2,073,400**	**1,834,700**	**283,000**	**7,156,600**	**652,600**	**5,449,700**	**6,102,300**	**13,258,900**
H'holds		90	250	200	230	90	850	70	640	710	1,560
Average per h'hold		15,500	6,400	10,500	8,100	3,100	8,400	9,800	8,500	8,600	8,500
Persons attending school		150	340	320	460	150	1,420	150	1,470	1,620	3,040
% h'holds with expenditure		1.3	3.5	2.3	3.2	1.3	2.2	2.5	6.6	5.7	3.1
Vocational education fees	**10,100**	**215,200**	**187,800**	**527,500**	**748,000**	**126,900**	**1,815,500**	**239,600**	**1,578,100**	**1,817,700**	**3,633,300**
H'holds	10	60	150	180	240	130	770	30	300	340	1,100
Average per h'hold	1,300	3,800	1,200	3,000	3,100	1,000	2,400	7,200	5,200	5,400	3,300
Persons attending school	0	140	270	310	360	210	1,290	90	760	850	2,140
% h'holds with expenditure	0.4	0.8	2.2	2.1	3.5	1.8	2.0	1.2	3.1	2.7	2.2
Other educational services NEC	**1,700**	**196,100**	**293,800**	**269,100**	**101,800**	**45,900**	**908,400**	**17,300**	**525,200**	**542,500**	**1,450,900**
H'holds	20	60	510	230	40	80	930	30	390	420	1,350
Average per h'hold	100	3,400	600	1,200	2,800	600	1,000	600	1,400	1,300	1,100
Persons attending school	40	70	820	330	20	110	1,400	60	640	700	2,090
% h'holds with expenditure	0.9	0.8	7.4	2.6	0.5	1.2	2.4	1.0	4.0	3.3	2.7

** Persons aged six years and over residing in households with education expenditure so total attending is not the same as Table 5-1.*

Heath Statistical tables

Table 5-8 Health in the last 12 months, total population, sex and province, 2010 HIES

	No health problem			Health problem			Not stated		
Province	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Rural	*51,120*	*48,490*	*99,610*	*39,880*	*41,180*	*81,060*	*2,470*	*2,150*	*4,620*
Torba	2,290	2,240	4,530	2,460	2,340	4,800	170	220	390
Sanma	9,950	9,320	19,270	7,590	7,330	14,920	570	490	1,050
Penama	8,670	7,920	16,580	7,090	6,940	14,030	260	230	490
Malampa	7,810	7,780	15,590	10,470	10,840	21,310	400	310	710
Shefa	11,320	9,760	21,090	7,310	8,080	15,390	490	320	810
Tafea	11,090	11,470	22,560	4,970	5,650	10,620	580	590	1,180
Urban	*21,210*	*19,470*	*40,690*	*10,950*	*11,080*	*22,040*	*950*	*890*	*1,840*
Luganville	5,110	4,710	9,820	2,630	2,380	5,010	170	110	280
Port Vila	16,100	14,760	30,860	8,330	8,700	17,030	780	780	1,550
Vanuatu	**72,340**	**67,960**	**140,300**	**50,840**	**52,260**	**103,100**	**3,420**	**3,040**	**6,460**

Table 5-9 People with a health problem in the last 12 months, total population and sex, province, 2010 HIES

	People with a health problem*						
	Got help or care			*Did not get help or care*			**% with problem**
Province	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**	**not getting help**
Rural	*35,300*	*37,660*	*72,950*	*4,050*	*2,990*	*7,040*	*9%*
Torba	2,120	2,100	4,230	300	220	520	11%
Sanma	6,770	6,700	13,470	650	490	1,140	8%
Penama	6,140	6,210	12,350	860	680	1,530	11%
Malampa	9,410	10,000	19,400	890	660	1,550	7%
Shefa	6,310	7,340	13,650	960	690	1,640	11%
Tafea	4,540	5,310	9,850	390	260	650	6%
Urban	*9,930*	*10,220*	*20,160*	*820*	*720*	*1,540*	*7%*
Luganville	2,380	2,130	4,510	190	220	410	8%
Port Vila	7,550	8,090	15,640	630	510	1,130	7%
Vanuatu	**45,230**	**47,880**	**93,110**	**4,870**	**3,720**	**8,580**	**8%**

** Does not include 1,400 persons (740 males and 660 females) who had a health problem but did not specify whether or not they sought help or care.*

Table 5-10 People getting help for a health problem in the last 12 months, source of help sex, region, 2010 HIES

	Rural			Urban			
Source of help	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**	**Vanuatu**
Hospital	7,450	7,670	15,110	6,610	6,330	12,940	28,050
Health Center	7,650	9,270	16,920	280	420	700	17,620
Dispensary/Clinic	12,050	13,050	25,100	2,610	3,020	5,630	30,730
Aid post	5,930	5,590	11,520		80	80	11,610
Retired Nurse/Retired Doctor	60	50	110				110
Private Doctor	190	170	360	140	170	310	670
Traditional Healer	1,520	1,380	2,890	120	60	170	3,060
Use Prayer	180	190	360	20	50	70	440
Other	160	140	300	100	80	170	480
Not stated	100	170	270	60	20	80	350
Total	**35,300**	**37,660**	**72,960**	**9,930**	**10,220**	**20,160**	**93,110**

Table 5-11 People getting help for a health problem in the last 12 months, length of sickness and whether it prevented them from doing their usual activities and sex, 2010 HIES

	Length of sickness						
Prevented from doing usual activities	1 day	2-3 days	4-7 days	1-4 weeks	< 4 weeks	Not stated	Total
Male	***2,970***	***15,930***	***13,760***	***8,570***	***3,740***	***260***	***45,230***
Yes	1,180	6,970	5,850	4,590	2,210	10	20,810
No	1,760	8,720	7,820	3,880	1,510	110	23,790
Not stated	30	240	90	100	30	140	630
Female	***3,210***	***16,450***	***14,810***	***9,250***	***3,880***	***290***	***47,880***
Yes	1,110	6,560	6,180	4,450	2,030	40	20,370
No	2,050	9,600	8,500	4,730	1,830	120	26,830
Not stated	40	290	130	70	20	140	690
Total	**6,180**	**32,380**	**28,570**	**17,820**	**7,610**	**550**	**93,110**

Table 5-12 Monthly health services expenditure, region, 2010 HIES

	Households		Monthly expenditure		Average Expenditure	
Health services expenditure items	Rural	Urban	Rural	Urban	Rural	Urban
Hospital charges	6,300	4,360	1,452,400	732,500	200	200
Clinic & Outpatient fees	10,070	4,160	1,086,700	707,100	100	200
Doctor's/dentist fees	3,030	2,550	401,700	999,800	100	400
Traditional medicine practitioners	5,650	960	1,874,800	397,500	300	400
Paediatric (child health)	600	320	96,100	108,800	200	300
Pre/Ante natal & Maternal Care	1,590	820	408,000	178,900	300	200
Other health services NEC	360	210	40,800	102,400	100	500
Total	**19,220**	**8,160**	**5,360,600**	**3,227,000**	**300**	**300**

Table 5-13 Health in the last 12 months, age group and sex, region, 2010 HIES

	Vanuatu			Rural			Urban		
Age group and sex	**No problem**	**Got help**	**No help**	**No problem**	**Got help**	**No help**	**No problem**	**Got help**	**No help**
Male	**72,340**	**45,230**	**4,870**	**51,120**	**35,300**	**4,050**	**21,210**	**9,930**	**820**
0–4	7,820	8,440	320	5,710	6,560	250	2,110	1,880	70
5–9	8,480	7,100	650	6,390	5,850	530	2,090	1,260	110
10–14	10,120	5,640	640	7,750	4,530	560	2,380	1,100	90
15–19	7,250	3,120	360	4,830	2,470	330	2,420	640	30
20–24	6,680	2,230	350	4,110	1,500	240	2,570	740	110
25–29	5,460	2,640	320	3,490	1,820	270	1,970	820	50
30–34	5,640	2,840	480	3,870	2,110	370	1,770	730	110
35–39	5,310	2,490	340	3,850	2,020	240	1,460	480	100
40–44	4,260	2,230	510	2,910	1,670	450	1,350	550	60
45–49	3,630	1,780	100	2,490	1,310	90	1,130	470	20
50–54	2,510	1,810	210	1,680	1,390	200	830	420	20
55–59	1,940	1,530	200	1,420	1,170	170	520	350	30
60–64	1,380	960	100	1,050	800	100	330	170	10
65+	1,870	2,410	270	1,600	2,090	260	270	320	10
Female	**67,960**	**47,880**	**3,720**	**48,490**	**37,660**	**2,990**	**19,470**	**10,220**	**720**
0–4	7,760	8,140	240	5,840	6,280	190	1,920	1,860	50
5–9	8,630	6,870	260	6,570	5,640	220	2,060	1,230	40
10–14	8,380	5,000	550	6,560	4,190	450	1,820	810	100
15–19	7,080	3,330	310	4,740	2,280	260	2,340	1,050	50
20–24	6,660	3,650	450	4,170	2,600	320	2,490	1,050	130
25–29	5,910	3,510	410	3,690	2,610	320	2,220	900	90
30–34	5,070	3,460	220	3,720	2,800	160	1,350	660	50
35–39	5,580	2,780	330	3,920	2,180	260	1,660	600	70
40–44	3,900	2,230	280	2,520	1,680	210	1,380	550	60
45–49	2,900	2,390	110	2,130	1,940	100	770	440	10
50–54	2,170	1,890	190	1,560	1,520	150	610	360	30
55–59	1,590	1,540	120	1,160	1,200	120	430	340	10
60–64	860	1,270	70	670	1,050	50	180	220	20
65+	1,470	1,840	180	1,230	1,670	180	240	170	
Total	**140,300**	**93,110**	**8,580**	**99,610**	**72,950**	**7,040**	**40,690**	**20,160**	**1,540**
0–4	15,580	16,580	560	11,550	12,840	440	4,030	3,740	120
5–9	17,100	13,980	910	12,960	11,490	750	4,150	2,490	160
10–14	18,500	10,630	1,200	14,310	8,720	1,010	4,190	1,910	180
15–19	14,330	6,450	670	9,560	4,750	580	4,760	1,690	80
20–24	13,340	5,880	800	8,280	4,100	560	5,060	1,790	240
25–29	11,370	6,140	730	7,180	4,420	590	4,190	1,720	140
30–34	10,710	6,300	700	7,590	4,910	540	3,120	1,380	160
35–39	10,900	5,270	670	7,770	4,200	500	3,130	1,070	170
40–44	8,160	4,460	790	5,430	3,360	660	2,730	1,100	130
45–49	6,530	4,170	210	4,620	3,260	190	1,910	910	20
50–54	4,670	3,700	400	3,240	2,920	350	1,440	780	50
55–59	3,540	3,070	320	2,590	2,370	290	950	700	40
60–64	2,240	2,240	170	1,720	1,850	140	510	390	30
65+	3,340	4,250	450	2,830	3,760	440	520	490	10

Table 5-14 Monthly health services expenditure, household and population counts, region, 2010 HIES

Health expenditure item	Rural	Urban	Vanuatu
Total health services expenditure	***5,360,600***	***3,227,000***	***8,587,600***
H'holds with expenditure	19,220	8,160	27,380
Average per h'hold	300	400	300
Population in h'holds	96,290	43,480	139,770
% h'holds with expenditure	50.2	65.5	54.0
Clinic & Outpatient fees	***1,086,700***	***707,100***	***1,793,800***
H'holds with expenditure	10,070	4,160	14,230
Average per h'hold	100	200	100
Population in h'holds	52,940	22,360	75,300
% h'holds with expenditure	26.3	33.4	28.0
Doctor's/dentist fees	***401,700***	***999,800***	***1,401,600***
H'holds with expenditure	3,030	2,550	5,580
Average per h'hold	100	400	300
Population in h'holds	16,240	14,080	30,320
% h'holds with expenditure	7.9	20.5	11.0
Hospital charges	***1,452,400***	***732,500***	***2,185,000***
H'holds with expenditure	6,300	4,360	10,660
Average per h'hold	200	200	200
Population in h'holds	31,630	24,450	56,080
% h'holds with expenditure	16.5	35.0	21.0
Pediatric (child health)	***96,100***	***108,800***	***204,900***
H'holds with expenditure	600	320	920
Average per h'hold	200	300	200
Population in h'holds	3,480	1,880	5,360
% h'holds with expenditure	1.6	2.6	1.8
Pre/Ante natal & Maternal Care	***408,000***	***178,900***	***586,900***
H'holds with expenditure	1,590	820	2,410
Average per h'hold	300	200	200
Population in h'holds	9,500	4,220	13,720
% h'holds with expenditure	4.2	6.5	4.7
Traditional medicine practitioners	***1,874,800***	***397,500***	***2,272,300***
H'holds with expenditure	5,650	960	6,610
Average per h'hold	300	400	300
Population in h'holds	28,250	5,430	33,670
% h'holds with expenditure	14.8	7.7	13.0
Other health services NEC	***40,800***	***102,400***	***143,200***
H'holds with expenditure	360	210	570
Average per h'hold	100	500	300
Population in h'holds	1,680	1,240	2,920
% h'holds with expenditure	1.0	1.7	1.1
Other health expenditure	***40,800***	***102,400***	***143,200***
H'holds with expenditure	360	210	570
Average per h'hold	100	500	300
Population in h'holds	1,680	1,240	2,920
% h'holds with expenditure	1.0	1.7	1.1

Table 5-15 People who got help for a health problem and diagnosed problem, age group and sex, 2010 HIES

Age group and sex	Diagnosed problem													
	Cold/Flu	Malaria/ fever	Stomach complaint	Skin sores	Diarrhoea	Psychological	Asthma	High blood pressure	Conjunctivitis	Accident/ Injury	Diabetes	STI	Other	Not stated	Total
Male	*19,860*	*10,660*	*2,520*	*2,300*	*1,650*	*1,280*	*990*	*910*	*710*	*340*	*270*	*90*	*3,150*	*490*	*45,230*
0–9	7,950	3,600	510	960	1,090	280	310		130	50	30	20	450	160	15,550
10–19	3,870	2,500	590	590	210	260	60	10	30	10	20	30	440	120	8,760
20–29	2,210	1,050	380	110	130	160	130	80	100	80	20	20	380	20	4,870
30–39	2,090	1,300	480	190	110	120	80	110	190	60	10	20	530	30	5,330
40–49	1,620	770	280	170	50	190	100	100	110	40	40		470	60	4,010
50–59	1,120	720	130	170	30	130	120	270	80	60	40		450	30	3,340
≥60	1,000	710	150	90	30	150	190	340	80	30	110		440	60	3,370
Female	*21,050*	*10,240*	*3,500*	*2,290*	*1,960*	*820*	*990*	*1,490*	*820*	*380*	*300*	*120*	*3,350*	*570*	*47,880*
0–9	7,840	2,760	570	1,240	1,160	220	290	10	150	60	20		430	260	15,010
10–19	3,450	2,550	760	540	190	100	140	40	70	90		10	320	70	8,320
20–29	3,290	1,670	770	170	170	80	50	60	100	60	50	30	620	40	7,160
30–39	2,690	1,240	620	100	160	100	210	190	150	80		60	550	90	6,240
40–49	1,770	850	480	150	70	140	110	270	100	20	30	20	530	70	4,610
50–59	1,300	600	210	40	110	70	50	310	120	40	50		510	10	3,430
≥60	710	570	90	60	100	100	140	610	120	40	150		410	30	3,110
Total	**40,910**	**20,900**	**6,020**	**4,590**	**3,610**	**2,100**	**1,980**	**2,410**	**1,530**	**720**	**570**	**210**	**6,510**	**1,060**	**93,110**

Table 5-16 People who got help for a health problem and diagnosed problem, sex and length of sickness, 2010 HIES

Sex and length of sickness	Diagnosed problem														
	Cold/Flu	Malaria, fever	Stomach Complaint	Skin sores	Diarrhoea	Psychological	Asthma	High blood pressure	Conjunctivitis	Accident/Injury	Diabetes	STI	Other	Not stated	Total
Male	*19,860*	*10,660*	*2,520*	*2,300*	*1,650*	*1,280*	*990*	*910*	*710*	*340*	*270*	*90*	*3,150*	*490*	*45,230*
1 day	1,640	370	250	90	220	40	50	20	20	20	30	10	150	50	2,970
2-3 days	8,510	3,780	890	450	620	140	270	170	180	120	30		690	90	15,930
4-7 days	6,410	4,370	640	610	540	140	220	140	100	30	30		380	160	13,760
1-4 weeks	2,960	1,780	510	820	220	560	180	220	230	60	40	30	890	80	8,570
< 4 weeks	310	310	200	330	60	400	260	370	150	110	120	40	1,030	30	3,740
Not stated	30	40	30				10		20		20		20	80	260
Female	*21,050*	*10,240*	*3,500*	*2,290*	*1,960*	*820*	*990*	*1,490*	*820*	*380*	*300*	*120*	*3,350*	*570*	*47,880*
1 day	1,510	400	370	120	210	50	70	40	40	50	20	0	200	120	3,210
2-3 days	8,790	3,270	1,410	350	950	60	250	300	170	20	40	40	770	50	16,450
4-7 days	7,050	4,010	730	600	550	60	250	200	190	140	50	40	810	110	14,810
1-4 weeks	3,260	2,150	650	920	200	310	260	340	230	80	50	30	710	70	9,250
< 4 weeks	410	410	290	310	40	330	160	610	180	90	140	20	830	50	3,880
Not stated	20		50		10								40	170	290
Total	**40,910**	**20,900**	**6,020**	**4,590**	**3,610**	**2,100**	**1,980**	**2,410**	**1,530**	**720**	**570**	**210**	**6,510**	**1,060**	**93,110**

Chapter 6. Labour force

Concepts and definitions

This section provides detailed information on the main daily activity of all persons aged 10 years and over. The 2010 HIES contained three sections where information was obtained about labour force status – a general question on main daily activity; a more detailed series of questions on economic activity, sector of employment, occupation, industry of employer, earnings and hours worked; and finally a section of questions about income from agricultural activities and household earnings from other goods produced and sold. Information was also collected about people looking for work.

The labour force definitions and classifications used generally comply with international standards. The reference period used for work status was the last 30 days to try to capture information about casual or intermittent workers. The labour force comprised all economically active persons either currently employed or unemployed. The former includes those who worked in the last 30 days for at least one hour. The unemployed were those who did not work in the last 30 days and whose main reason for not working was that they were looking for work.

The population not in the labour force consists of all persons, who were neither working nor looking for work during the last 30 days. This is the population defined as not being economically active for a variety of reasons including study or schooling, retirement, disability, those working in the household full-time (domestic duties) and those who simply do not want to work.

The labour force participation rate refers to the proportion of people in the labour force in the population aged 10 to 64 years, whereas the unemployment rate refers to the share of the unemployed in the labour force.

The employed comprises those working for wages, salary, other forms of pay and those whose main economic activity was working in the garden (subsistence workers). Wage employment, or paid employment, refers to all persons performing some work for wage or salary, in cash or in-kind. Non-wage employment, or self-employment, refers to all persons performing some work (other than subsistence workers identified separately) for profit or family gain, in cash or in kind.

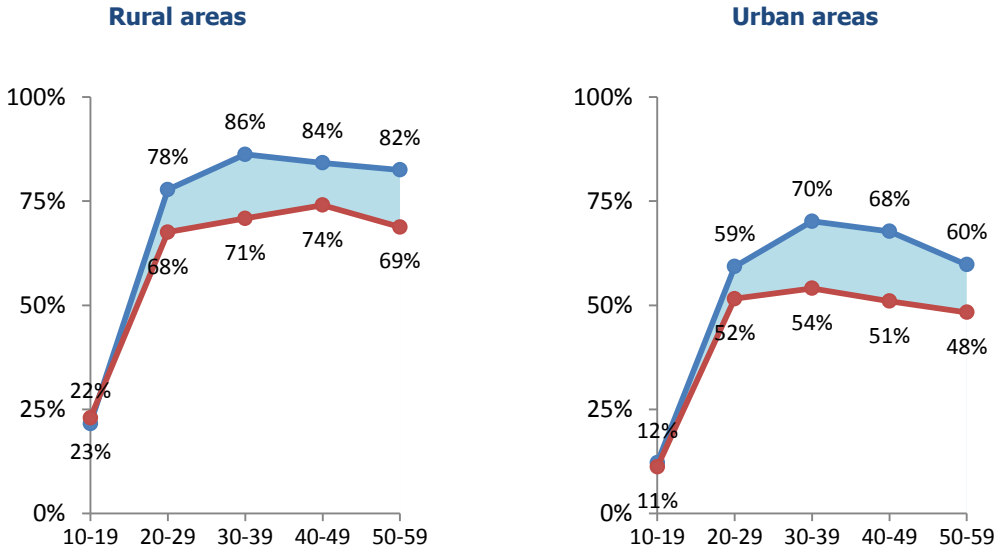
The main job refers to the job in which the person worked the most hours during the last 30 days.

Results

The 2010 HIES estimated that there were 181,760 persons aged 10 years and over, 73% residing in rural areas and 61% of whom were aged between 20 and 59 years of age. In rural areas there were 101 men for every 100 women aged 10 years and over and 100 in urban areas compared to 2006 HIES where 105 men for every 100 women.

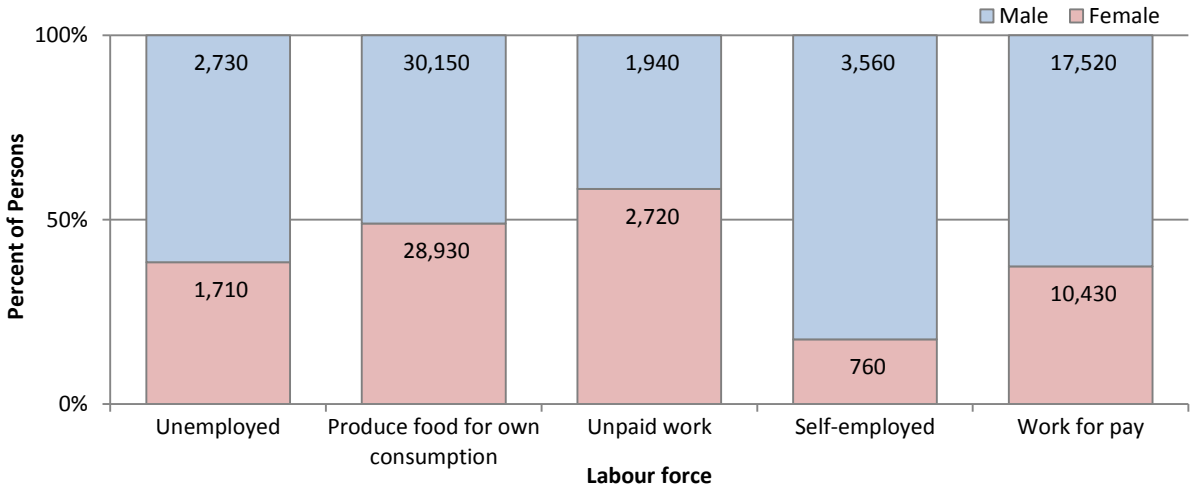
The overall participation rate for people who had worked in the last 30 days was 56 per 100 persons aged 10 to 69 years, with higher rates for males where there were 61 males reported that they had worked or looked for work in the last 30 days for every 100 males and 52 females. Rural rates were higher than urban ones, with the highest rate at 86% of rural males aged 30-39 years who worked or looked for work. (Figure 6-1).

Figure 6-1 Participation rates for work in the last 30 days, age groups 10 – 59 years, region and sex (% of age group), 2010 HIES



The majority of the economically active aged 10 years and over, about the same number of males and females (29,000 females and 30,000 males), worked in the garden as subsistence workers. Some 21,080 males worked for pay or profit (combined groups of work for pay, including business operators and those selling products) compared with 11,190 females. In Figure 6–2 self-employed includes people who are self-employed and those who sell products for their main activity. The 2010 HIES collected information on a person's work status and main daily activity, so categories like 'sell products' were lower than the actual number of people selling products because many people involved in these activities would not have considered it to be their main activity, perhaps because they did not do this all day, every day. This means the national estimates of 750 women and 820 men selling products were considerably lower than the number of men and women who would have been selling products on any one day. Unpaid work is the combined groups of volunteers and unpaid workers.

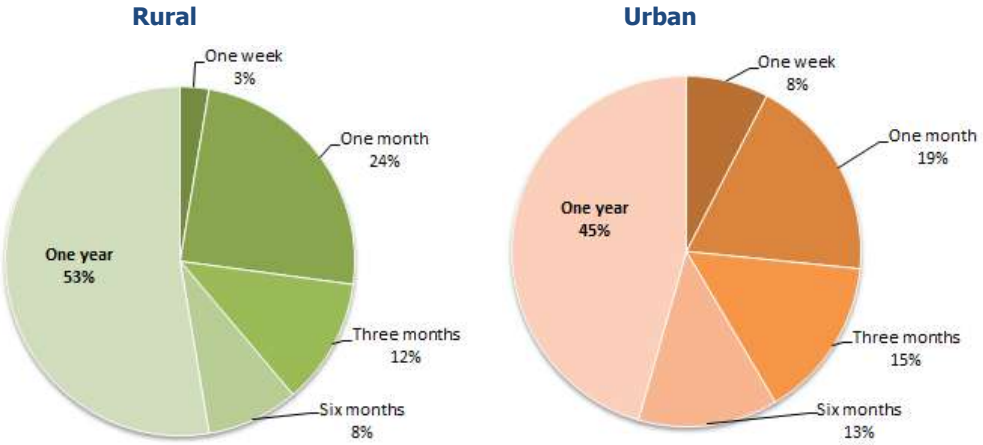
Figure 6-2 Work status of persons aged 10 years and over in the labour force, 2010 HIES



It is difficult to measure true unemployment in Vanuatu as many people who might be unemployed do not look for work because there are no jobs available and they do other activities such as subsistence gardening. In the 2010 HIES the unemployed were defined as those people aged 10 years and over who said that the reason they were not working was because they were looking for work. Overall 4% of the labour force was unemployed; with the unemployment rate at 3% of the rural workforce and 10% of the urban workforce. In terms of gender, there were more unemployed males than females, and urban males had the highest rate of unemployment at 11% of the male urban work force, followed by urban females at 8%, with rural rates for males and females the same at 3%.

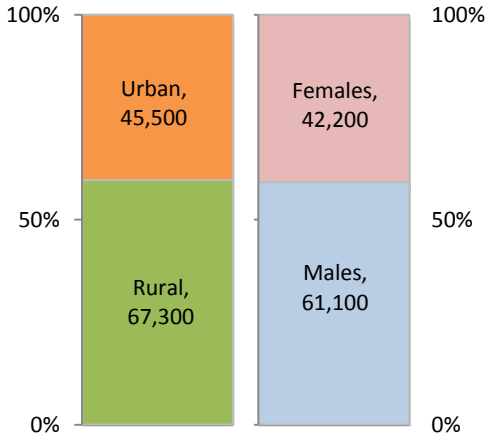
Of the unemployed who gave information about how long they had been looking for a job, just over four-out-of-every-ten (41%) had been unemployed for one year, the so called 'long term' unemployed (Figure 6-3). Longer term unemployment was more significant in rural areas than urban areas, with 53% of the unemployed looking for work for one year compared with 45% in urban areas.

Figure 6-3 Unemployed persons aged 10 years and over, period looking for job, 2010 HIES



To show more about the type of rewards from work, it is useful to look at the number of persons working for pay or profit in each household, to reflect the household's ability to participate in the 'cash' or 'formal' economy. In rural areas 78% of households had no member with work for pay or profit compared with only 9% of urban households. In 42% of urban households there was one person working for pay or profit and 33% had two – about 75% of urban households had one or two people working for pay or profit.

Figure 6-4 Average monthly gross wages and salaries of persons working for pay or profit, 2010 HIES



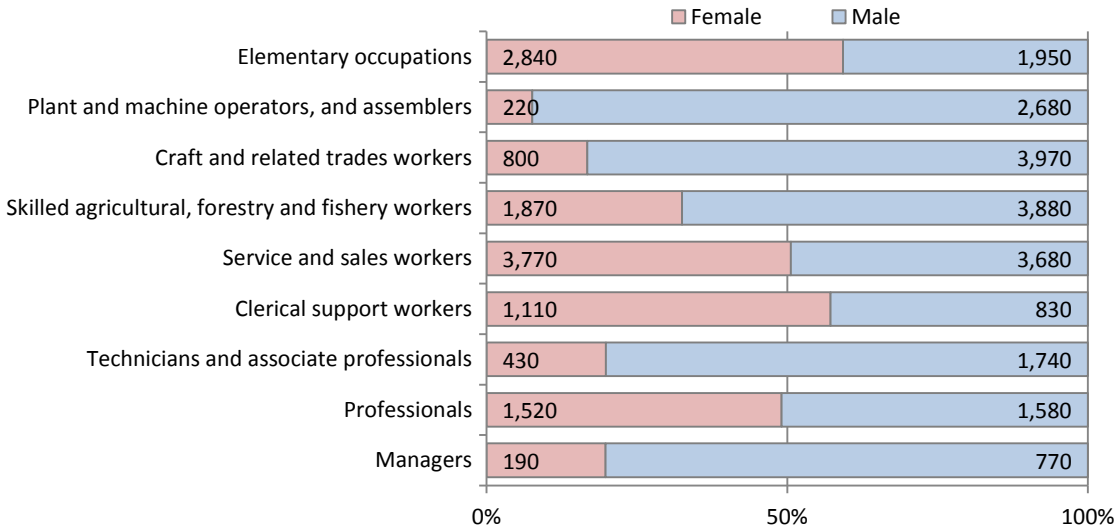
Deriving averages for wages and salaries is problematic because of relatively high rates of non-response to the wages and drawings questions, differing hours worked, pay rates for length of service and other allowances depending on a person's circumstances. It is also subject to relatively sample high error rates because of the relatively small number of people working for pay or profit in rural areas. This resulted in a few households in rural areas with very large business drawings 'pushing' the rural average monthly gross wages, salary and business drawings income higher than that in urban areas. For those people providing income information, male average gross monthly wage, salary and profit earnings were estimated at Vt 61,100 a month compared with Vt 42,200 a month for females: on average male gross income from pay or profit was 31% higher than that of females (Figure 6-4).

Average wage and salary income was generally higher than earnings from business or selling products, with some exceptions where business operators were drawing down higher average incomes than wages and salaries in Shefa including Port Vila, Malampa and Luganville. Tables in Chapter 2 contain information about the

number of working persons and average monthly income (2-8 and 2-9, as well as income from wages and salaries).

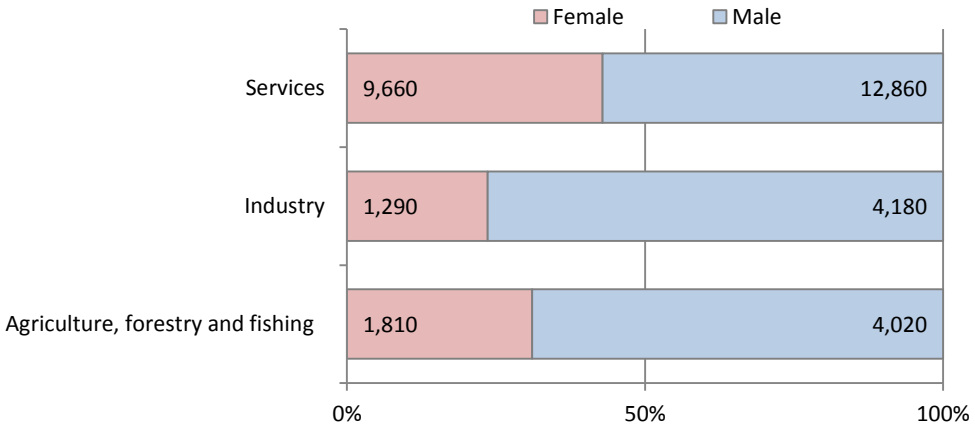
Of those working for pay or profit, 7,450 people's occupation group was "service workers and sales workers" which is generally people working in stores, restaurants, hotels etc, followed by 5,750 skilled agricultural workers, 4,790 "elementary occupation workers" and 4,770 craft and related workers. Only in three occupation groups –elementary occupations, clerical workers and service and sales workers – did women outnumber men. However there were almost the same number of women as men in the professional's occupation group which includes teachers and nurses. "Elementary occupations" includes women working as domestic servants and market vendors (Figure 6-5).

Figure 6-5 Occupation group and sex of persons aged 10 years and over working for pay or profit, 2010 HIES



Of those working for pay or profit, the largest industry group in terms of number employed was "public administration and defence" which employed 2,610 males and 1,870 females; followed by agriculture, forestry and fishing with 3,890 workers (Figure 6-6). If those working in the garden or subsistence workers were included, the agriculture sector would increase by 59,090.

Figure 6-6 Broad industry group and sex of persons aged 10 years and over working for pay or profit, 2010 HIES



The proportion of women working for wages or salaries in non-agricultural industries is a Millennium Development Goal indicator. When derived from the 2010 HIES, 88% of women working for wages or salaries worked in non-agricultural industries. However, of these women working outside agriculture, 14% worked in private households as domestic servants; most of which would have had none or very limited social protection and formal employment agreements.

Statistical tables

Table 6-1 Age group and sex of persons aged 10 years and over, region, 2010 HIES

	Rural			Urban			
Age group	Male	Female	Total	Male	Female	Total	Vanuatu
10–14	13,340	11,510	24,860	3,660	2,740	6,400	31,250
15–19	7,750	7,520	15,260	3,180	3,530	6,720	21,980
20–24	5,930	7,280	13,210	3,610	3,800	7,420	20,630
25–29	5,720	6,840	12,560	2,960	3,300	6,260	18,820
30–34	6,460	6,780	13,230	2,670	2,200	4,880	18,110
35–39	6,190	6,450	12,640	2,060	2,370	4,430	17,070
40–44	5,140	4,490	9,640	2,040	2,010	4,040	13,680
45–49	4,010	4,310	8,320	1,650	1,270	2,930	11,240
50–54	3,330	3,270	6,600	1,310	1,010	2,320	8,920
55–59	2,780	2,490	5,270	930	780	1,710	6,980
60–64	2,010	1,840	3,850	520	430	950	4,800
65+	4,030	3,180	7,210	630	440	1,070	8,280
Total	**66,700**	**65,950**	**132,650**	**25,230**	**23,880**	**49,110**	**181,760**

Table 6-2 Age group, sex and whether worked in last 30 days, region, 2010 HIES

	Rural				Urban				
Age group	Worked	Did not work	Not stated	Total	Worked	Did not work	Not stated	Total	Vanuatu
Total	**75,940**	**56,420**	**280**	**132,650**	**21,700**	**27,290**	**120**	**49,110**	**181,760**
10–14	2,450	22,340	70	24,860	90	6,290	20	6,400	31,250
15–19	5,900	9,330	40	15,260	940	5,740	30	6,720	21,980
20–24	8,310	4,870	40	13,210	2,910	4,490	20	7,420	20,630
25–29	9,350	3,190	10	12,560	3,850	2,380	20	6,260	18,820
30–39	19,880	5,970	30	25,880	6,300	3,010		9,310	35,180
40–49	14,100	3,830	30	17,950	4,590	2,370	10	6,970	24,920
50–59	8,990	2,860	20	11,870	2,350	1,670	10	4,030	15,900
60+	6,970	4,040	50	11,060	670	1,330	20	2,020	13,080
Male	*40,240*	*26,340*	*120*	*66,700*	*12,950*	*12,210*	*70*	*25,230*	*91,920*
10–14	1,230	12,080	40	13,340	60	3,590		3,660	17,000
15–19	3,160	4,560	20	7,750	490	2,670	20	3,180	10,930
20–24	4,000	1,920	10	5,930	1,470	2,130	10	3,610	9,550
25–29	4,450	1,260		5,720	2,060	880	20	2,960	8,680
30–39	10,660	1,970	30	12,650	3,870	870		4,730	17,380
40–49	7,610	1,540		9,150	2,950	740		3,690	12,840
50–59	5,030	1,070	10	6,110	1,520	710	10	2,240	8,350
60+	4,080	1,940	10	6,040	540	610		1,150	7,190
Female	*35,710*	*30,080*	*170*	*65,950*	*8,750*	*15,080*	*50*	*23,880*	*89,840*
10–14	1,220	10,260	30	11,510	20	2,700	20	2,740	14,250
15–19	2,730	4,760	20	7,520	450	3,070	10	3,530	11,050
20–24	4,300	2,950	30	7,280	1,440	2,360	10	3,800	11,080
25–29	4,900	1,930	10	6,840	1,790	1,500		3,300	10,140
30–39	9,230	4,000		13,230	2,440	2,140		4,580	17,800
40–49	6,480	2,290	30	8,800	1,650	1,620	10	3,280	12,080
50–59	3,960	1,790	10	5,760	830	950		1,790	7,550
60+	2,880	2,100	40	5,020	120	720	20	860	5,880

Table 6-3 Population aged 10 years and over, sex and work force participation rate, percent of age group in region, 2010 HIES

	Labour force participation rate		
Age group	Rural	Urban	Vanuatu
Total	**59%**	**49%**	**56%**
10-19	22%	12%	20%
20-29	72%	59%	68%
30-39	78%	70%	76%
40-49	79%	68%	76%
50-59	76%	60%	72%
60+	63%	35%	59%
Male	*62%*	*58%*	*61%*
10-19	22%	13%	20%
20-29	78%	68%	74%
30-39	86%	86%	86%
40-49	84%	83%	84%
50-59	82%	69%	79%
60+	68%	49%	65%
Female	*56%*	40%	51%
10-19	23%	11%	20%
20-29	68%	52%	62%
30-39	71%	54%	67%
40-49	74%	51%	68%
50-59	69%	48%	64%
60+	48%	20%	45%

Table 6-4 Labour force status, main daily activity, sex and region, persons aged 10 years and over, 2010 HIES

		Region and sex						
		Rural			Urban			
Labour force status	Main activity	Male	Female	Total	Male	Female	Total	Vanuatu
Labour force	**Worked for pay**	6,580	3,460	10,030	10,940	6,970	17,920	27,950
	Business operator	1,200	690	1,890	1,540	880	2,420	4,310
	Volunteer	260	270	530	20	10	20	550
	Unpaid work	1,520	2,330	3,850	140	120	260	4,110
	Sell products	760	520	1,270	60	240	300	1,570
	Produce goods for own consumption	29,910	28,420	58,330	240	520	760	59,090
	Unemployed	1,120	960	2,080	1,610	750	2,360	4,440
	Not stated	20	20	40		20	20	60
Labour force total		*41,360*	*36,660*	*78,020*	*14,560*	*9,500*	*24,060*	*102,080*
Not in labour force	**Student**	13,250	12,010	25,270	5,340	4,280	9,630	34,890
	Retired	650	640	1,300	770	780	1,550	2,850
	Disability	590	550	1,140	300	320	620	1,760
	Didn't want to work	2,790	1,600	4,390	1,480	1,450	2,930	7,320
	Household work	4,780	11,210	15,980	1,120	6,130	7,250	23,230
	Others	2,070	2,060	4,130	920	580	1,500	5,630
	Not stated	1,080	1,050	2,130	670	780	1,450	3,580
Non-labour force total		*25,220*	*29,120*	*54,340*	*10,600*	*14,330*	*24,930*	*79,270*
Total		**66,580**	**65,790**	**132,370**	**25,160**	**23,830**	**48,990**	**181,360**

Note that the 400 people who did not answer the question on whether they worked in the last 30 days have not been included in this table.

Table 6-5 Province and number of persons working for pay or profit aged 10 years and over, 2010 HIES

Province	Persons working for pay, profit or subsistence				
	Work for pay	Business operators	Sell products	Subsistence	Total
Rural	**10,030**	**1,890**	**1,270**	**58,330**	**71,520**
Torba	310	40		4,260	4,610
Sanma	1,550	520	580	11,960	14,600
Penama	1,060	150	120	12,360	13,690
Malampa	1,240	170	80	15,280	16,780
Shefa	5,240	950	470	4,380	11,050
Tafea	630	50	20	10,090	10,790
Urban	**17,920**	**2,420**	**300**	**760**	**21,400**
Luganville	3,780	600	100	390	4,860
Port Vila	14,140	1,820	200	370	16,540
Vanuatu	**27,950**	**4,310**	**1,570**	**59,090**	**92,920**

Table 6-6 Province and number of households with number of persons working for pay or profit aged 10 years and over, 2010 HIES

Province	Persons working for pay or profit					
	None	1	2	3	4 or more	Total
Rural	*29,360*	*5,870*	*1,850*	*270*	*230*	*37,580*
Torba	1,550	160	60			1,770
Sanma	5,150	1,430	300	30	50	6,960
Penama	5,790	810	210			6,800
Malampa	7,370	1,040	170	10		8,590
Shefa	3,290	1,850	1,080	210	180	6,620
Tafea	6,210	580	40	10		6,840
Urban	*1,040*	*5,090*	*3,970*	*1,340*	*560*	*11,990*
Luganville	320	1,340	790	170	30	2,650
Port Vila	730	3,750	3,180	1,170	520	9,340
Vanuatu	**30,410**	**10,950**	**5,820**	**1,610**	**790**	**49,580**

Note: excludes those households which did not provide income.

Table 6-7 Province, work status of working persons aged 10 years and over, and average monthly income from work (gross), 2010 HIES

Province	Type of work and average monthly income (gross)			
	Work for wages/salary	Business operators	Sell products	Total
Rural	*46,100*	*203,000*	*32,500*	*67,300*
Torba	44,200	27,600		42,300
Sanma	44,200	38,400	24,000	38,700
Penama	38,000	18,000	19,000	33,900
Malampa	40,600	86,400	18,200	44,700
Shefa	51,200	360,300	49,400	95,300
Tafea	33,900	21,300	23,000	32,700
Urban	*45,200*	*50,800*	*21,400*	*45,500*
Luganville	36,500	37,500	11,300	36,100
Port Vila	47,500	55,100	26,200	48,100
Vanuatu	45,500	117,500	30,400	54,000

Table 6-8 Province, work status of working persons aged 10 years and over, and average monthly income from work (net), 2010 HIES

Province	Type of work and average monthly income (net)			
	Work for wages/salary	Business operators	Sell products	Vanuatu
Rural	*43,600*	*193,300*	*30,900*	*63,800*
Torba	40,300	27,400		38,800
Sanma	42,600	34,900	22,600	36,700
Penama	36,000	16,800	19,000	32,200
Malampa	38,700	81,300	16,700	42,400
Shefa	48,700	344,400	47,100	90,900
Tafea	28,000	18,200	22,000	27,200
Urban	*42,900*	*49,500*	*20,900*	*43,300*
Luganville	34,100	35,000	10,600	33,800
Port Vila	45,200	54,200	25,900	46,000
Vanuatu	**43,100**	**112,600**	**29,000**	**51,300**

Table 6-9 Province, number of persons per household working for pay or profit aged 10 years and over, and average monthly income (gross), 2010 HIES

Province	Persons working for pay or profit					
	None	1	2	3	4 or more	Total
Rural	*62,700*	*82,800*	*221,900*	*540,700*	*447,600*	*79,500*
Torba	61,500	91,600	100,300	141,500	170,300	65,800
Sanma	84,500	98,900	203,300	170,300	242,600	94,000
Penama	64,100	78,400	128,200			67,700
Malampa	55,600	84,700	109,000	77,600		60,200
Shefa	61,800	76,100	274,700	659,100	508,800	131,800
Tafea	52,400	64,500	57,500	97,900		53,500
Urban	*37,100*	*67,300*	*114,300*	*159,500*	*217,400*	*97,500*
Luganville	27,400	58,000	104,900	127,300	155,800	74,100
Port Vila	41,300	70,500	116,700	164,200	221,300	104,100
Vanuatu	**61,800**	**75,600**	**148,500**	**223,800**	**285,100**	**83,800**

Note: excludes those households which did not provide income.

Table 6-10 Occupation group, average monthly wage and salary income (gross), region and sex, 2010 HIES

Occupation Group	Average monthly income from pay or profit (gross)				
	Rural	Urban	Vanuatu	Males	Females
Managers	698,300	85,200	258,800	226,700	384,900
Professionals	49,300	68,100	57,500	61,100	53,900
Technicians and associate professionals	50,400	69,400	63,800	66,800	51,700
Clerical support workers	43,800	60,600	55,600	65,800	48,000
Service and sales workers	37,600	41,000	39,900	47,100	32,900
Skilled agricultural, forestry and fishery workers	68,700	40,300	56,800	67,100	35,300
Craft and related trades workers	51,600	37,000	40,900	40,900	40,700
Plant and machine operators, and assemblers	99,700	46,400	66,200	69,900	23,000
Elementary occupations	33,600	27,500	29,900	33,300	27,600
Total	**67,300**	**45,500**	**54,000**	**61,100**	**42,200**

Note: includes only those persons stating their gross wages & salaries working for pay or profit.

Table 6-11 Industry group, average monthly gross wage and salary income, region and sex, 2010 HIES

Industry of employer	Average monthly wage and salary income (gross)				
	Rural	Urban	Vanuatu	Males	Females
Agriculture, forestry and fishing	***36,900***	***42,100***	***39,200***	***40,700***	***35,700***
Mining & quarrying	31,800	61,600	48,800	57,900	38,800
Manufacturing	314,400	42,100	133,100	202,000	45,300
Electricity, gas and air conditioning supply	36,400	37,300	37,100	31,300	53,000
Water supply; sewerage, waste management & remediation activities		21,000	21,000	21,000	
Construction	36,000	39,000	38,200	38,300	36,800
Industry	**113,100**	**42,900**	**65,300**	**72,500**	**42,000**
Wholesale & retail trade; repair of motor vehicles & motorcycles	31,900	31,400	31,600	33,200	30,100
Transportation & storage	47,400	51,500	50,200	51,300	40,400
Accommodation & food service activities	144,200	35,900	63,100	91,100	32,000
Information and communication	38,000	52,000	48,600	58,100	25,500
Financial & insurance activities	32,500	64,800	57,000	60,300	53,200
Real estate activities	44,800	51,900	50,800	51,300	48,100
Professional, scientific & technical activities	1,585,000	81,000	321,800	331,400	304,400
Administrative & support service activities	43,900	46,300	45,600	54,000	29,400
Public administration & defence; compulsory social security	47,800	68,500	58,700	67,000	47,100
Education	76,700	63,200	70,600	70,200	70,800
Human health & social work activities	64,400	45,700	51,300	53,500	47,000
Arts, entertainment & recreation	40,700	44,700	43,100	43,700	42,400
Other service activities	28,200	55,300	40,900	36,800	48,600
Services	**74,700**	**49,000**	**58,200**	**65,900**	**46,700**
Activities of households as employers	31,200	24,000	26,800	24,400	27,900
Activities of extraterritorial organisations and bodies	52,900	118,600	83,700	126,200	19,600
Total	**67,300**	**45,500**	**54,000**	**61,100**	**42,200**

Note: average based on those persons stating their gross wages & salaries working for pay or profit only.

Table 6-12 Unemployed persons aged 10 years and over and period looking for a job, region and sex, 2010 HIES

Period looking for job	Rural			Urban			Vanuatu
	Male	Female	Total	Male	Female	Total	
One week	30	20	50	140	120	250	300
One months	270	190	460	210	80	290	750
Three months	100	120	220	270	100	370	590
Six months	110	50	160	220	130	350	510
One year	490	500	990	550	260	810	1,800
Not stated	120	70	190	220	70	290	480
Total	**1,120**	**960**	**2,080**	**1,610**	**750**	**2,360**	**4,440**

Table 6-13 Age group and sex and labour force status, persons aged 10 years and over, Vanuatu, 2010 HIES

		Number of persons in the labour force & work status								Number of persons not in the labour force and reason for not working							
Sex	Age group	Work for Pay	Business Operators	Sell Products	Unpaid work	Subsistence	Unem-ployed	Not stated	Total	Student	Retired	Disabled	Don't want to work	Household work	Others	Not stated	Total
Male	**10–14**	130			110	1,050	80		1,370	12,790	90	90	570	610	580	860	15,600
	15–19	700	40	40	240	2,640	430		4,080	4,410	20	100	920	680	360	310	6,810
	20–24	2,080	170	50	190	2,970	920		6,390	1,120		20	840	550	360	240	3,130
	25–29	2,460	350	90	290	3,320	610	10	7,120	130	10	40	400	710	170	70	1,540
	30–39	5,240	880	180	410	7,800	440	10	14,960	70	40	80	670	1,060	400	70	2,390
	40–49	4,480	610	150	260	5,070	200		10,750	30	130	90	430	940	440	40	2,090
	50–59	1,880	410	220	200	3,840	30		6,580	30	370	120	260	690	190	70	1,750
	60–64	310	90	30	90	1,290	20		1,820		210	50	90	240	110	10	710
	65+	250	190	70	140	2,170	20		2,840	20	550	290	90	410	370	70	1,810
Male Total		*17,530*	*2,740*	*830*	*1,930*	*30,150*	*2,750*	*20*	*55,910*	*18,600*	*1,420*	*880*	*4,270*	*5,890*	*2,980*	*1,740*	*35,830*
Female	**10–14**	50	10		100	1,060	60	10	1,300	11,050	50		380	470	310	650	12,900
	15–19	640	60	30	300	2,160	590		3,770	4,360	30	100	900	1,370	240	250	7,250
	20–24	1,750	160	60	450	3,320	540		6,280	640	10	90	530	2,790	430	290	4,770
	25–29	2,130	160	120	420	3,870	230		6,920	100	30	70	280	2,340	190	190	3,210
	30–39	3,100	370	210	640	7,330	180	10	11,840	70	100	90	270	4,890	390	150	5,960
	40–49	1,920	430	170	360	5,240	50		8,190	50	200	100	290	2,840	210	170	3,860
	50–59	760	280	130	220	3,400	30		4,830	20	310	60	210	1,640	380	80	2,710
	60–64	40	60	20	130	1,040	10		1,290		250	90	110	380	120		940
	65+	40	60	10	90	1,510	20	20	1,740		440	270	80	620	380	60	1,850
Female Total		*10,430*	*1,590*	*750*	*2,710*	*28,930*	*1,710*	*40*	*46,160*	*16,290*	*1,420*	*870*	*3,050*	*17,340*	*2,650*	*1,840*	*43,450*
Total		**27,950**	**4,310**	**1,570**	**4,660**	**59,090**	**4,440**	**60**	**102,080**	**34,890**	**2,850**	**1,760**	**7,320**	**23,230**	**5,640**	**3,580**	**79,270**

Note that the 400 people who did not answer the question on whether they worked in the last 30 days have not been included in this table.

Table 6-14 Age group and sex and labour force status, persons aged 10 years and over, Rural areas, 2010 HIES

		Number of persons in the labour force & work status								Number of persons not in the labour force and reason for not working							
Sex	Age group	Work for Pay	Business Operators	Sell Products	Unpaid work	Subsistence	Unemployed	Not stated	Total	Student	Retired	Disabled	Don't want to work	Household work	Others	Not stated	Total
Male	**10–14**	70			110	1,050	40		1,270	9,920	50	50	370	470	520	650	12,040
	15–19	250	10	40	230	2,630	120		3,280	2,820		60	600	580	220	170	4,450
	20–24	730	90	50	150	2,970	390		4,390	380			490	450	130	90	1,530
	25–29	720	80	90	240	3,310	220	10	4,670	60	10	20	220	580	100	60	1,050
	30–39	1,990	400	160	380	7,720	250	10	10,900	30	10	40	470	860	290	20	1,720
	40–49	1,930	280	110	250	5,040	90		7,710	10	30	50	320	700	300	40	1,450
	50–59	680	180	200	200	3,780	10		5,040	30	90	90	180	560	90	20	1,060
	60–64	70	30	30	90	1,270			1,480		140	30	70	180	90	10	530
	65+	130	120	70	130	2,150	10		2,610		330	240	80	390	350	30	1,410
Male Total		*6,580*	*1,200*	*760*	*1,780*	*29,910*	*1,120*	*20*	*41,360*	*13,250*	*650*	*590*	*2,790*	*4,780*	*2,070*	*1,080*	*25,220*
Female	**10–14**	40			100	1,060	40	10	1,250	8,870	10		210	360	270	510	10,230
	15–19	260	20	30	300	2,120	390		3,120	2,670	10	80	380	940	160	140	4,380
	20–24	480	60	50	420	3,280	230		4,530	310	10	40	230	1,740	290	90	2,720
	25–29	560	60	70	410	3,810	110		5,010	90		30	110	1,390	100	100	1,820
	30–39	1,230	90	150	610	7,140	140	10	9,370	40	50	40	200	3,130	300	80	3,860
	40–49	630	240	130	350	5,130	30		6,510	30	100	60	150	1,690	170	70	2,260
	50–59	210	150	70	200	3,330			3,960	10	80	40	150	1,170	330	10	1,790
	60–64	20	30	10	120	1,040	10		1,230		100	40	90	270	100		600
	65+	20	30	10	90	1,510	10		1,680		290	220	80	510	340	40	1,470
Female Total		*3,460*	*690*	*520*	*2,600*	*28,420*	*960*	*20*	*36,660*	*12,010*	*640*	*550*	*1,600*	*11,210*	*4,130*	*1,050*	*29,120*
Total		**10,030**	**1,890**	**1,270**	**4,380**	**58,330**	**2,080**	**40**	**78,020**	**25,270**	**1,300**	**1,140**	**4,390**	**15,980**	**4,130**	**2,130**	**54,340**

Table 6-15 Age group and sex and labour force status, persons aged 10 years and over, Urban areas, 2010 HIES

		Number of persons in the labour force & work status								Number of persons not in the labour force and reason for not working							
Sex	Age group	Work for Pay	Business Operators	Sell Products	Unpaid work	Subsistence	Unemployed	Not stated	Total	Student	Retired	Disabled	Don't want to work	Household work	Others	Not stated	Total
Male	**10–14**	60					30		100	2,870	40	40	190	130	60	210	3,560
	15–19	440	20		10	10	310		800	1,600	20	40	320	100	140	140	2,360
	20–24	1,350	80		40		530		2,000	740		20	350	110	230	150	1,600
	25–29	1,730	260		50	10	390		2,450	70		20	190	130	80	20	490
	30–39	3,250	480	20	30	80	190		4,060	30	30	30	200	200	110	60	670
	40–49	2,550	330	30	10	30	100		3,050	20	100	40	110	240	140		640
	50–59	1,200	230	20	10	60	20		1,540		280	30	80	140	110	50	690
	60–64	240	60			20	20		340		70	20	20	60	20		180
	65+	120	70		10	20	10		230	20	230	50	20	20	30	40	400
Male Total		*10,940*	*1,540*	*60*	*160*	*240*	*1,610*		*14,560*	*5,340*	*770*	*300*	*1,480*	*1,120*	*920*	*670*	*10,600*
Female	**10–14**	20	10				20		50	2,180	40		170	100	40	140	2,680
	15–19	380	30			40	200		650	1,700	20	20	520	430	80	110	2,870
	20–24	1,270	100	10	30	40	310		1,750	320		50	300	1,040	130	190	2,040
	25–29	1,570	100	50	10	60	120		1,910	20	30	40	170	950	90	90	1,390
	30–39	1,870	280	70	30	190	40		2,470	30	50	50	70	1,760	90	60	2,100
	40–49	1,290	190	40	10	120	20		1,670	20	100	40	150	1,150	40	100	1,600
	50–59	550	130	60	20	70	30		860	10	240	20	60	480	50	60	920
	60–64	20	20	10	10				70		150	50	20	100	10		340
	65+	20	20				10	20	60		150	50		110	40	20	370
Female Total		*6,970*	*880*	*240*	*120*	*520*	*750*	*20*	*9,500*	*4,280*	*780*	*320*	*1,450*	*6,130*	*580*	*780*	*14,330*
Total		**17,920**	**2,420**	**300**	**260**	**760**	**2,360**	**20**	**24,060**	**9,630**	**1,550**	**620**	**2,930**	**7,250**	**1,500**	**1,450**	**24,930**

Table 6-16 Work status, occupation group, region and sex of persons aged 10 years and over, 2010 HIES

Employment status	Occupation major group	Rural			Urban			Vanuatu
		Male	Female	Total	Male	Female	Total	
Work for pay or profit	Managers	250	20	270	520	170	680	950
	Professionals	900	840	1,740	680	680	1,370	3,110
	Technicians and associate professionals	530	110	630	1,210	320	1,530	2,160
	Clerical support workers	310	270	580	520	840	1,360	1,940
	Service and sales workers	1,230	1,130	2,370	2,450	2,640	5,090	7,450
	Skilled agricultural, forestry and fishery workers	2,270	1,070	3,340	1,610	800	2,410	5,750
	Craft and related trades workers	980	300	1,280	2,990	500	3,490	4,770
	Plant and machine operators, and assemblers	1,000	80	1,080	1,680	140	1,820	2,900
	Elementary occupations	1,060	850	1,910	890	1,990	2,880	4,790
Total working for pay/profit		*8,530*	*4,670*	*13,200*	*12,550*	*8,090*	*20,640*	*33,840*
Work in the garden/subsistence		29,910	28,420	58,330	240	520	760	59,090
Unpaid/voluntary work worker		1,780	2,600	4,380	160	120	280	4,660
Not stated		20	20	40		20	20	60
Total		**40,240**	**35,710**	**75,940**	**12,950**	**8,750**	**21,700**	**97,650**

Table 6-17 Work status, broad industry group, region and sex of persons aged 10 years and over, 2010 HIES

Employment status	Industry group	Rural			Urban			Vanuatu
		Male	Female	Total	Male	Female	Total	
Work for pay or profit	Agriculture, forestry and fishing	2,200	1,040	3,250	1,820	770	2,590	5,840
	Industry	1,270	480	1,750	2,910	810	3,720	5,470
	Services	5,050	3,150	8,200	7,810	6,510	14,330	22,530
Total working for pay/profit		*8,530*	*4,670*	*13,200*	*12,550*	*8,090*	*20,640*	*33,840*
Work in the garden/subsistence		29,910	28,420	58,330	240	520	760	59,090
Unpaid/voluntary work worker		1,780	2,600	4,380	160	120	280	4,660
Not stated		20	20	40		20	20	60
Total		**40,240**	**35,710**	**75,940**	**12,950**	**8,750**	**21,700**	**97,650**

Chapter 7. Household income from agriculture and homemade items

Concepts and definitions

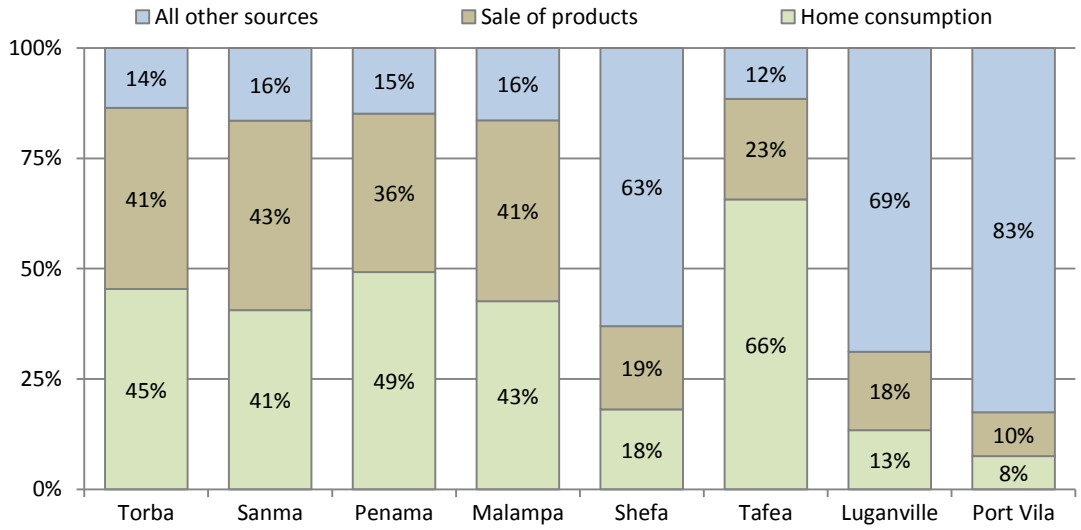
This section provides detailed information on household income from the sale of agriculture, livestock, fishing and other home made products. Income is based on net sales, derived from total sales or gross earning less expenses (labour, materials, transport etc). This chapter looks at household income derived from household entrepreneurial activities in both urban and rural areas and how these differ. It contains a summary of the income household's derive from the consumption of the food and other goods produced in the home – so called subsistence activities.

There are certain factors that affect the quality of this type of information, particularly the period when the survey was contacted and the seasonal nature of some agricultural activities, and other issues relating to the "last 30 days" response period of the questions and the irregular nature of household income generating activities. The primary focus will be on income generated from household sales of cash crops, livestock, fishing and other home made products.

Results

In all rural areas except rural Shefa over three-quarters of household income was derived from household activities from subsistence and the sale of agricultural, forestry and fisheries produce and other home produced items like bread, processed kava etc. Rural Shefa, Luganville and Port Vila have higher proportions of household income from other sources, mostly wages and salaries (Figure 7-1).

Figure 7-1 Source of household income from household production and other sources, 2010 HIES



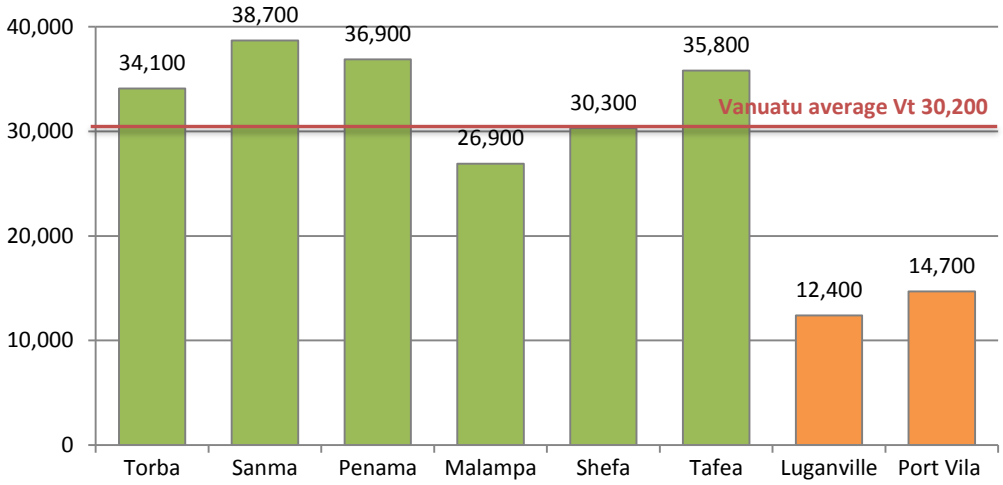
Home produced and consumed goods – so called "subsistence"

The value of the goods produced and consumed in the home – called subsistence or home consumption – is included in both household income and expenditure. It is income because the good produced has a value and contributes to the resources of the household. It is expenditure as well because the goods produced are consumed.

The HIES estimated the total monthly value of subsistence production to be 1,264 million Vatu; representing one third (33%) of total household expenditure. In rural areas the value of goods produced and consumed by households was 44% of total household expenditure at 1,164 million Vatu. In terms of household income, 39%

of income in rural households came from subsistence production and another 32% was from the sale of agricultural and other home made products: effectively rural households produce 71% of their income.

Figure 7-2 Average monthly household income and expenditure from home consumption, province, 2010 HIES



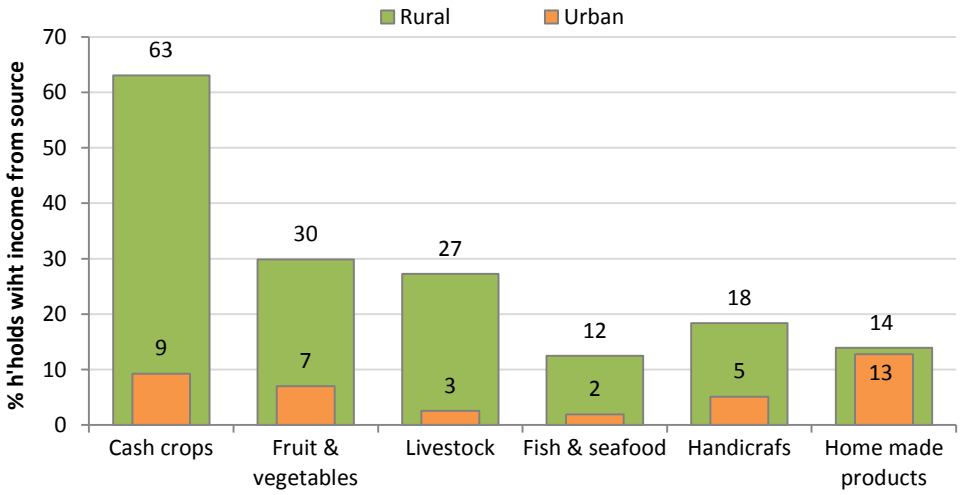
Households had higher than the national average monthly home consumption income of Vt 30,200 in Sanma (rural), Penama, Tafea, Torba and Shefa. In Malampa home consumption contributes 43% to household incomes but the average amount is lower than the other rural provinces (Figure 7-2).

Food items account for 89% of the total value of home produced and consumed items. The next most significant group is household operations of which firewood is the main item representing 8% of the value of home consumption, followed by tobacco, alcohol and kava of which kava is the main item at 3%.

Agriculture, livestock, fishing and other home manufacturing products

The majority of the income from the sale of agriculture, livestock, fishing and other home manufactured items captured in the HIES was in rural areas, with 72% households in rural areas and 28% in urban areas. Rural households were very active in the sale of commodities; and these represented a significant source of income for them. Overall 63% of rural households had sold cash crops and 13% of all urban households had sold home made products like bread (Figure 7-3).

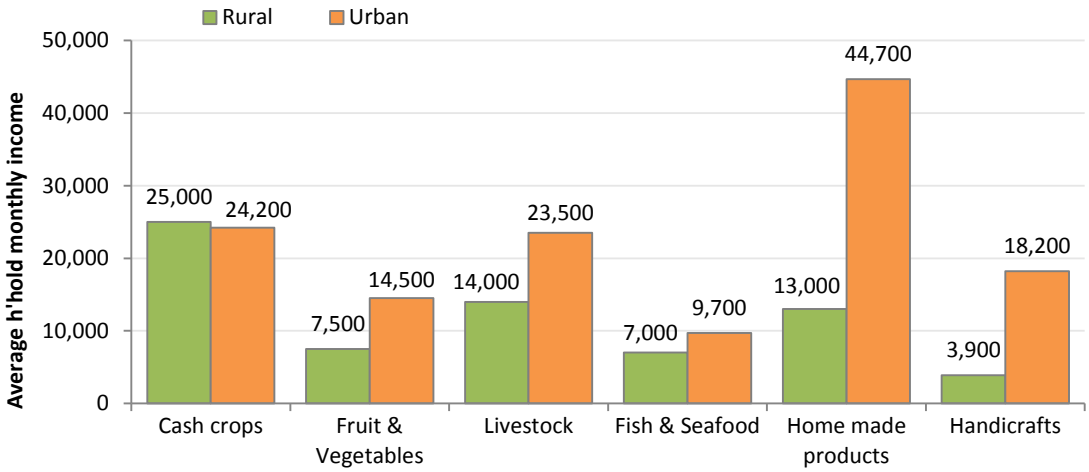
Figure 7-3 Percent of households with income from sale of agriculture and other home produced goods, rural and urban areas, 2010 HIES



Monthly income received by households from the sales of agricultural livestock, forestry, fishing and other home manufactured products was a significant source of income to household in rural and urban areas. It was estimated that the average monthly income was Vt 83,800 for Vanuatu, Vt 97,500 in urban areas and Vt 79,500 in rural areas. In rural areas 63% of households had income from the sale of cash crops and 30% had income from the sale of fruit and vegetables: horticultural activities contributed made a significant contribution to rural incomes. Homemade or manufactured products include processed kava, local bread, coconut oil and so on and the proportion of urban and rural households with income from this source was similar at around 13%.

Average incomes from all home produced commodities except for cash crops were higher in urban areas than rural ones, perhaps because these were not abundant commodities in urban areas; people in urban areas are able to charge higher prices for products due to market demand in urban areas (such as handicrafts); or some other dynamics in market pricing and demand (Figure 7-4).

Figure 7-4 Average household income and the type of commodity sold, 2010 HIES



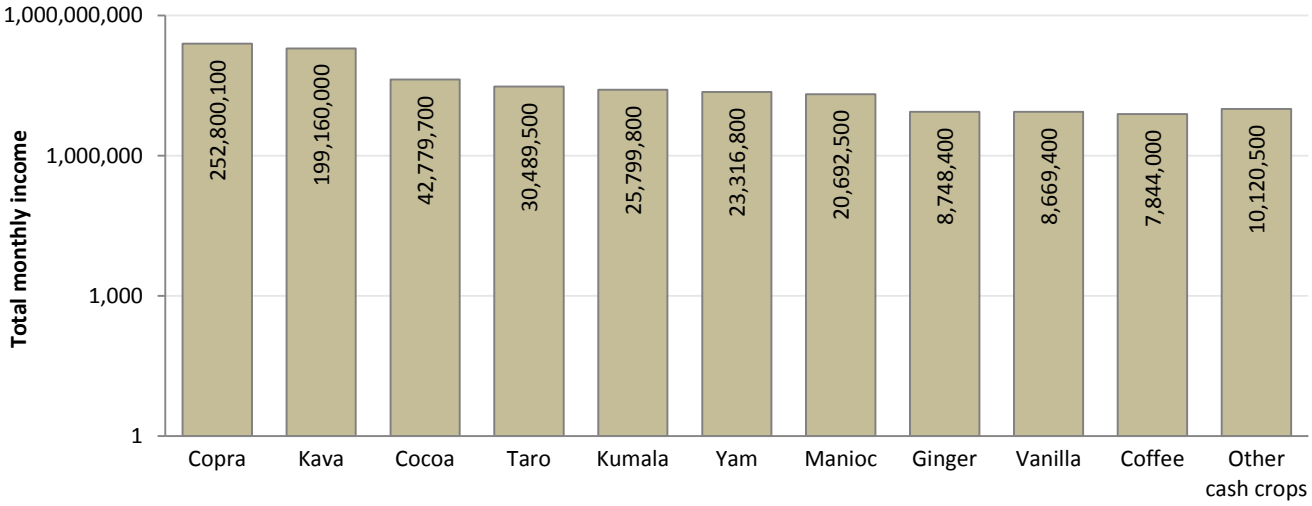
Not only did cash crops generate a significant average household total income, these also provided the largest contribution to total income from sale activities. It is interesting to note that the average household income from the sale of livestock was significant in urban areas, which reflects urban household's management of rural livestock enterprises and perhaps the higher market prices for livestock in urban areas compared to rural ones.

Income from the sale of cash crops

The 2010 HIES estimated the total household monthly income generated from the sale of cash crops to be 630 million Vatu, an average of 32,700 Vatu per household selling cash crops. Copra was the most common commodity sold by households, and it contributed 40% of cash crop income, perhaps reflecting the sale price for copra at the time of the HIES which was relatively high (Figure 7-5). Kava was the second most important cash crop, accounting for 32% of cash crop sales value, followed by cocoa 7% and taro 5%, while the other cash crops made up less than 5% each contributing as a source of household income.

It is important to bear in mind that some of these cash crops are seasonal, like coffee and vanilla, and the actual income from sales might not be reflected in the HIES data as it was conducted in the last quarter of 2010.

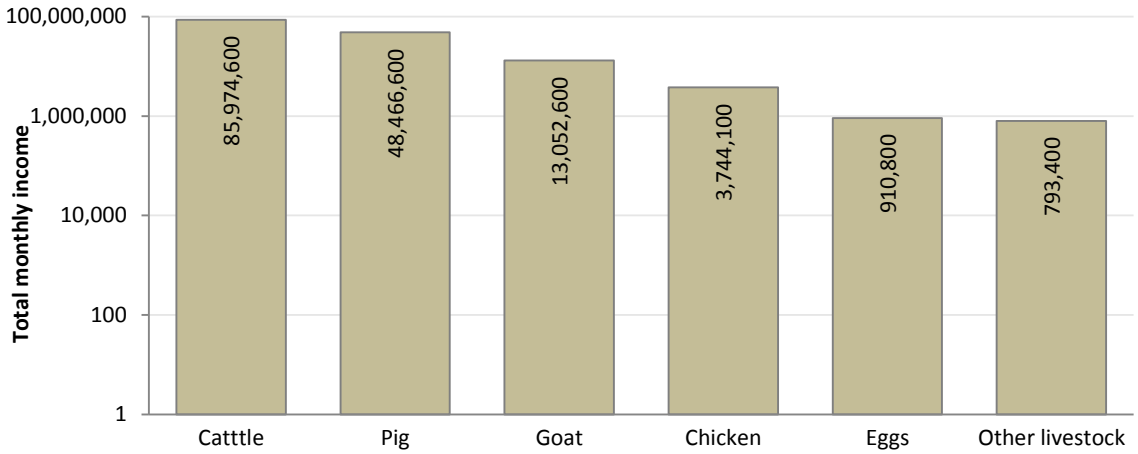
Figure 7-5 Total monthly income from the sale of cash crops, type of crop, 2010 HIES



Income from the sale of livestock

The 2010 HIES estimated that total monthly household income from the sale of livestock was 153 million Vatu, an average of 14,200 Vatu per household per month. Cattle sales contributed to over half (56%) of livestock sales at 86 million Vatu, followed by the sale of pigs at almost one third of total livestock income (32%). percent, chicken 2%, eggs 1% and others make up less than one percent of the total value of sales (Figure 7-6). Households in rural Sanma generated the highest proportion of cattle sales at 38%. There were regional variations in other kind's livestock, with goats for example being a significant source of income for households in Tafea.

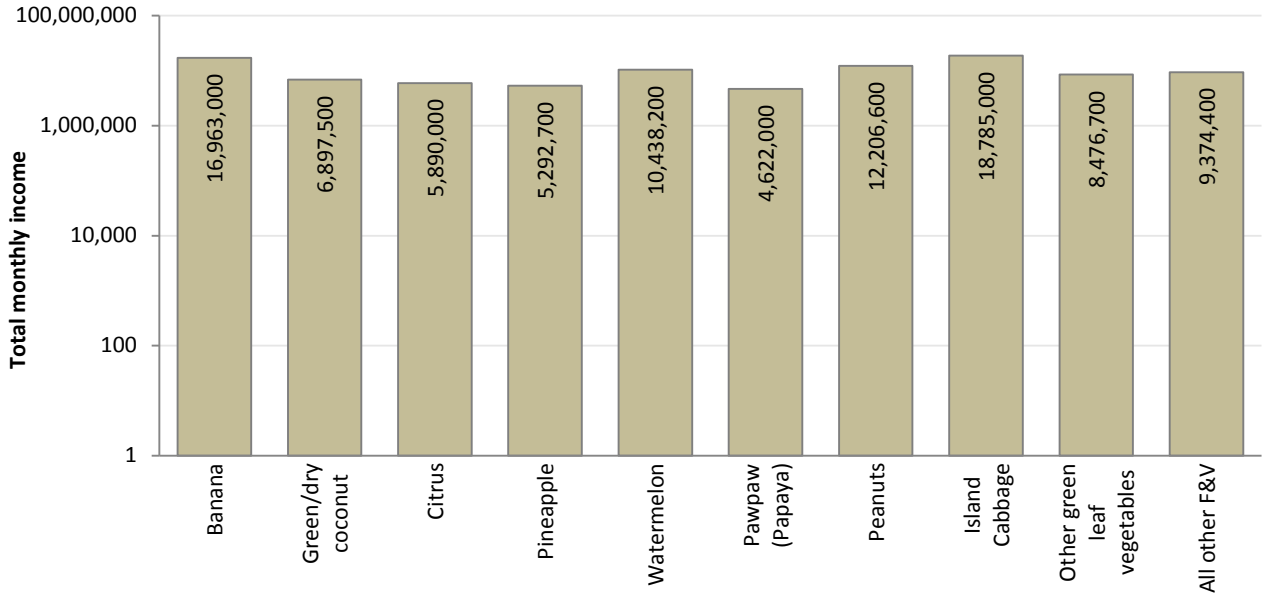
Figure 7-6 Total monthly income from the sale of livestock, type of product, 2010 HIES



Income from the sale of fruit and vegetables

The HIES estimates for income from these sources reflect the seasonal nature of fruit and vegetables with seasonal fruit such as pineapple and watermelon generating considerable income. The HIES estimates for the total income from the sale of fruit and vegetables was 99 million Vatu, an average of 8,000 Vatu per household per month. Island cabbage is the staple green leafy vegetable of Vanuatu and households earned 19 million Vatu a month from sales (Figure 7-7). Half or 50% of the income from the sale of fruit and vegetables was recorded in rural Shefa.

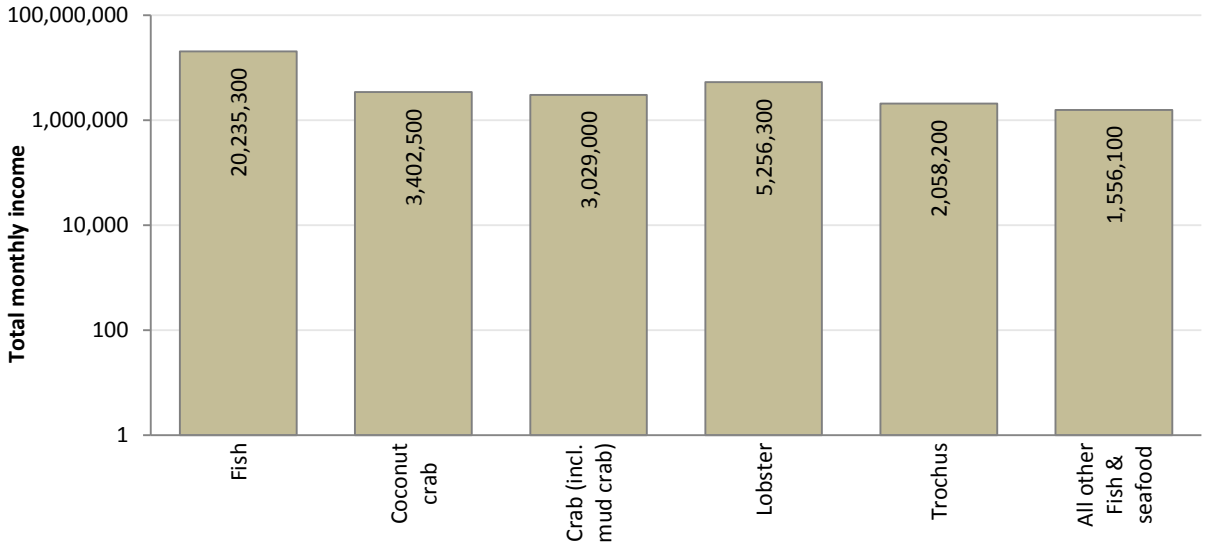
Figure 7-7 Total monthly income from the sale of fruit and vegetables (F&V), type of product, 2010 HIES



Income from the sale of fish and seafood

The HIES estimates for the total income from the sale of fish and seafood was 36 million Vatu, an average of 7,100 Vatu per household per month. The provinces of Tafea, Shefa (rural) and Torba had the highest proportion of income from the sale of fish and seafood, representing almost two-thirds (64%) of total income from the sale of fish and seafood. Fish sales amounted to just over 20 million Vatu, and all other seafood combined about another 15 million Vatu (Figure 7-8).

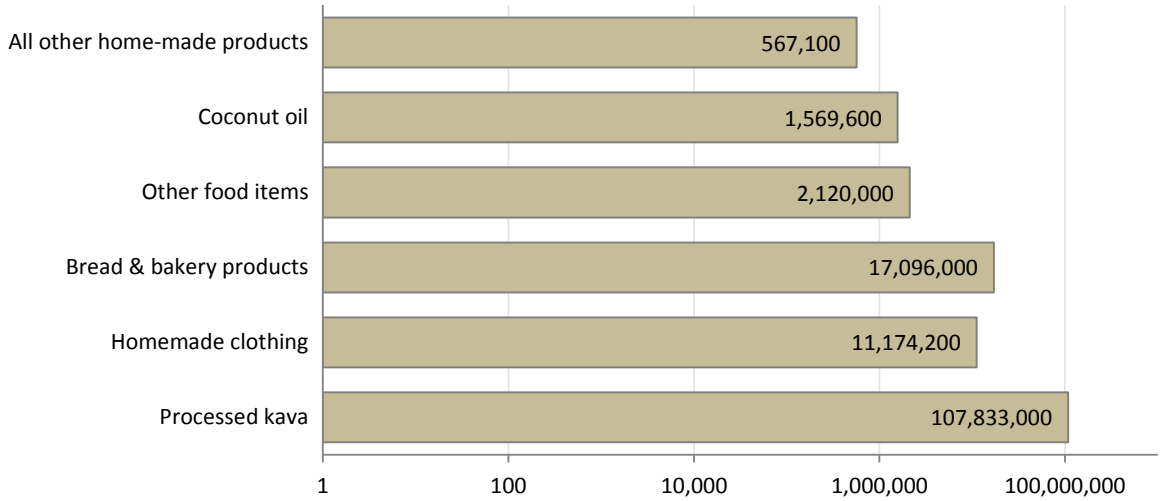
Figure 7-8 Total monthly income from the sale of fish and seafood, type of product, 2010 HIES



Income from the sale of home-made products

Home made products include the manufacturing activities of households in income generating activities like selling processing kava, clothing and apparel, bread and bakery products and coconut and other oils. The HIES estimates for the total income from the sale of home produced items was 140 million Vatu, an average of 20,300 Vatu per household per month. Households involved in processing kava averaged a monthly income of Vt 27,600 from sales with the highest average income of Vt 35,700 per household per month in rural Shefa. Kava was the main source of income for households processing or manufacturing items (Figure 7-9).

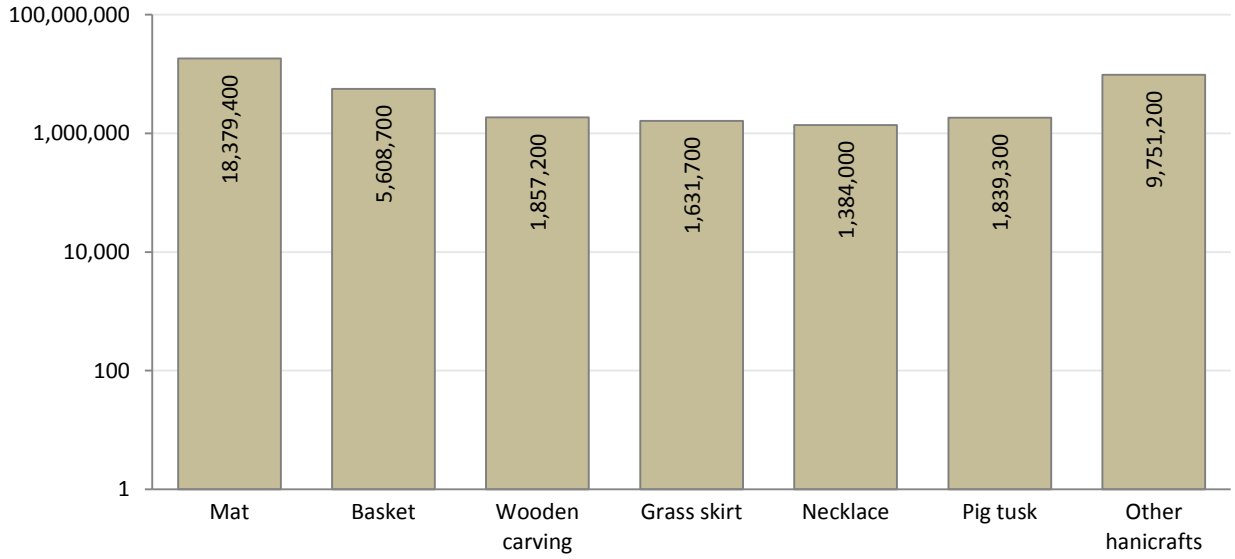
Figure 7-9 Total monthly income from the sale of home-made products, type of product, 2010 HIES



Income from the sale of handicrafts

The HIES estimates for the total income from the sale of handicrafts was 39 million Vatu, an average of 20,300 Vatu per household per month. Households involved in handicraft sales averaged a monthly income of Vt 5,000 from sales with the highest average income of Vt 20,800 per household per month in Port Vila.

Figure 7-10 Total monthly income from the sale of handicrafts, type of product, 2010 HIES



The main source of income for these items was the sale of woven products such as mats and baskets (Figure 7-10).

Statistical tables

Table 7-1 Households with home consumption (subsistence), value of subsistence consumption (month), 2010 HIES

Province	Home consumption value	H'holds with home consumption	% H'holds with home consumption expenditure	Average home consumption per month
Rural	*1,164,307,800*	*34,700*	*91*	*33,600*
Torba	52,903,300	1,550	87	34,100
Sanma	265,892,300	6,880	98	38,700
Penama	226,742,300	6,150	89	36,900
Malampa	220,425,500	8,190	94	26,900
Shefa	157,763,400	5,210	75	30,300
Tafea	240,581,000	6,710	98	35,800
Urban	*99,488,700*	*7,110*	*57*	*14,000*
Luganville	26,334,300	2,130	79	12,400
Port Vila	73,154,400	4,980	51	14,700
Vanuatu	**1,263,796,500**	**41,810**	**82**	**30,200**

Table 7-2 Value of home consumption (subsistence) and item group, month, province, 2010 HIES

Item group	Province										
	Torba	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Fruit	16,707,100	75,024,200	60,551,400	80,738,800	50,576,700	67,942,100	351,540,300	10,743,300	23,197,900	33,941,200	385,481,500
Vegetables	23,303,700	134,712,000	106,315,500	92,047,200	76,309,000	109,506,100	542,193,700	9,564,900	36,150,200	45,715,100	587,908,800
Meat & meat products	2,327,000	13,783,200	14,053,300	8,046,000	3,611,000	7,155,100	48,975,500	714,300	1,613,700	2,328,000	51,303,500
Poultry	724,600	7,332,300	10,726,600	6,566,500	3,908,500	7,177,300	36,435,800	648,400	1,884,000	2,532,400	38,968,200
Fish (incl. Shellfish)	3,964,300	10,605,600	9,567,600	7,686,300	7,103,000	11,411,200	50,337,900	1,206,300	2,314,500	3,520,800	53,858,700
Bread & biscuits	73,200	494,300	982,200	431,700	497,600	419,900	2,898,900	155,600	589,100	744,700	3,643,600
Dairy & milk products		1,100			2,100		3,200		7,300	7,300	10,500
Farm products, fats & oils	31,200	464,500	279,800	183,300	166,200	209,900	1,334,800	39,200	43,300	82,400	1,417,200
Non-alcoholic beverages	300	16,800	44,600	4,300	61,600		127,700	21,500	8,600	30,100	157,800
Sugar and confectionery	198,000	1,582,000	82,800	102,600	931,200	1,036,500	3,933,200	137,500	240,600	378,100	4,311,300
Other foods	172,800	86,200	71,800	27,900	12,100	1,900	372,700	3,400	51,300	54,700	427,400
Take-aways & food eaten outside the home		22,900	5,900		125,200	1,243,000	1,397,000	6,600	27,500	34,100	1,431,100
Major Group 1: Food Total	*47,502,300*	*244,125,000*	*202,681,600*	*195,834,700*	*143,304,100*	*206,102,900*	*1,039,550,500*	*23,241,000*	*66,128,100*	*89,369,100*	*1,128,919,700*
Household maintenance supplies	6,800	22,500	24,900	9,300	1,000	2,100	66,700	0		0	66,700
Construction of new dwellings	300	500	100	1,300			2,200				2,200
Major Group 2: Housing Total	*7,100*	*23,100*	*24,900*	*10,700*	*1,000*	*2,100*	*68,900*	*0*		*0*	*68,900*

Continued

Item group	Province										
	Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	Urban	Vanuatu
Household furniture	100						100				100
Household furnishings	600	7,300	55,500	60,100	7,300	14,200	145,100		13,400	13,400	158,400
Fuel & lighting	4,445,100	17,715,900	15,514,700	19,940,500	12,233,600	19,824,200	89,674,000	2,843,800	6,373,900	9,217,700	98,891,800
Major Group 3: Household Operation Total	*4,445,900*	*17,723,200*	*15,570,200*	*20,000,600*	*12,240,900*	*19,838,400*	*89,819,200*	*2,843,800*	*6,387,300*	*9,231,100*	*99,050,300*
Major Group 4: Clothing and Footwear Total		*1,700*		*23,500*	*300*		*25,500*	*1,800*	*160,600*	*162,400*	*187,900*
Tobacco	13,100	124,300	183,100	256,400	76,800	1,287,200	1,940,900	2,900	2,300	5,200	1,946,000
Alcohol and kava	884,700	3,886,600	8,151,800	4,289,500	2,106,000	13,342,700	32,661,300	242,300	476,200	718,500	33,379,700
Major Group 6: Tobacco & Alcohol Total	*897,800*	*4,010,800*	*8,334,800*	*4,545,900*	*2,182,800*	*14,629,900*	*34,602,100*	*245,200*	*478,500*	*723,600*	*35,325,800*
Medical, cosmetics & toiletries	44,900		21,200		28,600		94,700	2,400		2,400	97,100
Payment for misc. goods	5,200	8,500	109,500	10,100	5,800	7,700	146,800				146,800
Major Group 7: Miscellaneous Goods and Services Total	*50,100*	*8,500*	*130,700*	*10,100*	*34,300*	*7,700*	*241,500*	*2,400*		*2,400*	*243,900*

Table 7-3 Total monthly household income from the sale of agriculture, livestock, fishing and other products, province, 2010 HIES

Income source & income		Province									
		Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	Vanuatu
Total sales income	Total monthly income	47,856,400	280,681,800	165,457,000	212,032,400	164,260,400	83,109,100	953,397,200	34,936,200	96,634,400	**1,084,967,800**
	H'holds	1,490	5,340	5,680	7,500	4,620	5,240	29,870	770	2,570	**33,200**
	Average h'hold income	32,200	52,600	29,100	28,300	35,500	15,900	31,900	45,500	37,600	**32,700**
	% h'hold in activity	83	76	82	86	66	76	78	28	26	**65**
Cash Crops	Total monthly income	24,551,400	206,921,300	118,046,200	156,087,400	66,126,800	30,776,600	602,509,700	4,048,200	23,862,800	**630,420,700**
	H'holds	1,110	4,850	4,820	6,880	2,920	3,560	24,130	220	930	**25,280**
	Average h'hold income	22,200	42,700	24,500	22,700	22,600	8,600	25,000	18,200	25,700	**24,900**
	% h'hold in activity	62	69	70	79	42	52	63	8	10	**50**
Fruit & Vegetables	Total monthly income	1,318,700	14,379,800	4,806,700	8,211,100	49,612,400	7,958,700	86,287,400	796,200	11,862,500	**98,946,100**
	H'holds	520	1,770	2,000	2,060	2,810	2,270	11,430	130	740	**12,300**
	Average h'hold income	2,500	8,100	2,400	4,000	17,700	3,500	7,500	6,200	16,000	**8,000**
	% h'hold in activity	29.1	25.1	28.9	23.7	40.4	33.0	29.9	4.7	7.6	**24.3**
Livestock	Total monthly income	3,963,200	41,719,400	23,211,600	28,072,500	15,933,500	32,662,200	145,562,400	4,142,200	3,237,500	**152,942,100**
	H'holds	550	1,630	2,330	2,350	1,130	2,450	10,430	130	190	**10,740**
	Average h'hold income	7,200	25,600	10,000	12,000	14,100	13,400	14,000	32,300	17,400	**14,200**
	% h'hold in activity	30.9	23.1	33.6	27.1	16.2	35.5	27.3	4.7	1.9	**21.2**

Continued

Income source & income		Province									
		Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	Vanuatu
Fish and Seafood	Total monthly income	6,794,600	3,790,100	1,963,400	4,616,300	7,521,200	8,559,900	33,245,500	639,100	1,638,200	**35,522,800**
	H'holds	470	470	940	990	720	1,200	4,770	70	170	**5,000**
	Average h'hold income	14,600	8,100	2,100	4,700	10,500	7,200	7,000	9,600	9,700	**7,100**
	% h'hold in activity	26.0	6.6	13.5	11.4	10.3	17.4	12.5	2.5	1.7	**9.9**
Manufactured items	Total month ly income	10,652,300	12,372,000	11,969,400	9,149,100	22,639,300	2,551,300	69,333,500	22,604,400	48,422,000	**140,359,900**
	H'holds	600	860	1,020	1,380	920	540	5,320	340	1,260	**6,900**
	Average h'hold income	17,600	14,500	11,700	6,600	24,800	4,700	13,000	66,500	38,700	**20,300**
	% h'hold in activity	34	12	15	16	13	8	14	13	13	**14**
Handicrafts	Total monthly income	571,500	3,024,800	5,930,200	6,244,100	7,319,800	3,984,900	27,075,300	2,764,900	8,772,000	**38,612,200**
	H'holds	290	680	1,610	1,740	1,210	1,500	7,030	210	420	**7,660**
	Average h'hold income	1,900	4,400	3,700	3,600	6,100	2,700	3,900	13,100	20,800	**5,000**
	% h'hold in activity	16	10	23	20	17	22	18	8	4	**15**

Table 7-4 Monthly income from the sale of cash crops, province, 2010 HIES

Product group	Cash crop income	Province									
		Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	Vanuatu
Copra	**Total monthly income**	10,915,100	118,322,000	18,660,700	94,802,500	4,743,200	150,100	247,593,700	983,100	4,223,400	**252,800,100**
	Total h'holds	700	3,200	1,450	5,980	290	20	11,650	40	20	**11,710**
	Average h'hold income	15,500	37,000	12,800	15,800	16,200	7,200	21,200	22,100	250,000	**21,600**
	Population in h'holds	3,890	16,950	6,880	27,100	1,640	130	56,600	310	120	**57,020**
	% h'holds with income	39	45	21	69	4	0	30	2	0	**23**
	% Vanuatu income	4	47	7	38	2	0	98	0	2	**100**
Cocoa	**Total monthly income**	15,900	14,979,300	3,114,100	23,582,400	617,200		42,308,900	200,500	270,300	**42,779,700**
	Total h'holds	0	620	520	2,100	40		3,280	10	20	**3,300**
	Average h'hold income	4,000	24,200	6,000	11,200	17,600		12,900	18,000	16,000	**12,900**
	Population in h'holds	30	3,630	2,370	10,060	130		16,220	90	50	**16,360**
	% h'holds with income	0	9	7	24	1		9	0	0	**7**
	% Vanuatu income	0	35	7	55	1		99	0	1	**100**
Coffee	**Total monthly income**		83,400	71,100	149,600	1,151,400	6,388,500	7,844,000			**7,844,000**
	Total h'holds		10	10	30	30	440	520			**520**
	Average h'hold income		8,000	5,000	5,300	40,800	14,600	15,100			**15,100**
	Population in h'holds		30	60	150	150	2,330	2,720			**2,720**
	% h'holds with income		0	0	0	0	6	1			**1**
	% Vanuatu income		1	1	2	15	81	100			**100**

Continued

Product group	Cash crop income	Province									
		Torba	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Vanuatu**
Kava	**Total monthly income**	4,210,400	45,016,200	82,927,400	24,390,300	13,465,800	17,336,200	187,346,300	1,863,400	9,950,300	**199,160,000**
	Total h'holds	470	2,040	2,840	1,830	770	2,310	10,270	120	270	**10,660**
	Average h'hold income	9,000	22,000	29,200	13,300	17,400	7,500	18,200	15,900	36,800	**18,700**
	Population in h'holds	2,550	10,430	13,860	8,510	4,050	12,680	52,090	500	1,640	**54,230**
	% h'holds with income	26	29	41	21	11	34	27	4	3	**21**
	% Vanuatu income	2	23	42	12	7	9	94	1	5	**100**
Vanilla	**Total monthly income**	795,900	1,852,800	392,900	3,962,000	437,400	0	7,440,900	172,700	1,055,800	**8,669,400**
	Total h'holds	0	110	30	40	10	0	190	10	30	**230**
	Average h'hold income	200,000	16,900	14,300	100,300	38,000	0	38,800	31,000	31,300	**37,500**
	Population in h'holds	30	570	100	170	30	0	890	30	100	**1,030**
	% h'holds with income	0	2	0	0	0	0	1	0	0	**0**
	% Vanuatu income	9	21	5	46	5	0	86	2	12	**100**
Pepper	**Total monthly income**	398,000	1,662,200					2,060,100			**2,060,100**
	Total h'holds	0	60					70			**70**
	Average h'hold income	100,000	26,600					31,000			**31,000**
	Population in h'holds	30	370					400			**400**
	% h'holds with income	0	1					0			**0**
	% Vanuatu income	19	81					100			**100**
Ginger	**Total monthly income**	795,900	7,436,600		7,100	433,100	17,600	8,690,400	3,900	54,100	**8,748,400**
	Total h'holds	0	140		10	40	40	240	10	20	**260**
	Average h'hold income	200,000	52,400		500	11,000	400	36,100	700	3,200	**33,300**
	Population in h'holds	30	230		0	40	180	490	0	0	**490**
	% h'holds with income	0	1		0	0	0	0	0	0	**0**
	% Vanuatu income	9	85		0	5	0	99	0	1	**100**
Garlic	**Total monthly income**	1,591,800	76,300			44,300	77,200	1,789,600			**1,789,600**
	Total h'holds	0	40			10	30	90			**90**
	Average h'hold income	400,000	1,800			4,500	2,600	20,600			**20,600**
	Population in h'holds	30	230			40	180	490			**490**
	% h'holds with income	0	1			0	0	0			**0**
	% Vanuatu income	6	48			9	37	100			**100**

Continued

Product group	Cash crop income	Province									
		Torba	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Vanuatu**
Kumala	**Total monthly income**	2,627,100	2,597,700	508,300	1,882,400	13,564,400	1,538,300	22,718,300	300,800	2,780,700	**25,799,800**
(Sweet potato)	Total h'holds	190	890	360	660	1,200	810	4,120	30	370	**4,530**
	Average h'hold income	13,800	2,900	1,400	2,800	11,300	1,900	5,500	9,000	7,500	**5,700**
	Population in h'holds	1,010	4,500	1,580	3,080	6,380	3,840	20,390	220	2,080	**22,680**
	% h'holds with income	11	13	5	8	17	12	11	1	4	**9**
	% Vanuatu income	10	10	2	7	53	6	88	1	11	**100**
Yam	**Total monthly income**	487,300	5,678,700	3,559,100	4,328,600	7,746,500	977,400	22,777,500	176,000	363,200	**23,316,800**
	Total h'holds	90	670	570	1,030	840	490	3,680	40	30	**3,760**
	Average h'hold income	5,300	8,500	6,300	4,200	9,200	2,000	6,200	3,900	10,800	**6,200**
	Population in h'holds	500	3,580	2,600	4,220	4,580	2,310	17,780	290	200	**18,270**
	% h'holds with income	5	10	8	12	12	7	10	2	0	**7**
	% Vanuatu income	2	24	15	19	33	4	98	1	2	**100**
Taro	**Total monthly income**	2,566,400	5,019,900	8,270,200	1,045,000	8,098,400	3,262,400	28,262,400	128,100	2,099,000	**30,489,500**
	Total h'holds	280	1,150	1,860	660	990	1,440	6,380	30	390	**6,810**
	Average h'hold income	9,100	4,400	4,400	1,600	8,200	2,300	4,400	3,800	5,400	**4,500**
	Population in h'holds	1,500	5,940	8,600	2,960	5,610	7,350	31,960	210	2,150	**34,310**
	% h'holds with income	16	16	27	8	14	21	17	1	4	**13**
	% Vanuatu income	8	16	27	3	27	11	93	0	7	**100**
Manioc (Cassava)	**Total monthly income**	108,000	965,600	324,400	593,800	15,002,900	916,900	17,911,700	190,400	2,590,500	**20,692,500**
	Total h'holds	80	540	180	310	1,330	800	3,240	40	470	**3,760**
	Average h'hold income	1,300	1,800	1,800	1,900	11,300	1,200	5,500	4,300	5,500	**5,500**
	Population in h'holds	540	2,580	870	1,300	7,070	4,060	16,420	250	2,820	**19,490**
	% h'holds with income	5	8	3	4	19	12	8	2	5	**7**
	% Vanuatu income	1	5	2	3	73	4	87	1	13	**100**
Other cash crops	**Total monthly income**	39,500	3,230,600	218,000	1,343,500	822,200	111,900	5,765,700	29,500	475,600	**6,270,800**
	Total h'holds	50	170	60	190	100	30	600	10	50	**660**
	Average h'hold income	800	18,600	3,600	7,100	8,500	3,800	9,600	2,700	9,400	**9,400**
	Population in h'holds	330	1,020	280	850	600	210	3,280	30	290	**3,610**
	% h'holds with income	3	2	1	2	1	0	2	0	1	**1**
	% Vanuatu income	1	52	3	21	13	2	92	0	8	**100**
Total monthly income from (cash) crops		**24,551,400**	**206,921,300**	**118,046,200**	**156,087,400**	**66,126,800**	**30,776,600**	**602,509,700**	**4,048,200**	**23,862,800**	**630,420,700**

Table 7-5 Monthly income from the sale of fruit & vegetables, province, HIES 2010

Product group	Fruit & vegetable income	Province										
		Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	Urban	Vanuatu
Total	**Total monthly income**	**1,318,700**	**14,379,800**	**4,806,700**	**8,211,100**	**49,612,400**	**7,958,700**	**86,287,400**	**796,200**	**11,862,500**	**12,658,700**	**98,946,100**
	Total h'holds	520	1,770	2,000	2,060	2,810	2,270	11,430	130	740	870	**12,300**
	Average h'hold income	2,500	8,100	2,400	4,000	17,700	3,500	7,500	6,200	16,000	14,500	**8,000**
	Population in h'holds	2,890	9,230	9,170	9,220	14,550	11,430	56,490	770	3,940	4,710	**61,190**
	% h'holds with income	29.1	25.1	28.9	23.7	40.4	33.0	29.9	4.7	7.6	7.0	**24.3**
	% Vanuatu income	1.3	14.5	4.9	8.3	50.1	8.0	87.2	0.8	12.0	12.8	**100.0**
Banana	**Total monthly income**	199,500	2,721,200	1,086,600	2,205,700	8,157,500	868,300	15,238,800	228,600	1,495,600	1,724,200	**16,963,000**
	Total h'holds	160	1,070	960	1,210	1,350	1,010	5,760	50	370	420	**6,180**
	Average h'hold income	1,300	2,500	1,100	1,800	6,000	900	2,600	4,600	4,000	4,100	**2,700**
	Population in h'holds	860	5,840	4,200	5,450	6,780	4,890	28,010	310	2,010	2,320	**30,330**
	% h'holds with income	8.9	15.2	13.9	14.0	19.4	14.7	15.1	1.9	3.8	3.4	**12.2**
	% Vanuatu income	1.2	16.0	6.4	13.0	48.1	5.1	89.8	1.3	8.8	10.2	**100.0**
Citrus	**Total monthly income**	31,400	522,600	266,400	704,900	3,111,800	550,200	5,187,300		702,800	702,800	**5,890,000**
Oranges, lemons	Total h'holds	40	280	210	270	390	150	1,340		80	80	**1,430**
etc	Average h'hold income	900	1,900	1,300	2,600	7,900	3,700	3,900		8,300	8,300	**4,100**
	Population in h'holds	200	1,710	840	1,360	2,230	780	7,100		420	420	**7,530**
	% h'holds with income	2.0	4.0	3.0	3.1	5.7	2.2	3.5		0.9	0.7	**2.8**
	% Vanuatu income	0.5	8.9	4.5	12.0	52.8	9.3	88.1		11.9	11.9	**100.0**
Pineapple	**Total monthly income**	45,000	545,500	933,900	159,500	2,108,900	344,700	4,137,400	128,100	1,027,100	1,155,200	**5,292,700**
	Total h'holds	70	200	280	130	290	200	1,160	10	100	110	**1,280**
	Average h'hold income	700	2,800	3,400	1,200	7,300	1,700	3,600	11,500	10,100	10,300	**4,100**
	Population in h'holds	390	910	1,520	610	1,320	1,310	6,060	80	640	720	**6,780**
	% h'holds with income	3.8	2.8	4.0	1.5	4.2	3.0	3.0	0.4	1.0	0.9	**2.5**
	% Vanuatu income	0.8	10.3	17.6	3.0	39.8	6.5	78.2	2.4	19.4	21.8	**100.0**
Watermelon	**Total monthly income**	324,300	1,383,800	342,300	1,027,100	2,769,800	2,893,000	8,740,400		1,697,800	1,697,800	**10,438,200**
	Total h'holds	170	90	110	310	270	400	1,350		120	120	**1,470**
	Average h'hold income	1,900	16,000	3,100	3,300	10,200	7,300	6,500		14,400	14,400	**7,100**
	Population in h'holds	950	410	590	1,420	1,140	2,070	6,580		570	570	**7,160**
	% h'holds with income	9.6	1.2	1.6	3.6	3.9	5.8	3.5		1.2	0.9	**2.9**
	% Vanuatu income	3.1	13.3	3.3	9.8	26.5	27.7	83.7		16.3	16.3	**100.0**

Continued

Product group	Fruit & vegetable income	Province										
		Torba	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Mango	**Total monthly income**	31,000	204,200	16,300	85,700	897,300	244,100	1,478,600	23,900	498,400	522,300	**2,000,900**
	Total h'holds	100	130	30	150	230	190	830	20	70	90	**920**
	Average h'hold income	300	1,600	500	600	3,900	1,300	1,800	1,100	7,400	5,800	**2,200**
	Population in h'holds	460	770	160	830	1,180	720	4,120	140	420	560	**4,680**
	% h'holds with income	5.3	1.8	0.5	1.7	3.3	2.8	2.2	0.8	0.7	0.7	**1.8**
	% Vanuatu income	1.5	10.2	0.8	4.3	44.8	12.2	73.9	1.2	24.9	26.1	**100.0**
Pawpaw (Papaya)	**Total monthly income**	14,500	530,600	56,400	107,700	2,922,000	120,900	3,752,000	15,900	854,100	870,000	**4,622,000**
	Total h'holds	60	530	60	230	650	180	1,700	30	240	260	**1,960**
	Average h'hold income	300	1,000	900	500	4,500	700	2,200	600	3,600	3,300	**2,400**
	Population in h'holds	280	2,760	300	940	3,370	970	8,610	170	1,150	1,320	**9,930**
	% h'holds with income	3.1	7.5	0.9	2.6	9.3	2.6	4.4	1.0	2.4	2.1	**3.9**
	% Vanuatu income	0.3	11.5	1.2	2.3	63.2	2.6	81.2	0.3	18.5	18.8	**100.0**
Peanuts	**Total monthly income**	476,500	1,822,100	2,200	1,034,300	5,989,600	1,674,200	10,998,800	10,900	1,196,900	1,207,800	**12,206,600**
	Total h'holds	70	360	10	200	340	350	1,340	10	190	190	**1,530**
	Average h'hold income	6,700	5,100	200	5,200	17,400	4,800	8,200	2,000	6,400	6,300	**8,000**
	Population in h'holds	440	1,790	20	850	1,610	1,810	6,530	30	1,100	1,130	**7,650**
	% h'holds with income	4.0	5.1	0.2	2.3	4.9	5.1	3.5	0.2	1.9	1.5	**3.0**
	% Vanuatu income	3.9	14.9	0.0	8.5	49.1	13.7	90.1	0.1	9.8	9.9	**100.0**
Island Cabbage	**Total monthly income**	74,400	2,535,700	673,000	1,003,600	11,940,600	401,500	16,628,700	172,900	1,983,300	2,156,200	**18,785,000**
	Total h'holds	160	1,200	930	760	1,080	950	5,080	60	340	390	**5,470**
	Average h'hold income	500	2,100	700	1,300	11,100	400	3,300	3,100	5,900	5,500	**3,400**
	Population in h'holds	940	6,340	4,230	3,370	5,450	4,940	25,270	330	1,760	2,090	**27,360**
	% h'holds with income	8.9	17.1	13.4	8.8	15.5	13.8	13.3	2.1	3.5	3.2	**10.8**
	% Vanuatu income	0.4	13.5	3.6	5.3	63.6	2.1	88.5	0.9	10.6	11.5	**100.0**
Other cabbage	**Total monthly income**	11,500	1,377,900	320,500	314,000	4,957,200	276,200	7,257,300	58,800	1,160,600	1,219,300	**8,476,700**
	Total h'holds	10	390	220	270	350	180	1,430	20	70	80	**1,510**
	Average h'hold income	1,000	3,500	1,400	1,200	14,300	1,500	5,100	3,500	17,200	14,500	**5,600**
	Population in h'holds	70	2,080	1,080	1,170	2,330	1,110	7,840	120	470	590	**8,430**
	% h'holds with income	0.7	5.6	3.2	3.1	5.0	2.6	3.7	0.6	0.7	0.7	**3.0**
	% Vanuatu income	0.1	16.3	3.8	3.7	58.5	3.3	85.6	0.7	13.7	14.4	**100.0**

Continued

		Province										
Product group	**Fruit & vegetable income**	**Torba**	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Beans	**Total monthly income**	39,200	296,400	75,500	183,000	790,100	40,900	1,425,200	23,100	468,000	491,100	**1,916,300**
	Total h'holds	120	350	80	150	140	80	930	10	70	80	**1,000**
	Average h'hold income	300	800	900	1,200	5,700	500	1,500	2,100	6,900	6,200	**1,900**
	Population in h'holds	630	1,770	420	570	650	350	4,390	100	410	500	**4,900**
	% h'holds with income	6.7	5.0	1.2	1.8	2.0	1.2	2.4	0.4	0.7	0.6	**2.0**
	% Vanuatu income	2.0	15.5	3.9	9.6	41.2	2.1	74.4	1.2	24.4	25.6	**100.0**
Tomato	**Total monthly income**	1,500	653,300	89,100	273,500	762,800	127,000	1,907,100	23,100		23,100	**1,930,200**
	Total h'holds	20	350	100	200	100	210	980	10		10	**990**
	Average h'hold income	100	1,800	900	1,300	7,700	600	1,900	2,100		2,100	**1,900**
	Population in h'holds	110	1,830	380	950	500	890	4,660	100		100	**4,760**
	% h'holds with income	0.9	5.0	1.4	2.4	1.4	3.0	2.6	0.4		0.1	**2.0**
	% Vanuatu income	0.1	33.8	4.6	14.2	39.5	6.6	98.8	1.2		1.2	**100.0**
Pumpkin	**Total monthly income**	14,200	487,300	313,000	101,400	264,900	55,700	1,236,500	62,900	219,600	282,600	**1,519,000**
	Total h'holds	30	270	30	130	100	50	620	20	20	30	**650**
	Average h'hold income	400	1,800	11,000	800	2,600	1,100	2,000	3,800	13,000	8,400	**2,300**
	Population in h'holds	250	1,400	130	550	650	350	3,320	120	170	290	**3,600**
	% h'holds with income	1.8	3.9	0.4	1.5	1.5	0.7	1.6	0.6	0.2	0.3	**1.3**
	% Vanuatu income	0.9	32.1	20.6	6.7	17.4	3.7	81.4	4.1	14.5	18.6	**100.0**
Green/dry coconut	**Total monthly income**	47,600	1,070,500	215,300	543,200	4,555,300	301,400	6,733,300	25,600	138,500	164,100	**6,897,500**
	Total h'holds	70	720	390	390	700	580	2,850	10	70	80	**2,920**
	Average h'hold income	700	1,500	600	1,400	6,500	500	2,400	2,300	2,100	2,100	**2,400**
	Population in h'holds	430	3,960	1,940	1,940	4,060	3,020	15,340	100	420	530	**15,870**
	% h'holds with income	3.8	10.3	5.6	4.5	10.1	8.4	7.4	0.4	0.7	0.6	**5.8**
	% Vanuatu income	0.7	15.5	3.1	7.9	66.0	4.4	97.6	0.4	2.0	2.4	**100.0**
Other fruit & vegetables	**Total monthly income**	8,000	228,900	416,300	467,600	384,600	60,700	1,565,900	22,300	419,800	442,100	**2,008,000**
	Total h'holds	20	140	100	140	110	50	550	10	100	110	**660**
	Average h'hold income	500	1,600	4,200	3,400	3,700	1,200	2,800	2,000	4,100	3,900	**3,000**
	Population in h'holds	60	780	490	710	770	280	3,080	90	350	450	**3,530**
	% h'holds with income	0.9	2.1	1.4	1.6	1.5	0.7	1.4	0.4	1.0	0.9	**1.3**
	% Vanuatu income	0.4	11.4	20.7	23.3	19.2	3.0	78.0	1.1	20.9	22.0	**100.0**

Table 7-6 Monthly income from the sale of livestock and poultry, province, HIES 2010

Product group	Livestock income	Province									
		Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	Vanuatu
Cattle	**Total monthly income**	2,400,900	33,015,900	10,968,100	13,498,300	5,863,300	15,830,900	81,577,400	2,623,300	1,773,800	**85,974,600**
	Total h'holds	110	870	460	680	210	610	2,940	40	30	**3,020**
	Average h'hold income	22,300	37,700	23,800	19,800	28,500	25,900	27,700	58,900	52,500	**28,500**
	Population in h'holds	610	4,830	2,120	2,970	1,340	2,930	14,800	290	200	**15,290**
	% h'holds with income	6	12	7	8	3	9	8	2	0	**6**
	% Vanuatu income	3	38	13	16	7	18	95	3	2	**100**
Pig	**Total monthly income**	1,199,500	5,864,200	8,535,400	11,316,800	7,747,800	12,078,700	46,742,500	783,100	941,000	**48,466,600**
	Total h'holds	210	600	1,030	1,000	470	1,020	4,320	60	70	**4,440**
	Average h'hold income	5,800	9,800	8,300	11,400	16,400	11,900	10,800	14,100	13,900	**10,900**
	Population in h'holds	1,130	3,350	4,830	4,610	2,810	5,130	21,860	390	240	**22,480**
	% h'holds with income	12	9	15	11	7	15	11	2	1	**9**
	% Vanuatu income	2	12	18	23	16	25	96	2	2	**100**
Goat	**Total monthly income**		147,800	237,600	226,800	23,600	3,108,300	3,744,100			**3,744,100**
	Total h'holds		10	30	50	10	440	540			**540**
	Average h'hold income		12,000	8,700	4,700	2,000	7,000	6,900			**6,900**
	Population in h'holds		50	80	170	50	2,310	2,680			**2,680**
	% h'holds with income		0	0	1	0	6	1			**1**
	% Vanuatu income		4	6	6	1	83	100			**100**
Chicken	**Total monthly income**	312,000	1,872,800	3,437,900	2,960,900	2,130,500	1,575,400	12,289,500	399,900	363,200	**13,052,600**
	Total h'holds	330	880	1,500	1,280	590	1,120	5,690	60	70	**5,820**
	Average h'hold income	1,000	2,100	2,300	2,300	3,600	1,400	2,200	7,200	5,400	**2,200**
	Population in h'holds	1,830	4,550	6,900	5,450	2,980	5,910	27,620	380	410	**28,410**
	% h'holds with income	18	12	22	15	9	16	15	2	1	**11**
	% Vanuatu income	2	14	26	23	16	12	94	3	3	**100**
Eggs	**Total monthly income**	48,900	55,100	32,500	69,700	168,200	68,900	443,300	308,000	159,500	**910,800**
	Total h'holds	100	70	160	110	200	140	790	10	50	**850**
	Average h'hold income	500	800	200	600	800	500	600	27,700	3,100	**1,100**
	Population in h'holds	590	350	730	590	1,140	830	4,220	100	270	**4,590**
	% h'holds with income	6	1	2	1	3	2	2	0	1	**2**
	% Vanuatu income	5	6	4	8	18	8	49	34	18	**100**

Continued

Product group	Livestock income	Province									
		Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	Vanuatu
Other livestock	**Total monthly income**	2,000	763,600					765,500	27,800		**793,400**
	Total h'holds	0	20					30	10		**30**
	Average h'hold income	500	32,300					27,700	5,000		**23,900**
	Population in h'holds	30	90					120	10		**130**
	% h'holds with income	0	0					0	0		**0**
	% Vanuatu income	0	96					96	4		**100**
Total monthly income		**3,963,200**	**41,719,400**	**23,211,600**	**28,072,500**	**15,933,500**	**32,662,200**	**145,562,400**	**4,142,200**	**3,237,500**	**152,942,100**
Average h'hold income		7,200	25,600	10,000	12,000	14,100	13,400	14,000	32,300	17,400	**14,200**
% h'holds with income		30.9	23.1	33.6	27.1	16.2	35.5	27.3	4.7	1.9	**21.2**
% Vanuatu income		2.6	27.3	15.2	18.4	10.4	21.4	95.2	2.7	2.1	**100.0**

Table 7-7 Monthly income from the sales of fish and other sea food, province, HIES 2010

Product group	Seafood income	Province										
		Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	Urban	Vanuatu
Total	**Total monthly income**	6,794,600	3,790,100	1,963,400	4,616,300	7,521,200	8,559,900	33,245,500	639,100	1,638,200	2,277,300	**35,522,800**
	Total h'holds	470	470	940	990	720	1,200	4,770	70	170	240	**5,000**
	Average h'hold income	14,600	8,100	2,100	4,700	10,500	7,200	7,000	9,600	9,700	9,700	**7,100**
	Population in h'holds	2,630	2,470	4,710	4,870	4,010	6,840	25,540	410	910	1,320	**26,860**
	% h'holds with income	26.0	6.6	13.5	11.4	10.3	17.4	12.5	2.5	1.7	1.9	**9.9**
	% Vanuatu income	19.1	10.7	5.5	13.0	21.2	24.1	93.6	1.8	4.6	6.4	**100.0**
Fish	**Total monthly income**	2,379,500	3,340,700	1,010,600	2,908,200	5,230,700	3,562,300	18,432,100	639,100	1,164,100	1,803,300	**20,235,300**
	Total h'holds	350	410	430	760	570	1,000	3,530	70	70	130	**3,660**
	Average h'hold income	6,800	8,100	2,400	3,800	9,100	3,600	5,200	9,600	17,200	13,400	**5,500**
	Population in h'holds	2,030	2,180	2,050	3,870	3,150	5,710	18,980	410	350	760	**19,750**
	% h'holds with income	19.6	5.8	6.2	8.8	8.3	14.5	9.2	2.5	0.7	1.1	**7.2**
	% Vanuatu income	11.8	16.5	5.0	14.4	25.8	17.6	91.1	3.2	5.8	8.9	**100.0**
Coconut crab	**Total monthly income**	863,600		161,600	36,300	899,700	1,306,200	3,267,300		135,100	135,100	**3,402,500**
	Total h'holds	50		140	50	140	220	600		30	30	**630**
	Average h'hold income	16,700		1,200	800	6,300	6,000	5,500		4,000	4,000	**5,400**
	Population in h'holds	250		770	320	700	1,510	3,550		250	250	**3,800**
	% h'holds with income	2.9		2.0	0.5	2.1	3.2	1.6		0.3	0.3	**1.2**
	% Vanuatu income	25.4		4.7	1.1	26.4	38.4	96.0		4.0	4.0	**100.0**

Continued

Product group		Province									
	Seafood income	**Torba**	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Crab	**Total monthly income**	1,256,000	437,700	667,800	474,300	35,400	4,800	2,875,900		153,100	153,100	**3,029,000**
(incl. mud	Total h'holds	100	70	470	210	20	10	880		50	50	**940**
crab)	Average h'hold income	12,600	6,000	1,400	2,200	1,500	500	3,300		3,000	3,000	**3,200**
	Population in h'holds	590	420	2,360	1,100	130	30	4,630		190	190	**4,810**
	% h'holds with income	5.6	1.0	6.7	2.4	0.3	0.1	2.3		0.5	0.4	**1.8**
	% Vanuatu income	41.5	14.4	22.0	15.7	1.2	0.2	94.9		5.1	5.1	**100.0**
Lobster	**Total monthly income**	530,600		10,900	163,900	686,400	3,678,800	5,070,500		185,800	185,800	**5,256,300**
	Total h'holds	40		10	30	70	320	460		20	20	**480**
	Average h'hold income	14,800		1,000	5,700	10,100	11,600	11,000		11,000	11,000	**11,000**
	Population in h'holds	210		90	120	320	1,850	2,590		120	120	**2,710**
	% h'holds with income	2.0		0.2	0.3	1.0	4.6	1.2		0.2	0.1	**0.9**
	% Vanuatu income	10.1		0.2	3.1	13.1	70.0	96.5		3.5	3.5	**100.0**
Prawns	**Total monthly income**	16,300		87,500	178,200	88,200		370,200				**370,200**
	Total h'holds	10		90	60	20		180				**180**
	Average h'hold income	1,400		900	3,100	4,100		2,000				**2,000**
	Population in h'holds	60		540	180	150		930				**930**
	% h'holds with income	0.7		1.4	0.7	0.3		0.5				**0.4**
	% Vanuatu income	4.4		23.6	48.1	23.8		100.0				**100.0**
Trochus	**Total monthly income**	914,900	11,700	25,000	798,600	305,200	2,900	2,058,200				**2,058,200**
	Total h'holds	70	30	20	130	30	10	290				**290**
	Average h'hold income	12,800	400	1,200	6,300	10,300	300	7,200				**7,200**
	Population in h'holds	420	100	70	740	130	50	1,500				**1,500**
	% h'holds with income	4.0	0.4	0.3	1.5	0.4	0.1	0.7				**0.6**
	% Vanuatu income	44.4	0.6	1.2	38.8	14.8	0.1	100.0				**100.0**
Other	**Total monthly income**	23,900			57,200	211,300	2,900	295,300				**295,300**
	Total h'holds	30			60	70	10	170				**170**
	Average h'hold income	900			900	3,000	300	1,800				**1,800**
	Population in h'holds	190			420	480	50	1,130				**1,130**
	% h'holds with income	1.6			0.7	1.0	0.1	0.4				**0.3**
	% Vanuatu income	8.1			19.4	71.6	1.0	100.0				**100.0**

Table 7-8 Monthly income from the sales of homemade (manufactured) products, province, HIES 2010

Product group	Homemade products income	Province									
		Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	Vanuatu
Processed kava	**Total monthly income**	5,259,300	9,698,300	8,780,600	4,973,600	14,074,500	1,552,600	44,338,800	21,702,700	41,791,500	**107,833,000**
	Total h'holds	410	520	670	750	390	160	2,910	230	760	**3,900**
	Average h'hold income	12,800	18,500	13,000	6,600	35,700	9,600	15,200	95,000	55,000	**27,600**
	Population in h'holds	2,440	2,700	3,150	3,420	2,700	1,030	15,430	1,220	4,380	**21,020**
	% h'holds with income	23	7	10	9	6	2	8	8	8	**8**
	% Vanuatu income	5	9	8	5	13	1	41	20	39	**100**
Homemade clothing	**Total monthly income**	271,400	1,002,600	446,200	308,200	5,208,500	55,900	7,292,800	130,600	3,750,900	**11,174,200**
	Total h'holds	20	50	60	60	270	50	500	30	250	**790**
	Average h'hold income	13,600	20,800	7,300	5,500	19,600	1,100	14,600	3,900	14,800	**14,200**
	Population in h'holds	110	240	250	210	1,770	220	2,810	210	1,350	**4,370**
	% h'holds with income	1	1	1	1	4	1	1	1	3	**2**
	% Vanuatu income	2	9	4	3	47	1	65	1	34	**100**
Local bread	**Total monthly income**	1,213,200	1,001,800	1,999,200	2,493,200	1,348,500	122,300	8,178,300	179,100	84,500	**8,441,800**
	Total h'holds	140	150	270	400	110	40	1,110	30	20	**1,160**
	Average h'hold income	9,000	6,700	7,300	6,200	12,400	3,000	7,300	6,400	5,000	**7,300**
	Population in h'holds	750	730	1,310	1,990	600	330	5,700	170	80	**5,960**
	% h'holds with income	8	2	4	5	2	1	3	1	0	**2**
	% Vanuatu income	14	12	24	30	16	1	97	2	1	**100**
Cake (pie, scone, gato etc)	**Total monthly income**	1,054,800	538,700	609,200	1,037,200	1,571,100	746,000	5,557,100	550,200	2,546,900	**8,654,200**
	Total h'holds	60	210	110	230	270	200	1,080	80	340	**1,500**
	Average h'hold income	18,900	2,500	5,400	4,500	5,900	3,600	5,100	6,600	7,500	**5,800**
	Population in h'holds	330	990	460	1,080	1,730	1,350	5,940	420	2,200	**8,550**
	% h'holds with income	3	3	2	3	4	3	3	3	3	**3**
	% Vanuatu income	12	6	7	12	18	9	64	6	29	**100**
Jam	**Total monthly income**	1,989,800			126,400	0	3,900	2,120,000			**2,120,000**
	Total h'holds	0			60	0	10	70			**70**
	Average h'hold income	500,000			2,200	0	400	29,300			**29,300**
	Population in h'holds	30			350	0	30	410			**410**
	% h'holds with income	0			1	0	0	0			**0**
	% Vanuatu income	94			6	0	0	100			**100**

Continued

Product group	Homemade products income	Province									Vanuatu
		Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	
Coconut oil	**Total monthly income**	863,800	130,600	28,500	210,600	303,100	33,100	1,569,600			**1,569,600**
	Total h'holds	90	30	30	100	80	120	460			**460**
	Average h'hold income	9,400	4,100	900	2,100	3,700	300	3,400			**3,400**
	Population in h'holds	450	70	150	550	460	700	2,370			**2,370**
	% h'holds with income	5	0	0	1	1	2	1			**1**
	% Vanuatu income	55	8	2	13	19	2	100			**100**
Other homemade products	**Total monthly income**			105,600		133,700	37,500	276,800	41,800	248,300	**566,900**
	Total h'holds			20		20	20	60	10	50	**120**
	Average h'hold income			4,500		8,000	1,800	4,500	7,500	4,900	**4,800**
	Population in h'holds			100		200	150	450	40	370	**860**
	% h'holds with income			0		0	0	0	0	1	**0**
	% Vanuatu income			19		24	7	49	7	44	**100**
Total monthly income		**10,652,300**	**12,372,000**	**11,969,400**	**9,149,100**	**22,639,300**	**2,551,300**	**69,333,500**	**22,604,400**	**48,422,000**	**140,359,900**

Table 7-9 Monthly income from the sale of handicrafts, province, HIES 2010

Product group	Handicraft income	Province									Vanuatu
		Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	
Mat	**Total monthly income**	251,000	1,215,700	2,403,300	4,424,100	5,255,600	2,360,400	15,910,100	731,800	1,737,500	**18,379,400**
	Total h'holds	190	410	990	1,570	1,060	1,110	5,330	120	240	**5,690**
	Average h'hold income	1,300	2,900	2,400	2,800	5,000	2,100	3,000	6,300	7,300	**3,200**
	Population in h'holds	1,040	2,280	4,670	7,300	5,400	5,980	26,670	790	1,130	**28,590**
	% h'holds with income	11	6	14	18	15	16	14	4	2	**11**
	% Vanuatu income	1	7	13	24	29	13	87	4	9	**100**
Basket	**Total monthly income**	144,100	287,500	1,853,500	489,000	168,100	856,800	3,799,000	778,400	1,031,400	**5,608,700**
	Total h'holds	1,790	7,050	6,930	8,680	6,960	6,890	38,290	2,700	9,760	**50,750**
	Average h'hold income	100	0	300	100	0	100	100	300	100	**100**
	Population in h'holds	9,670	35,290	31,100	37,600	37,280	34,460	185,400	15,150	49,450	**250,000**
	% h'holds with income	100	100	100	100	100	100	100	100	100	**100**
	% Vanuatu income	3	5	33	9	3	15	68	14	18	**100**

Continued

Product group	Handicraft income	Province									
		Torba	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Vanuatu**
Fan	**Total monthly income**	2,900	81,800	5,400	68,900	31,000	80,800	270,800	146,400	8,400	**425,700**
	Total h'holds	10	80	10	50	40	70	260	50	20	**330**
	Average h'hold income	200	1,100	500	1,300	800	1,200	1,000	2,900	500	**1,300**
	Population in h'holds	60	380	20	250	150	290	1,150	340	70	**1,560**
	% h'holds with income	1	1	0	1	1	1	1	2	0	**1**
	% Vanuatu income	1	19	1	16	7	19	64	34	2	**100**
Wooden carving	**Total monthly income**	165,900	421,800	225,100	374,200		55,200	1,242,200	82,900	532,100	**1,857,200**
	Total h'holds	40	70	20	60		20	210	10	30	**250**
	Average h'hold income	3,800	6,500	10,400	6,400		2,800	5,900	7,400	15,800	**7,300**
	Population in h'holds	210	290	80	340		100	1,010	100	190	**1,290**
	% h'holds with income	2	1	0	1		0	1	0	0	**1**
	% Vanuatu income	9	23	12	20		3	67	4	29	**100**
Necklace	**Total monthly income**		248,000		62,700	657,500	216,400	1,184,600	199,400		**1,384,000**
	Total h'holds		110		70	100	40	320	30		**360**
	Average h'hold income		2,200		900	6,600	5,600	3,700	6,000		**3,900**
	Population in h'holds		680		290	440	210	1,630	190		**1,830**
	% h'holds with income		2		1	1	1	1	1		**1**
	% Vanuatu income		18		5	48	16	86	14		**100**
Grass skirt	**Total monthly income**	1,600	686,700		131,700	712,600	55,800	1,588,300	43,400		**1,631,700**
	Total h'holds	0	200		30	80	60	370	20		**380**
	Average h'hold income	400	3,400		5,000	9,300	900	4,300	2,600		**4,300**
	Population in h'holds	40	1,090		80	410	280	1,910	80		**1,990**
	% h'holds with income	0	3		0	1	1	1	1		**1**
	% Vanuatu income	0	42		8	44	3	97	3		**100**

Continued

		Province									
Product group	**Handicraft income**	**Torba**	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Vanuatu**
Pig tusk	**Total monthly income**			1,403,500				1,403,500	83,500	352,200	**1,839,300**
	Total h'holds			80				38,290	2,700	9,760	**50,750**
	Average h'hold income			18,500				0	0	0	**0**
	Population in h'holds			320				80	10	30	**120**
	% h'holds with income			1				100	100	100	**100**
	% Vanuatu income			76				76	5	19	**100**
Painting/art	**Total monthly income**	0	31,300	10,900	409,500	157,500	192,800	802,000	428,900	1,368,400	**2,599,200**
	Total h'holds	0	10	10	50	10	10	90	30	70	**180**
	Average h'hold income	0	3,000	1,000	9,000	16,000	20,000	9,300	15,400	20,300	**14,300**
	Population in h'holds	0	20	80	100	20	90	310	170	490	**970**
	% h'holds with income	0	0	0	1	0	0	0	1	1	**0**
	% Vanuatu income	0	1	0	16	6	7	31	16	53	**100**
Other handicraft	**Total monthly income**	6,000	52,100	28,500	284,000	337,500	166,800	874,900	270,100	3,741,900	**4,886,900**
	Total h'holds	0	10	10	50	50	20	150	10	30	**190**
	Average h'hold income	1,500	5,000	2,000	6,100	6,700	8,000	6,000	24,300	110,800	**25,600**
	Population in h'holds	10	30	60	290	420	150	960	80	240	**1,280**
	% h'holds with income	0	0	0	1	1	0	0	0	0	**0**
	% Vanuatu income	0	1	1	6	7	3	18	6	77	**100**
Total monthly income		**571,500**	**3,024,800**	**5,930,200**	**6,244,100**	**7,319,800**	**3,984,900**	**27,075,300**	**2,764,900**	**8,772,000**	**38,612,200**

Chapter 8. Non-consumption expenditure

Concepts and definitions

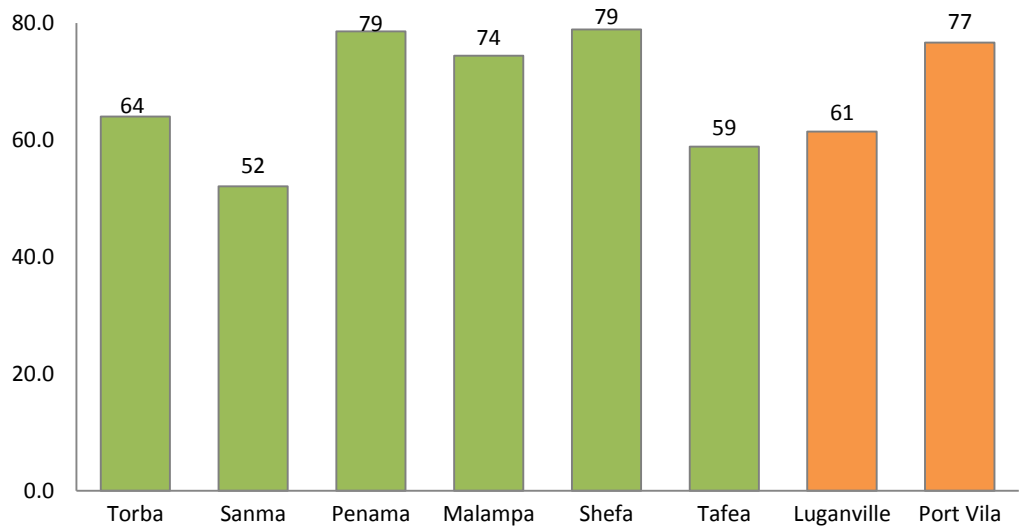
This section provides detailed information on household non-consumption expenditure as transfers (that is, payments) made by the household to government, non-profit institutions and other households, without getting any goods or services in return. These include donations or gifts of cash, child maintenance payments, fines and similar expenditures.

It is difficult to accurately estimate the total expenditure on special or custom events like weddings, funerals or fundraising as a household's contribution could be in non-consumption – cash donation – terms or it could be in the form of the provision of goods; the expenditure on which would be accounted for under the type of good purchased or produced (food, livestock, handicrafts and so on). The survey period of the HIES also limited estimates for total costs of weddings and funerals and other custom events which can take place over a period longer than the two week diary period or at certain times of the year.

Results

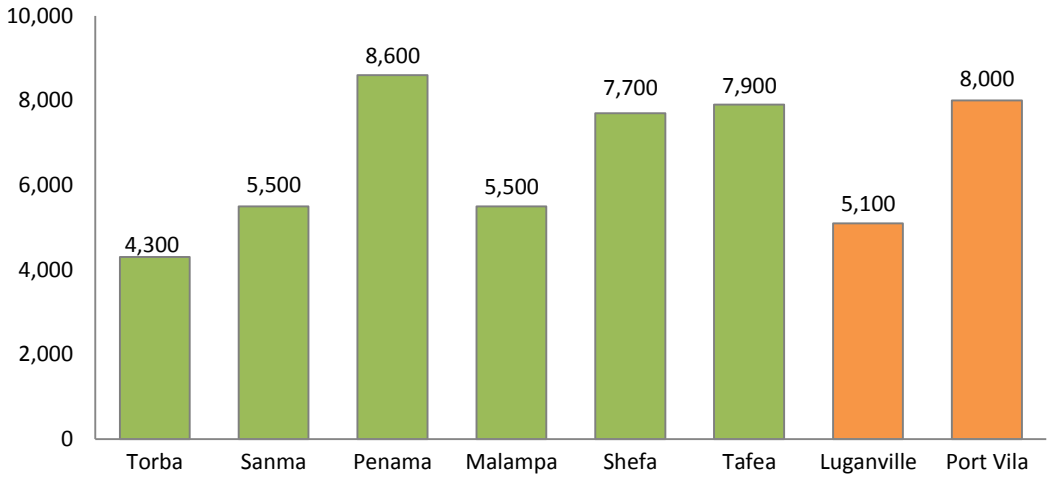
The HIES estimated the total monthly value of non-consumption expenditure to be 250 million Vatu; representing about 6% of total household expenditure. The HIES results indicate that overall 70% of all households made some kind of non-consumption payment, 69% of rural households had this type of expenditure and 73% of urban households did.

Figure 8-1 Percent of households with non-consumption expenditure by province, 2010 HIES



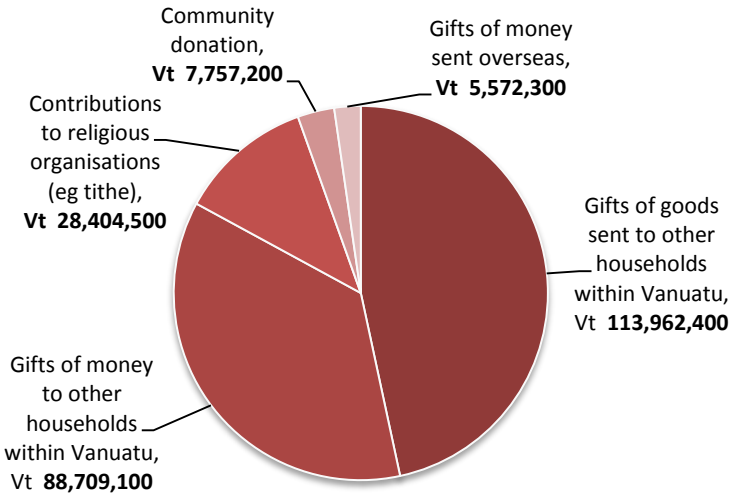
In Penama province 79% of households made a non-consumption payment, at an estimated monthly average value of Vt 8,600 per household. In Port Vila 77% of households made a non-consumption payment, at an estimated monthly average value of Vt 8,000 per household. The 2010 HIES estimated that households with non-consumption expenditure spent Vt 7,100 per month (Figure 8-1 and 8-2).

Figure 8-2 Average household monthly non-consumption expenditure by province, 2010 HIES



Gifts given was the single largest type of non-consumption expenditure and gifts of goods given to other households in Vanuatu represented 46% of total non-consumption expenditure, while gifts of cash given to other households was 36% of total non-consumption expenditure and cash sent overseas was 2% (Figure 8-3).

Figure 8-3 Five largest monthly non-consumption expenditure types, amount, 2010 HIES



Contributions to religious organisations, including tithe, accounted for 28 million Vatu per month representing 12% of non-consumption expenditure with on average Vt 1,500 per month being spent by those households making these payments, increasing to Vt 2,400 in urban areas and at Vt 1,200 in rural areas.

Households in Penama province had the largest expenditure on gifts of goods to other households, with 27% of the estimated value of goods given to other households from Penama province. Households in Tafea accounted for 18% of the value of goods given and Malampa 16%. Households in Port Vila and the rest of Shefa province had the largest expenditure on gifts of cash to other households with almost half or 49% of the value of cash given these areas. Almost two-thirds or 65% of the value of donations and contributions to church or the community was from households in Shefa province, including Port Vila, which represented 45% and rural Shefa the remaining 20%.

Statistical tables

Table 8-1 Monthly household non-consumption expenditure, province, 2010 HIES

Province	Non consumption expenditure				
	Total monthly expenditure	H'holds	Average per h'hold	Population in h'holds	% h'holds with expenditure
Torba	4,934,300	1,150	4,300	6,330	64.0
Sanma	20,152,300	3,660	5,500	19,080	52.0
Penama	46,762,100	5,440	8,600	24,670	78.6
Malampa	35,836,800	6,460	5,500	28,910	74.4
Shefa	42,030,600	5,490	7,700	29,650	78.9
Tafea	31,936,000	4,050	7,900	21,430	58.9
Luganville	8,524,200	1,660	5,100	9,420	61.4
Port Vila	59,498,200	7,480	8,000	38,500	76.6
Rural	*181,652,100*	*26,240*	*6,900*	*130,070*	*68.6*
Urban	*68,022,400*	*9,140*	*7,400*	*47,920*	*73.3*
Vanuatu	**249,674,500**	**35,390**	**7,100**	**177,990**	**69.7**

Table 8-2 Number of households with non-consumption expenditure as a percent of total household expenditure, 2010 HIES

Province	Non-consumption expenditure as a percent of total h'hold expenditure							
	<10	10 - 19%	20 - 29%	30 - 39%	40 - 49%	50 - 59%	60 - 69%	Total
Rural	*18,170*	*4,950*	*1,980*	*730*	*270*	*140*	*10*	*26,240*
Torba	900	140	60	20	20	0		1,150
Sanma	2,810	590	210	20		20		3,660
Penama	3,470	1,090	470	290	110	10	10	5,440
Malampa	4,330	1,380	470	190	60	30		6,460
Shefa	3,970	1,040	330	60	60	30		5,490
Tafea	2,700	710	430	150	20	40		4,050
Urban	*7,150*	*1,390*	*330*	*180*	*70*	*20*		*9,140*
Luganville	1,360	190	60	40		10		1,660
Port Vila	5,790	1,200	270	140	70	20		7,480
Vanuatu	**25,320**	**6,330**	**2,310**	**910**	**340**	**170**	**10**	**35,390**

Table 8-3 Total monthly non-consumption expenditure, type, province, 2010 HIES

Expenditure item, expenditure	Province										
	Torba	Sanma	Penama	Malampa	Shefa	Tafea	Rural	Luganville	Port Vila	Urban	Vanuatu
Total Non-Cons Expenditure	**4,934,300**	**20,152,300**	**46,762,100**	**35,836,800**	**42,030,600**	**31,936,000**	**181,652,100**	**8,524,200**	**59,498,200**	**68,022,400**	**249,674,500**
H'holds	1,150	3,660	5,440	6,460	5,490	4,050	26,240	1,660	7,480	9,140	35,390
Average per h'hold	4,300	5,500	8,600	5,500	7,700	7,900	6,900	5,100	8,000	7,400	7,100
Population in h'holds	6,330	19,080	24,670	28,910	29,650	21,430	130,070	9,420	38,500	47,920	177,990
% h'holds with expenditure	64.0	52.0	78.6	74.4	78.9	58.9	68.6	61.4	76.6	73.3	69.7
Contributions to religious organisations (eg tithe)	**393,800**	**1,655,200**	**1,667,300**	**4,209,900**	**5,840,700**	**2,368,400**	**16,135,200**	**851,100**	**11,418,100**	**12,269,200**	**28,404,500**
H'holds	630	1,670	2,630	3,970	3,320	1,250	13,480	710	4,340	5,050	18,530
Average per h'hold	600	1,000	600	1,100	1,800	1,900	1,200	1,200	2,600	2,400	1,500
Population in h'holds	3,680	9,000	11,940	18,390	18,640	7,620	69,270	4,040	23,040	27,080	96,350
% h'holds with expenditure	35.3	23.7	38.0	45.8	47.7	18.2	35.2	26.2	44.5	40.5	36.5
Community donation	**43,600**	**249,900**	**412,400**	**413,400**	**1,489,700**	**273,100**	**2,882,100**	**83,300**	**4,791,700**	**4,875,100**	**7,757,200**
H'holds	250	850	1,180	1,460	2,100	530	6,370	260	2,420	2,670	9,040
Average per h'hold	200	300	400	300	700	500	500	300	2,000	1,800	900
Population in h'holds	1,310	3,850	5,600	6,930	11,750	3,310	32,740	1,410	13,010	14,420	47,160
% h'holds with expenditure	14.2	12.0	17.0	16.8	30.2	7.8	16.6	9.5	24.7	21.4	17.8
Gifts of money to other households within Vanuatu	**1,666,700**	**8,644,300**	**12,492,100**	**11,664,100**	**15,542,400**	**8,300,100**	**58,309,800**	**4,455,800**	**25,943,600**	**30,399,300**	**88,709,100**
H'holds	510	1,790	2,830	3,620	3,520	1,830	14,100	1,010	5,070	6,080	20,170
Average per h'hold	3,200	4,800	4,400	3,200	4,400	4,500	4,100	4,400	5,100	5,000	4,400
Population in h'holds	2,860	8,990	13,220	16,590	19,580	9,970	71,200	5,830	26,420	32,260	103,460
% h'holds with expenditure	28.7	25.4	40.8	41.7	50.6	26.5	36.8	37.3	51.9	48.7	39.8
Gifts of money sent overseas	**2,000**	**123,700**	**22,700**	**379,800**	**2,259,900**	**64,300**	**2,852,300**	**112,800**	**2,607,200**	**2,720,000**	**5,572,300**
H'holds	0	40	20	30	200	10	300	30	290	320	620
Average per h'hold	500	3,300	1,000	12,900	11,400	6,700	9,500	4,100	9,100	8,600	9,100
Population in h'holds	30	220	80	150	1,130	30	1,630	150	1,440	1,580	3,220
% h'holds with expenditure	0.2	0.5	0.3	0.3	2.9	0.1	0.8	1.0	2.9	2.5	1.2
Other donations and cash gifts	**8,800**		**23,600**	**13,500**	**10,700**	**2,100**	**58,600**	**1,900**	**4,200**	**6,200**	**64,800**
H'holds	0		20	40	10	20	100	10	20	20	120
Average per h'hold	2,200		1,000	300	1,100	100	600	400	300	300	500
Population in h'holds	30		100	290	60	150	620	30	80	120	730
% h'holds with expenditure	0.2		0.3	0.5	0.1	0.3	0.3	0.2	0.2	0.2	0.2

Continued

Expenditure item, expenditure	Province										
	Torba	**Sanma**	**Penama**	**Malampa**	**Shefa**	**Tafea**	**Rural**	**Luganville**	**Port Vila**	**Urban**	**Vanuatu**
Fines	**42,700**	**63,200**	**1,149,900**	**245,700**	**262,500**	**119,100**	**1,883,100**	**37,100**	**456,200**	**493,300**	**2,376,400**
H'holds	220	100	1,370	690	590	180	3,150	70	610	680	3,830
Average per h'hold	200	600	800	400	400	700	600	600	800	700	600
Population in h'holds	1,250	610	6,440	3,360	3,410	800	15,870	440	3,450	3,880	19,760
% h'holds with expenditure	12.2	1.5	19.8	7.9	8.4	2.7	8.2	2.5	6.2	5.4	7.5
Maintenance to ex-spouse		**13,200**			**1,622,000**	**141,400**	**1,776,700**	**13,000**	**297,000**	**310,000**	**2,086,700**
H'holds		20			70	20	110	20	80	110	220
Average per h'hold		500			24,300	7,300	16,100	600	3,500	2,900	9,600
Population in h'holds		120			260	50	430	110	470	580	1,010
% h'holds with expenditure		0.3			1.0	0.3	0.3	0.8	0.9	0.9	0.4
Gifts of goods sent overseas	**2,800**	**5,100**	**21,700**		**362,700**		**392,400**	**188,300**	**160,500**	**348,700**	**741,200**
H'holds	0	10	10		120		150	10	100	110	260
Average per h'hold	700	420	2,000		2,910		2,590	33,800	1,580	3,260	2,870
Population in h'holds	40	110	50		680		880	30	640	670	1,550
% h'holds with expenditure	2.3	1.5	0.8		9.7		2.3	1.0	6.6	5.4	3.1
Gifts of goods sent to other households within Vanuatu	**2,774,000**	**9,397,600**	**30,972,500**	**18,910,400**	**14,639,900**	**20,667,500**	**97,361,900**	**2,780,800**	**13,819,700**	**16,600,500**	**113,962,400**
H'holds	750	2,490	4,340	5,040	3,900	3,220	19,740	1,080	4,260	5,340	25,080
Average per h'hold	3,700	3,800	7,100	3,700	3,800	6,400	4,900	2,600	3,200	3,100	4,500
Population in h'holds	4,230	12,310	19,950	22,870	20,720	16,580	96,670	6,150	22,760	28,910	125,580
% h'holds with expenditure	41.8	35.4	62.7	58.1	56.1	46.8	51.6	40.0	43.6	42.8	49.4

Annex 1: HIES Methodology

Survey method, scope and coverage

There were eight main populations of interest or regions for which estimates were required from the 2010 HIES: the provincial rural areas of Torba, Sanma, Penama, Malampa, Shefa, Tafea and the urban areas of Luganville and Port Vila. Owing to cost and time constraints, some remote rural areas were not considered eligible for selection for the survey which reduced the scope of the survey to 91.3% of all estimated households in Vanuatu, with reductions in scope in the provinces of Torba (68.2% in scope) and Malampa (85.3%).

The survey coverage included only persons living in private households during the survey period, October to December 2010. Persons living in institutions, such as school dormitories, hospital wards, hostels, prisons as well as those households which had temporarily vacated their dwellings were excluded from the survey. Also excluded from the survey were expatriate temporary residents and permanent residents who had not resided, and were not intending to reside, in Vanuatu for at least 12 months.

Sample design

A two-stage sampling method was used. The first stage involved the selection of Enumeration Areas (EAs) using probability proportional to size (PPS) sampling. The size measure was the estimated number of households in the EA in 2010, based on 2009 population census estimates, noting that some EAs were excluded from the sample frame. The second stage of sampling adopted systematic sampling from a list of all households contained in the EA, with lists prepared by interviewers during their first visit to the EA. Finally after the sample was selected, a review of the location of the selections was conducted to assess the coverage of the impact areas of the MCA road improvement projects. Approximately 18 enumeration areas (EA) were selected on Efate and 21 between Port Olry and Luganville in Santo, providing good representation of each of the areas. A final sample size of 4,737 households was selected for the survey representing around 10% of the households in Vanuatu.

In order to achieve the required level of accuracy for estimates for the target areas of the six provinces and two urban centres different sample allocations were tested to determine which allocation would produce estimates of similar levels of accuracy for each target area. This sample allocation resulted in the selection of approximately 600 in each province, with the exceptions of Luganville and Torba where less than 600 households were selected.

Each of the eight target areas was then further stratified to improve the representation within each of the different area types. Strata were determined by allocating Area Councils to area types based on the Area Council's accessibility. As a result, 21 strata were used the final sample selection. Sample allocation to each stratum was derived by the proportionate allocation of the population within each "target area". The sample weights were calculated for each stratum separately, adjusted for non-response, and benchmarked against projected household counts for 2010 from the 2009 Census of Population and Housing.

Survey operations

The HIES was conducted over a three month period beginning in the second week of October and finishing at the beginning of January 2010, with the survey completed in some EAs over February. The VNSO recruited and trained 73 supervisors and 169 interviewers to conduct the survey. Over the survey period each interviewer completed three 'cycles' of about 40 households in total.

Four questionnaire forms were designed to collect information on household size and composition, personal and household income, major household expenditure, and regular food and household supply expenditures in the daily expenditure diary. The forms used, and the persons responsible for providing the information were:

a) The household control form, administered by the interviewer to the head of the household;

b) The household questionnaire form, administered by the interviewer to the head of the household;

c) The daily expenditure diary, completed by household members aged 18 years and over during the two-week survey period; and

d) The personal questionnaires, designed to collect detailed information on health facility utilisation and access, educational attainment and attendance and labour force status, administered by the interviewer to all household members depending on age.

The completed survey forms were checked by Provincial Statistics Office staff and processed by VNSO staff in Port Vila who recorded form receipt and checked the questionnaires for completeness. Incomplete questionnaires were referred back to the field supervisors to collect the necessary information.

Households that had completed the household questionnaire and at least one week of the diaries were accepted for further data processing. The data coding and manual editing of the questionnaires began in March 2011 and the scanning, data entry and micro editing was completed by the mid-June 2011. In 2010 all HIES questionnaires except for the daily expenditure diary were scanned. Scanning was used to decrease the time and resources required for data entry. The diaries were however manually entered into a database developed in-house due to low rates of optical character recognition for the data. After macro-editing and imputation, the data was transferred into a dataset that could be used for analysis, and tabulations were performed using Excel.

Data quality

A total of 4,377 out of the 4,737 selected households fully responded to the survey, giving an overall response rate of 92.4% (refer table A–1). Only 2% did not fully respond or provided inadequate information to be included in the survey. However 5.7% of households were reported as vacant dwellings which, most probably, included some households that could not be contacted during the survey period.

The response rate for the survey showed an improvement when compared with the 2006 HIES as most of the regions recorded over 90%. Shefa, Tafea and Port Vila recorded between 87% and 90% response rates.

Table A-1 Number and percentage of sample households by response status, 2010 HIES

Province	Complete Response	Vacant Households	Incomplete Response	Total Selected	% Complete Response
Rural	*3,314*	*193*	*61*	*3,568*	*92.9%*
Torba	450	33	5	488	92.2%
Sanma	596	15	3	614	97.1%
Penama	610	2	1	613	99.5%
Malampa	590	43	2	635	92.9%
Shefa	537	49	31	617	87.0%
Tafea	531	51	19	601	88.4%
Urban	*1,063*	*75*	*31*	*1,169*	*90.9%*
Luganville	485	36	2	523	92.7%
Port Vila	578	39	29	646	89.5%
Vanuatu	4,377	268	92	4,737	92.4%

During the editing process, a number of imputations were made to adjust for non-response to expenditure items:

- Diary items covering purchases, own account production and gifts given and received: when a quantity was provided without a value, a value was imputed based on the value of transactions of the same commodity in the same location.
- Income from wages and salaries: for employees who did not report their gross wage and salary incomes, a value was imputed based on the average wage or salary of other employees with the same occupation and industry who had provided wages and salaries.
- Estimated rent (imputed rent): for households that owned their housing (including those with a loan or mortgage) estimated or imputed rent was adjusted to not more than 3% of total household expenditure, with the 3% value used to derive a nominal imputed rental value. Where a household's estimated rent was higher than 3% of total household expenditure or a value was not given, rent was derived based on

the average value for the province from households in the same expenditure percentile where imputed rent was less than 3% of total household expenditure.

The HIES was a sample survey and the estimates for income and expenditure in this report are subject to sampling (and non-sampling) error. Table A–2 contains the estimated relative standard errors (RSEs) for household income and expenditure. At the national level the RSE estimates are less than 5%, the level generally considered to provide reliable estimates.

At the urban and rural levels the RSEs for income and expenditure vary from 3 – 7%, indicating quality varying from very good (3%) to good (7%). At the provincial level the RSEs for the income and expenditure estimates vary from 3% to usable (12%).

Table A-2 Monthly household expenditure estimates and respective relative standard errors, 2010 HIES

Province	Expenditure Group	Estimate ('000)	RSE	Rating
Torba	**Total Household Expenditure**	**106,426**	**16.62%**	Usable
	1 Household Food	78,065	16.88%	Usable
	2 Housing	3,667	19.72%	Usable
	3 Household Operations	11,173	19.94%	Usable
	4 Clothing & Footwear	202	23.47%	Usable
	5 Transport	1,403	29.85%	To be cautious
	6 Alcohol, kava & tobacco	4,068	19.38%	Usable
	7 Miscellaneous	3,755	28.87%	To be cautious
	8a: Non-consumption expenditure	4,934	22.95%	Usable
	9a: Gifts received (including remittances)	1,214	50.89%	To be cautious
Sanma (Rural)	**Total Household Expenditure**	**491,386**	**5.22%**	Very good
	1 Household Food	344,201	5.64%	Good
	2 Housing	21,095	19.37%	Usable
	3 Household Operations	52,118	7.61%	Good
	4 Clothing & Footwear	976	21.03%	Usable
	5 Transport	20,317	25.35%	Usable
	6 Alcohol, kava & tobacco	17,577	13.52%	Usable
	7 Miscellaneous	18,147	11.81%	Usable
	8a: Non-consumption expenditure	20,152	14.43%	Usable
	9a: Gifts received (including remittances)	2,649	46.23%	To be cautious
Penama	**Total Household Expenditure**	**494,254**	**5.23%**	Very good
	1 Household Food	317,275	5.74%	Good
	2 Housing	19,844	14.44%	Usable
	3 Household Operations	53,769	10.17%	Good
	4 Clothing & Footwear	658	15.03%	Usable
	5 Transport	13,664	18.10%	Usable
	6 Alcohol, kava & tobacco	18,812	13.29%	Usable
	7 Miscellaneous	24,694	10.39%	Good
	8a: Non-consumption expenditure	46,762	11.13%	Usable
	9a: Gifts received (including remittances)	6,560	21.40%	Usable
Malampa	**Total Household Expenditure**	**489,579**	**5.88%**	Good
	1 Household Food	315,667	6.41%	Good
	2 Housing	19,464	9.02%	Good
	3 Household Operations	46,056	7.41%	Good
	4 Clothing & Footwear	1,402	17.19%	Usable
	5 Transport	14,460	13.29%	Usable
	6 Alcohol, kava & tobacco	29,325	12.93%	Usable
	7 Miscellaneous	28,121	13.03%	Usable
	8a: Non-consumption expenditure	35,837	12.53%	Usable
	9a: Gifts received (including remittances)	4,504	33.36%	To be cautious

Continued

Province	Expenditure Group	Estimate ('000)	RSE	Rating
Shefa (Rural)	**Total Household Expenditure**	**597,333**	**10.89%**	Usable
	1 Household Food	305,640	8.69%	Good
	2 Housing	46,933	38.49%	To be cautious
	3 Household Operations	83,024	18.67%	Usable
	4 Clothing & Footwear	2,146	21.77%	Usable
	5 Transport	41,396	25.20%	Usable
	6 Alcohol, kava & tobacco	26,401	15.90%	Usable
	7 Miscellaneous	47,847	17.72%	Usable
	8a: Non-consumption expenditure	42,031	15.18%	Usable
	9a: Gifts received (including remittances)	5,005	29.47%	To be cautious
Tafea	**Total Household Expenditure**	**444,209**	**6.98%**	Good
	1 Household Food	285,912	7.09%	Good
	2 Housing	17,093	14.28%	Usable
	3 Household Operations	51,358	12.40%	Usable
	4 Clothing & Footwear	849	21.19%	Usable
	5 Transport	15,309	22.12%	Usable
	6 Alcohol, kava & tobacco	24,599	9.26%	Good
	7 Miscellaneous	11,458	15.26%	Usable
	8a: Non-consumption expenditure	31,936	18.89%	Usable
	9a: Gifts received (including remittances)	9,449	37.41%	To be cautious
Rural	**Total Household Expenditure**	**2,623,186**	**3.34%**	Very good
	1 Household Food	1,646,761	2.98%	Very good
	2 Housing	128,095	14.83%	Usable
	3 Household Operations	297,498	6.23%	Good
	4 Clothing & Footwear	6,233	9.66%	Good
	5 Transport	106,550	11.75%	Usable
	6 Alcohol, kava & tobacco	120,783	5.84%	Good
	7 Miscellaneous	134,021	7.49%	Good
	8a: Non-consumption expenditure	181,652	6.37%	Good
	9a: Gifts received (including remittances)	29,382	15.52%	Usable
Port Vila	**Total Household Expenditure**	**998,752**	**5.09%**	Very good
	1 Household Food	410,767	5.34%	Very good
	2 Housing	116,651	8.64%	Good
	3 Household Operations	189,699	8.37%	Good
	4 Clothing & Footwear	6,866	9.64%	Good
	5 Transport	86,324	11.82%	Usable
	6 Alcohol, kava & tobacco	46,228	10.70%	Usable
	7 Miscellaneous	76,817	7.11%	Good
	8a: Non-consumption expenditure	59,498	11.53%	Usable
	9a: Gifts received (including remittances)	10,425	28.48%	To be cautious
Luganville	**Total Household Expenditure**	**208,816**	**11.93%**	Usable
	1 Household Food	104,457	10.89%	Usable
	2 Housing	19,107	12.31%	Usable
	3 Household Operations	41,107	15.83%	Usable
	4 Clothing & Footwear	1,148	16.51%	Usable
	5 Transport	12,664	16.38%	Usable
	6 Alcohol, kava & tobacco	10,630	17.46%	Usable
	7 Miscellaneous	11,419	14.48%	Usable
	8a: Non-consumption expenditure	8,524	19.72%	Usable
	9a: Gifts received (including remittances)	797	38.78%	To be cautious
Urban	**Total Household Expenditure**	**1,207,567**	**4.69%**	Very good
	1 Household Food	515,223	4.80%	Very good
	2 Housing	135,758	7.63%	Good
	3 Household Operations	230,806	7.44%	Good
	4 Clothing & Footwear	8,014	8.59%	Good
	5 Transport	98,988	10.52%	Usable
	6 Alcohol, kava & tobacco	56,857	9.29%	Good
	7 Miscellaneous	88,236	6.47%	Good
	8a: Non-consumption expenditure	68,022	10.38%	Good
	9a: Gifts received (including remittances)	11,222	26.60%	To be cautious

Continued

<table>
<tr><th>Province</th><th>Expenditure Group</th><th>Estimate ('000)</th><th>RSE</th><th colspan="2">Rating</th></tr>
<tr><td>Vanuatu</td><td>Total Household Expenditure</td><td>3,830,754</td><td>2.72%</td><td>||</td><td>Very good</td></tr>
<tr><td></td><td>1 Household Food</td><td>2,161,984</td><td>2.54%</td><td>||</td><td>Very good</td></tr>
<tr><td></td><td>2 Housing</td><td>263,852</td><td>8.20%</td><td>||||||||</td><td>Good</td></tr>
<tr><td></td><td>3 Household Operations</td><td>528,304</td><td>4.78%</td><td>||||</td><td>Very good</td></tr>
<tr><td></td><td>4 Clothing & Footwear</td><td>14,247</td><td>6.42%</td><td>||||||</td><td>Good</td></tr>
<tr><td></td><td>5 Transport</td><td>205,538</td><td>7.92%</td><td>|||||||</td><td>Good</td></tr>
<tr><td></td><td>6 Alcohol, kava & tobacco</td><td>177,641</td><td>4.96%</td><td>||||</td><td>Very good</td></tr>
<tr><td></td><td>7 Miscellaneous</td><td>222,257</td><td>5.19%</td><td>|||||</td><td>Very good</td></tr>
<tr><td></td><td>8a: Non-consumption expenditure</td><td>249,675</td><td>5.43%</td><td>|||||</td><td>Very good</td></tr>
<tr><td></td><td>9a: Gifts received (including remittances)</td><td>40,604</td><td>13.42%</td><td>|||||||||||||</td><td>Usable</td></tr>
</table>

Table A-3 Monthly household income estimates and respective relative standard errors, 2010 HIES

<table>
<tr><th>Province</th><th>Income Group</th><th>Estimate ('000)</th><th>RSE</th><th colspan="2">Rating</th></tr>
<tr><td>Torba</td><td>Total Household Income</td><td>116,563</td><td>21.30%</td><td>|||||||||||||||||||||</td><td>Usable</td></tr>
<tr><td></td><td>1 Wages, Salaries</td><td>12,713</td><td>60.81%</td><td>||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>2 Cash crops</td><td>24,551</td><td>42.14%</td><td>||||||||||||||||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>3 Root crops</td><td>1,307</td><td>34.85%</td><td>||||||||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>4 Livestock</td><td>3,963</td><td>31.12%</td><td>|||||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>5 Seafood</td><td>6,811</td><td>74.33%</td><td>||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>6 Household produced items</td><td>10,652</td><td>52.15%</td><td>||||||||||||||||||||||||||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>7 Handicrafts</td><td>571</td><td>33.78%</td><td>|||||||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>8 Services provided to other h'holds</td><td>121</td><td>55.11%</td><td>|||||||||||||||||||||||||||||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>9 Other income</td><td>272</td><td>70.79%</td><td>||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>10 Gambling winnings</td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td>11 Gifts received - goods</td><td>2,040</td><td>43.43%</td><td>|||||||||||||||||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>12 Gifts received - cash</td><td>657</td><td>31.96%</td><td>|||||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>13 Home consumption</td><td>52,903</td><td>19.12%</td><td>|||||||||||||||||||</td><td>Usable</td></tr>
<tr><td>Sanma (Rural)</td><td>Total Household Income</td><td>654,551</td><td>7.31%</td><td>|||||||</td><td>Good</td></tr>
<tr><td></td><td>1 Wages, Salaries</td><td>93,764</td><td>27.62%</td><td>|||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>2 Cash crops</td><td>206,921</td><td>12.83%</td><td>||||||||||||</td><td>Usable</td></tr>
<tr><td></td><td>3 Root crops</td><td>13,002</td><td>18.20%</td><td>||||||||||||||||||</td><td>Usable</td></tr>
<tr><td></td><td>4 Livestock</td><td>41,572</td><td>24.31%</td><td>||||||||||||||||||||||||</td><td>Usable</td></tr>
<tr><td></td><td>5 Seafood</td><td>3,790</td><td>29.38%</td><td>|||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>6 Household produced items</td><td>12,372</td><td>29.00%</td><td>|||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>7 Handicrafts</td><td>3,025</td><td>32.63%</td><td>||||||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>8 Services provided to other h'holds</td><td>728</td><td>36.71%</td><td>||||||||||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>9 Other income</td><td>1,497</td><td>72.87%</td><td>||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>10 Gambling winnings</td><td>16</td><td>23.44%</td><td>|||||||||||||||||||||||</td><td>Usable</td></tr>
<tr><td></td><td>11 Gifts received - goods</td><td>6,653</td><td>22.97%</td><td>||||||||||||||||||||||</td><td>Usable</td></tr>
<tr><td></td><td>12 Gifts received - cash</td><td>5,320</td><td>35.08%</td><td>|||||||||||||||||||||||||||||||||||</td><td>To be cautious</td></tr>
<tr><td></td><td>13 Home consumption</td><td>265,892</td><td>6.10%</td><td>||||||</td><td>Good</td></tr>
</table>

Continued

Province	Income Group	Estimate ('000)	RSE	Rating	
Penama	**Total Household Income**	**460,875**	**7.79%**	|||	Good
	1 Wages, Salaries	37,280	27.04%	||||||||||||||||||||||||	To be cautious
	2 Cash crops	118,046	24.22%	||||||||||||||||||||||	Usable
	3 Root crops	4,486	22.35%	||||||||||||||||||||	Usable
	4 Livestock	22,974	14.85%	||||||||||||	Usable
	5 Seafood	2,051	40.35%	||||||||||||||||||||||||||||||||||	To be cautious
	6 Household produced items	11,969	38.53%	||||||||||||||||||||||||||||||||	To be cautious
	7 Handicrafts	5,930	23.47%	||||||||||||||||||||	Usable
	8 Services provided to other h'holds	1,507	24.19%	||||||||||||||||||||	Usable
	9 Other income	1,113	59.58%	||||||||||||||||||||||||||||||||||||||||||||||||||	To be cautious
	10 Gambling winnings	25	28.87%	||||||||||||||||||||||||	To be cautious
	11 Gifts received - goods	16,482	14.19%	||||||||||||	Usable
	12 Gifts received - cash	12,269	21.65%	||||||||||||||||||	Usable
	13 Home consumption	226,742	7.89%	|||||||	Good
Malampa	**Total Household Income**	**517,286**	**6.12%**	||||||	Good
	1 Wages, Salaries	63,474	19.67%	||||||||||||||||	Usable
	2 Cash crops	156,087	9.91%	||||||||	Good
	3 Root crops	7,897	16.35%	||||||||||||||	Usable
	4 Livestock	27,846	16.53%	||||||||||||||	Usable
	5 Seafood	4,809	31.48%	||||||||||||||||||||||||||||	To be cautious
	6 Household produced items	9,149	17.06%	||||||||||||||||	Usable
	7 Handicrafts	6,244	21.68%	||||||||||||||||||	Usable
	8 Services provided to other h'holds	1,987	45.51%	||||||||||||||||||||||||||||||||||||	To be cautious
	9 Other income	249	42.38%	||||||||||||||||||||||||||||||||||	To be cautious
	10 Gambling winnings				
	11 Gifts received - goods	9,753	24.02%	||||||||||||||||||||||	Usable
	12 Gifts received - cash	9,365	17.02%	||||||||||||||||	Usable
	13 Home consumption	220,426	7.46%	|||||||	Good
Shefa (Rural)	**Total Household Income**	**871,944**	**30.83%**	||||||||||||||||||||||||||	To be cautious
	1 Wages, Salaries	515,781	50.93%	||||||||||||||||||||||||||||||||||||||||||||||	To be cautious
	2 Cash crops	66,127	15.97%	||||||||||||||	Usable
	3 Root crops	44,655	21.10%	||||||||||||||||||	Usable
	4 Livestock	15,910	30.24%	||||||||||||||||||||||||||	To be cautious
	5 Seafood	7,609	30.63%	||||||||||||||||||||||||||	To be cautious
	6 Household produced items	22,639	33.47%	||||||||||||||||||||||||||||||	To be cautious
	7 Handicrafts	7,320	24.27%	||||||||||||||||||||	Usable
	8 Services provided to other h'holds	6,043	32.78%	||||||||||||||||||||||||||||	To be cautious
	9 Other income	6,968	57.07%	||||||||||||||||||||||||||||||||||||||||||||||||	To be cautious
	10 Gambling winnings	243	52.93%	||||||||||||||||||||||||||||||||||||||||||||||	To be cautious
	11 Gifts received - goods	7,085	23.29%	||||||||||||||||||||	Usable
	12 Gifts received - cash	13,799	28.72%	||||||||||||||||||||||||	To be cautious
	13 Home consumption	157,763	9.91%	||||||||	Good

Continued

Province	Income Group	Estimate ('000)	RSE	Rating	
Tafea	**Total Household Income**	**366,097**	**6.23%**		Good
	1 Wages, Salaries	19,384	24.65%		Usable
	2 Cash crops	30,777	14.93%		Usable
	3 Root crops	7,682	24.94%		Usable
	4 Livestock	29,554	18.75%		Usable
	5 Seafood	8,560	39.51%		To be cautious
	6 Household produced items	2,551	31.06%		To be cautious
	7 Handicrafts	3,985	21.15%		Usable
	8 Services provided to other h'holds	1,671	33.42%		To be cautious
	9 Other income	1,087	60.53%		To be cautious
	10 Gambling winnings	38	14.54%		Usable
	11 Gifts received - goods	14,029	29.46%		To be cautious
	12 Gifts received - cash	6,198	35.46%		To be cautious
	13 Home consumption	240,581	6.19%		Good
Rural	**Total Household Income**	**2,987,316**	**9.35%**		Good
	1 Wages, Salaries	742,396	35.64%		To be cautious
	2 Cash crops	602,510	7.42%		Good
	3 Root crops	79,030	12.71%		Usable
	4 Livestock	141,818	9.73%		Good
	5 Seafood	33,630	20.32%		Usable
	6 Household produced items	69,333	16.16%		Usable
	7 Handicrafts	27,075	10.86%		Usable
	8 Services provided to other h'holds	12,057	19.03%		Usable
	9 Other income	11,187	37.85%		To be cautious
	10 Gambling winnings	322	40.14%		To be cautious
	11 Gifts received - goods	56,042	10.39%		Good
	12 Gifts received - cash	47,607	12.19%		Usable
	13 Home consumption	1,164,308	3.24%		Very good
Port Vila	**Total Household Income**	**972,490**	**6.44%**		Good
	1 Wages, Salaries	754,117	7.34%		Good
	2 Cash crops	23,863	26.78%		To be cautious
	3 Root crops	10,702	26.24%		To be cautious
	4 Livestock	3,237	50.03%		To be cautious
	5 Seafood	1,638	62.94%		To be cautious
	6 Household produced items	48,422	36.16%		To be cautious
	7 Handicrafts	8,772	53.77%		To be cautious
	8 Services provided to other h'holds	2,181	21.12%		Usable
	9 Other income	14,994	22.97%		Usable
	10 Gambling winnings	817	67.94%		To be cautious
	11 Gifts received - goods	13,272	25.96%		To be cautious
	12 Gifts received - cash	17,320	25.81%		To be cautious
	13 Home consumption	73,154	16.16%		Usable

Continued

Province	Income Group	Estimate ('000)	RSE	Rating
Luganville	**Total Household Income**	**196,397**	**12.14%**	Usable
	1 Wages, Salaries	128,736	11.55%	Usable
	2 Cash crops	4,048	30.03%	To be cautious
	3 Root crops	737	56.00%	To be cautious
	4 Livestock	4,142	44.55%	To be cautious
	5 Seafood	639	52.70%	To be cautious
	6 Household produced items	22,604	72.79%	To be cautious
	7 Handicrafts	2,765	39.10%	To be cautious
	8 Services provided to other h'holds	346	36.89%	To be cautious
	9 Other income	846	37.58%	To be cautious
	10 Gambling winnings			
	11 Gifts received - goods	1,937	23.47%	Usable
	12 Gifts received - cash	3,261	23.02%	Usable
	13 Home consumption	26,334	10.61%	Usable
Urban	**Total Household Income**	**1,168,886**	**5.74%**	Good
	1 Wages, Salaries	882,853	6.50%	Good
	2 Cash crops	27,911	23.31%	Usable
	3 Root crops	11,439	24.81%	Usable
	4 Livestock	7,380	33.27%	To be cautious
	5 Seafood	2,277	47.63%	To be cautious
	6 Household produced items	71,026	33.83%	To be cautious
	7 Handicrafts	11,537	41.94%	To be cautious
	8 Services provided to other h'holds	2,527	18.92%	Usable
	9 Other income	15,840	21.84%	Usable
	10 Gambling winnings	817	67.94%	To be cautious
	11 Gifts received - goods	15,209	22.85%	Usable
	12 Gifts received - cash	20,581	22.02%	Usable
	13 Home consumption	99,489	12.21%	Usable
Vanuatu	**Total Household Income**	**4,156,202**	**6.91%**	Good
	1 Wages, Salaries	1,625,248	16.66%	Usable
	2 Cash crops	630,421	7.17%	Good
	3 Root crops	90,469	11.54%	Usable
	4 Livestock	149,198	9.39%	Good
	5 Seafood	35,908	19.27%	Usable
	6 Household produced items	140,360	18.89%	Usable
	7 Handicrafts	38,612	14.66%	Usable
	8 Services provided to other h'holds	14,584	16.07%	Usable
	9 Other income	27,027	20.23%	Usable
	10 Gambling winnings	1,139	50.04%	To be cautious
	11 Gifts received - goods	71,251	9.51%	Good
	12 Gifts received - cash	68,188	10.80%	Usable
	13 Home consumption	1,263,796	3.14%	Very good

Annex 2: Expenditure by item and transaction type, 2010 HIES

Annex 2, Table 1 Household monthly expenditure by expenditure item, sub-group and major group, type of transaction and region, 2010 HIES

		Type of expenditure transaction and monthly total										
		Rural					Urban					
Group	Item	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Vanuatu
Major Group 1: Food		**473,678,600**	**1,015,984,400**		**26,256,500**		**340,804,900**	**88,221,700**		**5,584,800**		**1,950,531,000**
Fruit	Apples	622,100				1,180	903,000			12,800	1,250	1,537,900
	Avocado	37,500	226,700			650	23,800	10,000			60	298,000
	Bananas (Cooking)	2,224,400	146,234,200		1,430,600	32,560	3,098,200	11,783,800		134,300	5,840	164,905,600
	Chestnuts/ Namambe	63,400	4,287,500		25,600	2,990	26,100	194,500			200	4,597,000
	Green Coconut	1,046,400	14,208,800		317,600	20,570	1,041,600	1,376,500		15,800	3,850	18,006,800
	Dry Coconut / Copra	1,284,300	52,137,100		109,100	30,430	3,752,400	3,475,000		45,100	6,930	60,803,000
	Nangai	99,600	2,975,400		135,700	3,500	126,400	141,400		29,300	510	3,507,700
	Navele	82,700	4,939,400		39,100	5,700	110,200	524,100			700	5,695,500
	Lemons	67,400	549,600		17,200	1,660	71,200	181,000		3,000	540	889,400
	Mangoes	914,500	36,120,800		1,249,300	18,120	1,781,100	4,393,800		321,300	4,590	44,780,700
	Oranges	170,400	2,721,400		53,300	4,670	473,500	446,000			1,220	3,864,600
	Paw paws	272,800	16,899,600		173,300	19,850	1,211,500	4,487,000		125,400	5,050	23,169,500
	Peaches	111,300				160	3,700				20	114,900
	Pears	23,200				70	143,200				160	166,400
	Pineapples	1,311,500	16,542,500		315,400	11,590	2,446,200	1,498,800		64,000	3,080	22,178,400
	Watermelon & rock melon	2,573,900	21,336,600		819,300	10,510	1,778,400	1,831,600		223,000	2,280	28,562,800
	Tinned Fruit Salad	18,900				30	98,000			18,300	120	135,200
	Tinned Peaches	110,200				270	11,500				40	121,700
	Tinned Pears	7,500				30	1,200				10	8,700
	Tinned Pineapples	17,700				60	17,900				30	35,700
	Dried Fruits		2,900			10		3,600			10	6,500
	Other fresh fruits NEC	207,800	7,602,300		121,200	6,740	445,500	944,500		22,000	1,690	9,343,200
	Other tinned and bottled fruits NEC	24,000				50	3,900				10	27,900
	Bread fruit	479,400	11,379,600		322,300	7,080	86,700	625,600		9,700	490	12,903,300
	Pandanus	47,200	357,800		228,500	460	4,400	9,700			10	647,500
	Five corner (Star fruit)	13,600	18,200			70		1,800			10	33,600
	Nangai nut & Cut nut	10,800	302,200		20,800	510	78,400	51,900			130	464,200
	Ripe Bananas	340,800	6,080,100		178,200	8,600	1,023,700	1,179,000		7,300	2,430	8,808,900
	Oranges & Mandarin (local)	219,600	3,190,500		53,200	5,460	98,400	303,300			580	3,865,100
	Bamboo	17,300	890,000			390		73,300			20	980,600

continued ...

Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total									
		Rural					Urban				
Group	**Item**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Vanuatu**
	Fruits or fruit products NEC	50,000	2,431,300		28,300	2,480	209,400	248,100			660	2,967,100
Fruit total		**12,470,000**	**351,434,400**		**5,638,100**		**19,069,400**	**33,784,300**		**1,031,300**		**423,427,400**
Vegetables	Taro leaves	49,700	758,200		6,200	1,510	23,700	70,600			120	908,500
	Island Cabbage	2,861,500	64,172,700		597,200	33,420	10,772,800	7,402,400		63,200	9,050	85,869,900
	Manioc	1,157,200	84,979,300		509,400	27,280	2,120,000	11,552,500		149,100	5,290	100,467,500
	Carrots	444,600	577,300			1,670	945,300	290,300			1,350	2,257,400
	Cucumber	830,400	5,821,000		74,600	9,470	1,138,300	1,258,000		9,200	2,850	9,131,500
	Pumpkin	222,400	7,242,000		40,900	8,300	230,100	593,500		54,000	1,310	8,382,800
	Yam	2,058,900	66,182,200		768,100	18,700	864,800	2,498,200		370,900	1,550	72,743,000
	Kumala (sweet potato)	3,085,900	58,732,500		677,100	22,350	5,588,900	6,614,200		28,000	5,550	74,726,600
	Potatoes	795,600				910	1,440,100			11,000	1,560	2,246,700
	Island Taro/ Taro Fiji	2,950,300	123,712,600		1,947,900	27,710	3,027,900	6,615,300		301,800	4,650	138,555,800
	Leaf laplap	210,700	11,171,500		39,300	13,000	818,300	939,700		29,300	2,060	13,208,800
	Onions and chives	2,322,200	627,200			6,860	3,236,300	98,200		33,000	5,050	6,316,900
	Laplap (Yam, banana, manioc, etc..)	5,717,700	23,297,800		1,636,000	15,720	2,288,500	1,473,900		58,600	3,590	34,472,500
	Tomatoes	610,300	4,746,000		55,700	7,700	802,300	394,300			1,910	6,608,600
	Other fresh vegetables	84,500	1,948,000		52,100	2,610	369,600	119,200		7,300	620	2,580,800
	Frozen vegetables (include mixed vege.)	176,400				90	69,000				80	245,400
	Tinned and bottled vegetables	44,000				70	128,600				170	172,600
	Dried vegetables	30,800				120	26,800				30	57,700
	Vegetable Juices	103,700				120	32,600				60	136,300
	Tinned Tomato	23,200				40	118,000				170	141,200
	Bowl Cabbage	985,400	2,249,500		30,800	3,680	1,097,600	325,000		2,400	1,820	4,690,800
	Chinese Cabbage (white bun)	988,600	4,598,200		136,700	7,090	1,496,800	730,900		16,900	2,390	7,968,000
	Lettuce	272,100	1,467,100			3,090	678,000	154,800		9,100	1,250	2,581,100
	Vanilla	18,500	3,300			30						21,800
	Capsicum	157,600	1,708,800		4,500	3,430	297,300	151,800			620	2,320,000
	Mushroom	44,900				130	17,300				20	62,100
	Broccoli/Cauliflower		138,500		4,700	200	40,800				40	184,000
	Water Taro	1,629,000	40,651,000		830,000	11,400	918,400	1,044,800		96,100	1,210	45,169,300
	Corn	1,058,900	15,625,700		267,100	11,350	992,400	857,800		9,700	2,170	18,811,600
	Parsley	7,300				20						7,300
	Beans	491,200	4,847,800		50,500	8,030	928,400	438,900		2,400	2,020	6,759,200
	Vegetables NEC	19,100	379,200		4,200	900	57,600	82,400		12,100	200	554,600
	Pumpkin top	25,300	1,831,900			4,050	94,400	548,000		2,400	890	2,502,000
	Fern cabbage	50,900	2,176,800		46,000	4,210	58,300	37,100			120	2,369,100

continued …

Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total									
		Rural					Urban				
Group	**Item**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Vanuatu**
	Water cress	167,400	879,800		42,300	1,930	261,700	174,200		1,200	580	1,526,600
	Spring onions & other herbs	314,000	2,050,000		6,900	4,580	711,400	123,600			1,300	3,206,000
	Top blong susut	182,500	2,114,500		38,500	3,990	394,500	584,200			1,110	3,314,200
	Fruit blong susud	38,600	556,900			1,330	3,600	81,100			160	680,200
Vegetables total		**30,231,300**	**535,247,300**		**7,866,500**		**42,090,700**	**45,254,700**		**1,267,800**		**661,958,400**
Meat & meat products	Beef fresh/frozen	9,999,500	13,566,000		859,500	11,990	12,838,800	1,039,500		1,022,800	6,350	39,326,200
	Lamb chops	6,500				10	58,800				100	65,300
	Meat in brine	63,100				60	71,000				100	134,100
	Pork fresh/frozen	1,048,100	16,103,000		1,251,500	5,420	461,100	314,500			300	19,178,300
	Sausages	506,700				400	1,787,300				1,300	2,294,000
	Steak (meat) / Fried	712,300	335,900		13,800	960	2,668,700	189,500			1,720	3,920,300
	Other fresh/frozen meat	673,100	680,100		98,300	900	349,100	51,000		1,800	390	1,853,400
	Tinned Corned Beef	220,900			4,000	270	497,500				480	722,400
	Tinned Santo meat	338,400				360	112,900				170	451,400
	Tinned Casseroles	900				0						900
	Tinned Irish stew						78,300				40	78,300
	Tinned Luncheon meat	51,500				70	63,600				100	115,100
	Bacon						90,300				20	90,300
	Tinned pork	648,200			4,900	1,010	184,800				380	837,900
	Other tinned meat	1,481,400				1,500	271,300				380	1,752,700
	Oxford tinned meat	7,432,700			34,900	6,510	6,125,900			4,200	4,750	13,597,700
	Other meat NEC	793,200	1,776,500		120,600	1,550	799,900	203,300			620	3,693,600
Meat & meat products total		**23,976,600**	**32,461,600**		**2,387,700**		**26,459,200**	**1,797,900**		**1,028,800**		**88,111,800**
Poultry	Chicken/ Local chicken	3,080,500	33,201,800		654,600	13,510	1,972,800	2,122,300		124,400	1,770	41,156,600
	Chicken (chicken parts)	13,935,400	1,086,700		158,600	5,120	26,821,200	257,900		279,000	6,450	42,538,700
	Curry chicken	553,200	13,400			820	484,000			1,800	670	1,052,400
	Lupe	35,000				10						35,000
	Ducks		22,700			20		6,600		36,700	20	66,100
	Duck Parts	12,200				20	11,000				30	23,200
	Turkey		35,400		2,400	30	16,500				20	54,300
	Turkey Parts		14,200			40		16,500			20	30,700
	Tinned Poultry	150,100				290	38,700			3,700	60	192,500
	Goose	62,100	22,600			80	31,900				70	116,600
	Other birds	122,400	2,038,900		9,100	1,640	81,500	129,100		6,000	120	2,387,000
Poultry total		**17,950,800**	**36,435,800**		**824,700**		**29,457,600**	**2,532,400**		**451,600**		**87,652,900**

continued …

Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total										
		Rural					Urban					
Group	**Item**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Vanuatu**
Fish (incl. Shellfish)	Palolo worm	22,600	163,100			220						185,700
	Tuna/ Bonito	86,400	141,800			230	128,600	51,200			140	407,900
	Flying fish	213,700	1,539,900			450	36,700				20	1,790,300
	Reef Fish	1,073,400	10,382,700		271,900	5,870	1,547,800	1,653,900		95,300	1,730	15,025,100
	Other fish	3,241,000	27,985,700		652,900	13,810	1,192,600	1,398,200		116,200	1,560	34,586,500
	Crayfish (lobster)	69,500	2,821,800			2,220	55,000	162,300			50	3,108,700
	Octopus, Squids	83,200	427,600		7,900	590	15,900	38,100			40	572,700
	Crab kokonas	190,600	2,995,100			1,190		13,300			10	3,198,900
	Tinned sardines	46,600				70	74,800				120	121,400
	Tinned Mackerel	3,832,100			12,400	3,650	762,600			1,900	870	4,609,000
	Tinned Tuna	25,329,700			117,400	22,290	13,067,400			16,500	8,250	38,531,000
	Other Tinned Fish	17,380,200			110,300	14,490	5,624,600			7,000	4,480	23,122,100
	Turtle	15,600	92,800		3,500	70	4,400	2,400			20	118,700
	Dried Fish		55,000			40	27,500				30	82,500
	Salt Fish	13,200	248,500			340	10,900	57,100			60	329,800
	Other shell fish NEC	196,800	3,483,900		33,700	3,900	323,000	144,300		81,000	350	4,262,700
Fish (incl. Shellfish) total		**51,794,600**	**50,337,900**		**1,210,000**		**22,871,700**	**3,520,800**		**317,900**		**130,052,900**
Bread & biscuits	Bread (batard, baguette)	37,227,900	1,775,100		461,400	21,410	38,649,000	359,000		56,900	10,110	78,529,300
	Bread (sliced)	56,400				130	123,300				150	179,700
	Bread (loaf, square, rolls, French)	75,700	97,300			90	95,100				140	268,100
	Buns	12,276,100			122,900	11,370	8,856,400			198,700	6,180	21,454,000
	Coconut Bread	19,488,800			290,900	15,660	6,970,300			6,400	4,490	26,756,400
	Cream cracker, biscuits	10,073,000	638,300		56,400	13,190	4,916,800	281,800			5,210	15,966,300
	Cabin Biscuits	1,232,900	312,100		99,000	2,160	933,000	29,500		26,800	1,120	2,633,300
	Doughnuts, Kato	115,500	27,300			270	73,100	37,800			190	253,800
	Cakes incl. Pastries, buns	18,700				50	121,700				30	140,400
	Meringue pies and other pies	126,600	33,700		9,900	280	227,700	36,700			340	434,500
	Puliini (Puddings incl. laplap)	236,200				350	297,500				320	533,800
	Banana bread	223,700	9,800			550	581,200				920	814,600
	Other bread and biscuits	520,900	5,300		5,100	610	459,200				530	990,500
Bread & biscuits total		**81,672,300**	**2,898,900**		**1,045,700**		**62,304,300**	**744,700**		**288,800**		**148,954,800**
Cereal & cereal products	Rice Bubbles	563,600				640	286,700				280	850,300
	Cornflakes	133,100				150	163,900				100	297,000
	Weet bix	51,800				60	168,300				170	220,100
	Rolled Oats	46,500				130	46,700				80	93,200
	Vermicelli	188,900				440	36,600				80	225,500

continued …

Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total									
		Rural					Urban				
Group	**Item**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Vanuatu**
	Noodles	13,904,500			75,100	19,640	6,227,200			29,400	7,120	20,236,300
	Rice (imported)	125,059,400			4,314,100	31,840	45,263,900			706,800	9,810	175,344,200
	Pasta	23,200				50	30,300				70	53,400
	Flour	6,724,700				3,690	2,159,800			41,700	1,220	8,926,200
	Self-Raising Flour	278,000				330	206,300				210	484,300
	Corn flour	114,600				200	122,100				240	236,700
	Other Cereal and cereal Products NEC	129,300				120	196,100				130	325,400
Cereal & cereal products total		**147,217,500**			**4,389,200**		**54,908,000**			**777,900**		**207,292,600**
Dairy & milk products	Milk powder	2,179,800				1,840	2,612,900				1,790	4,792,700
	Condensed milk	197,800				280	608,300				670	806,200
	Fresh/UHT milk	418,400	3,200			480	290,300	7,300			510	719,300
	Other milk (flavoured etc)	421,600				530	1,277,000				1,220	1,698,600
	Cheese	41,100				60	191,200				170	232,300
	Yoghurt	18,100				20	5,100				20	23,300
	Sour cream	1,000				0	10,800				20	11,900
	Ice cream, container	2,189,400				2,400	5,317,100			18,300	4,600	7,524,800
	Whipped Cream	4,400				20						4,400
	Ice cream cone, packet						1,200				10	1,200
	Reduced Cream						10,300				20	10,300
	Other dairy and milk products NEC	252,800				240	425,200				310	678,000
Dairy & milk products total		**5,724,400**	**3,200**				**10,749,500**	**7,300**		**18,300**		**16,502,700**
Farm products, fats & oils	Cooking oil (incl. salad oil)	9,200,600				11,300	4,372,800			42,300	4,860	13,615,700
	Butter/margarine	3,774,300			6,300	4,030	5,619,200			32,300	5,140	9,432,000
	Egg	1,771,000	1,334,800		55,400	4,830	3,533,300	82,400		52,400	3,180	6,829,400
Farm products, fats & oils total		**14,746,000**	**1,334,800**		**61,700**		**13,525,200**	**82,400**		**127,000**		**29,877,200**
Non-alcoholic beverages	Soft drinks (lemonade, coke, fanta etc)	4,175,800			31,300	4,840	4,861,500			34,800	4,100	9,103,400
	Mineral water	1,915,900			2,100	1,590	2,346,700				1,960	4,264,700
	Other beverages NEC	5,939,400	127,700		19,100	7,020	5,324,800	30,100		2,400	4,270	11,443,600
Non-alcoholic beverages total		**12,031,200**	**127,700**		**52,500**		**12,533,000**	**30,100**		**37,200**		**24,811,700**
Sugar and confectionery	Sugar	22,656,600			122,000	20,610	9,522,300			31,700	7,530	32,332,600
	Twisties, rashuns, chips, bongo	3,513,200			103,100	7,550	3,701,800			3,700	5,530	7,321,800
	Lollies	3,245,600			23,900	10,930	1,966,600			29,300	4,350	5,265,400
	Chewing gum	1,776,100			32,800	7,940	1,160,200				3,730	2,969,100
	Chocolate bars	569,000				1,310	1,150,000				1,300	1,719,000
	Peanuts	3,285,800	3,893,700		184,700	8,660	2,632,900	376,100		12,200	3,940	10,385,400

continued …

Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total										
		Rural					Urban					
Group	**Item**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Vanuatu**
	Icing Sugar (white sugar)	602,600				590	25,700				110	628,200
	Ice Block	564,700	17,800			1,630	1,466,600	1,900		2,400	2,990	2,053,400
	Manioc Chips	10,100	21,800			40	200				10	32,100
	Other confectionery goods NEC	239,800				480	672,300				680	912,100
Sugar and confectionery total		**36,463,500**	**3,933,200**		**466,500**		**22,298,500**	**378,100**		**79,300**		**63,619,200**
Other foods	Coffee	374,800	1,900			830	303,700	7,300			490	687,700
	Cocoa	15,000	61,500			180	14,200	1,000			40	91,600
	Milo	1,170,800				1,790	1,557,000				1,580	2,727,800
	Tea	802,500			5,200	2,490	702,400				1,720	1,510,000
	Jam	146,200	17,000			340	430,800	2,400			580	596,400
	Peanut Butter	2,764,400				3,830	3,044,900				3,530	5,809,300
	Marmite	20,100				40	48,800				110	68,900
	Curry powder	1,303,500				2,310	556,200				900	1,859,600
	Spices (garlic)	87,100	3,200			200	213,300	44,000			430	347,600
	Spices (ginger)						24,100				20	24,100
	Soya sauce	1,026,700				1,950	855,500				1,430	1,882,200
	Tomato Sauce	490,600			9,100	890	524,500				900	1,024,100
	Other sauces (oyster, sweet chili etc)	7,500				30	2,500				10	10,000
	Maggi sauce	216,000			5,400	410	376,100				590	597,500
	Baby food	101,600			4,000	50	595,200				200	700,800
	Coconut cream	5,400	29,200			130						34,600
	Spaghetti	111,800				200	181,500				260	293,300
	Salt	8,342,500			30,800	17,750	2,165,000			3,700	3,840	10,542,000
	Soup sachets	8,800				40	18,300				20	27,200
	Drink mix (refresh, vita fresh, cordial)	12,500				20						12,500
	Party ice						1,200				10	1,200
	Ice cream cones	37,700				60	22,000				30	59,700
	Tomato Paste	36,600				80	63,400				110	100,000
	Baked Beans	200,300				260	253,100				420	453,400
	Baking Soda						15,300				20	15,300
	Vinegar	49,400				100	29,200				30	78,600
	Custard powder	8,500				10	18,400				20	26,900
	Mayonnaise	28,800				40	111,900				170	140,800
	Vetsin (MSG)	1,445,500				3,300	655,400				1,350	2,100,900
	Chilli Sauce	14,600				30	5,600				20	20,200
	Honey						74,500				110	74,500

continued …

Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total										
		Rural					Urban					
Group	**Item**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Vanuatu**
	Jelly	2,400				10						2,400
	Yeast	744,500				840	80,100				90	824,600
	Baking Powder	96,800				130	9,500				40	106,300
	Coffee mix	2,041,400				5,150	2,114,800				4,380	4,156,200
	Tea mix	500				10	11,700				50	12,300
	Milo mix	23,600				80	145,000				190	168,500
	Nalot	29,600	260,000		101,300	440						390,900
	Other Foods NEC	336,100			74,100	340	953,000			18,300	510	1,381,600
Other foods total		**22,104,000**	**372,700**		**229,900**		**16,178,200**	**54,700**		**22,000**		**38,961,500**
Take-aways & food eaten outside the home	Chips	459,500				540	1,341,600				1,090	1,801,000
	Fish (Fried/ Cooked)	192,500	1,376,300		16,200	560	47,000	2,400			80	1,634,400
	Burgers	10,900				20	14,700				20	25,500
	Chicken Pieces (cooked)	17,400	20,700			120	177,100	31,700			220	246,900
	Pizza	10,700				10	124,000				80	134,700
	Roti	63,200				170	186,600				260	249,800
	Meat pies	37,000				60	28,400				70	65,500
	Sandwiches	181,600				430	579,300				750	760,800
	Plate of food/ Take away	14,430,900			2,025,100	7,750	4,231,900			129,400	2,670	20,817,300
	School lunches	68,400				100	241,700				170	310,100
	Cup of Coffee, tea, milo	719,500			42,700	1,340	151,900			7,300	250	921,400
	Alcoholic drinks consumed at eating places						57,600				30	57,600
	Non Alcoholic drinks consumed at eating places	900				10	12,100				30	13,000
	Snack pack, twin pack	137,300				110	61,400				90	198,700
	Dinner Out						315,300				30	315,300
	Sausage roll	14,500				20	24,000				30	38,500
	Food tray take away	109,400				50	32,600				30	142,000
	Ball Rice	197,900				20	12,100				10	210,000
	Ring Cakes, Bun & Bean Cakes	423,500				380	237,700				230	661,200
	Fish & Chips	83,000				70	330,100				150	413,100
	Barbecue fish						24,600				20	24,600
	Popcorn	138,500				320	128,100				280	266,600
Take-aways & food eaten outside the home total		**17,296,400**	**1,397,000**		**2,084,000**		**8,359,700**	**34,100**		**136,800**		**29,308,000**

continued …

Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total									
		Rural					Urban				
Group	Item	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Vanuatu
Major Group 2: Housing		**128,025,700**	**68,900**				**135,757,700**	**0**				**263,852,200**
Housing rents, insurance etc	Rent	7,422,200				900	55,642,300				4,150	63,064,600
	Electricity connection fees	778,500				460	1,167,500				790	1,946,000
	Telephone Connection fees	179,300				160	65,300				60	244,600
	House insurance	2,383,200				70	1,644,600				200	4,027,800
	Contents insurance	139,200				20						139,200
	Fire insurance	1,708,800				40	33,800				20	1,742,600
	Other Insurance NEC	21,700				10	147,800				50	169,500
	Imputed rent	43,248,900				37,190	36,580,800				8,180	79,829,700
	Solar installation fees	789,300				350	17,100				10	806,300
	Water connection fees	260,900				950	771,900				770	1,032,800
	Other connection payments NEC	365,700				130	25,500				40	391,200
Housing rents, insurance etc total		**57,297,700**					**96,096,600**					**153,394,300**
Home Improvements	Repairs, renovations or improvements	3,114,800				560	1,114,700				270	4,229,400
	Structural additions or alterations	581,500				280	2,300,000				150	2,881,500
	Build a garage or other building	1,673,900				370	115,600				20	1,789,600
	Other home improvement payments NEC	350,200				140	328,400				60	678,600
Home Improvements total		**5,720,400**					**3,858,700**					**9,579,100**
Household maintenance supplies	Paint	1,184,700				1,070	1,188,700				650	2,373,400
	Timber	5,507,000				3,860	5,072,700				1,900	10,579,700
	Plywood (inc. floor ply)	1,119,800				920	1,381,300				890	2,501,100
	Hard board	998,300				1,090	662,700				380	1,661,000
	Gib Board	19,700				40	314,200				30	333,900
	Cement Board, Hardiglaze	200				10	293,300				30	293,500
	Flooring board	58,600				40	51,000				30	109,600
	External & internal boards, coverings	100				0						100
	Piping	256,900				250	593,000				290	849,900
	Water supply tanks	217,100				70	56,000				100	273,100
	Septic tanks	344,500				60	58,700				40	403,100
	Bathroom Fittings	179,700				250	386,700				210	566,400
	Shower unit	289,300				160	131,900				200	421,200
	Toilet unit	462,000				280	626,100				340	1,088,100
	Nails	2,238,900				13,770	954,600				2,430	3,193,500
	Reinforcing steel						6,700				20	6,700
	Cement	12,610,200				6,300	3,487,500				2,000	16,097,700
	Roofing Iron, tiles	5,947,400				1,700	3,157,700				740	9,105,200

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Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total									
		Rural					Urban				
Group	Item	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Vanuatu
	Spouting	63,000				270	297,300				30	360,300
	Window frames & louvers or glass	1,002,500				830	831,800				390	1,834,300
	Doors	603,300				1,060	557,500				260	1,160,800
	Kitchen Fittings	554,200				1,520	668,400				240	1,222,600
	Cupboards	172,400				90	706,700				100	879,200
	Water heating unit	9,600				10	281,600				20	291,200
	Lawn mower	336,400				110	180,500				70	516,900
	Weed eater/brush cutter	875,700				400	603,100				180	1,478,900
	Rakes	5,400				130	800				20	6,200
	Chainsaw	2,395,700				410	564,200				150	2,959,900
	Power tools	867,100				460	428,500				280	1,295,600
	Hammer	4,300				40	2,700				30	6,900
	Spade	800				10	1,800				30	2,600
	Shovel						1,800				10	1,800
	Wheel barrow						1,000				10	1,000
	Insecticides	300				10	300				10	500
	Bush Knife	46,500				410	6,300				60	52,800
	Axe	3,700				40	1,400				40	5,100
	Garden supplies	1,114,900				1,620	228,400				370	1,343,300
	Ropes	3,600				190	2,400				60	6,000
	Insulating Tape	1,200				40	1,900				30	3,100
	Hand Saw	2,400				20	500				10	2,900
	Padlock	1,600				50						1,600
	Other payments on supplies NEC	8,700				70	2,300				30	11,000
	Polythene	400				20						400
	Concrete Blocks	78,300				90	526,000				290	604,300
	Bricks	2,830,000				870	1,342,400				370	4,172,500
	Paint Brush	200				20	1,300				20	1,500
	Ceramic tiles	264,700				130	518,600				100	783,300
	Sago Palm (Natangura)	2,757,900	66,700			2,700	1,256,900	0			410	4,081,500
	Other Household maint. Supplies	2,415,900				1,700	1,272,700				900	3,688,600
Household maintenance supplies total		**47,855,100**	**66,700**				**28,711,900**	**0**				**76,633,700**
Construction of new dwellings	Site preparations prior to construction	692,800				290	148,000				120	840,800
	Surveying fees (new dwelling)	45,300				70	34,600				40	80,000
	Architectural or draughting fees	31,700				40	792,900				90	824,600
	Building permit (new dwelling)	70,400				40	420,900				100	491,300

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Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total									
		Rural					Urban				
Group	Item	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Vanuatu
	Registration Fees (new dwelling)	100				0	24,800				30	24,900
	Contract payments to builders (new dwelling)	2,400,000				340	1,421,800				160	3,821,800
	Contract payments to trades people	549,000				180	382,500				80	931,600
	Materials used in construction - non traditional	5,648,100				690	2,499,400				200	8,147,500
	Materials used in construction - traditional	5,343,400	2,200			690	513,900				170	5,859,500
	Transport of materials (new dwelling)	1,075,800				1,170	650,600				300	1,726,400
	Other costs for construction of new dwellings	87,700				50	4,600				10	92,300
Construction of new dwellings total		**15,944,200**	**2,200**				**6,894,100**					**22,840,500**
Hiring of equipment	Cement mixer hire	541,000				270	69,200				130	610,200
	Drain digger/backhoe hire	145,900				40	59,100				20	205,000
	Water blaster hire	139,200				20	7,700				30	147,000
	Grinder (Kava and Meat)	1,600				30	11,400				150	13,100
	Other Equipment on Hire	380,500				640	48,900				100	429,300
Hiring of equipment total		**1,208,200**					**196,300**					**1,404,600**
Major Group 3: Household Operation		**207,678,600**	**89,819,200**				**221,574,600**	**9,231,100**				**528,303,500**
Household furniture	Beds	987,300	100			1,130	1,600,600				1,210	2,588,000
	Mattresses	5,589,000				7,680	3,312,600				3,550	8,901,600
	Lounge chair	244,400				240	533,700				330	778,100
	Sofa, couch	175,500				120	386,000				210	561,400
	Dining table/chairs	419,700				400	352,100				500	771,900
	Dressing table	91,200				430	110,200				280	201,400
	Chest of drawers	76,300				60	125,300				90	201,600
	Desk, bureau	56,700				20	73,900				50	130,600
	Outdoor furniture	55,600				60	32,800				60	88,400
Household furniture total		**7,695,600**	**100**				**6,527,100**					**14,222,800**
Household furnishings	Blankets/bed spread	2,107,000				10,480	1,162,800				4,200	3,269,800
	Sheets (flora/plain), bed linen	1,098,900				6,420	555,700				3,010	1,654,600
	Pillow cases	668,900				5,880	428,300				3,310	1,097,200
	Pillow	585,300				4,420	438,000				2,380	1,023,300
	Light fittings	422,100				1,330	814,900				590	1,237,000
	Standard lamp/ Hurricane light	189,900				750	64,300				140	254,300
	Curtains, drapes	118,900				480	138,900				590	257,900
	Painting	21,800				100	76,100				150	97,900

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Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total									
		Rural					Urban				
Group	**Item**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Vanuatu**
	Carpet, floor rug / Mat	259,600	145,100			1,650	352,000	13,400			1,120	770,000
	Vinyl (linoleum)	22,100				30	424,200				20	446,300
	Wik blong Light	1,500				40	1,200				30	2,700
	Towels	21,900				610	27,800				420	49,700
	tea towels	2,700				60	1,900				80	4,600
	Umbrella	24,900				580	13,900				270	38,800
	Other items of furniture and furnishing	270,600				680	810,600				390	1,081,100
Household furnishings total		**5,816,000**	**145,100**				**5,310,700**	**13,400**				**11,285,100**
Household appliances	Washing machine	559,700				50	744,600				150	1,304,300
	Refrigerator	549,600				120	1,353,000				410	1,902,600
	Freezer	746,100				130	1,440,200				260	2,186,300
	Electric jug	39,500				60	170,200				420	209,700
	Food processor	1,900				10	17,800				20	19,700
	Gas & electric stove	403,500				360	760,200				800	1,163,700
	Gas Burner	86,900				100	638,100				380	725,000
	Television	566,600				400	828,500				620	1,395,100
	Radio/Stereo	1,539,900				1,420	955,300				710	2,495,200
	Vacuum cleaner	183,800				50	50,300				20	234,100
	Sewing machine	607,900				430	293,900				280	901,800
	Home computer/Printer	380,600				80	1,158,400				210	1,538,900
	Kerosene Stove	61,200				60						61,200
	Electric Frying Pan	12,400				40	56,600				140	69,000
	Microwave Oven	89,200				60	93,400				90	182,600
	Blender	17,800				50	154,800				270	172,500
	Egg Beater	5,600				20	2,800				20	8,400
	Coffee Percolator						5,300				20	5,300
	Rice Cooker	124,400				280	466,400				720	590,800
	Pressure Cooker	700				10						700
	Electric toaster	23,300				50	31,400				80	54,700
	Chillybin (Cooler)	10,300				30	2,000				20	12,200
	Telephone (fixed)/fax machine purchase	133,900				180	88,900				130	222,800
	Mobile phone purchase	3,244,400				8,750	3,184,700				4,550	6,429,200
	Video player / VCD	1,516,000				870	671,700				490	2,187,700
	DVD player	1,431,800				2,540	1,014,900				1,820	2,446,700
	Playstation, nintendo	209,800				110	259,600				200	469,400
	Other home appliances NEC	25,000				140	26,300				310	51,300

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Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total									
		Rural					Urban				
Group	Item	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Vanuatu
	Electric fan	169,400				390	315,300				770	484,700
Household appliances total		**12,741,100**					**14,784,500**					**27,525,600**
Household equipment & utensils	Dinner set	162,000				660	46,000				260	208,100
	Cutlery set	128,100				870	33,300				300	161,500
	Saucepans/Pots	1,495,000				4,330	651,500				1,710	2,146,500
	Barbecue plate (open fire/electric)	111,100				760	42,900				320	154,000
	Knives/Plates/Cups/Spoon	2,021,100				10,340	375,500				3,670	2,396,600
	Plastic containers	231,100				1,640	65,900				540	297,100
	Glass Set	151,600				1,010	143,000				1,260	294,600
	Other equipment's and utensils NEC	38,500				840	23,900				480	62,400
Household equipment & utensils total		**4,338,600**					**1,382,100**					**5,720,700**
Household supplies	Batteries	5,891,700				8,290	631,700				810	6,523,400
	Bleaching fluid, dyeing chemicals	125,900				120	119,700				160	245,500
	Candles	1,563,900				3,170	1,305,800				1,710	2,869,800
	Clothes conditioner	7,600				20	25,600				10	33,300
	Clothes pins, hangers, pegs/ washing brush	260,600				900	125,700				430	386,400
	Dish cloth, sponge, scourer, steel wool	187,300				790	202,600				610	389,800
	Disinfectants	44,500				70	75,700				80	120,200
	Dishwashing liquid	288,200				550	682,000				1,160	970,200
	Fly spray	74,800				150	231,800				280	306,600
	Lunch wrappers, foil	54,900				130	37,000				80	91,900
	Matches	2,380,000				13,840	407,500				3,090	2,787,400
	Mosquito coil	1,026,500				2,360	1,289,300				2,250	2,315,700
	Washing soap/ Chinese soap (liquid, bar)	11,818,100				18,760	2,460,500				3,890	14,278,600
	Washing Soap powder	5,875,400				7,780	4,574,000				4,960	10,449,500
	Toilet paper	1,119,300				2,180	3,151,600				4,260	4,271,000
	Jiff	2,600				0	7,000				10	9,600
	Harpic (Cleaning disinfectant)	15,300				40	110,700				150	126,000
	Light bulb	59,600				100	17,600				150	77,200
	Stove Parts						1,900				20	1,900
	Fuse	300				20	200				20	500
	Sandpaper						7,900				20	7,900
	Torch	169,800				1,140	25,700				160	195,500
	Plastic	3,500				70	7,900				80	11,400
	Mosquito net	1,200				40	2,000				40	3,200

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Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total									
		Rural					Urban				
Group	**Item**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Vanuatu**
	Other household supplies NEC	27,200				830	20,700				380	47,900
Household supplies total		**30,998,200**					**15,522,100**					**46,520,300**
Household services and communications	Babysitting	3,624,100				1,630	6,166,400				1,360	9,790,500
	Housecleaning						600				10	600
	TV/VCR/DVD Hire	327,600				400	587,000				350	914,600
	Hire of Lawn mower	607,100				2,130	260,000				670	867,000
	Hire of Weed Eater	471,700				1,310	272,400				520	744,100
	Hire of knapsack spray	1,700				90	2,100				70	3,800
	Hire of tractor	1,100				10						1,100
	Lawn mowing, gardening	688,900				1,130	311,600				490	1,000,500
	Laundry Services	4,300				0						4,300
	Cable TV fees	292,600				210	585,100				210	877,700
	Fixed telephone charges (incl. fax)	972,900				200	3,446,900				240	4,419,700
	Mobile phone charges	86,013,000				20,470	31,393,300				7,800	117,406,200
	Internet/email charges	1,994,800				60	3,512,600				360	5,507,400
	Other telecommunications	16,300				10						16,300
	Post Office box rental	18,600				140	77,000				280	95,600
	Other Mail	1,000				10						1,000
	Other household services NEC	473,000				280	686,700				190	1,159,800
	Land lease	896,300				200	1,542,300				1,070	2,438,600
	Property tax	766,800				170	1,693,700				770	2,460,500
	Rubbish collection fee	175,800				170	315,900				560	491,800
	Hire of chainsaw	1,791,700				2,370	168,400				300	1,960,100
	Hire of beds	8,300				20	5,100				10	13,400
	Hire of chairs	164,300				130	11,600				30	175,900
	Mobile phone monthly plan charges	1,219,700				3,280	211,200				440	1,430,900
Household services and communications total		**100,531,400**					**51,249,900**					**151,781,400**
Fuel & lighting	Electricity	29,129,300				4,060	82,537,200				10,020	111,666,500
	Cooking gas	5,149,400				680	16,235,800				2,430	21,385,200
	Kerosene	5,377,100				7,310	249,800				360	5,626,800
	Other fuel and light	165,700				220	129,400				40	295,100
	Firewood	682,200	89,612,900			27,950	2,450,700	9,164,200			4,580	101,910,000
	Water charges	4,028,100				4,730	23,884,900				10,500	27,913,000
	Charcoal (bag)	72,500	61,100			60	936,600	53,600			300	1,123,800
Fuel & lighting total		**44,604,400**	**89,674,000**				**126,424,400**	**9,217,700**				**269,920,500**

continued …

Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total									
		Rural					Urban				
Group	**Item**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Vanuatu**
Payments for repairs	Electrical faults/wiring, etc.	300				20	900				10	1,300
	Other repairs NEC	953,000				1,420	372,900				350	1,325,900
Payments for repairs total		**953,300**					**373,900**					**1,327,200**
Major Group 4: Clothing and Footwear		**5,828,200**	**23,800**				**7,454,200**	**159,000**				**13,465,400**
Clothing	Shirts	304,300				1,110	240,400				760	544,700
	T/Shirts	530,000				1,880	436,200				1,080	966,200
	casual shorts	39,700				130	32,600				110	72,400
	work/school shorts	2,500				0	14,600				40	17,000
	trousers/jeans	640,000				2,200	445,000				1,020	1,085,100
	suits/clothes set	170,900				420	30,500				120	201,400
	casual/formal dress	16,200				120	49,800				130	66,000
	underwear/lingerie	82,200				690	92,900				470	175,100
	Blouse	1,700				10						1,700
	Skirts	283,700				1,390	165,300				490	449,000
	Fabric for clothes (kaliko)	42,300				160	10,800				60	53,100
	Cotton thread	9,100				130	4,600				40	13,700
	Zipper						11,100				20	11,100
	Buttons	2,100				40						2,100
	Nappies (plastic & cloth)	2,392,000				1,750	4,663,900				2,510	7,056,000
	Jackets	1,400				20						1,400
	Plastic pants	8,700				80	10,400				20	19,100
	Rugby Shorts	2,400				10						2,400
	Socks, Stockings, Pantyhose	14,800				150	16,000				170	30,900
	Hankies	700				20	1,300				20	2,000
	Caps, hats	20,200				140	13,800				120	34,000
	Overalls						4,400				10	4,400
	Island dress	286,900	23,800			690	186,200	159,000			430	656,000
	Belt (men, women)	19,000				90	8,200				60	27,200
	Other clothing NEC	321,700				1,090	324,800				820	646,500
Clothing total		**5,192,500**	**23,800**				**6,763,000**	**159,000**				**12,138,400**
Clothing services	Tailoring services	21,100				140	4,000				30	25,100
	Repairs to clothing	3,500				60						3,500
	Other services NEC	6,300				60	29,200				60	35,500
Clothing services total		**30,900**					**33,200**					**64,100**
Footwear	Sports shoes	34,800				120	152,300				250	187,100
	Dress shoes						7,200				60	7,200

continued …

Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total									
		Rural					Urban				
Group	Item	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Vanuatu
	Jandals, slippers, slip-ons, thongs	499,900				3,080	332,900				2,020	832,900
	Children's shoes	16,500				70	9,400				40	25,900
	Boots (work, casual)						19,600				20	19,600
	Other shoes NEC	53,600				190	132,500				150	186,200
Footwear total		**604,800**					**654,000**					**1,258,800**
	Other services NEC						4,000				40	4,000
Footwear services total							**4,000**					**4,000**
Major Group 5: Transport		**106,550,000**					**98,988,000**					**205,538,000**
Personal transport	Car/station wagon/4WD	1,628,400				360	4,582,700				270	6,211,100
	Van	22,200				20	3,426,500				70	3,448,800
	Utility, pickup	4,677,600				1,590	5,985,200				160	10,662,800
	Motorcycle, motor scooter	185,800				40						185,800
	Truck	4,700				80	862,300				210	867,000
	Bus	6,482,700				230	11,041,500				440	17,524,100
	Boat, yacht	583,500				40	609,800				40	1,193,300
	Bicycle	668,800				560	459,300				410	1,128,000
	Canoe	136,100				110	11,100				10	147,300
	Outboard Motor	4,195,700				160	550,700				30	4,746,400
	Other vehicles NEC	1,167,800				70	738,500				70	1,906,400
Personal transport total		**19,753,400**					**28,267,700**					**48,021,100**
	Insurance on Motor Vehicle	3,498,000				380	2,454,200				370	5,952,200
	Registration on Motor Vehicle	2,055,800				460	1,790,800				380	3,846,600
Vehicle registration and insurance total		**5,553,800**					**4,245,100**					**9,798,900**
Vehicle part and accessories	Tyres	1,301,600				450	1,810,600				800	3,112,200
	Alloy wheels						42,100				20	42,100
	Muffler	200				20						200
	Radio, Stereo, CD	7,600				20	7,200				80	14,800
	Spark plugs						1,400				20	1,400
	Seat for Vehicle	200				10						200
	Other vehicle accessories						6,200				20	6,200
Vehicle part and accessories total		**1,309,600**					**1,867,400**					**3,177,000**
Operation of personal transport	Petrol	11,044,000				2,630	4,791,400				690	15,835,400
	Diesel	6,093,600				1,260	1,522,000				320	7,615,600
	Oil	493,900				330	77,700				70	571,600
	Gas	151,300				50	595,600				120	747,000
	Other vehicle fuel	528,300				90	580,300				90	1,108,600

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Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total										
		Rural					Urban					
Group	Item	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Vanuatu
Operation of personal transport total		**18,311,200**					**7,567,100**					**25,878,200**
Transport services & repairs	Panel beating	72,600				30	651,800				110	724,300
	Vehicle painting	86,300				130	418,600				110	504,900
	Windscreen	130,800				90	304,500				70	435,300
	Engine Repairs	2,811,500				580	3,774,500				530	6,586,000
	Gearbox repairs						1,700				20	1,700
	Exhaust pipes repairs						18,400				20	18,400
	Electrical Repairs (wiring)						5,300				20	5,300
	Repair (Labour)	1,021,300				310	1,551,400				440	2,572,700
	Repair Boat	568,000				130	281,600				20	849,500
	Rustproofing	300				20						300
	Taxi Services	21,800				20	24,200				10	45,900
	Bus Services	18,100				20	33,000				30	51,100
	Drivers License Fees	293,200				370	716,800				1,120	1,010,000
	Tyres Repair	313,400				430	361,800				470	675,200
	Outboard repairs	288,100				70	225,200				20	513,300
	Other services NEC	183,200				200	503,700				160	686,900
	Vehicle road tax	856,600				400	1,265,900				700	2,122,500
Transport services & repairs total		**6,665,200**					**10,138,200**					**16,803,400**
Transport hire	Car/ station wagon rental	192,000				50	752,600				110	944,600
	Van rental						70,400				20	70,400
	Utility, 4 wheels drive rental	1,902,300				1,190	349,800				120	2,252,200
	Truck rental	1,714,200				740	154,200				170	1,868,400
	Boat, Yacht, Canoe Hire	618,700				490	2,300				10	621,000
	Hire of Loader						200				10	200
	Bicycle Hiring	14,700				80	41,300				40	56,000
	Outboard Motors hire	1,104,900				840						1,104,900
	Taxi / Bus fare	15,155,800				4,650	25,292,900				5,230	40,448,700
	Other transport hire	357,500				170	566,800				130	924,300
	Bus hire	151,800				100	11,300				20	163,100
Transport hire total		**21,212,000**					**27,241,800**					**48,453,700**
Internal transport	Sea fare (Domestic)	7,210,200				8,190	2,423,100				2,080	9,633,300
	Accommodation (Domestic)	3,017,400				2,260	961,500				680	3,979,000
	Airfare (Domestic)	7,915,300				3,900	6,032,700				2,140	13,947,900
	Land transport (domestic)	4,683,200				7,640	1,211,700				3,250	5,894,900
	Departure tax (domestic)	185,700				3,270	90,800				1,750	276,600

continued …

Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total									
		Rural					Urban				
Group	Item	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Vanuatu
Internal transport total		**23,011,900**					**10,719,800**					**33,731,700**
Overseas travel	Airfare (International)	4,119,600				580	5,064,200				660	9,183,800
	Sea fare (International)	306,900				270	104,800				60	411,700
	Departure Tax	72,300				530	37,600				300	109,900
	Accommodation (International)	2,195,100				220	1,669,500				370	3,864,600
	Clothing for international travel	886,900				550	598,200				310	1,485,100
	Household goods for international travel	825,600				390	365,400				190	1,190,900
	Passport	34,100				50	7,000				20	41,100
	Travel insurance	400				20						400
	Suitcase/travel accessories	5,800				50	8,700				20	14,500
	Other expenses incurred while overseas	570,900				120	99,000				70	669,900
	Other expenses incurred for domestic travel	1,216,200				1,010	669,800				550	1,886,000
	Land transport fare (international)	499,200				510	316,700				520	815,900
Overseas travel total		**10,733,100**					**8,940,900**					**19,674,000**
Major Group 6: Tobacco & Alcohol		**86,181,200**	**34,602,100**				**56,133,800**	**723,600**				**177,640,800**
Tobacco	Tobacco	1,204,700	712,300			2,790	299,600	4,700			370	2,221,300
	Cigarettes	21,688,900				10,470	16,051,700				4,360	37,740,600
	Tufaga	10,900	7,900			60	7,300				20	26,100
	Leaf Tobacco (trad. Tobacco)	2,119,700	1,219,000			4,790	165,100	500			280	3,504,200
	Tobacco NEC	1,400	1,700			30	14,700				30	17,800
	Other tobacco products	9,400				60	18,700				30	28,100
Tobacco total		**25,035,000**	**1,940,900**				**16,557,100**	**5,200**				**43,538,100**
Alcohol and kava	Alcoholic Drinks	2,914,500				630	1,677,200				400	4,591,700
	Beer (Tusker, etc…)	12,653,500				3,140	14,374,100				2,370	27,027,600
	Distilled Spirits	643,400				200	448,300				130	1,091,700
	Wine	1,212,500				190	653,400				190	1,865,900
	Homebrew	84,100				70	18,300				20	102,500
	Kava	42,628,800	32,661,300			20,840	22,122,300	718,500			5,050	98,130,800
	Other alcoholic drinks	1,009,400				200	283,200				80	1,292,500
Alcohol and kava total		**61,146,200**	**32,661,300**				**39,576,700**	**718,500**				**134,102,600**

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Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total										
		Rural					Urban					
Group	Item	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Purchases	Home produced	Gifts given	Gifts received	No. H'holds	Vanuatu
Major Group 7: Miscellaneous Goods and Services		**111,625,000**	**241,500**				**83,038,800**	**2,400**				**194,907,800**
Medical, cosmetics & toiletries	Cough mixture	1,300				40	4,700				50	6,000
	Panadol	490,800				2,810	246,400				1,200	737,300
	Vicks	42,500				170	14,900				80	57,400
	Medicines, antibiotics etc (prescribed)	2,916,500				5,960	682,800				1,720	3,599,200
	Deodorant, body spray, after shave	596,300				1,840	655,300				1,490	1,251,600
	Sanitary pads, Tampon	159,200				650	197,500				680	356,700
	Bathing Soap (bar/liquid)	1,521,700				3,670	1,694,700				3,260	3,216,400
	Toothpaste	374,200				1,610	472,600				1,690	846,700
	Talcum Powder / Baby Powder	326,400				1,060	113,000				360	439,400
	Band Aid	26,200				150	110,500				130	136,600
	Tissue						24,800				30	24,800
	Tooth brush	157,300				730	69,300				300	226,700
	Hair accessories (pins, comb, etc)	97,800				510	144,500				480	242,300
	Hair colour	16,300				40	10,400				40	26,700
	Hair conditioner	24,900				120	144,700				380	169,500
	Hair shampoo	156,600				580	249,600				890	406,200
	Hair spray, mousse, gel	291,600				970	180,900				470	472,600
	Body Oil (baby oil, sinu mili)	752,200	22,500			1,240	774,700	2,400			950	1,551,900
	Make up kit	16,000				20	47,300				30	63,300
	Moisturiser	10,400				50	54,600				150	65,000
	Nail polish, remover	17,500				70	4,300				40	21,800
	Razor, blades, tweezers etc	245,400				2,660	165,600				960	411,000
	Paper tissues						16,500				30	16,500
	Other personal goods NEC	14,200				70	38,600				150	52,800
	Coconut Oil	353,400	72,200			630	265,100				400	690,600
	Other cosmetics and toiletries NEC	107,100				420	77,200				260	184,200
Medical, cosmetics & toiletries total		**8,715,700**	**94,700**				**6,460,500**	**2,400**				**15,273,400**
Personal care, effects & services	Haircut	6,800				30	12,300				10	19,100
	Hair grooming	3,100				20	2,200				20	5,200
	Repair of personal goods						1,300				20	1,300
	Other personal services	2,500				20	20,600				30	23,100
Personal care, effects & services total		**12,400**					**36,300**					**48,600**
Publications, stationery & computers	Newspapers	428,200				640	977,100				1,240	1,405,300

continued …

Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total									
		Rural					Urban				
Group	**Item**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Vanuatu**
	Overseas Newspaper, magazines, journals, etc	19,000				30	22,000				30	41,000
	Books, novels, etc	170,800				590	77,700				190	248,500
	Writing materials	90,700				1,570	32,200				540	122,900
	Other stationery	32,100				680	24,800				290	56,900
	Calculator	2,200				30	100				20	2,400
	Other office equipment for private use	1,600				150	2,300				100	3,900
Publications, stationery & computers total		**744,600**					**1,136,300**					**1,880,900**
Health services	Doctor's/dentist fees	401,700				3,030	999,800				2,550	1,401,600
	Hospital charges	1,452,400				6,300	732,500				4,360	2,185,000
	Traditional medicine practitioners	1,874,800				5,650	397,500				960	2,272,300
	Clinic & Outpatient fees	1,086,700				10,070	707,100				4,160	1,793,800
	Pre/Ante natal & Maternal Care	408,000				1,590	178,900				820	586,900
	Medical insurance premiums	400				10	300				20	700
	Other health services NEC	40,400				350	102,100				190	142,500
	Paediatric (child health)	96,100				600	108,800				320	204,900
Health services total		**5,360,600**					**3,227,000**					**8,587,600**
Leisure and recreational goods	Photographic equipment						2,100				70	2,100
	Musical equipment	7,800				110	10,700				60	18,500
	Ping-Pong, Tennis ball, etc.	2,600				30	5,500				70	8,100
	Sports goods NEC	12,100				80	200				20	12,300
	Video tapes	200				20	3,300				30	3,600
	Toys	230,100				560	980,400				1,200	1,210,600
	Records, cassettes, CD's	7,600				60	14,600				80	22,200
	Films	13,200				40	900				10	14,200
	Playing Cards	9,900				130	3,000				70	12,800
	Blank cassettes/CDs	7,400				70	2,100				20	9,500
	Game consoles (Play Station, Nintendo etc)						1,400				20	1,400
	Hand-held electronic games (Game Boy etc)	4,300				40	8,400				20	12,700
	Balloons	81,800				1,740	62,000				920	143,800
	DVD / CD Video	15,900				90	4,600				20	20,500
	Other leisure materials and supplies NEC	117,900				590	248,900				750	366,900
Leisure and recreational goods total		**511,000**					**1,348,200**					**1,859,100**

continued …

Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total										
		Rural					Urban					
Group	**Item**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Vanuatu**
Educational services	USP extension centre fees	100				10						100
	Private Tuition Fees	33,700				30						33,700
	School transports (bus fare)	25,600				10						25,600
	Examination Fees	313,700				1,640	159,500				720	473,200
	Fees Charge for hobby classes	295,200				240	55,500				110	350,700
	Subscriptions levied by clubs/schools	433,500				520	212,000				220	645,600
	Fees charge for regular private child care	471,200				160	250,900				110	722,100
	Early Childhood education fees	3,218,100				6,880	4,282,200				2,330	7,500,300
	Primary School Fees	7,174,300				9,080	8,469,600				4,270	15,643,800
	Secondary School Fees	34,488,900				7,960	20,657,900				3,530	55,146,800
	Tertiary Education Fees	7,156,600				850	6,102,300				710	13,258,900
	Boarding/Lodging Fees	1,397,500				820	121,600				130	1,519,100
	Caution Fees	686,900				2,800	510,100				940	1,196,900
	Clothing & Uniforms	4,225,100				11,710	2,741,500				5,060	6,966,600
	Books & School Supplies	3,168,400				10,590	2,220,500				4,620	5,388,900
	Vocational education fees	1,815,500				770	1,817,700				340	3,633,300
	Other educational services NEC	849,000				880	542,500				420	1,391,400
Educational services total		**65,753,400**					**48,143,700**					**113,897,100**
Other goods	Fishing equipment and supplies	450,700				1,920	236,800				120	687,500
	Birthday presents not further defined	112,200				120	83,900				70	196,000
	Wet Suits						4,600				20	4,600
	Flippers	100				10						100
	Cat Food						13,000				20	13,000
	Pig Food	3,300				20	16,700				10	20,100
	Chicken Food	6,400				10						6,400
	Salu Salu (flower neckace, lae)	8,600				80	5,900				60	14,600
	Goods NEC	64,500				150	14,900				80	79,400
Other goods total		**645,800**					**375,900**					**1,021,600**
Leisure services	Video/DVD hire	248,000				720	1,189,300				770	1,437,300
	Movie/performances admission	700				90						700
	VCD Hire	5,300				10	25,700				20	31,000
	Other services NEC	94,200				120	22,000				20	116,200
Leisure services total		**348,200**					**1,236,900**					**1,585,200**

continued …

Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total									
		Rural					Urban				
Group	**Item**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Vanuatu**
Payment for misc. services	Professional society subscriptions	636,400				1,890	170,100				780	806,500
	Cartage, freight	4,879,200				7,290	2,870,500				4,590	7,749,800
	Printing(e.g. invitations)	453,700				2,090	331,500				1,460	785,200
	Catering expenses	3,566,600				2,880	1,174,400				890	4,741,000
	Funeral expenses	11,618,400				10,430	9,234,600				5,380	20,853,000
	Legal expenses	1,480,900				720	1,715,100				310	3,196,000
	Hire of premises	24,600				100	127,100				20	151,700
	Dog registration						2,800				20	2,800
	Firearm license / Bullet	430,100				190	101,800				200	531,900
	Hair Dressing Charge	324,100				720	592,000				620	916,100
	Other Miscellaneous Services	276,900				450	326,700				170	603,600
Payment for misc. services total		**23,691,000**					**16,646,600**					**40,337,600**
Payment for misc. goods	Jewellery	424,500				2,720	1,028,700				2,930	1,453,200
	Local canoe model		2,700			10						2,700
	Local Fan		600			10						600
	Watch	695,500				2,840	782,200				2,330	1,477,700
	Floral tributes	360,300				960	220,200				730	580,500
	Trophy	15,400				50	8,400				20	23,800
	Rings	1,200				60	1,900				60	3,100
	Sunglasses	3,200				90	9,200				190	12,400
	Local necklace	1,200				40	1,300				20	2,400
	Handbags	36,900				540	49,000				560	85,900
	Wallet	1,300				20						1,300
	Other local handicraft	126,100	143,400			330	29,700				20	299,200
	Air freshener						25,300				60	25,300
	Bangles	100				10						100
	Reading Glasses						500				20	500
	Bag (Plastic Bag)	26,500				150	69,800				160	96,300
	Fees charged on other accounts	6,400				10	8,400				20	14,800
	Suitcase/travel accessories	751,000				1,680	585,200				1,300	1,336,300
Payment for misc. goods total		**2,449,600**	**146,800**				**2,819,700**					**5,416,100**
Payment for other misc. goods and services	Pocket money for children	60,700				10	40,600				40	101,300
	Raffles	424,800				140	153,600				250	578,400
	Bingo, casino and other gambling expenses	1,480,300				480	652,600				470	2,132,900
	Other payments for goods and services	1,426,900				910	760,900				1,180	2,187,900

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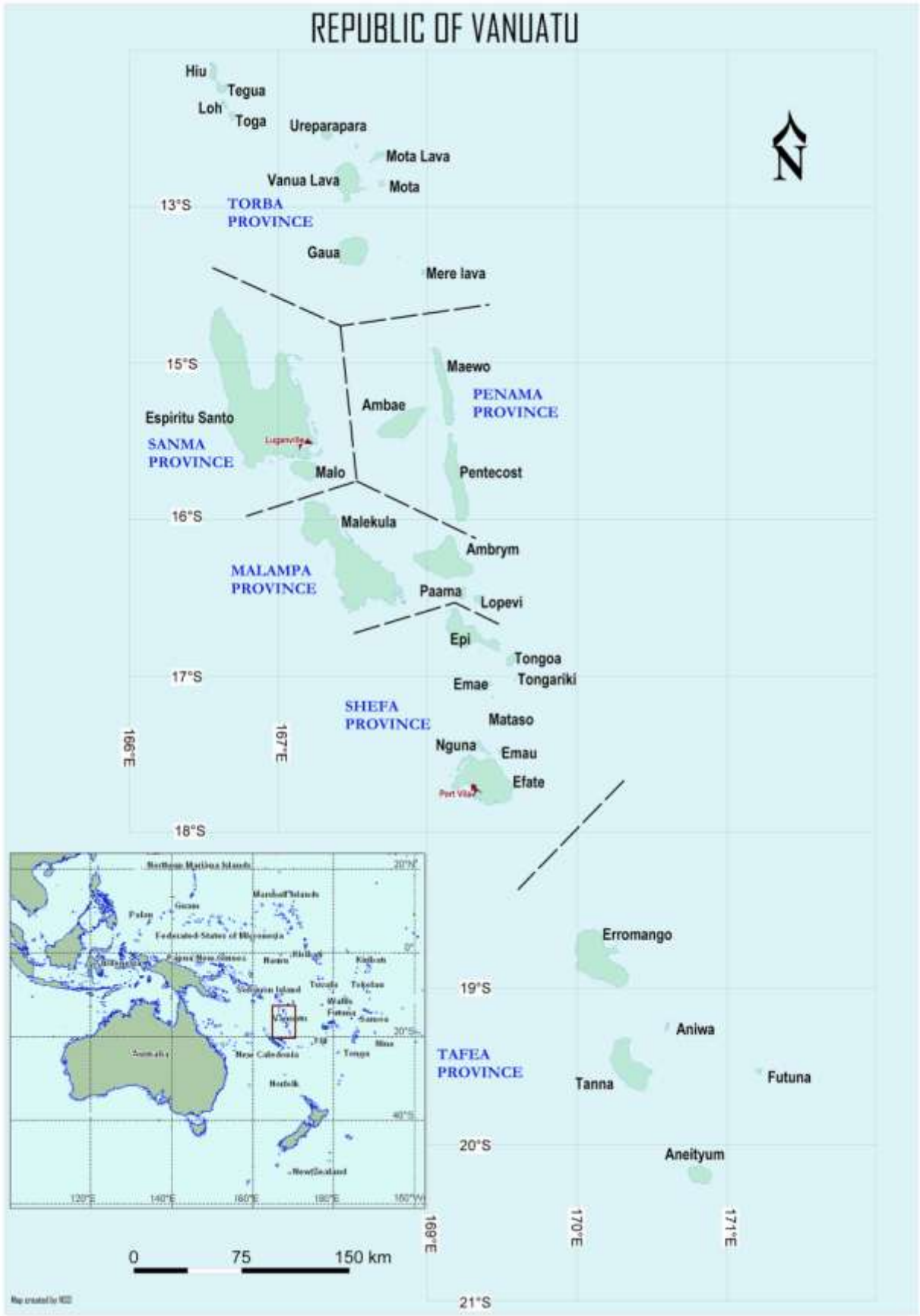
Annex 2 Expenditure by item and transaction type

		Type of expenditure transaction and monthly total									
		Rural					Urban				
Group	**Item**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Purchases**	**Home produced**	**Gifts given**	**Gifts received**	**No. H'holds**	**Vanuatu**
Payment for other misc. goods and services total		**3,392,700**					**1,607,700**					**5,000,400**
Major Group 8: Non-consumption expenditure		**113,459,300**		**68,192,800**			**46,008,500**		**22,013,900**			**249,674,500**
Non-consumption expenditure	Contributions to religious organisations	16,135,200				13,480	12,269,200				5,050	28,404,500
	Community donation	2,882,100				6,370	4,875,100				2,670	7,757,200
	School fundraising contribution	1,600				10	4,200				20	5,900
	Gifts of money to other households - Vanuatu	32,516,800		25,793,000		14,100	16,613,900		13,785,400		6,080	88,709,100
	Gifts of money sent overseas	2,777,700		74,500		300	1,464,800		1,255,100		320	5,572,300
	Donations for funeral	2,100				20	1,900				10	4,000
	Other donations and cash gifts	54,800				60						54,800
	Fines	1,883,100				3,150	493,300				680	2,376,400
	Maintenance to ex-spouse	1,776,700				110	310,000				110	2,086,700
	Gifts of goods sent overseas	209,600		182,800		150	143,600		205,200		110	741,200
	Gifts of goods sent to other households - Vanuatu	55,219,500		42,142,400		19,740	9,832,400		6,768,100		5,340	113,962,400
Non-consumption expenditure total		**113,459,300**		**68,192,800**			**46,008,500**		**22,013,900**			**249,674,500**
Major Group 9: Income Sources					**29,381,600**					**11,221,900**		**40,603,500**
Gift, remittance income	Goods from relatives, friends				13,296,800	2,960				5,127,100	620	18,423,900
	Income from remittances (domestic) - goods				16,084,800	1,340				6,094,800	170	22,179,600
Gift, remittance income total					**29,381,600**					**11,221,900**		**40,603,500**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