



Republic of Mauritius

Central Statistics Office  
*Digest of Energy and Water*  
*Statistics 2002*

Ministry of Economic Development, Financial Services  
and Corporate Affairs

Vol 5

August 2003  
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**DIGEST  
OF  
ENERGY AND WATER  
STATISTICS - 2002**



## FOREWORD

This publication is the fifth issue of a regular report of the Central Statistics Office on energy statistics. A section on water statistics has been included for the first time in this report.

Statistics on energy are given for the years 1993 to 2002, while those on water cover the period 1998 to 2002. All data refer to the Republic of Mauritius, unless otherwise specified. These may be subject to revision in subsequent issues of the digest.

It is hoped that these statistics will prove useful to a wide range of users, particularly to planners, policy makers and research workers. This digest has been prepared with the collaboration of the Ministry of Public Utilities, the Central Electricity Board and several other public and private organisations. The co-operation and assistance of all these organisations are gratefully acknowledged.

H. Bundhoo  
Director of Statistics

Central Statistics Office,  
Ministry of Economic Development, Financial Services and Corporate Affairs,  
**PORT LOUIS.**

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**Contact person:**

**Mr. Y. Thorabally**

**Statistician**

**Ministry of Public Utilities**

**Level 10, Air Mauritius Centre**

**President John Kennedy Street**

**Port Louis**

***Telephone :* 210-0408 / 3435**

***Fax :* 208 6497**

***Email :* mpustat@mail.gov.mu**

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## Symbols & abbreviations

-	Nil
...	Not available
000	Thousand
m <sup>3</sup>	cubic metres
max	maximum
min	minimum
mm	millimetres
Mm <sup>3</sup>	million cubic metres
mn	million
toe	Tonne of oil equivalent
ktoe	Thousand tonnes of oil equivalent
c.i.f	cost, insurance and freight
LPG	Liquefied Petroleum Gas
DPK	Dual Purpose Kerosene
MW	Megawatt (1,000 kW)
kWh	Kilowatt hour
GWh	Gigawatt-hour
CEB	Central Electricity Board
IPP	Independent Power Producers
GDP	Gross Domestic Product
Rod.	Island of Rodrigues



## Concepts and terminology

The energy data have been compiled according to the recommendations of the United Nations Manual, Series F No. 29 on Energy Statistics.

- **Energy**

Energy means the capacity for doing work or for producing heat. Producing heat is a common manifestation of "doing work" as are producing light and motive force.

- **Primary energy**

Primary energy designates energy from sources that involve only extraction or capture, with or without separation from contiguous material, cleaning or grading, before the energy embodied in that source can be converted into heat or mechanical work. Primary energy is not derived from any other form of energy. By convention, sources of energy that occur naturally such as coal, natural gas, fuel wood are termed primary energy.

- **Secondary energy**

Secondary energy designates energy from all sources of energy that results from transformation of primary sources.

- **Fuels**

The term fuel is used to describe those energy sources, whether primary or secondary, that must be subjected to combustion or fission in order to release for use the energy stored up inside them.

- **Re-export of bunkers and aviation fuel**

Bunkers relate to fuels sold to ships, irrespective of their flags of ownership or registration. Re-exports include aviation fuel delivered to foreign aircraft. Aviation fuel delivered to aircraft owned by the national airline is included as final consumption in the transport sector.

- **Primary energy requirement**

It is the sum of imported fuels and locally available fuels less re-exports of bunkers and aviation fuel to foreign aircraft after adjusting for stock changes.

- **Primary energy input to hydro electricity**

The primary energy input to hydro electricity is defined as the energy value of the electricity generated from hydro.

## Energy conversion factors

The following energy conversion factors have been used to express the energy content of the different fuels in terms of a common accounting unit, tonnes of oil equivalent (toe\*).

Energy source	Tonne	toe
Gasolene	1	1.08
Diesel Oil	1	1.01
Dual Purpose Kerosene (DPK)	1	1.04
Fuel oil	1	0.96
Liquefied Petroleum Gas (LPG)	1	1.08
Coal	1	0.62
Bagasse	1	0.16
Fuel Wood	1	0.38
Charcoal	1	0.74
	GWh	toe
Hydro (primary)	1	220
Electricity	1	86

Note: Prior to 2001, electricity in the final energy balance was converted into its thermal primary equivalent (1 GWh = 220 toe). To be consistent with international practice, its thermal final equivalent, (1 GWh = 86 toe), is now being used. Data for the year 1992 onwards have been amended accordingly.

\* 1 toe = 41.84 gigajoule (net calorific value)

## **ENERGY AND WATER STATISTICS, 2002 – An overview**

### **Introduction**

This issue of The Digest of Energy and Water 2002 consists of energy statistics covering the years 1993 to 2002, and water statistics, for the years 1998 to 2002. The scope which was, earlier, restricted to energy statistics has been extended to cover statistics on rainfall, water production, storage and sales. These statistics have been compiled in close collaboration with the Ministry of Public Utilities, Central Electricity Board, Central Water Authority and Water Resources Unit. The tables refer to the Republic of Mauritius unless otherwise stated.

## **2. Energy**

### **2.1 The energy commodity balance**

The energy commodity balance shows the supply and final uses of electricity and the different types of fuel. Total primary energy requirement is obtained as the sum of the indigenous production (hydro, fuel wood and bagasse) and imports less re-exports and bunkering, after stock adjustments. The transformation process is the conversion of primary energy into secondary energy, for example, transformation of coal and fuel oil into electricity. Own use and losses during transformation are also recorded. Final energy consumption is the total amount of energy required by end users as a final product. End-users are categorised into five sectors, namely manufacturing, transport, commercial and distributive trade, household and agriculture.

### **2.2 Main energy indicators**

The total primary energy requirement index, expressed with 1990 as reference year (1990 = 100), decreased by 1.9% from 159.7 in 2001 to 156.6 in 2002. Per capita primary energy requirement slowed down by 2.0% from 0.99 toe to 0.97 toe (Table 1.3).

Energy intensity, defined as total primary energy requirement (toe) per Rs 100,000 of GDP (in 1990 rupees), provides a measure of the efficiency with which energy is being used in production. A lower ratio indicates a more efficient use of energy. Energy intensity fell to 1.62 in 2002, a 4.7% decrease compared to 2001.

In 2002, the consumption of electricity per capita per annum stood at 1,248 kWh

### **2.3 Total primary energy requirement**

For the year 2002, the total primary energy requirement of the country amounted to 1,168.8 ktoe showing a decrease of 1.9% when compared with the year 2001 (1,191.5 ktoe) (Table 2.1). Decreases were mainly registered for the following energy sources: aviation kerosene from 129.6 ktoe to 113.3 ktoe (-12.6%), bagasse from 267.4 ktoe to 243.9 ktoe (-8.8%) and fuel oil from 236.1 ktoe to 231.4 ktoe, (-2.0%).

The total primary energy requirement was derived from imported fuels (76.9%) and locally available sources (23.1%). In 2002, 704.8 ktoe of petroleum products were imported, made up mostly of fuel oil (32.8%), diesel (28.2%), aviation fuel (16.1%) and gasoline (13.4%).

Bagasse (243.9 ktoe) contributed 90.3% of the indigenous production and the remaining 9.7% was derived from hydroelectricity and fuel wood (26.2 ktoe).

### **2.3.1 Local production**

In 2002, total energy production from local sources dropped by 7.0% to 270.1 ktoe from 290.4 ktoe in 2001. This was mainly due to a reduction in production of bagasse following cyclone Dina which affected the cane cultivation.

Production of bagasse decreased by 8.8%, from 267.4 ktoe in 2001 to 243.9 ktoe in 2002. Hydroelectricity, on the other hand, increased by 21.2% from 15.6 ktoe to 18.9 ktoe. The production of fuel wood, as a source of energy, remained almost constant at 7.3 ktoe (Table 2.1).

### **2.3.2 Imports of energy sources**

Data on imports of energy sources show that some 1,125.2 ktoe of petroleum products and coal were imported in 2002 compared to 1,184.8 ktoe in 2001, representing a drop of 5.0%. Imports of petroleum products decreased by 3.9 % from 969.4 ktoe to 931.7 ktoe and coal, by 10.2% from 215.4 ktoe to 193.5 ktoe (Table 2.3). On the other hand the import bill was 1.7% higher in 2002, Rs 6,337.4 million against Rs 6,235.0 million in 2001, as a result of higher prices of petroleum products (Table 2.5).

### **2.3.3 Re-exports and bunkering**

Of the 931.7 ktoe of petroleum products imported in 2002, 262.1 ktoe were re-exported to bunkers and foreign aircraft. Re-exports consisted of 139.9 ktoe of diesel oil, 25.6 ktoe of fuel oil and 96.5 ktoe of aviation fuel (Table 2.7)

## **2.4 Electricity generation**

In 2002, 1,948.9 GWh of electricity was generated, as compared to 1,910.8 GWh in 2001, representing an increase of 2.0%. The Central Electricity Board (CEB) generated 50.8% and the Independent Power Producers (IPP's) of the sugar industry, 49.2%. Thermal energy represented 95.6% and hydro, the remaining 4.4%. The effective capacity of the plants decreased from 579.2 MW in 2001 to 575.1 MW in 2002. The peak demand in 2002 reached 308.6 MW (Tables 3.1, 3.5 and 3.6).

### **2.4.1 Fuel input for electricity generation**

Table 3.7 shows the different types of fuel used for electricity generation. Fuel input decreased from 537.3 ktoe in 2001 to 532.5 ktoe in 2002, representing decrease of 0.9%.

In 2002, the major components of the fuel input were bagasse (32.5%), coal (33.4%) and fuel oil (32.3%).

## **2.5 Final energy consumption**

In 2002, some 765.1 ktoe of energy was consumed as final energy compared to 784.4 ktoe in 2001, representing a decrease of 2.5%. The important changes in the different sectors were as follows: "Commercial and Distributive Trade" (+2.3%), "Household" (+1.0%), "Transport" (-2.2%), and "Manufacturing" (-5.0%).

"Transport" and "Manufacturing" remained the two largest energy-consuming sectors accounting for 47.6% and 32.6% of total consumption respectively in 2002. Consumption by "Household" sector represented 13.4%, followed by "Commercial and Distributive Trade", 5.5% and "Agriculture", 0.6%. Details on the different types and amount of fuel consumed by each sector are given in Table 4.4 and 4.5.

### **2.5.1 Manufacturing**

Energy used for manufacturing process in 2002 amounted to 249.2 ktoe, representing a decrease of 5.0% over the figure of 262.4 ktoe registered in 2001. Bagasse contributed 70.8 ktoe, electricity, 61.2 ktoe, fuel and diesel oil, 96.8 ktoe.

### **2.5.2 Transport**

In 2002, 364.1 ktoe of energy were used for transportation. Consumption of gasoline decreased by 0.3% from 94.8 ktoe to 94.5 ktoe and that of aviation fuel by 12.6% from 129.6 ktoe to 113.3 ktoe. On the other hand, consumption of diesel oil went up by 5.4% from 147.0 ktoe to 155.0 ktoe. A significant increase of 44.4% was noted in the use of LPG in the transport sector, from 0.9 ktoe in 2001 to 1.3 ktoe in 2002.

### **2.5.3 Commercial and Distributive Trade**

Total energy consumption by "Commercial and Distributive Trade" sector stood at 41.7 ktoe in 2002 compared to 40.8 ktoe in 2001. Electricity was the main source of energy and its consumption increased from 35.7 ktoe in 2001 to 36.5 ktoe in 2002.

### **2.5.4 Household**

In 2002, energy consumed by households increased by 1.0% to 102.8 ktoe. The two main sources of energy used by households were electricity and LPG. Consumption of these

two sources increased from 44.9 ktoe to 45.8 ktoe (2.0%) and from 40.9 ktoe to 42.1 ktoe (2.9%) respectively.

### **2.5.5 Agriculture**

Electricity and diesel oil were the only two sources of energy used in agriculture. In 2002, 2.4 ktoe of electricity were used for irrigation and 2.4 ktoe of diesel oil were used for derocking of land and for the preparation of soil prior to plantation.

### **2.5.6 Number of electricity consumers and average unit price by category**

The total number of electricity consumers increased from 333,028 in 2001 to 340,443 in 2002. The highest number of consumers (303,620) fell in domestic category, followed by commercial (29,030) and industrial (7,482) (Table 4.7).

## **3 Water**

### **3.1 Water balance**

The estimated water balance for Mauritius is shown in Table 6.1. The water balance indicates how fresh water resources are distributed. In 2002, the island of Mauritius registered 3,905 million cubic metres (Mm<sup>3</sup>) of rainfall. Some 1,171 Mm<sup>3</sup> of water was lost through evapotranspiration while surface run-off and ground water recharge amounted to 2,343 and 391 Mm<sup>3</sup> respectively.

### **3.2 Rainfall**

During the year 2002 the mean amount of rainfall recorded around the island of Mauritius was 2,082 millimetres while in Rodrigues, at Pointe Canon, the mean rainfall was found to be 997 millimetres (Tables 6.3 and 6.4).

### **3.3 Water storage level**

In 2002, the minimum and maximum percentage water storage level of the different reservoirs were as follows:

- Mare aux Vacoas (48.4% and 98.0%)
- La Nicoliere (18.8% and 100.0%)
- Piton du Milieu (40.5% and 100.0%)
- La Ferme (3.5% and 100.0%)
- Mare Longue (2.7% and 99.4%)

The mean water level for all the reservoirs combined together varied from 30.3% to 93.2% during the same period (Table 6.5). It is to be noted that the mean water level is computed as the average level during a month.

### **3.4 Water production**

The total water production by the different water plants amounted to 177.1 million cubic metres (Mm<sup>3</sup>) in 2002, a 1.4% increase compared to 174.7 Mm<sup>3</sup> in 2001. In 2002, average water production from surface and ground water represented 46.1% and 53.9% respectively (Table 6.6).

### **3.5 Water sales and revenue collectible**

Total volume of water sold decreased from 101.8 Mm<sup>3</sup> in 2001 to 100.8 Mm<sup>3</sup> in 2002 (-0.9%). Potable water made up 85.4% of the volume sold and the remaining 14.6% consisted of non-treated water. Water for domestic consumption amounted to 67.6 Mm<sup>3</sup>, accounting for nearly 67 % of the water sales.

The amount of revenue collectible for the year 2002 amounted to Rs 780.1 million, that is an increase of 4.2% over the amount of Rs 748.4 million for 2001 (Table 6.7).



## Section I

Energy commodity balance  
& Main indicators

Table 1.1 - Energy commodity balance, 2002

Flow	Source	Tonne of oil equivalent (toe)											Total	
		Coal	Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Fuel Wood	Charcoal	Hydro	Bagasse		Electricity
Local production		-	-	-	-	-	-	-	-	-	18,890	243,901	-	270,079
Imports		193,459	86,721	349,865	219,572	14,912	200,238	60,409	-	-	-	-	-	1,125,175
Re-exports and bunkering		-	-	(139,932)	(96,527)	-	(25,631)	-	-	-	-	-	-	(262,090)
Stock change / Statistical error		461	7,787	(11,206)	(9,715)	(506)	56,807	(7,953)	-	-	-	-	-	35,674
<b>Total Primary Energy Requirement</b>		<b>193,920</b>	<b>94,508</b>	<b>198,726</b>	<b>113,331</b>	<b>14,406</b>	<b>231,413</b>	<b>52,456</b>	<b>7,288</b>	<b>-</b>	<b>18,890</b>	<b>243,901</b>	<b>-</b>	<b>1,168,838</b>
Public electricity generation plant		-	-	(3,516)	-	(5,660)	(172,432)	-	-	-	(18,832)	-	85,223	(115,218)
Autoproducer plants		(177,869)	-	-	-	-	-	-	-	-	(57)	(173,066)	82,379	(268,614)
Other transformation		-	-	-	-	-	-	-	(714)	348	-	-	-	(367)
Own use		-	-	-	-	-	-	-	-	-	-	-	(3,794)	(3,794)
Losses		-	-	-	-	-	-	-	-	-	-	-	(15,796)	(15,796)
<b>Total Final Consumption</b>		<b>16,051</b>	<b>94,508</b>	<b>195,210</b>	<b>113,331</b>	<b>8,745</b>	<b>58,981</b>	<b>52,456</b>	<b>6,574</b>	<b>348</b>	<b>-</b>	<b>70,836</b>	<b>148,012</b>	<b>765,050</b>
Manufacturing sector		16,051	-	37,783	-	-	58,981	3,782	551	-	-	70,836	61,206	249,190
Transport sector		-	94,508	154,972	113,331	-	-	1,313	-	-	-	-	-	364,124
Commercial and distributive trade sector		-	-	-	-	-	-	4,924	-	252	-	-	36,543	41,718
Residential sector		-	-	-	-	8,745	-	42,145	6,023	96	-	-	45,799	102,809
Agriculture		-	-	2,454	-	-	-	-	-	-	-	-	2,363	4,818
Other		-	-	-	-	-	-	292	-	-	-	-	2,100	2,392

Note: figures in brackets represent negative quantities

Table 1.2 - Energy commodity balance, 2001

Flow	Source	Tonne of oil equivalent (toe)											Total	
		Coal	Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Fuel Wood	Charcoal	Hydro	Bagasse		Electricity
Local production		-	-	-	-	-	-	-	-	-	15,580	267,440	-	290,362
Imports		215,426	93,715	341,424	210,274	12,465	264,132	47,399	-	-	-	-	-	1,184,837
Re-exports and bunkering		-	-	(158,288)	(78,988)	-	(42,200)	-	-	-	-	-	-	(279,476)
Stock change / Statistical error		(29,949)	1,054	7,437	(1,648)	1,304	14,196	3,415	-	-	-	-	-	(4,192)
<b>Total Primary Energy Requirement</b>		<b>185,477</b>	<b>94,769</b>	<b>190,574</b>	<b>129,638</b>	<b>13,769</b>	<b>236,129</b>	<b>50,814</b>	<b>7,342</b>	<b>-</b>	<b>15,580</b>	<b>267,440</b>	<b>-</b>	<b>1,191,532</b>
Public electricity generation plant		-	-	(3,169)	-	(3,910)	(177,924)	-	-	-	(15,498)	-	83,189	(117,312)
Autoproducer plants		(169,493)	-	-	-	-	-	-	-	-	(83)	(182,800)	81,104	(271,272)
Other transformation		-	-	-	-	-	-	-	(730)	355	-	-	-	(374)
Own use		-	-	-	-	-	-	-	-	-	-	-	(3,721)	(3,721)
Losses		-	-	-	-	-	-	-	-	-	-	-	(14,425)	(14,425)
<b>Total Final Consumption</b>		<b>15,984</b>	<b>94,769</b>	<b>187,404</b>	<b>129,638</b>	<b>9,859</b>	<b>58,205</b>	<b>50,814</b>	<b>6,612</b>	<b>355</b>	<b>-</b>	<b>84,640</b>	<b>146,146</b>	<b>784,426</b>
Manufacturing sector		15,984	-	37,908	-	-	58,205	3,942	570	-	-	84,640	61,163	262,413
Transport sector		-	94,769	147,012	129,638	-	-	886	-	-	-	-	-	372,304
Commercial and distributive trade sector		-	-	-	-	-	-	4,806	-	244	-	-	35,728	40,779
Residential sector		-	-	-	-	9,859	-	40,878	6,042	111	-	-	44,950	101,841
Agriculture		-	-	2,485	-	-	-	-	-	-	-	-	2,302	4,787
Other		-	-	-	-	-	-	302	-	-	-	-	2,002	2,304

Note: figures in brackets represent negative quantities

Table 1.3 - Main energy indicators, 1993 - 2002

Details	Unit	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Total primary energy requirement	ktoe	822.00	828.33	889.56	924.33	956.18	1,021.75	1,003.50	1,125.93	1,191.53	1,168.84
<i>Imported</i>	ktoe	529.94	568.37	584.26	634.70	647.31	707.18	778.92	849.02	901.17	898.76
<i>Local</i>	ktoe	292.05	259.97	305.31	289.63	308.87	314.57	224.58	276.91	290.36	270.08
Total primary energy requirement index (1990 = 100)		110.15	111.00	119.20	123.86	128.13	136.92	134.47	150.88	159.67	156.63
Annual increase	%	+1.25	+0.77	+7.39	+3.91	+3.45	+6.86	-1.79	+12.20	+5.83	-1.90
Import dependency	%	64.47	68.62	65.68	68.67	67.70	69.21	77.62	75.41	75.63	76.89
GDP in 1990 rupees*	Rs. Million	46,309	48,254	50,426	53,250	56,285	59,662	61,332	66,607	70,204	71,959
GDP index (1990 = 100)*		116.86	121.77	124.24	134.37	142.03	150.55	154.77	168.08	177.15	181.58
Energy intensity	toe per Rs.100,000 GDP	2.09	2.01	2.05	2.00	1.96	1.98	1.90	1.69	1.70	1.62
Mid-year population	thousand	1,097	1,113	1,122	1,134	1,148	1,160	1,174	1,187	1,200	1,210
Per capita primary energy requirement	toe	0.75	0.74	0.79	0.82	0.83	0.88	0.85	0.95	0.99	0.97
Per capita final energy consumption	toe	0.59	0.58	0.61	0.61	0.63	0.64	0.59	0.63	0.65	0.63
Per capita consumption of electricity sold	KWh	684	736	814	879	947	1,026	1,059	1,158	1,222	1,248

\* Revised in light of SNA'93

## Section II

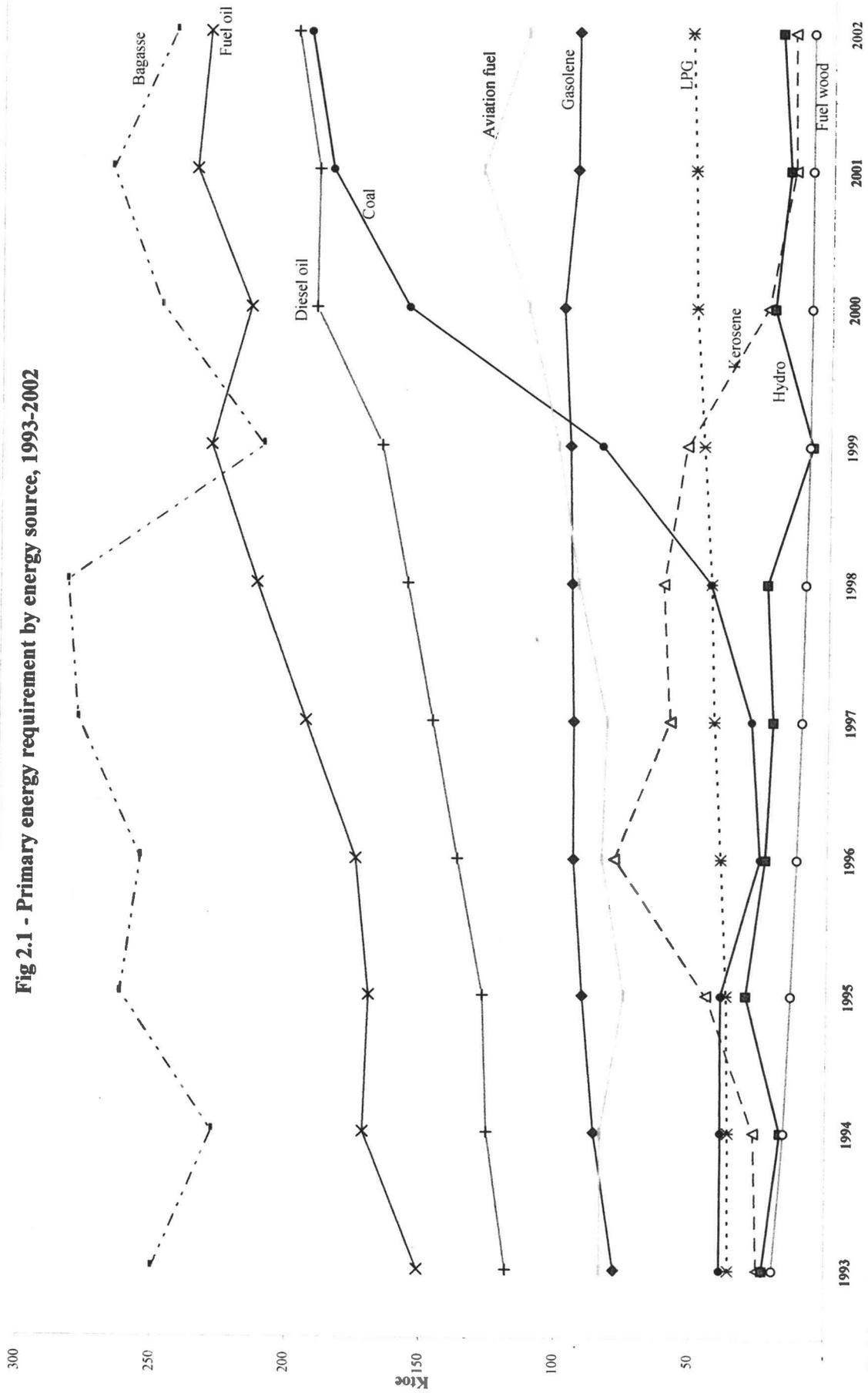
Primary energy requirement

Table 2.1 - Primary energy requirement , 1993-2002

Energy source	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	
<b>Physical unit (Thousand tonne\GWh)</b>											
<b>Imported</b>											
Gasolene	72.3	79.6	84.0	87.4	87.7	88.6	89.5	92.0	87.7	87.5	
Diesel Oil	117.0	124.4	126.3	136.0	145.5	155.1	165.0	189.4	188.7	196.8	
Dual Purpose Kerosene	104.0	105.9	115.2	156.9	135.6	148.7	148.2	130.8	137.9	122.8	
<i>Kerosene</i>	24.0	25.6	42.9	76.3	56.5	59.1	51.0	22.7	13.2	13.9	
<i>Aviation Fuel</i>	80.1	80.4	72.3	80.6	79.0	89.5	97.1	108.1	124.7	109.0	
Fuel Oil	157.5	178.9	177.1	182.6	202.2	221.5	239.6	224.5	246.0	241.1	
LPG	32.9	33.3	34.3	36.6	39.1	40.4	43.4	46.3	47.1	48.6	
Coal	62.5	62.6	63.1	40.3	45.7	70.7	136.6	253.0	299.2	312.8	
<b>Local</b>											
Hydro\Wind	GWh	104	76	135	105	93	105	30	95.7	70.8	85.9
Bagasse*		1,562.2	1,424.2	1,639.8	1,595.1	1,741.0	1,767.0	1,314.4	1,553.3	1,671.5	1,524.4
Fuel Wood *		50.4	#####	34.8	30.0	25.8	23.2	20.2	19.3	19.3	19.2
<b>Energy unit (ktoe)</b>											
<b>Imported</b>											
Gasolene	78.1	86.0	90.7	94.4	94.7	95.7	96.7	99.4	94.8	94.5	
Diesel Oil	118.2	125.7	127.6	137.4	147.0	156.7	166.6	191.3	190.6	198.7	
Dual Purpose Kerosene	108.2	110.2	119.8	163.2	141.0	154.6	154.1	136.0	143.4	127.7	
<i>Kerosene</i>	24.9	26.6	44.6	79.4	58.8	61.5	53.1	23.6	13.8	14.4	
<i>Aviation Fuel</i>	83.3	83.6	75.2	83.8	82.2	93.1	101.0	112.4	129.6	113.3	
Fuel Oil	151.2	171.8	170.0	175.3	194.1	212.7	230.0	215.5	236.1	231.4	
LPG	35.6	36.0	37.0	39.5	42.3	43.7	46.9	50.0	50.8	52.5	
<b>Sub total (Petroleum products)</b>	<b>491.2</b>	<b>529.6</b>	<b>545.1</b>	<b>609.7</b>	<b>619.0</b>	<b>663.3</b>	<b>694.2</b>	<b>692.2</b>	<b>715.7</b>	<b>704.8</b>	
Coal	38.7	38.8	39.1	25.0	28.3	43.9	84.7	156.9	185.5	193.9	
<b>Sub total (Imported)</b>	<b>529.9</b>	<b>568.4</b>	<b>584.3</b>	<b>634.7</b>	<b>647.3</b>	<b>707.2</b>	<b>778.9</b>	<b>849.0</b>	<b>901.2</b>	<b>898.8</b>	
<b>Local</b>											
Hydro \ Wind	22.9	16.7	29.7	23.0	20.5	23.0	6.6	21.0	15.6	18.9	
Bagasse	250.0	227.9	262.4	255.2	278.6	282.7	210.3	248.5	267.4	243.9	
Fuel Wood	19.2	15.4	13.2	11.4	9.8	8.8	7.7	7.3	7.3	7.3	
<b>Sub total (Local)</b>	<b>292.1</b>	<b>260.0</b>	<b>305.3</b>	<b>289.6</b>	<b>308.9</b>	<b>314.6</b>	<b>224.6</b>	<b>276.9</b>	<b>290.4</b>	<b>270.1</b>	
<b>Total</b>	<b>822.0</b>	<b>828.3</b>	<b>889.6</b>	<b>924.3</b>	<b>956.2</b>	<b>1,021.7</b>	<b>1,003.5</b>	<b>1,125.9</b>	<b>1,191.5</b>	<b>1,168.8</b>	
<b>Percentage (%)</b>											
<b>Imported</b>											
Gasolene	9.5	10.4	10.2	10.2	9.9	9.4	9.6	8.8	8.0	8.1	
Diesel Oil	14.4	15.2	14.3	14.9	15.4	15.3	16.6	17.0	16.0	17.0	
Dual Purpose Kerosene	13.2	13.3	13.5	17.7	14.7	15.1	15.4	12.1	12.0	10.9	
<i>Kerosene</i>	3.0	3.2	5.0	8.6	6.1	6.0	5.3	2.1	1.2	1.2	
<i>Aviation Fuel</i>	10.1	10.1	8.5	9.1	8.6	9.1	10.1	10.0	10.9	9.7	
Fuel Oil	18.4	20.7	19.1	19.0	20.3	20.8	22.9	19.1	19.8	19.8	
LPG	4.3	4.3	4.2	4.3	4.4	4.3	4.7	4.4	4.3	4.5	
<b>Sub total (Petroleum products)</b>	<b>59.8</b>	<b>63.9</b>	<b>61.3</b>	<b>66.0</b>	<b>64.7</b>	<b>64.9</b>	<b>69.2</b>	<b>61.5</b>	<b>60.1</b>	<b>60.3</b>	
Coal	4.7	4.7	4.4	2.7	3.0	4.3	8.4	13.9	15.6	16.6	
<b>Sub total (Imported)</b>	<b>64.5</b>	<b>68.6</b>	<b>65.7</b>	<b>68.7</b>	<b>67.7</b>	<b>69.2</b>	<b>77.6</b>	<b>75.4</b>	<b>75.6</b>	<b>76.9</b>	
<b>Local</b>											
Hydro \ Wind	2.8	2.0	3.3	2.5	2.1	2.3	0.7	1.9	1.3	1.6	
Bagasse	30.4	27.5	29.5	27.6	29.1	27.7	21.0	22.1	22.4	20.9	
Fuel Wood	2.3	1.9	1.5	1.2	1.0	0.9	0.8	0.7	0.6	0.6	
<b>Sub total (Local)</b>	<b>35.5</b>	<b>31.4</b>	<b>34.3</b>	<b>31.3</b>	<b>32.3</b>	<b>30.8</b>	<b>22.4</b>	<b>24.6</b>	<b>24.4</b>	<b>23.1</b>	
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	

\* estimates

Fig 2.1 - Primary energy requirement by energy source, 1993-2002



**Table 2.2 - Imports of energy sources (Physical unit), 1993-2002**

	Thousand tonne									
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Gasolene	72.73	78.39	84.16	88.04	88.07	86.90	92.74	89.82	86.77	80.30
Diesel oil	177.25	210.04	226.24	221.99	255.96	282.74	295.55	339.67	338.04	346.40
Dual Purpose Kerosene	159.44	149.52	170.66	195.99	196.25	206.44	231.88	217.37	214.17	225.47
<i>Kerosene</i>	30.63	25.90	39.60	81.15	76.56	54.13	44.18	27.35	11.99	14.34
<i>Aviation Fuel</i>	128.81	123.62	131.06	114.84	119.69	152.31	187.70	190.02	202.19	211.13
Fuel oil	181.43	199.40	207.48	194.37	249.21	274.12	246.28	218.76	275.14	208.58
LPG	29.54	32.67	36.22	36.58	41.67	44.67	43.57	47.34	43.89	55.93
Coal	62.90	38.45	66.36	38.48	27.78	86.34	128.87	222.42	347.46	312.03

**Table 2.3 - Imports of energy sources (Energy unit), 1993 - 2002**

	ktoe									
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Gasolene	78.55	84.66	90.89	95.08	95.12	93.85	100.16	97.01	93.71	86.72
Diesel oil	179.03	212.14	228.50	224.20	258.52	285.56	298.51	343.07	341.42	349.87
Dual Purpose Kerosene	165.82	155.50	177.49	203.83	204.10	214.69	241.15	226.06	222.74	234.48
<i>Kerosene</i>	31.85	26.94	41.19	84.39	79.62	56.29	45.95	28.45	12.47	14.91
<i>Aviation Fuel</i>	133.96	128.56	136.30	119.44	124.48	158.40	195.20	197.62	210.27	219.57
Fuel oil	174.18	191.43	199.18	186.60	239.24	263.16	236.43	210.01	264.13	200.24
LPG	31.91	35.28	39.12	39.51	45.00	48.25	47.06	51.13	47.40	60.41
<b>Sub total (Petroleum products)</b>	<b>629.47</b>	<b>679.01</b>	<b>735.18</b>	<b>749.22</b>	<b>841.98</b>	<b>905.51</b>	<b>923.30</b>	<b>927.25</b>	<b>969.41</b>	<b>931.72</b>
Coal	39.00	23.84	41.14	23.86	17.22	53.53	79.90	137.90	215.43	193.46
<b>Total imports</b>	<b>668.47</b>	<b>702.85</b>	<b>776.32</b>	<b>773.08</b>	<b>859.20</b>	<b>959.05</b>	<b>1,003.20</b>	<b>1,065.16</b>	<b>1,184.84</b>	<b>1,125.18</b>

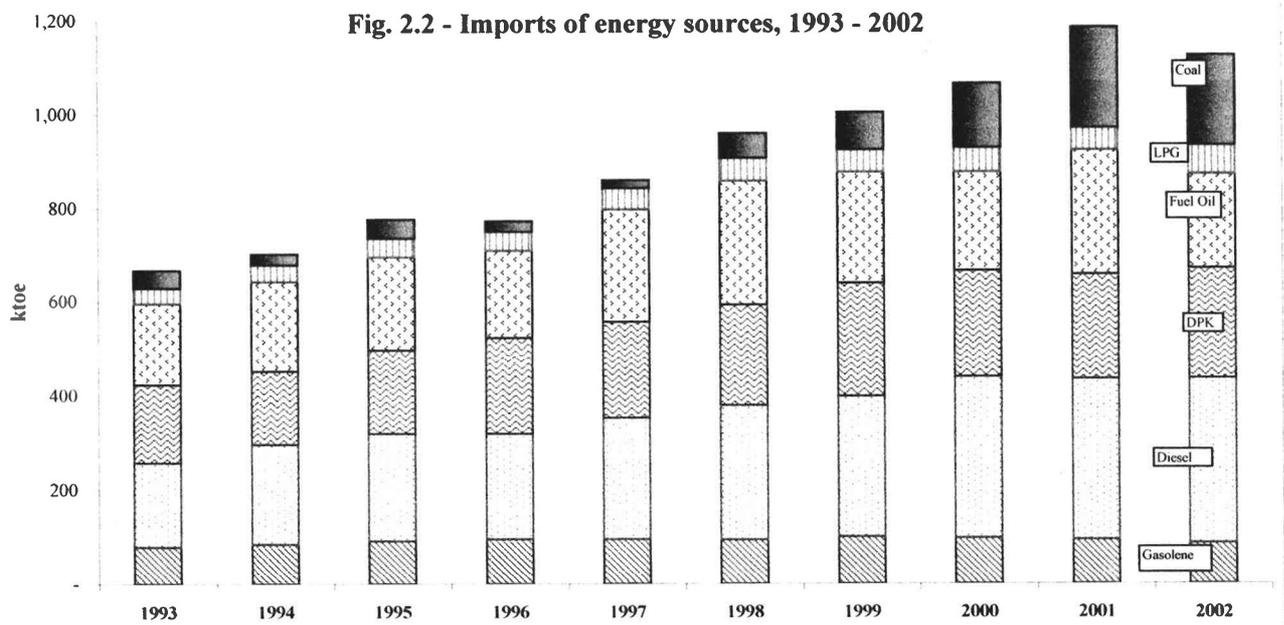


Table 2.4 - Imports of energy sources by country of origin (Physical unit), 1993 - 2002

	Tonne									
Country	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Gasolene</b>	<b>72,728</b>	<b>78,390</b>	<b>84,158</b>	<b>88,041</b>	<b>88,074</b>	<b>86,895</b>	<b>92,737</b>	<b>89,824</b>	<b>86,773</b>	<b>80,297</b>
Bahrain	-	-	3,266	2,986	8,913	24,035	27,798	25,300	26,148	19,837
Kuwait	-	16,303	42,919	53,636	25,731	-	-	-	-	-
Saudi Arabia	-	19,082	22,982	2,737	15,791	46,878	47,644	19,497	15,065	26,907
Singapore	-	-	-	-	-	-	-	-	3,074	-
South Africa	72,728	43,005	14,991	28,682	37,639	15,982	12,960	45,027	30,038	16,190
Utd. Arab Emirates	-	-	-	-	-	-	-	-	12,448	17,363
Yemen	-	-	-	-	-	-	4,335	-	-	-
<b>Diesel</b>	<b>177,254</b>	<b>210,038</b>	<b>226,239</b>	<b>221,985</b>	<b>255,956</b>	<b>282,737</b>	<b>295,551</b>	<b>339,671</b>	<b>338,044</b>	<b>346,401</b>
Bahrain	-	-	10,984	19,005	29,019	78,893	90,841	105,408	62,967	87,179
Kuwait	-	31,377	101,285	107,461	46,948	-	-	-	-	-
Saudi Arabia	-	68,148	53,108	9,993	46,647	150,460	153,800	51,087	90,262	99,745
Singapore	-	-	-	-	-	-	-	-	20,777	-
South Africa	177,254	110,513	60,862	85,526	133,342	53,384	42,199	170,113	123,223	58,841
Utd. Arab Emirates	-	-	-	-	-	-	-	13,063	40,815	100,636
Yemen	-	-	-	-	-	-	8,711	-	-	-
<b>Kerosene (excl. jet fuel)</b>	<b>30,630</b>	<b>25,902</b>	<b>39,602</b>	<b>81,146</b>	<b>76,560</b>	<b>54,128</b>	<b>44,180</b>	<b>27,351</b>	<b>11,986</b>	<b>14,338</b>
Bahrain	-	-	6,621	3,136	3,896	20,765	4,124	922	4,789	3,960
Kuwait	-	2,267	17,999	37,582	26,402	-	-	-	-	-
Saudi Arabia	3,050	10,490	6,601	1,766	13,643	27,193	37,222	1,154	3,290	3,721
Singapore	-	-	-	-	-	-	-	-	26	-
South Africa	27,580	13,145	8,381	38,662	32,619	6,170	2,834	25,275	3,699	2,477
Utd. Arab Emirates	-	-	-	-	-	-	-	-	182	4,180
<b>Jet fuel type kerosene</b>	<b>128,810</b>	<b>123,619</b>	<b>131,060</b>	<b>114,842</b>	<b>119,692</b>	<b>152,308</b>	<b>187,697</b>	<b>190,018</b>	<b>202,187</b>	<b>211,127</b>
Bahrain	-	-	948	15,160	11,074	36,476	63,251	66,643	44,066	37,996
Kuwait	-	24,341	52,793	46,034	17,348	-	-	-	-	-
Saudi Arabia	4,389	36,292	38,721	6,526	22,997	84,984	85,472	38,698	44,896	66,857
Singapore	-	-	-	-	-	-	-	-	5,158	-
South Africa	124,420	62,986	38,598	47,122	68,273	30,848	27,000	84,677	71,815	40,956
Utd. Arab Emirates	-	-	-	-	-	-	-	-	36,252	65,318
Yemen	-	-	-	-	-	-	11,974	-	-	-
<b>Fuel Oil</b>	<b>181,435</b>	<b>199,404</b>	<b>207,477</b>	<b>194,372</b>	<b>249,207</b>	<b>274,125</b>	<b>246,279</b>	<b>218,763</b>	<b>275,138</b>	<b>208,581</b>
Bahrain	-	-	-	17,079	-	28,732	-	-	5,867	-
India	-	-	-	-	-	-	-	-	18,055	-
Iran	-	-	-	-	-	-	-	-	42,976	31,000
Kenya	56,467	10,764	41,388	10,163	-	11,584	44,168	-	-	-
Kuwait	-	34,520	51,116	77,139	49,108	-	-	-	-	-
Madagascar	32,210	12,631	89,749	86,984	153,944	174,599	117,521	117,116	98,076	40,587
Saudi Arabia	-	-	-	-	-	-	-	-	6,956	-
Singapore	-	-	-	-	-	-	-	-	-	23,827
South Africa	70,658	115,014	10,569	3,007	23,803	18,522	3,772	13,825	28,847	17,261
Tanzania	22,101	11,254	11,633	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	40,688	80,818	87,822	74,361	77,729
Ukraine	-	-	-	-	-	-	-	-	-	18,177
Other countries	-	15,222	3,022	-	22,352	-	-	-	-	-
<b>LPG</b>	<b>29,385</b>	<b>32,669</b>	<b>36,222</b>	<b>36,584</b>	<b>41,658</b>	<b>44,675</b>	<b>43,544</b>	<b>47,346</b>	<b>43,888</b>	<b>55,934</b>
Bahrain	1,922	4,969	-	-	-	-	-	-	-	-
France	-	-	-	-	829	2,704	-	-	-	4,842
Indonesia	-	-	-	-	2,257	3,054	3,146	197	-	-
Malaysia	-	-	4,811	-	-	1,659	2,157	1,821	7,126	9,281
Philippines	24,339	7,467	10,008	6,297	5,186	2,625	402	-	-	-
Saudi Arabia	1,515	971	-	-	-	-	-	-	-	2,029
Singapore	192	3,712	1,062	-	11,035	5,983	6,715	4,946	2,091	15,793
South Africa	170	14,305	20,341	30,246	20,718	27,299	31,124	38,522	34,671	18,890
Utd. Arab Emirates	574	-	-	-	-	-	-	1,830	-	-
Yemen	-	-	-	-	-	-	-	-	-	3,225
Other countries	673	1245	-	41	1633	1351	-	30	-	1,874
<b>Coal</b>	<b>62,904</b>	<b>38,450</b>	<b>66,362</b>	<b>38,481</b>	<b>27,782</b>	<b>86,343</b>	<b>128,871</b>	<b>222,423</b>	<b>347,462</b>	<b>312,031</b>
Greece	-	-	1,000	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	53,627	25,748	36,943	-	157,645
South Africa	62,904	38,450	65,362	38,481	27,782	32,717	103,123	185,480	347,462	154,386

Table 2.5 - Imports of energy sources by country of origin (c.i.f value), 1993- 2002

	Rs(000)									
Country	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Gasolene</b>	<b>260,256</b>	<b>251,615</b>	<b>277,137</b>	<b>381,000</b>	<b>410,552</b>	<b>356,322</b>	<b>475,173</b>	<b>744,311</b>	<b>646,125</b>	<b>605,654</b>
Bahrain	-	-	13,507	13,735	47,439	102,814	167,006	215,549	203,232	164,003
Kuwait	-	52,550	141,463	231,003	111,754	-	-	-	-	-
Saudi Arabia	-	63,595	72,379	14,051	78,961	191,194	223,102	177,034	110,845	222,842
Singapore	-	-	-	-	-	-	-	-	26,345	-
South Africa	260,256	135,470	49,788	122,211	172,398	62,313	70,677	351,728	218,891	89,057
Utd. Arab Emirates	-	-	-	-	-	-	-	-	86,812	129,752
Yemen	-	-	-	-	-	-	14,388	-	-	-
<b>Diesel</b>	<b>564,438</b>	<b>589,601</b>	<b>660,368</b>	<b>913,215</b>	<b>1,003,872</b>	<b>808,284</b>	<b>1,114,019</b>	<b>2,166,701</b>	<b>2,046,171</b>	<b>2,223,576</b>
Bahrain	-	-	35,938	78,158	111,765	217,560	377,663	661,929	392,692	617,939
Kuwait	-	90,163	298,098	445,324	191,273	-	-	-	-	-
Saudi Arabia	-	192,686	149,713	46,273	185,469	428,385	542,322	352,594	580,062	667,094
Singapore	-	-	-	-	-	-	-	-	131,704	-
South Africa	564,438	306,751	176,618	343,460	515,365	162,340	172,026	1,092,232	710,386	298,879
Utd. Arab Emirates	-	-	-	-	-	-	-	59,945	231,327	639,664
Yemen	-	-	-	-	-	-	22,008	-	-	-
<b>Kerosene (excl. jet fuel)</b>	<b>109,361</b>	<b>86,901</b>	<b>133,781</b>	<b>386,324</b>	<b>338,428</b>	<b>186,890</b>	<b>178,500</b>	<b>205,854</b>	<b>84,912</b>	<b>102,760</b>
Bahrain	-	-	22,911	15,761	16,643	74,348	22,318	7,376	34,503	32,509
Kuwait	-	7,809	60,700	176,205	115,723	-	-	-	-	-
Saudi Arabia	10,835	38,097	21,017	8,728	60,588	92,513	140,819	10,320	25,560	27,076
Singapore	-	-	-	-	-	-	-	-	185	-
South Africa	98,526	40,995	29,153	185,631	145,474	20,029	15,362	188,158	23,874	14,204
Utd. Arab Emirates	-	-	-	-	-	-	-	-	790	28,971
<b>Jet fuel type kerosene</b>	<b>449,708</b>	<b>387,033</b>	<b>434,406</b>	<b>517,606</b>	<b>502,221</b>	<b>513,571</b>	<b>819,982</b>	<b>1,349,534</b>	<b>1,335,866</b>	<b>1,460,996</b>
Bahrain	-	-	3,280	72,545	47,057	135,915	311,847	459,620	309,308	283,167
Kuwait	-	76,951	174,824	209,900	76,875	-	-	-	-	-
Saudi Arabia	15,595	116,163	122,101	32,253	94,333	280,356	347,040	301,037	314,388	506,813
Singapore	-	-	-	-	-	-	-	-	36,621	-
South Africa	434,113	193,919	134,201	202,908	283,956	97,300	125,447	588,877	451,940	235,954
Utd. Arab Emirates	-	-	-	-	-	-	-	-	223,609	435,062
Yemen	-	-	-	-	-	-	35,649	-	-	-
<b>Fuel Oil</b>	<b>271,166</b>	<b>338,136</b>	<b>385,252</b>	<b>449,279</b>	<b>587,266</b>	<b>568,421</b>	<b>717,704</b>	<b>964,288</b>	<b>1,213,934</b>	<b>1,067,208</b>
Bahrain	-	-	-	40,519	-	67,417	-	-	25,204	-
India	-	-	-	-	-	-	-	-	70,227	-
Iran	-	-	-	-	-	-	-	-	183,394	147,318
Kenya	91,194	19,363	80,048	24,432	-	24,615	125,087	-	-	-
Kuwait	-	64,438	100,915	184,899	111,442	-	-	-	-	-
Madagascar	45,687	17,855	161,045	192,024	360,166	364,899	311,355	499,540	430,723	196,684
Saudi Arabia	-	-	-	-	-	-	-	-	37,743	-
Singapore	-	-	-	-	-	-	-	-	-	115,267
South Africa	97,334	192,075	18,459	7,406	63,790	34,693	14,865	58,133	126,509	85,306
Tanzania	36,950	16,361	19,355	-	-	-	-	-	-	-
Utd. Arab Emirates	-	-	-	-	-	76,797	266,398	406,615	340,134	423,173
Ukraine	-	-	-	-	-	-	-	-	-	99,460
Other countries	-	28,044	5,430	-	51,868	-	-	-	-	-
<b>LPG</b>	<b>179,637</b>	<b>195,589</b>	<b>228,447</b>	<b>262,436</b>	<b>339,170</b>	<b>323,436</b>	<b>377,853</b>	<b>510,470</b>	<b>517,009</b>	<b>534,452</b>
Bahrain	11,801	29,843	-	-	-	-	-	-	-	-
France	-	-	-	-	7,821	18,305	-	-	-	43,961
Indonesia	-	-	-	-	18,938	20,235	27,351	2,675	-	-
Malaysia	-	-	28,636	-	-	12,721	22,203	20,428	83,650	89,409
Philippines	148,406	45,594	68,199	43,994	39,574	17,733	5,017	-	-	-
Saudi Arabia	9,346	6,107	-	-	-	-	-	-	-	17,677
Singapore	1,144	23,574	5,870	-	92,526	42,956	51,035	56,369	25,037	157,050
South Africa	1,035	82,623	125,742	218,118	164,748	199,901	272,246	411,296	408,322	170,911
Utd. Arab Emirates	3,791	-	-	-	-	-	-	19,230	-	-
Yemen	-	-	-	-	-	-	-	-	-	35,683
Other countries	4,113	7,848	-	324	15,563	11,584	-	471	-	19,761
<b>Coal</b>	<b>34,121</b>	<b>35,336</b>	<b>65,177</b>	<b>41,930</b>	<b>31,017</b>	<b>114,427</b>	<b>112,089</b>	<b>195,037</b>	<b>390,951</b>	<b>342,748</b>
Greece	-	-	1,047	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	74,877	21,880	29,877	-	171,803
South Africa	34,121	35,336	64,130	41,930	31,017	39,550	90,209	165,159	390,951	170,945
<b>All energy sources</b>	<b>1,869,646</b>	<b>1,884,211</b>	<b>2,184,567</b>	<b>2,951,789</b>	<b>3,212,525</b>	<b>2,871,350</b>	<b>3,795,713</b>	<b>6,136,195</b>	<b>6,234,968</b>	<b>6,337,394</b>

Table 2.6 Average import price of energy sources by country of origin , 1993 - 2002

	Rs/tonne									
Country	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Gasolene</b>	<b>3,578</b>	<b>3,210</b>	<b>3,293</b>	<b>4,328</b>	<b>4,661</b>	<b>4,101</b>	<b>5,124</b>	<b>8,286</b>	<b>7,446</b>	<b>7,543</b>
Bahrain	-	-	4,136	4,600	5,322	4,278	6,008	8,520	7,772	8,268
Kuwait	-	3,223	3,296	4,307	4,343	-	-	-	-	-
Saudi Arabia	-	3,333	3,149	5,134	5,000	4,079	4,683	9,080	7,358	8,282
Singapore	-	-	-	-	-	-	-	-	8,570	-
South Africa	3,578	3,150	3,321	4,261	4,580	3,899	5,453	7,811	7,287	5,501
Utd. Arab Emirates	-	-	-	-	-	-	-	-	6,974	7,473
Yemen	-	-	-	-	-	-	3,319	-	-	-
<b>Diesel</b>	<b>3,184</b>	<b>2,807</b>	<b>2,919</b>	<b>4,114</b>	<b>3,922</b>	<b>2,859</b>	<b>3,769</b>	<b>6,379</b>	<b>6,053</b>	<b>6,419</b>
Bahrain	-	-	3,272	4,113	3,851	2,758	4,157	6,280	6,236	7,088
Kuwait	-	2,874	2,943	4,144	4,074	-	-	-	-	-
Saudi Arabia	-	2,827	2,819	4,631	3,976	2,847	3,526	6,902	6,426	6,688
Singapore	-	-	-	-	-	-	-	-	6,339	-
South Africa	3,184	2,776	2,902	4,016	3,865	3,041	4,077	6,421	5,765	5,079
Utd. Arab Emirates	-	-	-	-	-	-	-	4,589	5,668	6,356
Yemen	-	-	-	-	-	-	2,526	-	-	-
<b>Kerosene (excl. jet fuel)</b>	<b>3,570</b>	<b>3,355</b>	<b>3,378</b>	<b>4,761</b>	<b>4,420</b>	<b>3,453</b>	<b>4,040</b>	<b>7,526</b>	<b>7,084</b>	<b>7,167</b>
Bahrain	-	-	3,460	5,026	4,272	3,580	5,412	8,000	7,205	8,209
Kuwait	-	3,445	3,372	4,689	4,383	-	-	-	-	-
Saudi Arabia	3,553	3,632	3,184	4,942	4,441	3,402	3,783	8,942	7,769	7,277
Singapore	-	-	-	-	-	-	-	-	7,115	-
South Africa	3,572	3,119	3,478	4,801	4,460	3,246	5,421	7,444	6,454	5,734
Utd. Arab Emirates	-	-	-	-	-	-	-	-	4,341	6,931
<b>Jet fuel type kerosene</b>	<b>3,491</b>	<b>3,131</b>	<b>3,315</b>	<b>4,507</b>	<b>4,196</b>	<b>3,372</b>	<b>4,369</b>	<b>7,102</b>	<b>6,607</b>	<b>6,920</b>
Bahrain	-	-	3,460	4,785	4,249	3,726	4,930	6,897	7,019	7,453
Kuwait	-	3,161	3,311	4,560	4,431	-	-	-	-	-
Saudi Arabia	3,553	3,201	3,153	4,942	4,102	3,299	4,060	7,779	7,003	7,581
Singapore	-	-	-	-	-	-	-	-	7,100	-
South Africa	3,489	3,079	3,477	4,306	4,159	3,154	4,646	6,954	6,293	5,761
Utd. Arab Emirates	-	-	-	-	-	-	-	-	6,168	6,661
Yemen	-	-	-	-	-	-	2,977	-	-	-
<b>Fuel Oil</b>	<b>1,495</b>	<b>1,696</b>	<b>1,857</b>	<b>2,311</b>	<b>2,357</b>	<b>2,074</b>	<b>2,914</b>	<b>4,408</b>	<b>4,412</b>	<b>5,117</b>
Bahrain	-	-	-	2,372	-	2,346	-	-	4,296	-
India	-	-	-	-	-	-	-	-	3,890	-
Iran	-	-	-	-	-	-	-	-	4,267	4,752
Kenya	1,615	1,799	1,934	2,404	-	2,125	2,832	-	-	-
Kuwait	-	1,867	1,974	2,397	2,269	-	-	-	-	-
Madagascar	1,418	1,414	1,794	2,208	2,340	2,090	2,649	4,265	4,392	4,846
Saudi Arabia	-	-	-	-	-	-	-	-	5,426	-
Singapore	-	-	-	-	-	-	-	-	-	4,838
South Africa	1,378	1,670	1,747	2,463	2,680	1,873	3,941	4,205	4,386	4,942
Tanzania	1,672	1,454	1,664	-	-	-	-	-	-	-
Utd. Arab Emirates	-	-	-	-	-	1,887	3,296	4,630	4,574	5,444
Ukraine	-	-	-	-	-	-	-	-	-	5,472
Other countries	-	1,842	1,797	-	2,321	-	-	-	-	-
<b>LPG</b>	<b>6,113</b>	<b>5,987</b>	<b>6,307</b>	<b>7,173</b>	<b>8,140</b>	<b>7,240</b>	<b>8,677</b>	<b>10,782</b>	<b>11,780</b>	<b>9,555</b>
Bahrain	6,140	6,006	-	-	-	-	-	-	-	-
France	-	-	-	-	9,434	6,770	-	-	-	9,079
Indonesia	-	-	-	-	8,391	6,626	8,693	13,577	-	-
Malaysia	-	-	5,952	-	-	7,668	10,294	11,218	11,739	9,634
Philippines	6,097	6,106	6,814	6,986	7,631	6,755	12,478	-	-	-
Saudi Arabia	6,169	6,289	-	-	-	-	-	-	-	-
Singapore	5,958	6,351	5,527	-	8,385	7,180	7,600	11,402	11,974	9,944
South Africa	6,091	5,776	6,182	7,211	7,952	7,323	8,747	10,677	11,777	9,048
Utd. Arab Emirates	6,609	-	-	-	-	-	-	10,508	-	-
Yemen	-	-	-	-	-	-	-	-	-	11,064
Other countries	6,110	6,302	-	7,820	9,528	8,574	-	15,700	-	10,545
<b>Coal</b>	<b>542</b>	<b>919</b>	<b>982</b>	<b>1,090</b>	<b>1,116</b>	<b>1,325</b>	<b>870</b>	<b>877</b>	<b>1,125</b>	<b>1,098</b>
Greece	-	-	1,047	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	1,396	850	809	-	1,090
South Africa	542	919	981	1,090	1,116	1,209	875	890	1,125	1,107

Fig 2.3 - Average import price of energy sources, 1993-2002

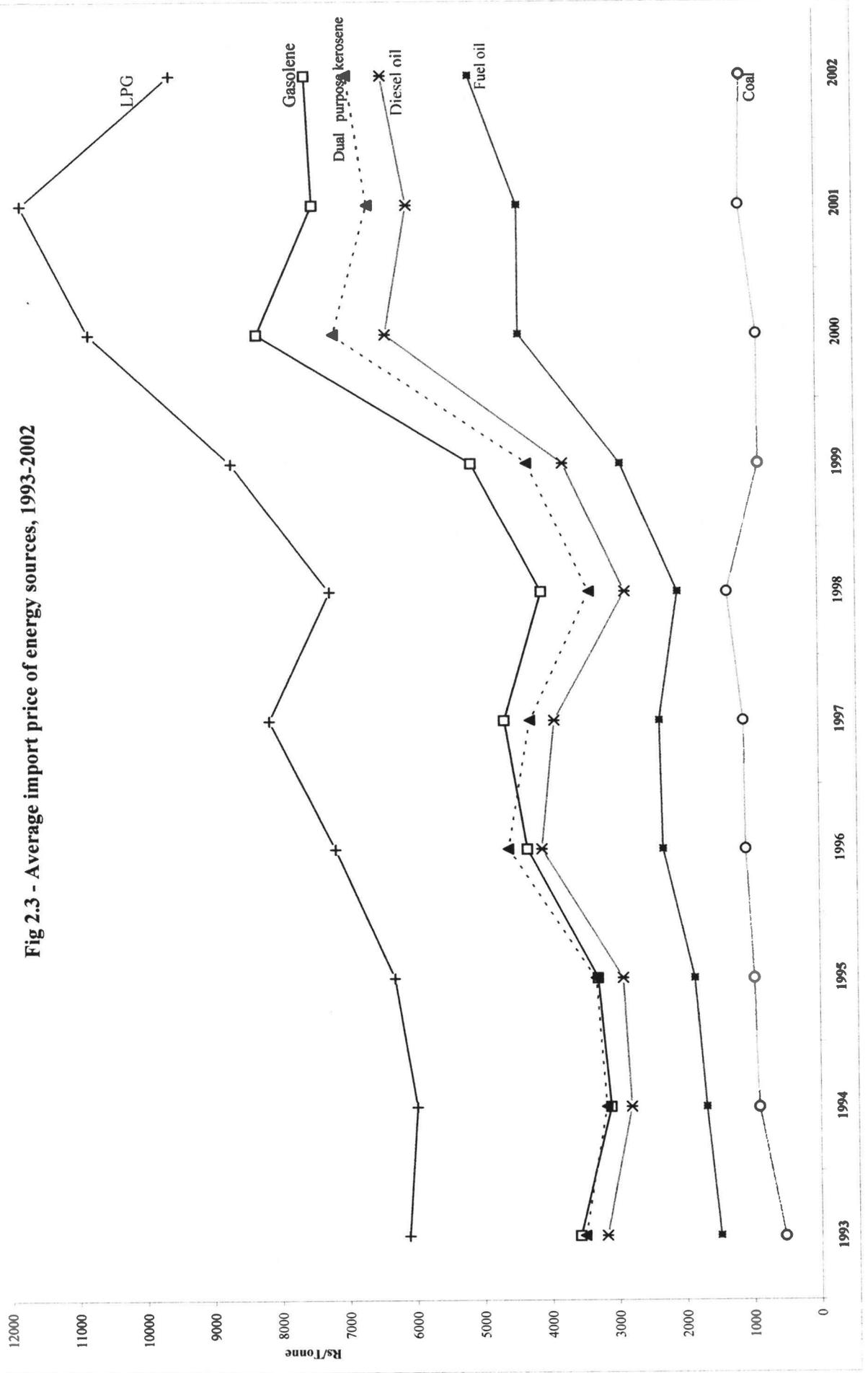
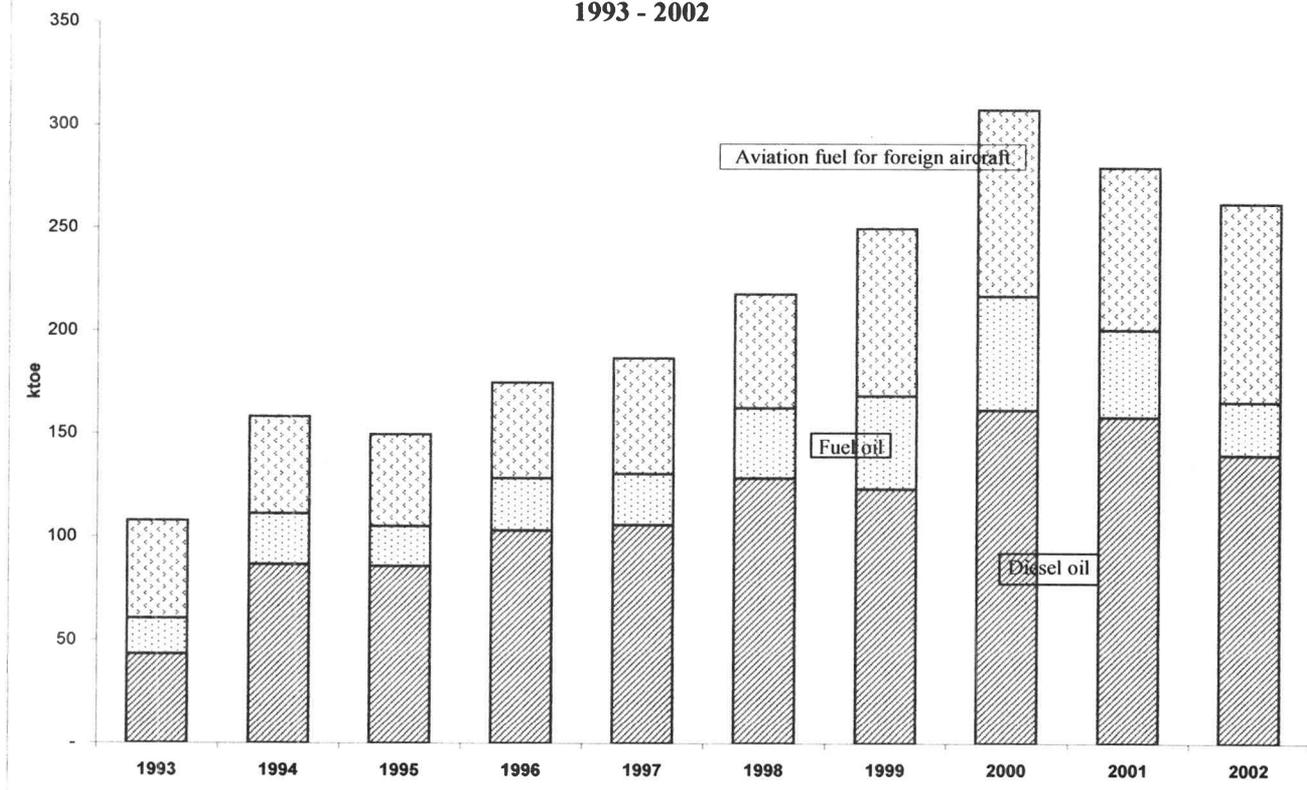


Table 2.7 - Re-exports of energy sources to foreign aircraft and bunkers, 1993 - 2002

Energy re-exported	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
	<i>Thousand tonne</i>									
Aviation fuel for foreign aircraft	45.54	45.35	42.76	44.57	54.00	53.15	78.26	87.52	75.95	92.81
Diesel oil	42.60	85.75	85.05	102.15	104.82	127.32	122.12	159.97	156.72	138.55
Fuel oil	18.06	25.53	19.97	26.25	25.71	35.32	46.94	57.62	43.96	26.70
<b>Total</b>	<b>106.20</b>	<b>156.63</b>	<b>147.78</b>	<b>172.97</b>	<b>184.53</b>	<b>215.79</b>	<b>247.33</b>	<b>305.10</b>	<b>276.63</b>	<b>258.06</b>
	<i>Ktoe</i>									
Aviation fuel for foreign aircraft	47.36	47.16	44.47	46.35	56.16	55.27	81.39	91.02	78.99	96.53
Diesel oil	43.03	86.61	85.90	103.17	105.87	128.59	123.34	161.57	158.29	139.93
Fuel oil	17.34	24.51	19.17	25.20	24.68	33.91	45.06	55.32	42.20	25.63
<b>Total</b>	<b>107.73</b>	<b>158.28</b>	<b>149.54</b>	<b>174.73</b>	<b>186.71</b>	<b>217.77</b>	<b>249.79</b>	<b>307.90</b>	<b>279.48</b>	<b>262.09</b>

Fig. 2.4 - Re-exports of energy sources to foreign aircraft and bunkers, 1993 - 2002





## Section III

### Transformation of energy

Table 3.1 - Plant capacity, peak demand, electricity generation and consumption, 1993 - 2002

Year	Plant capacity (MW)				Peak Demand (MW)		Electricity generated (GWh)					Sales (GWh)
	Installed		Effective				Hydro	Wind	Thermal	Total	Available for sales	
	Isl. of Mtius	Rod.	Isl. of Mtius	Rod.	Isl. of Mtius	Rod.						
1993	339.2	3.6	307.8	3.0	169.6	2.1	104.05	0.20	884.33	988.58	878.26	750.46
1994	339.2	3.6	307.8	3.0	187.2	2.3	75.75	0.21	971.82	1,047.78	955.82	818.59
1995	364.6	4.0	331.9	3.4	200.5	2.6	135.02	0.04	1,030.47	1,165.53	1,059.35	913.85
1996	364.6	4.0	331.9	3.4	218.7	2.9	104.50	0.10	1,167.59	1,272.19	1,164.29	995.96
1997	401.7	5.0	370.0	4.4	238.1	3.2	93.15	0.05	1,304.97	1,398.17	1,266.85	1,087.35
1998	480.4	6.0	396.7	5.4	248.9	3.5	104.71	-	1,434.20	1,538.91	1,381.71	1,190.31
1999	522.3	6.0	425.7	5.4	265.8	3.8	30.01	-	1,554.79	1,584.80	1,440.71	1,244.12
2000	654.8*	6.0	571.8*	5.4	283.9	3.8	95.65	-	1,681.86	1,777.51	1,584.51	1,374.57
2001	654.8*	6.0	573.8*	5.4	297.4	4.2	70.82	-	1,840.00	1,910.82	1,677.70	1,466.65
2002	650.9*	6.0	569.7*	5.4	308.6	4.4	85.86	-	1,863.00	1,948.86	1,737.63	1,509.83

\* Includes plant capacity for electricity not exported to CEB, figures not available for previous years

Source: Central Electricity Board and Annual Sugar Industry Energy Survey

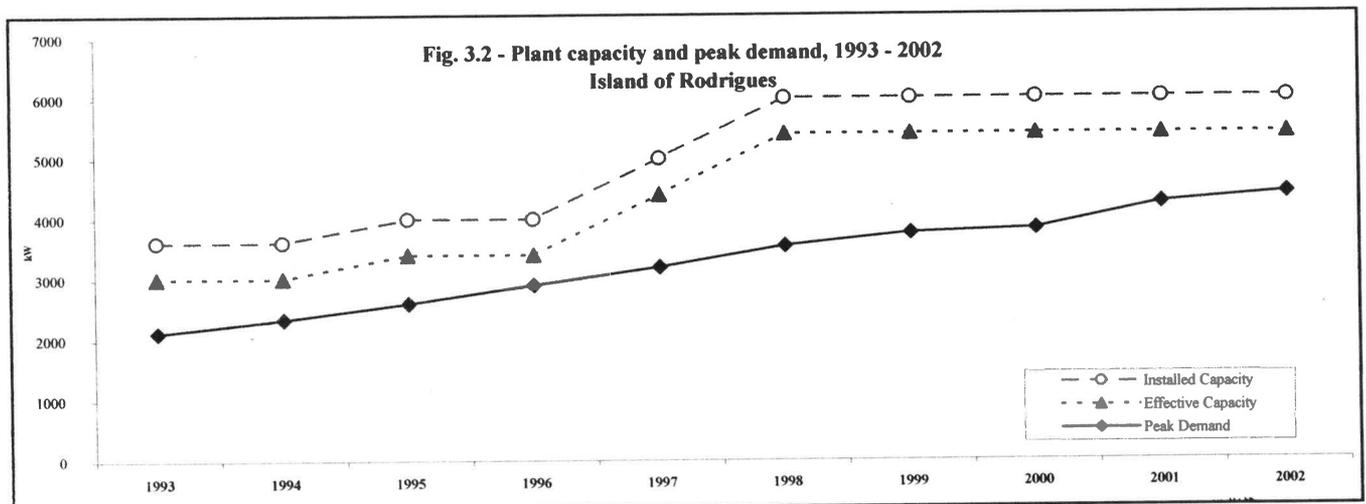
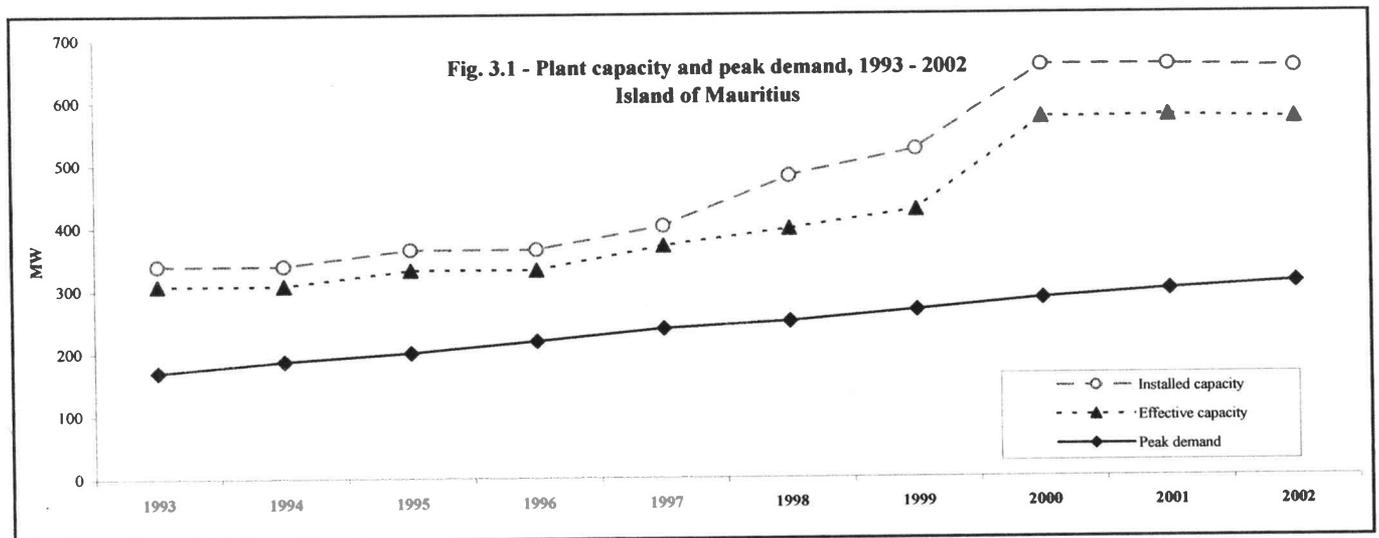


Table 3.2 - Plant capacity (MW), 2002

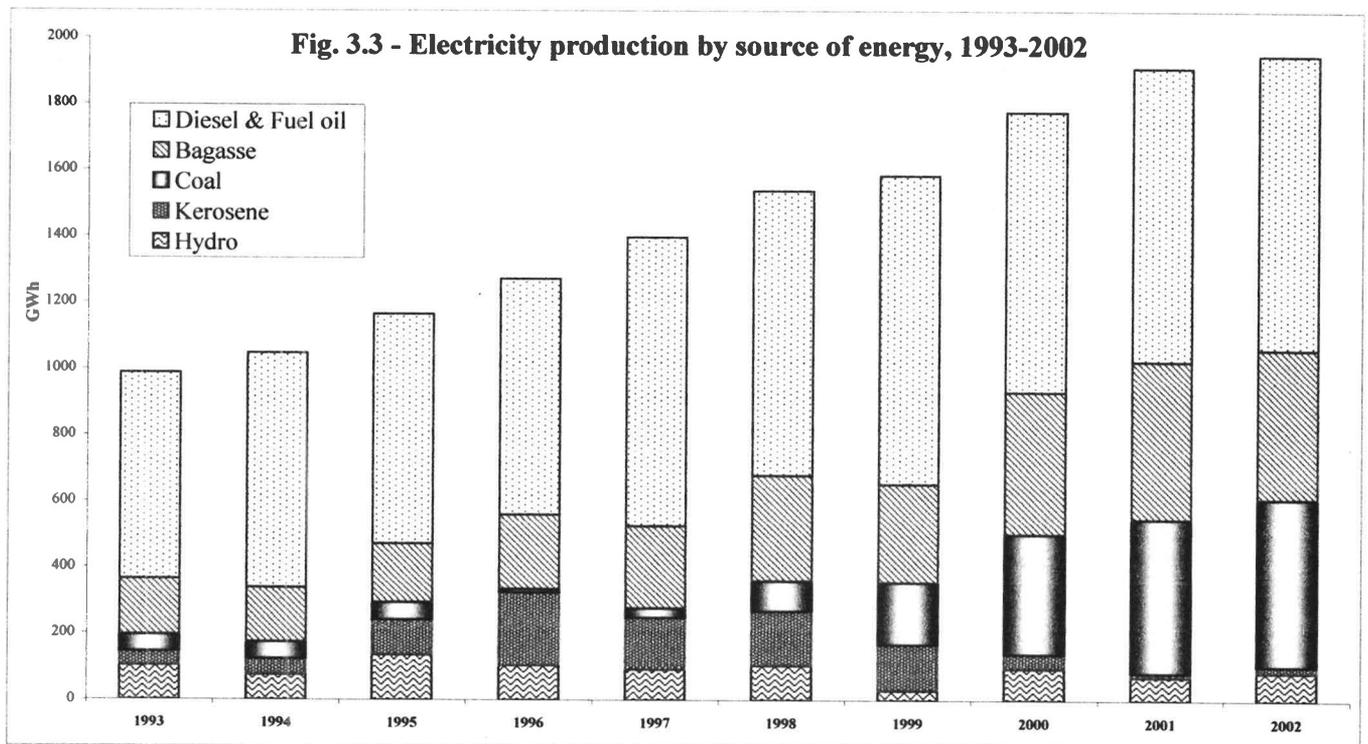
Central Electricity Board (CEB)			Independent Power Producers (IPP)		
	Plant capacity (MW)			Plant capacity (MW)	
	Installed	Effective		Installed	Effective
<b>Hydro:</b>			<b>Hydro:</b>		
Champagne	30.00	28.00	Bois Cherie	0.10	0.10
Ferney	10.00	10.00	Riche en Eau	0.20	0.20
Tamarind Falls	11.10	8.00	St Felix	0.10	0.04
Le Val	4.00	4.00	Britannia	0.00	0.04
Reduit	1.20	1.20	<b>Total hydro</b>	<b>0.40</b>	<b>0.38</b>
Cascade Cecile	1.00	1.00	<b>Thermal:</b>		
Magenta	0.94	0.80	<u>Firm producers<sup>1</sup></u>	140.10	123.10
La Ferme	1.20	1.20	F.U.E.L.	40.50	36.00
<b>Total hydro</b>	<b>59.44</b>	<b>54.20</b>	Compagnie thermique de Belle Vue	71.20	62.00
<b>Thermal:</b>			Consolidated energy limited	28.40	25.10
<u>Island of Mauritius</u>	<u>348.52</u>	<u>308.00</u>	<u>Continuous producers<sup>2</sup></u>	<u>102.40</u>	<u>84.00</u>
St Louis	71.80	54.00	Savannah	15.60	12.00
Fort Victoria	61.72	45.00	Medine	13.00	12.30
Nicolay	78.00	76.00	Britannia	2.20	1.40
Fort George	137.00	133.00	Mon Desert Alma	13.80	13.00
<u>Island of Rodrigues</u>	<u>6.00</u>	<u>5.40</u>	Mon Loisir	14.00	13.60
<b>Total thermal</b>	<b>354.52</b>	<b>313.40</b>	Riche en Eau	11.20	10.00
			Union St. Aubin	12.20	11.00
			Mon Tresor Mon Desert	18.00	10.00
			St Felix	2.40	0.70
			<b>Total thermal</b>	<b>242.50</b>	<b>207.10</b>
<b>Total capacity</b>	<b>413.96</b>	<b>367.60</b>	<b>Total capacity</b>	<b>242.90</b>	<b>207.48</b>
<b>Total plant capacity</b>			<b>Installed</b>		<b>Effective</b>
1. Island of Mauritius			650.86		569.68
CEB			407.96		362.20
IPP			242.90		207.48
<i>of which involved in export to CEB</i>			214.10		151.30
2. Island of Rodrigues (CEB)			6.00		5.40
<b>Total</b>			<b>656.86</b>		<b>575.08</b>

<sup>1</sup> Producing electricity all year round with bagasse/coal

<sup>2</sup> Producing electricity with bagasse only during crop season

Source: Central Electricity Board & Annual Sugar Industry Energy Survey





**Table 3.5 - Generation of electricity by CEB and IPP, 1993 - 2002**

Power station	GWh									
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>CEB</b>	<b>766.42</b>	<b>832.97</b>	<b>934.08</b>	<b>1,035.29</b>	<b>1,118.60</b>	<b>1,124.76</b>	<b>1,096.95</b>	<b>983.33</b>	<b>967.54</b>	<b>990.97</b>
Hydro	102.90	75.23	134.17	103.65	92.18	103.95	29.53	95.25	70.44	85.60
Wind	0.20	0.21	0.04	0.10	0.05	-	-	-	-	-
<i>Island of Rodrigues</i>	0.20	0.21	0.04	0.10	0.05	-	-	-	-	-
Thermal	663.32	757.53	799.87	931.54	1,026.37	1,020.81	1,067.41	888.08	897.09	905.36
<i>Island of Mauritius</i>	654.37	746.94	787.93	918.33	1,011.31	1,003.89	1,049.30	868.46	876.47	882.81
<i>Island of Rodrigues</i>	8.95	10.59	11.94	13.21	15.06	16.92	18.11	19.62	20.63	22.56
<b>IPP</b>	<b>222.16</b>	<b>214.81</b>	<b>231.45</b>	<b>236.90</b>	<b>279.57</b>	<b>414.15</b>	<b>487.85</b>	<b>794.18</b>	<b>943.29</b>	<b>957.89</b>
Hydro	1.15	0.52	0.85	0.85	0.97	0.76	0.47	0.40	0.38	0.26
<i>Of which : exported to CEB</i>	0.80	0.22	0.25	0.17	0.25	0.22	0.04	0.01	0.00	0.00
Thermal <sup>1</sup>	221.01	214.29	230.59	236.05	278.60	413.39	487.38	793.78	942.91	957.63
<i>Of which : exported to CEB</i>	111.04	122.63	125.02	128.83	148.00	256.73	343.72	601.17	710.16	746.66
Coal ( <i>Firm producers</i> <sup>2</sup> )	40.00	46.00	40.90	9.84	23.38	62.39	155.20	322.72	413.69	447.60
Bagasse	71.04	76.63	84.12	119.00	124.61	194.34	188.53	278.45	296.47	299.06
<i>Firm producers</i> <sup>2</sup>	...	...	49.14	79.61	66.07	81.81	110.76	166.96	182.79	171.06
<i>Continuous producers</i> <sup>3</sup>	...	...	34.98	39.39	58.54	112.53	77.76	111.49	113.68	128.00
<b>Total</b>	<b>988.58</b>	<b>1,047.78</b>	<b>1,165.53</b>	<b>1,272.19</b>	<b>1,398.17</b>	<b>1,538.91</b>	<b>1,584.80</b>	<b>1,777.51</b>	<b>1,910.82</b>	<b>1,948.86</b>
<b>Island of Mauritius</b>										
CEB	757.27	822.17	922.10	1,021.98	1,103.49	1,107.84	1,078.83	963.71	946.91	968.41
IPP export to CEB	111.84	122.85	125.27	129.00	148.25	256.95	343.76	601.18	710.16	746.66
<b>Total available for sales</b>	<b>869.11</b>	<b>945.02</b>	<b>1,047.37</b>	<b>1,150.98</b>	<b>1,251.75</b>	<b>1,364.79</b>	<b>1,422.59</b>	<b>1,564.90</b>	<b>1,657.08</b>	<b>1,715.07</b>

1 Estimate

2 Producing electricity all year round with bagasse/coal

3 Producing electricity with bagasse only during crop season

Fig. 3.4 - Generation of electricity by CEB and IPP(export to CEB), 1993-2002

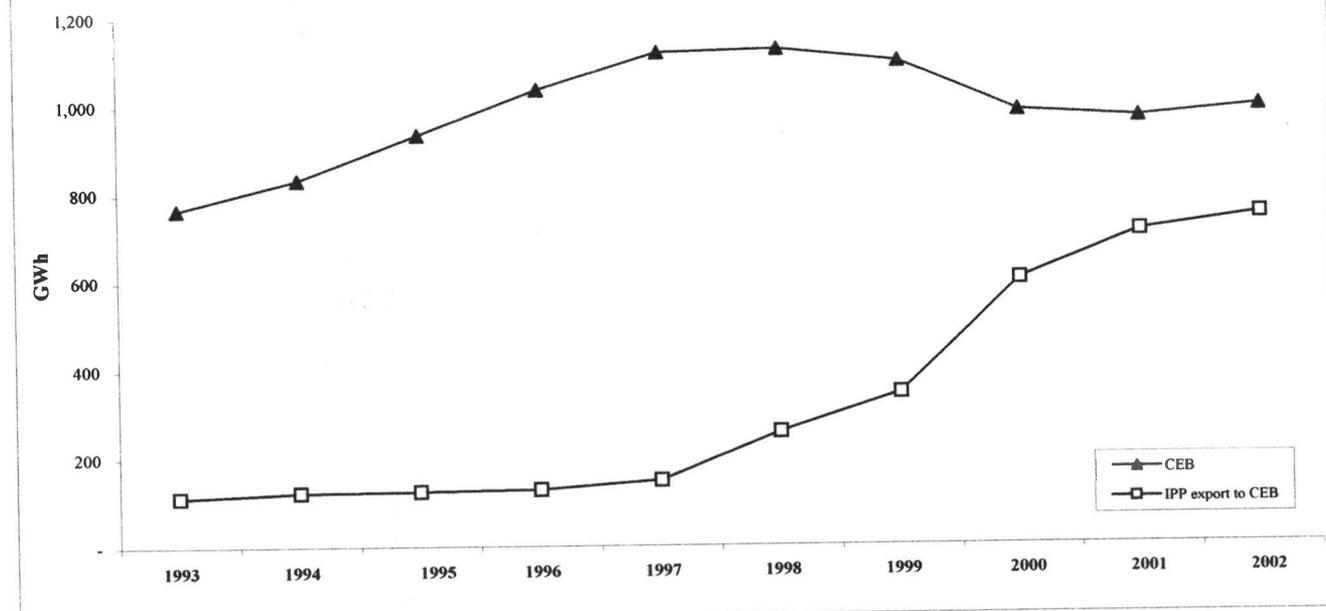


Table 3.6 - Percentage share of electricity generated by CEB and IPP, 1993 - 2002

Power station	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>CEB</b>	<b>77.5</b>	<b>79.5</b>	<b>80.1</b>	<b>81.4</b>	<b>80.0</b>	<b>73.1</b>	<b>69.2</b>	<b>55.3</b>	<b>50.6</b>	<b>50.3</b>
Hydro	10.4	7.2	11.5	8.1	6.6	6.8	1.9	5.4	3.7	4.4
Wind	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
<i>Island of Rodrigues</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thermal	67.1	72.3	68.6	73.2	73.4	66.3	67.4	50.0	46.9	46.5
<i>Island of Mauritius</i>	66.2	71.3	67.6	72.2	72.3	65.2	66.2	48.9	45.9	45.3
<i>Island of Rodrigues</i>	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2
<b>IPP</b>	<b>22.5</b>	<b>20.5</b>	<b>19.9</b>	<b>18.6</b>	<b>20.0</b>	<b>26.9</b>	<b>30.8</b>	<b>44.7</b>	<b>49.4</b>	<b>49.2</b>
Hydro	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
<i>Of which : exported to CEB</i>	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thermal	22.4	20.5	19.8	18.6	19.9	26.9	30.8	44.7	49.3	49.1
<i>Of which : exported to CEB</i>	11.2	11.7	10.7	10.1	10.6	16.7	21.7	33.8	37.2	38.3
Coal ( <i>Firm producers</i> <sup>1</sup> )	4.0	4.4	3.5	0.8	1.7	4.1	9.8	18.2	21.6	23.0
Bagasse	7.2	7.3	7.2	9.4	8.9	12.6	11.9	15.7	15.5	15.3
<i>Firm producers</i> <sup>1</sup>	...	...	4.2	6.3	4.7	5.3	7.0	9.4	9.6	8.8
<i>Continuous producers</i> <sup>2</sup>	...	...	3.0	3.1	4.2	7.3	4.9	6.3	5.9	6.6
<b>Total</b>	<b>100.0</b>									
<b>Island of Mauritius</b>										
CEB	87.1	87.0	88.0	88.8	88.2	81.2	75.8	61.6	57.1	56.5
IPP export to CEB	12.9	13.0	12.0	11.2	11.8	18.8	24.2	38.4	42.9	43.5
<b>Total available for sales</b>	<b>100.0</b>									

1 Producing electricity all year round with bagasse/coal

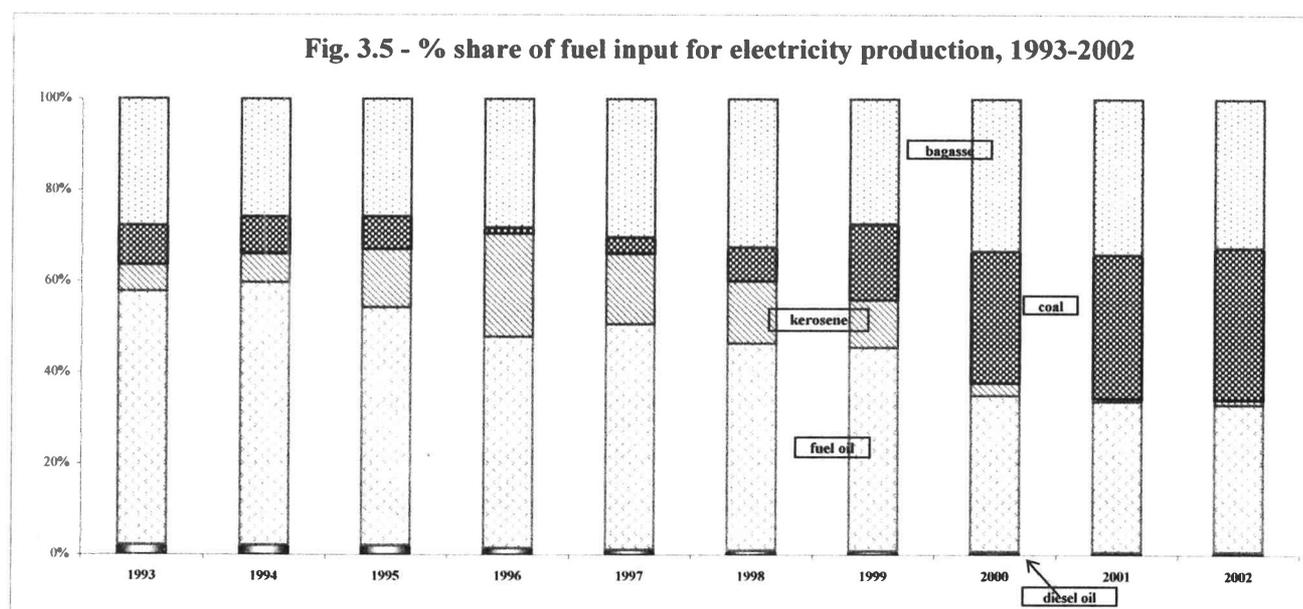
2 Producing electricity with bagasse only during crop season

Table 3.7 - Fuel input for electricity production, 1993 - 2002

Fuel	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Tonne</b>										
<b>Island of Mauritius</b>										
Fuel oil	128,125	147,129	142,886	145,398	160,798	176,006	190,683	171,343	181,009	174,945
Diesel oil	2,768	2,844	2,599	2,202	2,299	2,529	3,064	2,822	2,553	2,771
Kerosene	12,272	14,789	32,332	65,827	46,993	49,676	41,948	13,081	3,760	5,443
Coal	30,853	31,949	30,289	6,557	18,430	45,035	112,123	228,520	273,376	286,886
Bagasse*	384,200	395,800	422,900	533,000	597,200	766,400	714,000	1,021,500	1,142,500	1,081,661
<b>Island of Rodrigues</b>										
Fuel oil **	-	-	-	611	1,860	2,726	3,740	4,172	4,328	4,671
Diesel oil **	2,010	2,190	2,685	2,230	1,130	1,223	440	542	585	710
<b>ktoe</b>										
<b>Island of Mauritius</b>										
Fuel oil	123.00	141.24	137.17	139.58	154.37	168.97	183.06	164.49	173.77	167.95
Diesel oil	2.80	2.87	2.62	2.22	2.32	2.55	3.10	2.85	2.58	2.80
Kerosene	12.76	15.38	33.63	68.46	48.87	51.66	43.63	13.60	3.91	5.66
Coal	19.13	19.81	18.78	4.07	11.43	27.92	69.52	141.68	169.49	177.87
Bagasse*	61.47	63.33	67.66	85.28	95.55	122.62	114.24	163.44	182.80	173.07
<b>Sub total</b>	<b>219.16</b>	<b>242.63</b>	<b>259.86</b>	<b>299.61</b>	<b>312.54</b>	<b>373.73</b>	<b>413.53</b>	<b>486.07</b>	<b>532.55</b>	<b>527.34</b>
<b>Island of Rodrigues</b>										
Fuel oil **	-	-	-	0.59	1.79	2.62	3.59	4.00	4.15	4.48
Diesel oil **	2.03	2.21	2.71	2.25	1.14	1.24	0.44	0.55	0.59	0.72
<b>Sub total</b>	<b>2.03</b>	<b>2.21</b>	<b>2.71</b>	<b>2.84</b>	<b>2.93</b>	<b>3.85</b>	<b>4.03</b>	<b>4.55</b>	<b>4.75</b>	<b>5.20</b>
<b>Total</b>	<b>221.19</b>	<b>244.85</b>	<b>262.58</b>	<b>302.45</b>	<b>315.47</b>	<b>377.58</b>	<b>417.57</b>	<b>490.62</b>	<b>537.30</b>	<b>532.54</b>
<b>Percentage</b>										
<b>Island of Mauritius</b>										
Fuel oil	55.6	57.7	52.2	46.2	48.9	44.7	43.8	33.5	32.3	31.5
Diesel oil	1.3	1.2	1.0	0.7	0.7	0.7	0.7	0.6	0.5	0.5
Kerosene	5.8	6.3	12.8	22.6	15.5	13.7	10.4	2.8	0.7	1.1
Coal	8.6	8.1	7.2	1.3	3.6	7.4	16.6	28.9	31.5	33.4
Bagasse *	27.8	25.9	25.8	28.2	30.3	32.5	27.4	33.3	34.0	32.5
<b>Sub total</b>	<b>99.1</b>	<b>99.1</b>	<b>99.0</b>	<b>99.1</b>	<b>99.1</b>	<b>99.0</b>	<b>99.0</b>	<b>99.1</b>	<b>99.1</b>	<b>99.0</b>
<b>Island of Rodrigues</b>										
Fuel oil **	-	-	-	0.2	0.6	0.7	0.9	0.8	0.8	0.8
Diesel oil **	0.9	0.9	1.0	0.7	0.4	0.3	0.1	0.1	0.1	0.1
<b>Sub total</b>	<b>0.9</b>	<b>0.9</b>	<b>1.0</b>	<b>0.9</b>	<b>0.9</b>	<b>1.0</b>	<b>1.0</b>	<b>0.9</b>	<b>0.9</b>	<b>1.0</b>
<b>Total</b>	<b>100.0</b>									

\* Estimates

\*\* Figures for 1993-1997 are estimates





## Section IV

# Final energy consumption

**Table 4.1 - Final energy consumption by sector (Energy unit), 1993 - 2002**

Sector	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
1. Manufacturing	289.73	268.81	305.29	292.21	311.76	299.34	240.19	249.89	262.41	249.19
<i>1.1 excluding bagasse</i>	101.25	104.26	110.59	122.28	128.76	139.24	144.13	164.80	177.77	178.35
<i>1.2 bagasse<sup>1</sup></i>	188.48	164.54	194.70	169.94	183.01	160.10	96.06	85.09	84.64	70.84
2. Transport	256.38	269.73	268.77	285.46	291.37	309.21	325.96	355.87	372.30	364.12
3. Household	79.95	78.65	81.34	84.21	86.93	89.79	91.98	99.20	101.84	102.81
4. Commercial and Distributive Trade	20.34	22.27	23.97	26.04	29.12	32.25	34.09	36.93	40.78	41.72
5. Agriculture	2.97	3.42	3.41	3.85	3.89	4.40	4.26	4.77	4.79	4.82
6. Other (n.e.s) and losses	1.09	1.21	1.26	1.35	1.45	1.57	1.83	2.30	2.30	2.39
<b>TOTAL</b>	<b>650.46</b>	<b>644.08</b>	<b>684.04</b>	<b>693.12</b>	<b>724.52</b>	<b>736.56</b>	<b>698.30</b>	<b>748.95</b>	<b>784.43</b>	<b>765.05</b>

<sup>1</sup> Estimate**Table 4.2 - Percentage share of final energy consumption by sector, 1993 - 2002**

Sector	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
1. Manufacturing	44.5	41.7	44.6	42.2	43.0	40.6	34.4	33.4	33.5	32.6
<i>1.1 excluding bagasse</i>	15.6	16.2	16.2	17.6	17.8	18.9	20.6	22.0	22.7	23.3
<i>1.2 bagasse</i>	29.0	25.5	28.5	24.5	25.3	21.7	13.8	11.4	10.8	9.3
2. Transport	39.4	41.9	39.3	41.2	40.2	42.0	46.7	47.5	47.5	47.6
3. Household	12.3	12.2	11.9	12.1	12.0	12.2	13.2	13.2	13.0	13.4
4. Commercial and Distributive Trade	3.1	3.5	3.5	3.8	4.0	4.4	4.9	4.9	5.2	5.5
5. Agriculture	0.5	0.5	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.6
6. Other (n.e.s) and losses	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
<b>TOTAL</b>	<b>100.0</b>									

%

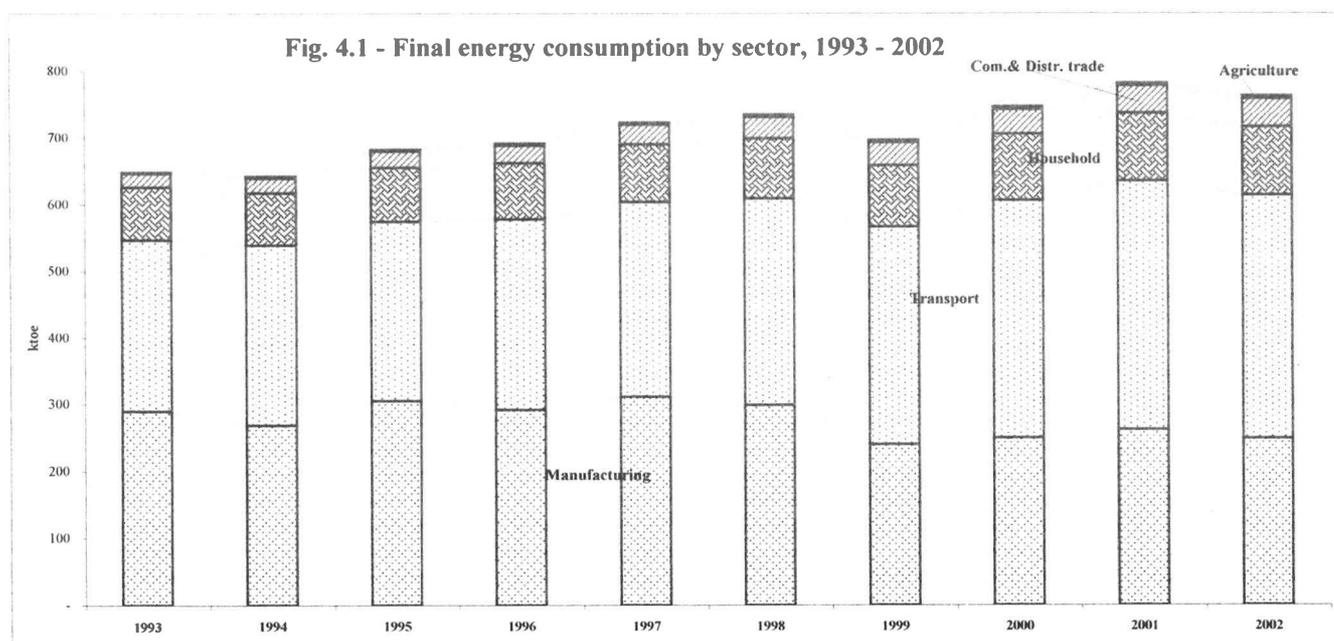
**Fig. 4.1 - Final energy consumption by sector, 1993 - 2002**

Table 4.3 - Final energy consumption by sector and type of fuel (Physical unit), 1993 - 2002

Sector	Unit	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>1. Manufacturing</b>											
<b>1.1 excluding bagasse</b>											
Fuel oil	tonne	29,362	31,814	34,203	36,590	39,518	42,774	45,150	49,000	60,630	61,439
Diesel oil	tonne	16,459	18,373	17,255	23,367	26,622	30,233	32,650	41,600	37,533	37,409
LPG	tonne	2,200	2,470	2,550	2,761	3,179	3,276	3,600	3,689	3,650	3,502
Coal	tonne	31,593	30,647	32,797	33,727	27,242	25,713	24,490	24,464	25,781	25,888
Fuel wood <sup>1</sup>	tonne	7,142	4,382	3,900	3,400	2,500	2,000	1,800	1,500	1,500	1,450
Electricity	GWh	369.4	370.2	415.9	446.2	496.1	551.3	558.8	651.6	711.37	711.70
<b>1.2 bagasse <sup>1</sup></b>	tonne	1,178,000	1,028,400	1,216,900	1,062,100	1,143,800	1,000,600	600,400	531,800	529,000	442,722
<b>2. Transport</b>											
Gasolene	tonne	72,308	79,595	83,958	87,387	87,671	88,592	89,500	92,000	87,749	87,507
LPG	tonne	-	-	-	-	-	264	485	633	820	1,216
Diesel oil	tonne	94,092	99,202	101,876	106,224	113,361	118,934	126,500	142,000	145,555	153,437
Aviation fuel (local aircraft)	tonne	80,052	80,363	72,305	80,569	79,025	89,537	97,126	108,082	124,652	108,972
<b>3. Household</b>											
Kerosene	tonne	11,699	10,793	10,590	10,504	9,533	9,472	9,100	9,600	9,480	8,409
LPG	tonne	27,458	27,550	28,600	30,437	32,313	32,837	34,700	37,710	37,850	39,023
Fuel wood <sup>1</sup>	tonne	35,300	30,100	26,100	23,200	20,900	19,000	16,400	16,000	15,900	15,850
Charcoal <sup>1</sup>	tonne	1,000	500	400	350	300	250	200	150	150	130
Electricity	GWh	278.82	300.81	339.95	364.47	394.93	431.20	449.60	491.93	522.80	532.55
<b>4. Commercial and Distributive Trade</b>											
LPG	tonne	3,264	3,281	3,150	3,356	3,650	4,000	4,500	4,150	4,450	4,559
Charcoal <sup>1</sup>	tonne	1,000	1,000	800	500	300	300	300	300	330	340
Electricity	GWh	186.92	209.18	232.29	256.35	290.26	322.32	337.38	374.85	415.54	424.92
<b>5. Agriculture</b>											
Diesel oil <sup>1</sup>	tonne	1,700	1,800	1,900	2,000	2,100	2,200	2,300	2,400	2,460	2,430
Electricity	GWh	14.63	18.59	17.31	21.29	20.53	25.34	22.47	27.24	26.77	27.48

<sup>1</sup> Estimates

Table 4.4 - Final energy consumption by sector and type of fuel (Energy unit), 1993 - 2002

ktoe

Sector	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>1. Manufacturing</b>	<b>289.73</b>	<b>268.81</b>	<b>305.29</b>	<b>292.21</b>	<b>311.76</b>	<b>299.34</b>	<b>240.19</b>	<b>249.89</b>	<b>262.41</b>	<b>249.19</b>
<b>1.1 excluding bagasse</b>	<b>101.25</b>	<b>104.26</b>	<b>110.59</b>	<b>122.28</b>	<b>128.76</b>	<b>139.24</b>	<b>144.13</b>	<b>164.80</b>	<b>177.77</b>	<b>178.35</b>
Fuel oil	28.19	30.54	32.83	35.13	37.94	41.06	43.34	47.04	58.20	58.98
Diesel oil	16.62	18.56	17.43	23.60	26.89	30.54	32.98	42.02	37.91	37.78
LPG	2.38	2.67	2.75	2.98	3.43	3.54	3.89	3.98	3.94	3.78
Coal	19.59	19.00	20.33	20.91	16.89	15.94	15.18	15.17	15.98	16.05
Fuel wood <sup>1</sup>	2.71	1.67	1.48	1.29	0.95	0.76	0.68	0.57	0.57	0.55
Electricity	31.76	31.83	35.76	38.37	42.66	47.40	48.05	56.02	61.16	61.21
<b>1.2 bagasse <sup>1</sup></b>	<b>188.48</b>	<b>164.54</b>	<b>194.70</b>	<b>169.94</b>	<b>183.01</b>	<b>160.10</b>	<b>96.06</b>	<b>85.09</b>	<b>84.64</b>	<b>70.84</b>
<b>2. Transport</b>	<b>256.38</b>	<b>269.73</b>	<b>268.77</b>	<b>285.46</b>	<b>291.37</b>	<b>309.21</b>	<b>325.96</b>	<b>355.87</b>	<b>372.30</b>	<b>364.12</b>
Gasolene	78.09	85.96	90.67	94.38	94.68	95.68	96.66	99.36	94.77	94.51
LPG	-	-	-	-	-	0.28	0.52	0.68	0.89	1.31
Diesel oil	95.03	100.19	102.89	107.29	114.49	120.12	127.77	143.42	147.01	154.97
Aviation Fuel	83.25	83.58	75.20	83.79	82.19	93.12	101.01	112.41	129.64	113.33
<b>3. Household</b>	<b>79.95</b>	<b>78.65</b>	<b>81.34</b>	<b>84.21</b>	<b>86.93</b>	<b>89.79</b>	<b>91.98</b>	<b>99.20</b>	<b>101.84</b>	<b>102.81</b>
Kerosene	12.17	11.22	11.01	10.92	9.91	9.85	9.46	9.98	9.86	8.75
LPG	29.65	29.75	30.89	32.87	34.90	35.46	37.48	40.73	40.88	42.14
Fuel wood <sup>1</sup>	13.41	11.44	9.92	8.82	7.94	7.22	6.23	6.08	6.04	6.02
Charcoal <sup>1</sup>	0.74	0.37	0.30	0.26	0.22	0.19	0.15	0.11	0.11	0.10
Electricity	23.97	25.86	29.23	31.34	33.96	37.07	38.66	42.30	44.95	45.80
<b>4. Commercial and Distributive Trade</b>	<b>20.34</b>	<b>22.27</b>	<b>23.97</b>	<b>26.04</b>	<b>29.12</b>	<b>32.25</b>	<b>34.09</b>	<b>36.93</b>	<b>40.78</b>	<b>41.72</b>
LPG	3.53	3.54	3.40	3.62	3.94	4.32	4.86	4.48	4.81	4.92
Charcoal <sup>1</sup>	0.74	0.74	0.59	0.37	0.22	0.22	0.22	0.22	0.24	0.25
Electricity	16.07	17.99	19.97	22.04	24.96	27.71	29.01	32.23	35.73	36.54
<b>5. Agriculture</b>	<b>2.97</b>	<b>3.42</b>	<b>3.41</b>	<b>3.85</b>	<b>3.89</b>	<b>4.40</b>	<b>4.26</b>	<b>4.77</b>	<b>4.79</b>	<b>4.82</b>
Diesel oil <sup>1</sup>	1.72	1.82	1.92	2.02	2.12	2.22	2.32	2.42	2.48	2.45
Electricity	1.26	1.60	1.49	1.83	1.77	2.18	1.93	2.34	2.30	2.36
<b>6. Other (n.e.s) and losses</b>	<b>1.09</b>	<b>1.21</b>	<b>1.26</b>	<b>1.35</b>	<b>1.45</b>	<b>1.57</b>	<b>1.83</b>	<b>2.30</b>	<b>2.30</b>	<b>2.39</b>
<b>TOTAL</b>	<b>650.46</b>	<b>644.08</b>	<b>684.04</b>	<b>693.12</b>	<b>724.52</b>	<b>736.56</b>	<b>698.30</b>	<b>748.95</b>	<b>784.43</b>	<b>765.05</b>

<sup>1</sup> Estimates

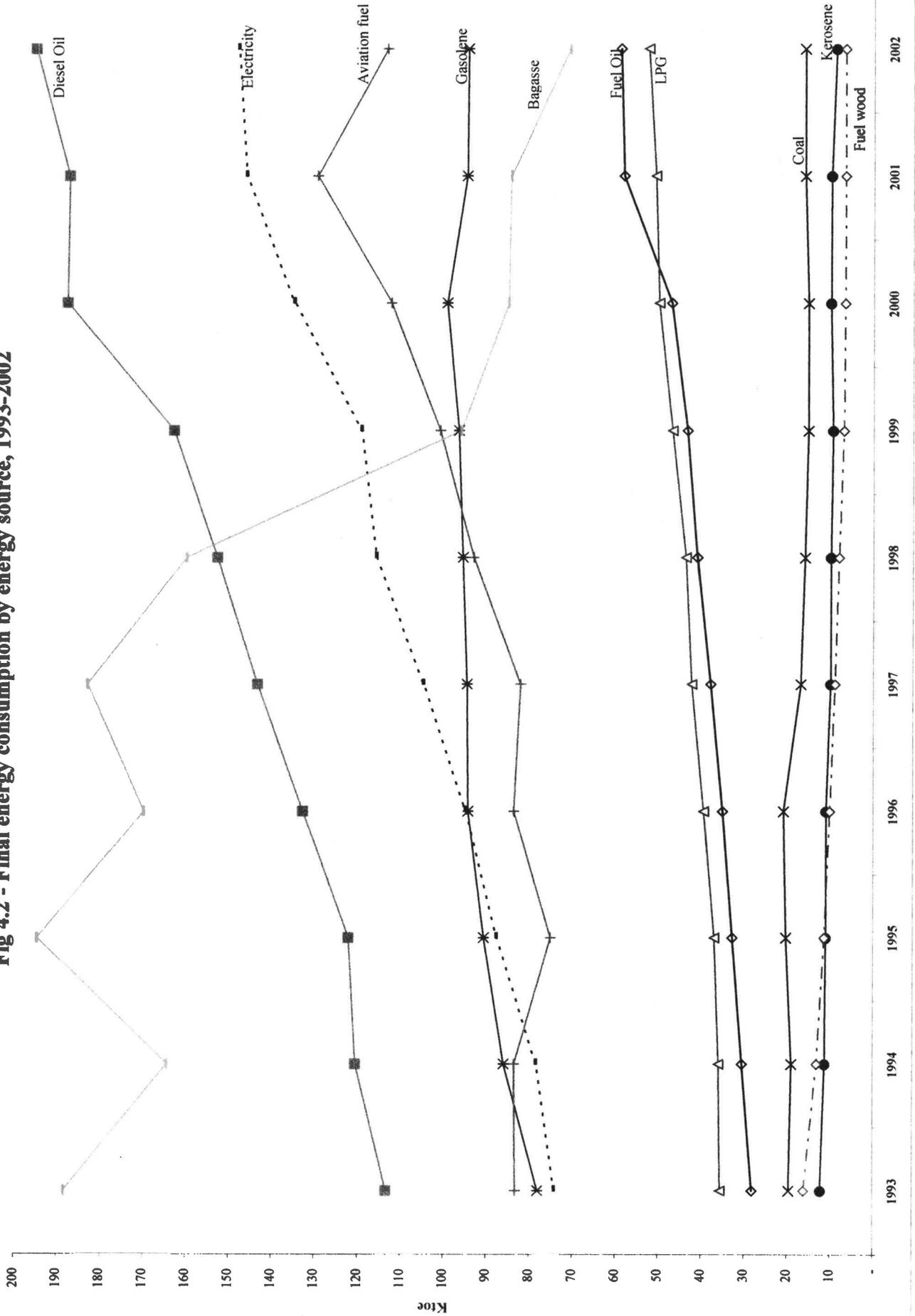


Table 4.6 - Final energy consumption by energy source, 1993 - 2002

Energy source	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Physical unit (Thousand tonne/GWh)</b>										
Gasolene	72.3	79.6	84.0	87.4	87.7	88.6	89.5	92.0	87.7	87.5
Diesel Oil	112.3	119.4	121.0	131.6	142.1	151.4	161.5	186.0	185.5	193.3
Kerosene	11.7	10.8	10.6	10.5	9.5	9.5	9.1	9.6	9.5	8.4
Aviation Fuel	80.1	80.4	72.3	80.6	79.0	89.5	97.1	108.1	124.7	109.0
Fuel Oil	29.4	31.8	34.2	36.6	39.5	42.8	45.2	49.0	60.6	61.4
LPG	32.9	33.3	34.3	36.6	39.1	40.4	43.3	46.2	47.1	48.6
Coal	31.6	30.7	32.8	33.7	27.2	25.7	24.5	24.5	25.8	25.9
Electricity	862.3	912.7	1,020.0	1,103.9	1,218.7	1,347.5	1,388.2	1,570.5	1,699.4	1,721.1
Bagasse*	1,178.0	1,028.4	1,216.9	1,062.1	1,143.8	1,000.6	600.4	531.8	529.0	442.7
Fuel Wood *	42.4	34.5	30.0	26.6	23.4	21.0	18.2	17.5	17.4	17.3
Charcoal*	2.0	1.5	1.2	0.9	0.6	0.6	0.5	0.5	0.5	0.5
<b>Energy unit (ktoe)</b>										
Gasolene	78.1	86.0	90.7	94.4	94.7	95.7	96.7	99.4	94.8	94.5
Diesel Oil	113.4	120.6	122.2	132.9	143.5	152.9	163.1	187.9	187.4	195.2
Kerosene	12.2	11.2	11.0	10.9	9.9	9.9	9.5	10.0	9.9	8.7
Aviation Fuel	83.3	83.6	75.2	83.8	82.2	93.1	101.0	112.4	129.6	113.3
Fuel Oil	28.2	30.5	32.8	35.1	37.9	41.1	43.3	47.0	58.2	59.0
LPG	35.6	36.0	37.0	39.5	42.3	43.7	46.9	50.0	50.8	52.5
Coal	19.6	19.0	20.3	20.9	16.9	15.9	15.2	15.2	16.0	16.1
Electricity	74.1	78.5	87.7	94.9	104.8	115.9	119.4	135.0	146.1	148.0
Bagasse	188.5	164.5	194.7	169.9	183.0	160.1	96.1	85.1	84.6	70.8
Fuel Wood	16.1	13.1	11.4	10.1	8.9	8.0	6.9	6.7	6.6	6.6
Charcoal	1.5	1.1	0.9	0.6	0.4	0.4	0.4	0.3	0.4	0.3
<b>Total</b>	<b>650.5</b>	<b>644.1</b>	<b>684.0</b>	<b>693.1</b>	<b>724.5</b>	<b>736.6</b>	<b>698.3</b>	<b>749.0</b>	<b>784.4</b>	<b>765.1</b>
<b>Percentage (%)</b>										
Gasolene	12.0	13.3	13.3	13.6	13.1	13.0	13.8	13.3	12.1	12.4
Diesel Oil	17.4	18.7	17.9	19.2	19.8	20.8	23.4	25.1	23.9	25.5
Kerosene	1.9	1.7	1.6	1.6	1.4	1.3	1.4	1.3	1.3	1.1
Aviation Fuel	12.8	13.0	11.0	12.1	11.3	12.6	14.5	15.0	16.5	14.8
Fuel Oil	4.3	4.7	4.8	5.1	5.2	5.6	6.2	6.3	7.4	7.7
LPG	5.5	5.6	5.4	5.7	5.8	5.9	6.7	6.7	6.5	6.9
Coal	3.0	3.0	3.0	3.0	2.3	2.2	2.2	2.0	2.0	2.1
Electricity	11.4	12.2	12.8	13.7	14.5	15.7	17.1	18.0	18.6	19.3
Bagasse	29.0	25.5	28.5	24.5	25.3	21.7	13.8	11.4	10.8	9.3
Fuel Wood	2.5	2.0	1.7	1.5	1.2	1.1	1.0	0.9	0.8	0.9
Charcoal	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
<b>Total</b>	<b>100.0</b>									

\* estimates

Fig 4.2 - Final energy consumption by energy source, 1993-2002

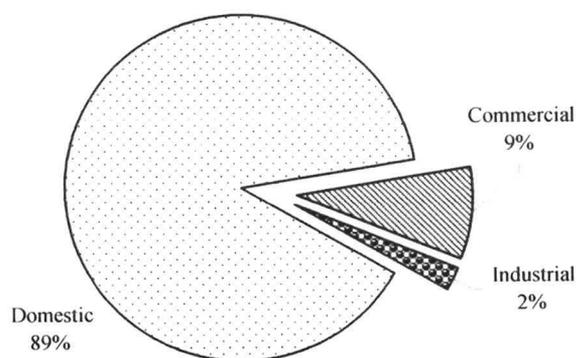


**Table 4.7 - Sales of electricity by type of tariff, 1993 - 2002 (Republic of Mauritius)**

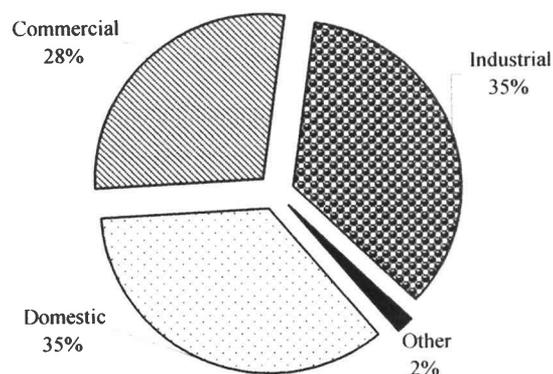
Tariff group	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Number of consumers</b>										
Domestic	226,945	232,348	244,286	253,157	261,204	269,981	279,432	288,520	297,051	303,620
Commercial	21,176	22,051	23,648	24,408	25,027	25,758	26,642	27,831	28,594	29,030
Industrial	5,886	6,136	6,502	6,647	6,701	6,854	7,090	7,008	7,084	7,482
Other	201	223	236	245	252	258	281	293	299	311
<b>Total</b>	<b>254,208</b>	<b>260,758</b>	<b>274,672</b>	<b>284,457</b>	<b>293,184</b>	<b>302,851</b>	<b>313,445</b>	<b>323,652</b>	<b>333,028</b>	<b>340,443</b>
<b>GWh sold</b>										
Domestic	278.8	300.8	340.0	364.5	394.9	431.2	449.6	491.9	522.8	532.5
Commercial	186.9	209.2	232.3	256.3	290.3	322.3	337.4	374.8	415.5	424.9
Industrial	273.7	296.9	327.0	359.6	385.3	419.5	437.2	485.8	505.0	527.9
Other	10.9	11.8	14.6	15.6	16.8	17.3	19.9	21.4	23.3	24.4
<b>Total</b>	<b>750.3</b>	<b>818.6</b>	<b>913.9</b>	<b>996.0</b>	<b>1,087.4</b>	<b>1,190.3</b>	<b>1,244.1</b>	<b>1,374.0</b>	<b>1,466.65</b>	<b>1,509.8</b>
<b>Value sold (Rs.mn)</b>										
Domestic	601.5	652.4	742.8	794.6	865.1	951.1	959.5	1,156.3	1,473.4	1,647.8
Commercial	492.3	549.1	612.2	670.9	769.6	810.8	823.8	1,038.5	1,411.4	1,705.6
Industrial	514.7	555.0	602.1	652.8	710.0	735.1	789.4	909.8	1,002.3	1,118.6
Other	33.2	35.2	17.3	43.9	50.8	52.3	56.9	66.3	83.7	104.4
<b>Total</b>	<b>1,641.6</b>	<b>1,791.8</b>	<b>1,974.3</b>	<b>2,162.2</b>	<b>2,395.6</b>	<b>2,549.4</b>	<b>2,629.5</b>	<b>3,171.0</b>	<b>3,970.8</b>	<b>4,576.4</b>

Source: Central Electricity Board

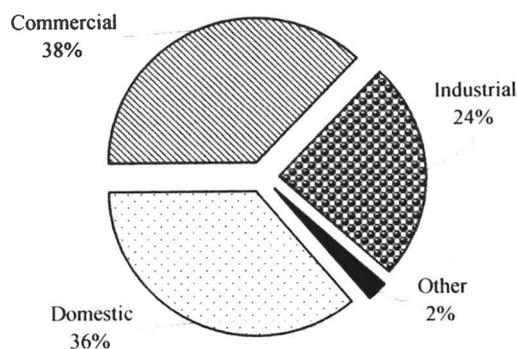
**Fig. 4.3 - % distribution of electricity consumers by type of tariff, 2002**



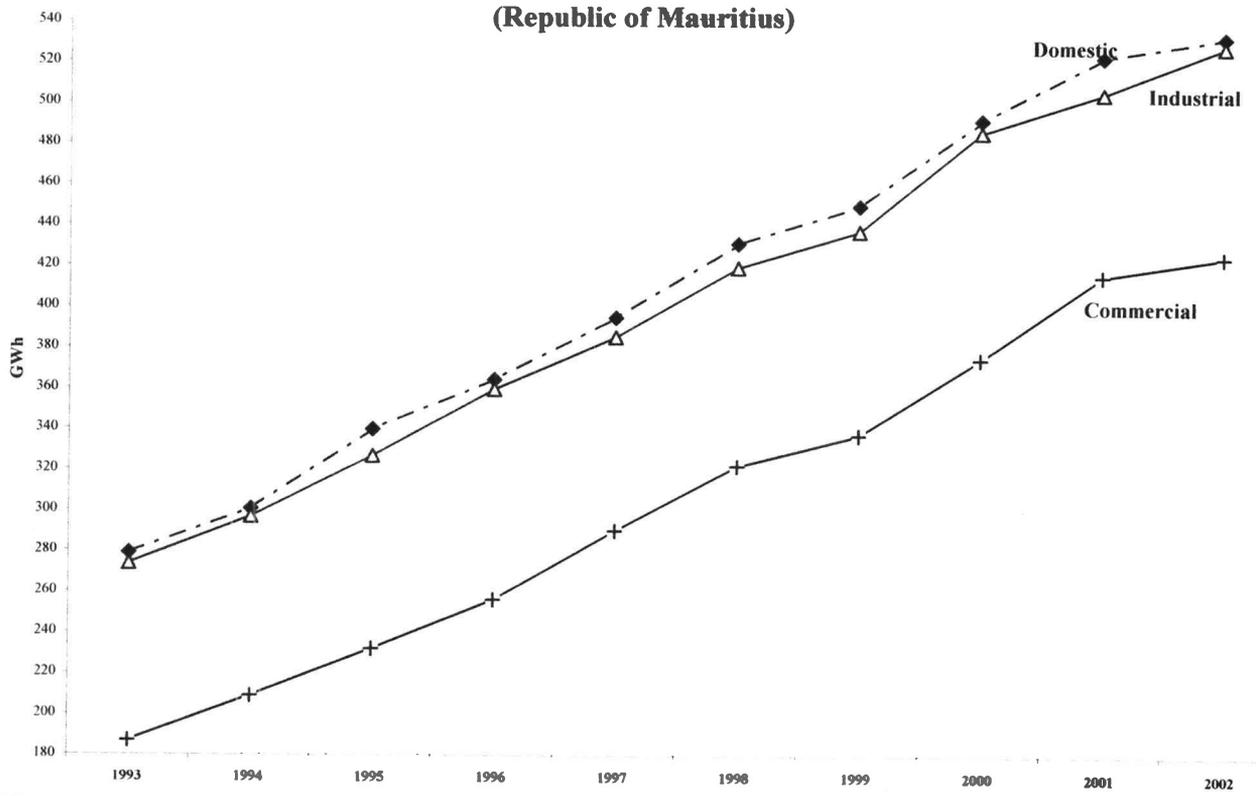
**Fig. 4.4 - % share of GWh consumed by type of tariff, 2002**



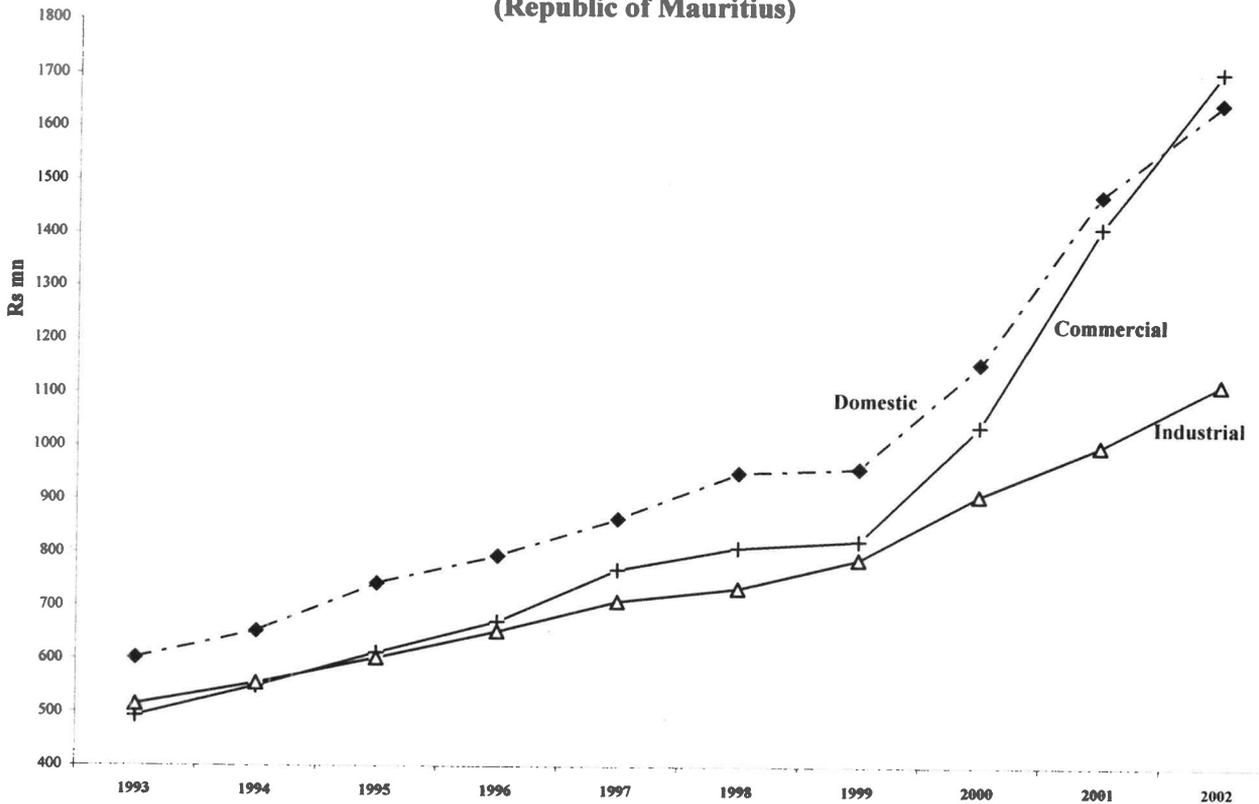
**Fig. 4.5 - % share of sales value of electricity by type of tariff, 2002**



**Fig. 4.6 - Sales of electricity by type of tariff, 1993-2002  
(Republic of Mauritius)**



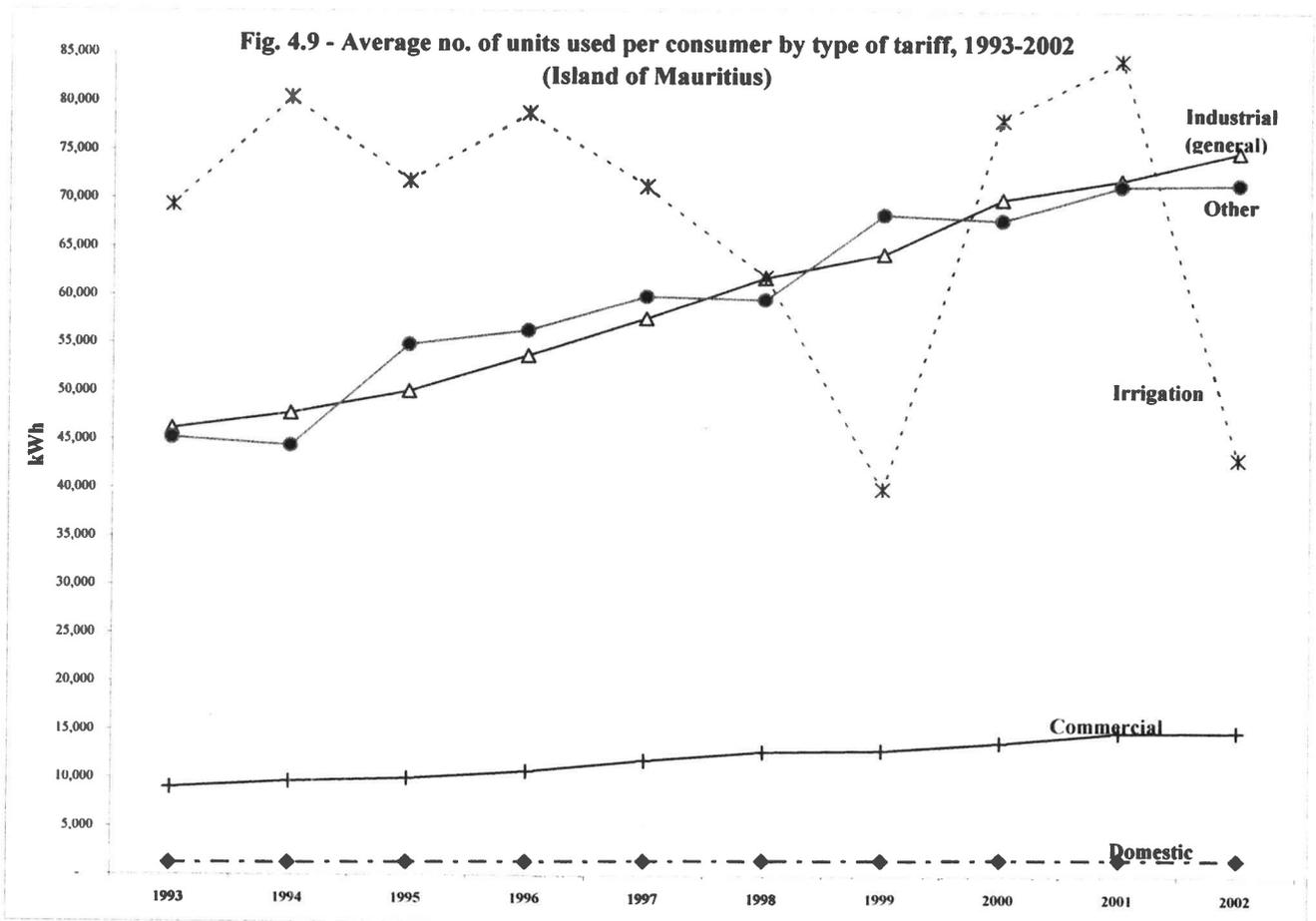
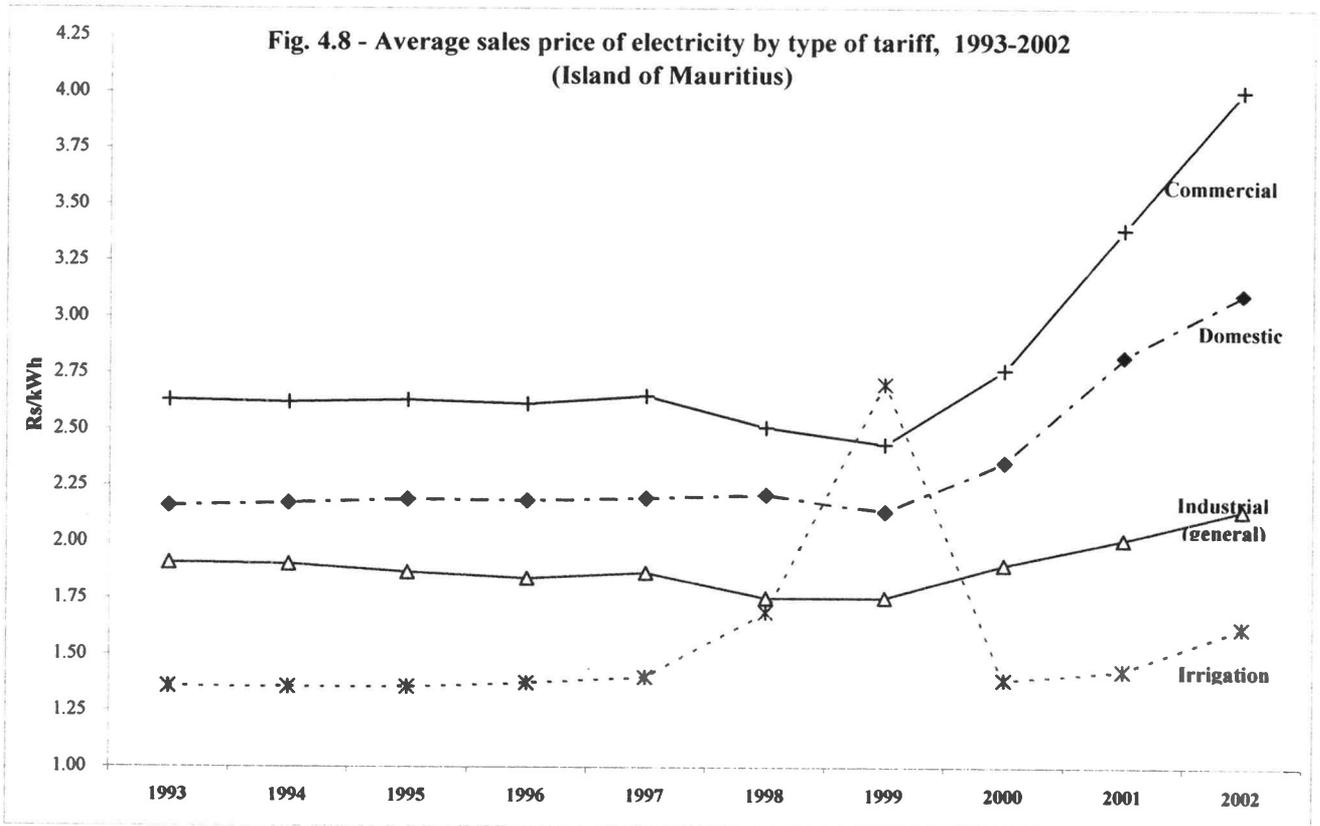
**Fig. 4.7 - Sales value of electricity by type of tariff, 1993-2002  
(Republic of Mauritius)**



**Table 4.8 - Sales of electricity by type of tariff, 1993 - 2002 (Island of Mauritius)**

Tariff group	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Number of consumers</b>										
Domestic	220,309	225,450	237,209	245,769	253,518	261,971	271,061	279,886	288,324	294,666
Commercial	20,503	21,356	22,924	23,631	24,216	24,914	25,730	26,915	27,655	28,054
Industrial	5,803	6,038	6,404	6,539	6,596	6,751	6,981	6,879	6,941	7,298
<i>General</i>	5,592	5,807	6,163	6,269	6,308	6,342	6,419	6,531	6,624	6,662
<i>Irrigation</i>	211	231	241	270	288	409	562	348	317	636
Other	200	222	230	239	246	251	257	283	293	305
<b>Total</b>	<b>246,815</b>	<b>253,066</b>	<b>266,767</b>	<b>276,178</b>	<b>284,576</b>	<b>293,887</b>	<b>304,029</b>	<b>313,963</b>	<b>323,213</b>	<b>330,323</b>
<b>GWh sold</b>										
Domestic	274.3	295.6	334.1	357.9	387.4	422.7	440.3	482.1	512.0	521.1
Commercial	185.0	206.8	229.6	253.6	287.1	318.6	333.5	370.7	411.0	419.7
Industrial	272.7	295.8	325.7	358.0	383.8	417.8	435.5	484.5	503.8	526.7
<i>General</i>	258.1	277.2	308.4	336.7	363.2	392.5	413.1	457.3	477.1	499.2
<i>Irrigation</i>	14.6	18.6	17.3	21.3	20.5	25.3	22.5	27.2	26.7	27.4
Other	10.9	11.8	14.6	15.6	16.8	17.3	19.9	21.2	23.1	24.2
<i>Street Lighting</i>	9.0	9.9	12.6	13.5	14.7	15.0	17.6	19.2	20.9	21.8
<i>Temporary</i>	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>CEB</i>	1.8	1.8	1.9	2.0	2.0	2.2	2.2	1.9	2.0	2.2
<b>Total</b>	<b>742.9</b>	<b>810.0</b>	<b>904.0</b>	<b>985.0</b>	<b>1,075.1</b>	<b>1,176.4</b>	<b>1,229.3</b>	<b>1,358.5</b>	<b>1,449.8</b>	<b>1,491.7</b>
<b>Value sold (Rs.mn)</b>										
Domestic	591.7	641.4	730.3	780.8	849.4	933.1	939.5	1,134.0	1,445.6	1,615.3
Commercial	486.5	541.9	604.0	662.5	760.3	799.7	811.9	1,024.8	1,393.0	1,681.0
Industrial	512.2	552.3	598.9	648.7	706.4	731.3	785.6	906.6	999.0	1,115.1
<i>General</i>	492.4	527.2	575.4	619.5	677.6	688.5	724.9	868.8	960.7	1,070.6
<i>Irrigation</i>	19.8	25.2	23.5	29.2	28.8	42.8	60.7	37.8	38.3	44.5
Other	33.1	35.2	17.2	43.8	50.7	52.3	56.8	65.7	82.9	103.3
<b>Total</b>	<b>1,623.5</b>	<b>1,770.8</b>	<b>1,950.5</b>	<b>2,135.9</b>	<b>2,366.8</b>	<b>2,516.4</b>	<b>2,593.8</b>	<b>3,131.1</b>	<b>3,920.6</b>	<b>4,514.8</b>
<b>Average sales price (Rs./kWh)</b>										
Domestic	2.16	2.17	2.19	2.18	2.19	2.21	2.13	2.35	2.82	3.10
Commercial	2.63	2.62	2.63	2.61	2.65	2.51	2.43	2.76	3.39	4.01
Industrial	1.88	1.87	1.84	1.81	1.84	1.75	1.80	1.87	1.98	2.12
<i>General</i>	1.91	1.90	1.87	1.84	1.87	1.75	1.75	1.90	2.01	2.14
<i>Irrigation</i>	1.36	1.35	1.36	1.37	1.40	1.69	2.70	1.39	1.43	1.62
Other	3.03	3.00	1.18	2.82	3.02	3.02	2.85	3.10	3.60	4.28
<b>All tariff</b>	<b>2.19</b>	<b>2.19</b>	<b>2.16</b>	<b>2.17</b>	<b>2.20</b>	<b>2.14</b>	<b>2.11</b>	<b>2.30</b>	<b>2.70</b>	<b>3.03</b>
<b>Average no. of units per consumer (kWh)</b>										
Domestic	1,245	1,311	1,408	1,456	1,528	1,613	1,624	1,723	1,776	1,769
Commercial	9,021	9,682	10,017	10,730	11,857	12,787	12,961	13,771	14,861	14,960
Industrial	46,993	48,990	50,859	54,753	58,181	61,894	62,389	70,430	72,589	72,167
<i>General</i>	46,151	47,744	50,035	53,715	57,582	61,891	64,351	70,014	72,026	74,937
<i>Irrigation</i>	69,314	80,464	71,820	78,834	71,291	61,946	39,985	78,223	84,348	43,156
Other	45,188	44,402	54,874	56,305	59,909	59,599	68,419	67,843	71,391	71,610
<b>All consumers</b>	<b>3,010</b>	<b>3,201</b>	<b>3,389</b>	<b>3,567</b>	<b>3,778</b>	<b>4,003</b>	<b>4,043</b>	<b>4,327</b>	<b>4,486</b>	<b>4,516</b>

Source: Central Electricity Board

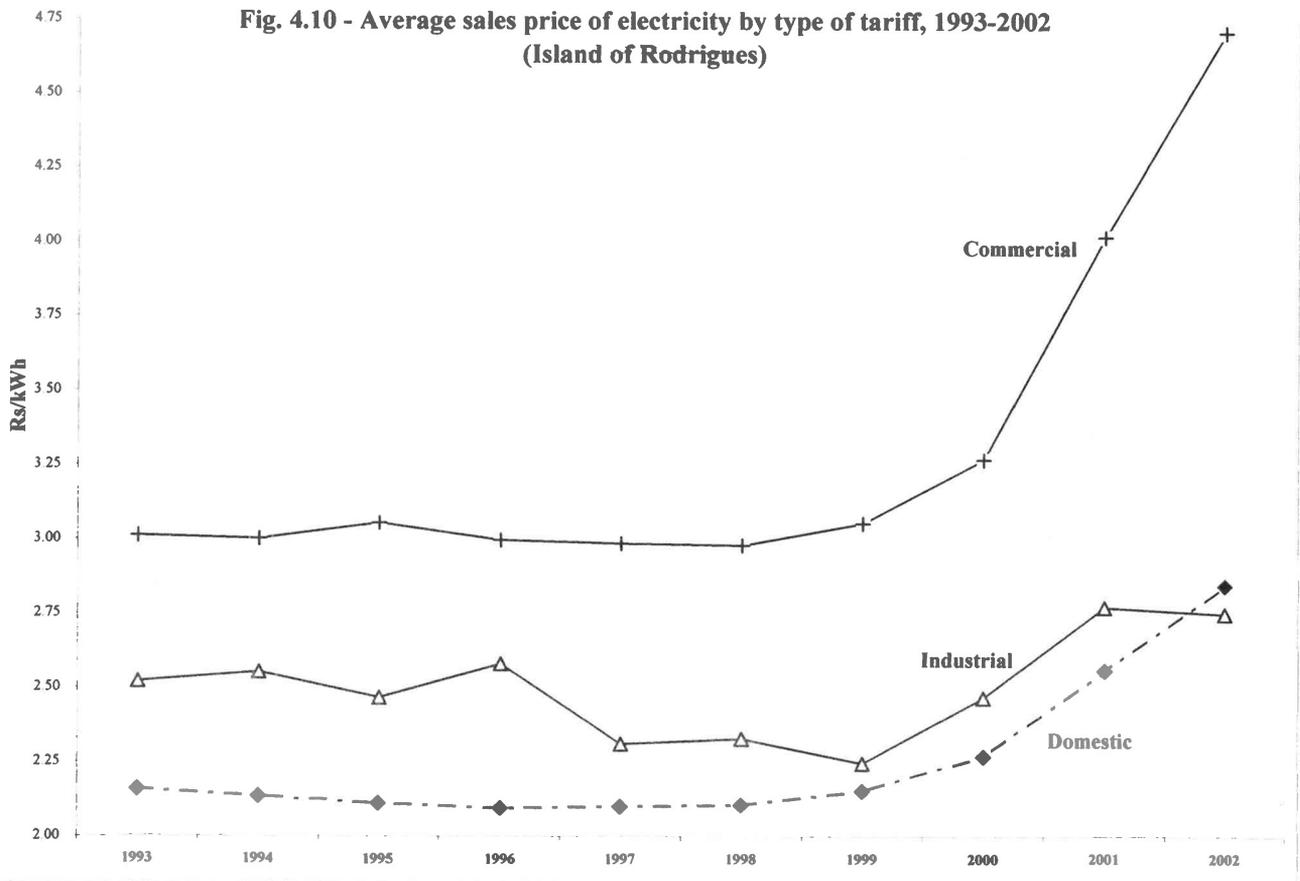


**Table 4.9 - Sales of electricity by type of tariff, 1993 - 2002 (Island of Rodrigues)**

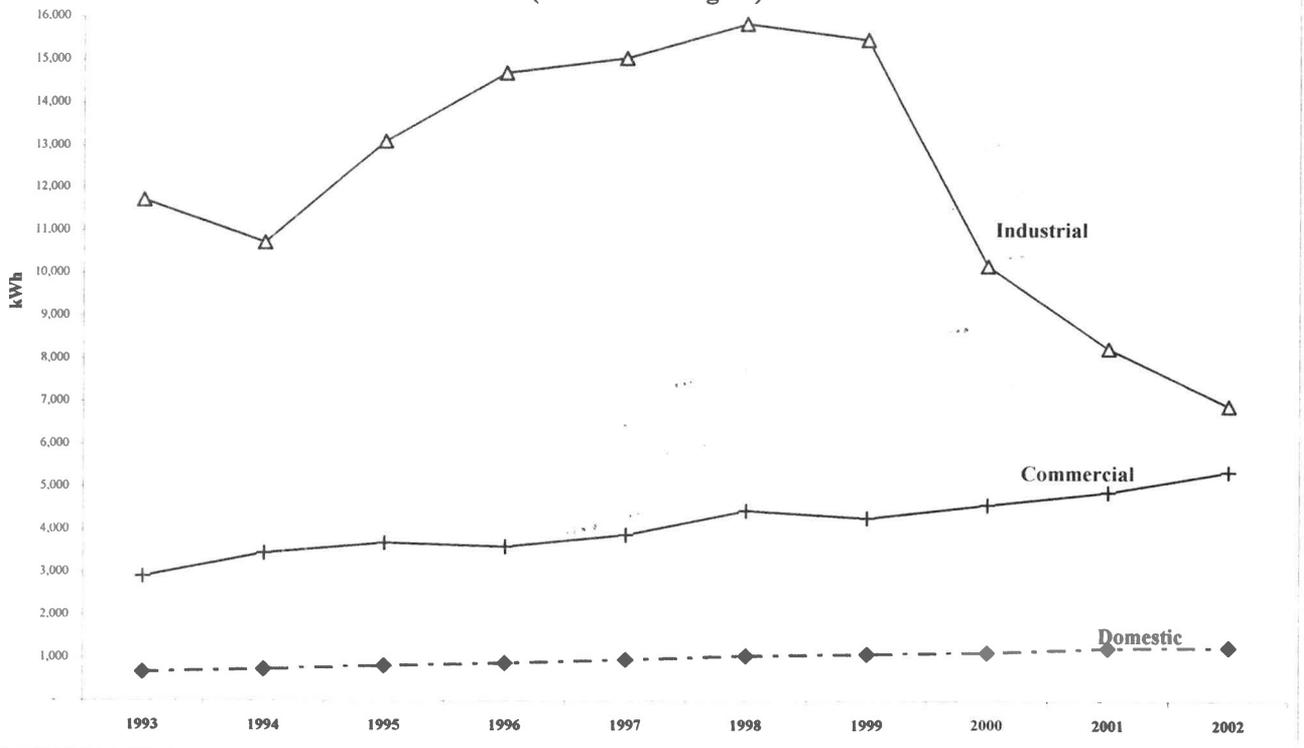
Tariff group	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Number of consumers</b>										
Domestic	6,636	6,898	7,077	7,388	7,686	8,010	8,371	8,634	8,727	8,954
Commercial	673	695	724	777	811	844	912	916	939	976
Industrial	83	98	98	108	105	103	109	129	143	184
Other	1	1	6	6	6	7	24	10	6	6
<b>Total</b>	<b>7,393</b>	<b>7,692</b>	<b>7,905</b>	<b>8,279</b>	<b>8,608</b>	<b>8,964</b>	<b>9,416</b>	<b>9,689</b>	<b>9,815</b>	<b>10,120</b>
<b>GWh sold</b>										
Domestic	4.5	5.2	5.9	6.6	7.5	8.5	9.3	9.8	10.8	11.4
Commercial	2.0	2.4	2.7	2.8	3.1	3.7	3.9	4.2	4.6	5.2
Industrial	1.0	1.1	1.3	1.6	1.6	1.6	1.7	1.3	1.2	1.3
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
<b>Total</b>	<b>7.5</b>	<b>8.6</b>	<b>9.9</b>	<b>11.0</b>	<b>12.2</b>	<b>13.9</b>	<b>14.9</b>	<b>15.6</b>	<b>16.8</b>	<b>18.2</b>
<b>Value sold (Rs.mn)</b>										
Domestic	9.8	11.1	12.5	13.8	15.7	18.0	20.0	22.3	27.7	32.5
Commercial	5.9	7.2	8.1	8.4	9.4	11.2	11.9	13.7	18.4	24.6
Industrial	2.5	2.7	3.2	4.1	3.7	3.8	3.8	3.2	3.3	3.5
Other	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.7	0.8	1.0
<b>Total</b>	<b>18.1</b>	<b>21.0</b>	<b>23.8</b>	<b>26.3</b>	<b>28.8</b>	<b>33.0</b>	<b>35.7</b>	<b>39.9</b>	<b>50.2</b>	<b>61.7</b>
<b>Average sales price (Rs./kWh)</b>										
Domestic	2.16	2.13	2.11	2.10	2.10	2.11	2.15	2.27	2.56	2.85
Commercial	3.01	3.00	3.06	3.00	2.99	2.98	3.05	3.27	4.02	4.71
Industrial	2.52	2.55	2.47	2.58	2.31	2.33	2.25	2.47	2.77	2.75
Other	3.53	3.24	3.29	3.23	3.26	3.19	3.17	2.90	3.50	4.20
<b>Average</b>	<b>2.43</b>	<b>2.43</b>	<b>2.41</b>	<b>2.40</b>	<b>2.36</b>	<b>2.37</b>	<b>2.40</b>	<b>2.57</b>	<b>2.98</b>	<b>3.40</b>
<b>Average no. of units per consumer (kWh)</b>										
Domestic	683	751	834	891	975	1,065	1,110	1,137	1,243	1,274
Commercial	2,906	3,458	3,683	3,599	3,869	4,434	4,266	4,576	4,873	5,359
Industrial	11,722	10,733	13,114	14,714	15,065	15,862	15,496	10,180	8,242	6,902
Other	5,037	8,289	1,639	2,172	2,383	2,409	603	22,715	39,793	41,148
<b>Average</b>	<b>1,010</b>	<b>1,124</b>	<b>1,247</b>	<b>1,326</b>	<b>1,420</b>	<b>1,553</b>	<b>1,581</b>	<b>1,605</b>	<b>1,716</b>	<b>1,794</b>

Source: Central Electricity Board

**Fig. 4.10 - Average sales price of electricity by type of tariff, 1993-2002  
(Island of Rodrigues)**



**Fig. 4.11 - Average no. of units used per consumer by type of tariff, 1993-2002  
(Island of Rodrigues)**





**Section V**  
Energy data from  
Housing and Population Census

**Table 5.1 - Housing units occupied by private households by geographical location of residence and availability of electricity**  
**- Housing and Population Census 1990 & 2000<sup>1</sup>**

Geographical location	Availability of electricity							
	1990			2000				
	Available	Not available	Not stated	Total	Available	Not available	Not stated	Total
<b>Island of Mauritius</b>								
Port Louis	28,877	544	35	29,456	32,281	420	15	32,716
Pamplemousses	20,088	660	8	20,756	29,980	343	5	30,328
Riviere du Rempart	17,446	634	18	18,098	24,512	224	15	24,751
Flacq	20,671	1,152	27	21,850	28,605	460	19	29,084
Grand Port	18,650	702	24	19,376	25,035	320	4	25,359
Savanne	11,626	599	17	12,242	15,855	186	3	16,044
Plaines Wilhems	70,563	726	44	71,333	93,917	550	27	94,494
Moka	12,624	411	21	13,056	17,653	151	12	17,816
Black River	9,415	421	8	9,844	17,308	437	7	17,752
<b>Total</b>	<b>209,960</b> (97.2 %)	<b>5,849</b> (2.7 %)	<b>202</b> (0.1 %)	<b>216,011</b> (100.0 %)	<b>285,146</b> (98.9 %)	<b>3,091</b> (1.1 %)	<b>107</b> (0.0 %)	<b>288,344</b> (100.0 %)
Island of Rodrigues	5,334	2,465	11	7,810	8,530	703	21	9,254
Agalega	...	...	...	...	71	2	-	73
<b>Republic of Mauritius</b>	<b>215,294</b> (96.2 %)	<b>8,314</b> (3.7 %)	<b>213</b> (0.1 %)	<b>223,821</b> (100.0 %)	<b>293,747</b> (98.7 %)	<b>3,796</b> (1.3 %)	<b>128</b> (0.0 %)	<b>297,671</b> (100.0 %)

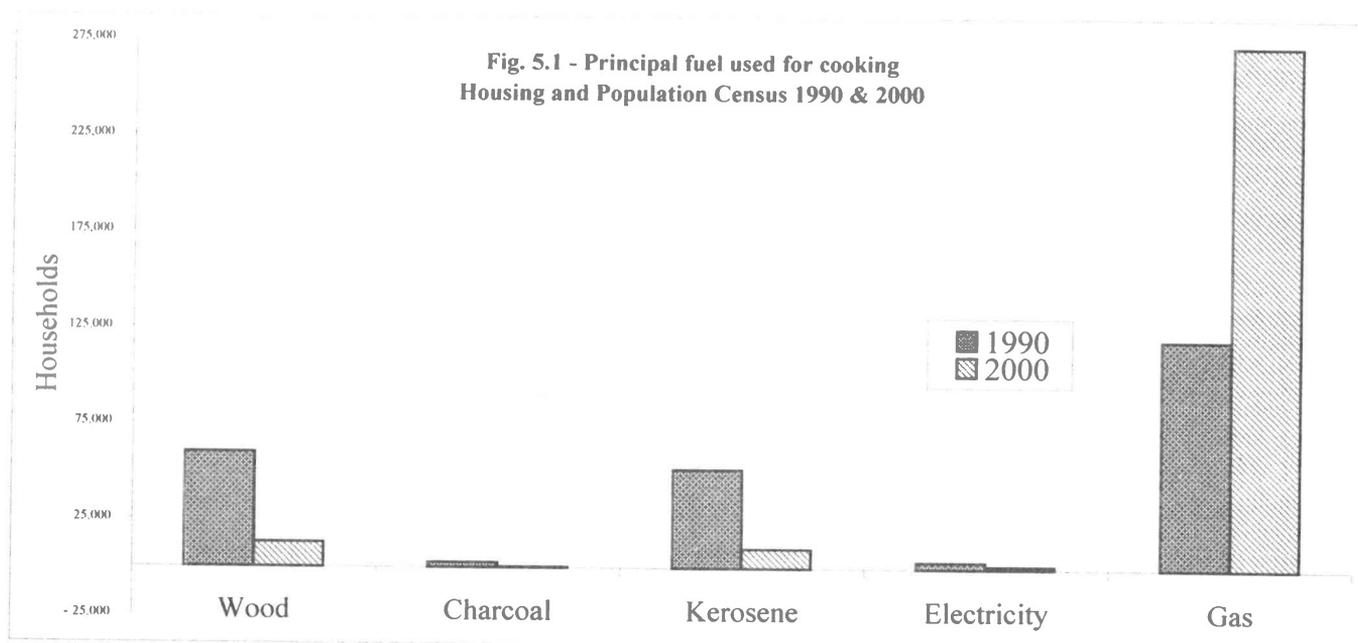
<sup>1</sup> Excluding 30 homeless households with a population of 35

**Table 5.2 - Private households by geographical location of residence and principal fuel used for cooking**

Geographical location	Principal fuel used for cooking						Total
	Wood	Charcoal	Kerosene	Electricity	Gas	Other	
<b>Housing and Population Census 1990<sup>1</sup></b>							
Island of Mauritius							
Port Louis	2,089	1,035	8,222	449	18,809	182	30,786
Pamplemousses	7,190	88	4,775	130	9,514	16	21,713
Riviere du Rempart	8,178	36	3,829	157	6,483	35	18,718
Flacq	12,061	37	3,887	136	7,636	32	23,789
Grand Port	7,441	15	5,224	192	8,266	52	21,190
Savanne	4,434	22	3,887	68	5,154	18	13,583
Plaines Wilhems	6,821	1,136	14,901	2,076	50,430	167	75,531
Moka	3,696	74	3,235	93	7,151	30	14,279
Black River	3,749	134	2,040	126	3,786	23	9,858
<b>Total</b>	<b>55,659</b> (24.3 %)	<b>2,577</b> (1.1 %)	<b>50,000</b> (21.8 %)	<b>3,427</b> (1.5 %)	<b>117,229</b> (51.1 %)	<b>555</b> (0.2 %)	<b>229,447</b> (100.0 %)
Island of Rodrigues	4,011	10	1,262	200	1,779	16	7,278
<b>Republic of Mauritius</b>	<b>59,670</b> (25.2 %)	<b>2,587</b> (1.1 %)	<b>51,262</b> (21.7 %)	<b>3,627</b> (1.5 %)	<b>119,008</b> (50.3 %)	<b>571</b> (0.2 %)	<b>236,725</b> (100.0 %)
<b>Housing and Population Census 2000<sup>2</sup></b>							
Island of Mauritius							
Port Louis	457	131	1,042	132	30,891	100 <sup>3</sup>	32,753
Pamplemousses	1,573	45	1,062	94	27,083	29	29,886
Riviere du Rempart	1,925	8	972	77	21,441	19	24,442
Flacq	3,166	36	1,144	71	26,270	26	30,713
Grand Port	1,511	20	1,300	121	23,665	59	26,676
Savanne	585	17	984	35	15,183	14	16,818
Plaines Wilhems	785	207	1,833	837	89,988	112	93,762
Moka	367	6	756	45	17,362	5	18,541
Black River	1,043	51	449	68	13,954	14	15,579
<b>Total</b>	<b>11,412</b> (4.0 %)	<b>521</b> (0.2 %)	<b>9,542</b> (3.3 %)	<b>1,480</b> (0.5 %)	<b>265,837</b> (91.9 %)	<b>378</b> (0.1 %)	<b>289,170</b> (100.0 %)
Island of Rodrigues	1,509	17	487	106	6,524	8	8,651
Agalega	2	-	-	-	58	-	60
<b>Republic of Mauritius</b>	<b>12,923</b> (4.3 %)	<b>538</b> (0.2 %)	<b>10,029</b> (3.4 %)	<b>1,586</b> (0.5 %)	<b>272,419</b> (91.5 %)	<b>386</b> (0.1 %)	<b>297,881</b> (100.0 %)

<sup>1</sup> 'Other' Includes 167 households where fuel used for cooking was not stated

<sup>2</sup> Including 5 households where fuel used for cooking was not stated

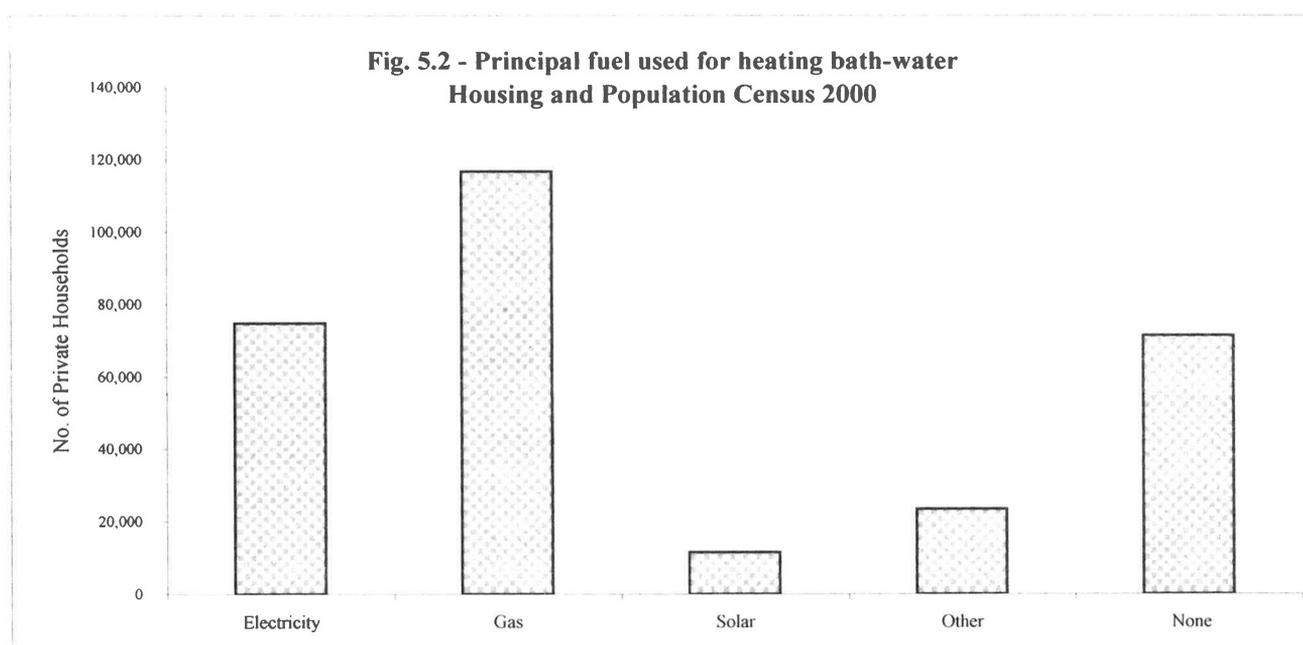


**Table 5.3 - Private households by geographical location of residence and principal fuel used for heating bath-water<sup>1</sup> - Housing and Population Census 2000**

Geographical location	Principal fuel used for heating bath-water					Total
	Electricity	Gas	Solar	Other	None <sup>2</sup>	
<b>Island of Mauritius</b>						
Port Louis	8,690	7,921	826	525	14,791	32,753
Pamplemousses	4,143	6,820	1,727	1,375	15,821	29,886
Riviere du Rempart	2,642	9,707	1,351	2,959	7,783	24,442
Flacq	3,283	13,071	1,033	3,842	9,484	30,713
Grand Port	4,912	14,059	351	3,647	3,707	26,676
Savanne	2,790	10,101	265	2,446	1,216	16,818
Plaines Wilhems	40,591	37,267	4,673	4,159	7,072	93,762
Moka	4,153	10,258	483	2,309	1,338	18,541
Black River	3,190	7,104	745	1,977	2,563	15,579
<b>Total</b>	<b>74,394</b> <i>(25.7 %)</i>	<b>116,308</b> <i>(40.2 %)</i>	<b>11,454</b> <i>(4.0 %)</i>	<b>23,239</b> <i>(8.0 %)</i>	<b>63,775</b> <i>(22.1 %)</i>	<b>289,170</b> <i>(100.0 %)</i>
<b>Island of Rodrigues</b>						
Agalega	-	12	-	-	48	60
<b>Republic of Mauritius</b>	<b>74,848</b> <i>(25.1 %)</i>	<b>116,791</b> <i>(39.2 %)</i>	<b>11,527</b> <i>(3.9 %)</i>	<b>23,393</b> <i>(7.9 %)</i>	<b>71,322</b> <i>(23.9 %)</i>	<b>297,881</b> <i>(100.0 %)</i>

<sup>1</sup> The water need not be heated in the bathroom

<sup>2</sup> Includes households where hot water is not regularly used for bathing



**Section VI**  
**Water Statistics**

**Table 6.1 - Water balance for *Island of Mauritius*, 1998-2002**

	Unit	1998	1999	2000	2001	2002
Rainfall	Mm <sup>3</sup>	3,473	2,184	3,749	3,527	3,905
Surface Runoff	Mm <sup>3</sup>	2,084	1,311	2,249	2,116	2,343
Evapotranspiration	Mm <sup>3</sup>	1,042	655	1,125	1,058	1,171
Net Recharge to Groundwater	Mm <sup>3</sup>	347	218	375	353	391

Source : Water Resources Unit

**Table 6.2 - Main water indicators, *Island of Mauritius* (1998 - 2002)**

Details	Unit	1998	1999	2000	2001	2002
Mid-year population	thousand	1,125	1,140	1,151	1,164	1,174
Mean annual rainfall	Millimetres	1,862	1,171	2,010	1,891	2,082
Potable water produced	Mm <sup>3</sup>	172	138	173	175	177
Potable water consumed	Mm <sup>3</sup>	88	78	82	85	86
Potable water produced per capita per day	litres	420	332	411	411	413
Potable water consumed per capita per day	litres	214	188	196	200	201

Table 6.3 - Mean rainfall 1998-2002, Island of Mauritius

Period	Millimetres														
	1998			1999			2000			2001			2002		
	Long Term Mean (1961-1990)	Mean	% of Long Term Mean	Mean	% of Long Term Mean										
	<b>South</b>														
<b>Year</b>	2,636	2,591	98.3	1,376	52.2	2,265	85.9	2,362	89.6	2,668	101.2				
Jan	328	212	64.6	49	14.9	408	124.4	396	120.7	546	166.5				
Feb	322	770	239.1	193	59.9	356	110.6	219	68.0	99	30.7				
Mar	309	306	99.0	160	51.8	274	88.7	198	64.1	284	91.9				
Apr	292	192	65.8	101	34.6	145	49.7	535	183.2	253	86.6				
May	214	184	86.0	54	25.2	139	65.0	123	57.5	192	89.7				
Jun	175	126	72.0	89	50.9	181	103.4	149	85.1	234	133.7				
Jul	194	299	154.1	213	109.8	83	42.8	125	64.4	202	104.1				
Aug	160	179	111.9	148	92.5	249	155.6	121	75.6	212	132.5				
Sep	114	154	135.1	109	95.6	59	51.8	154	135.1	56	49.1				
Oct	104	87	83.7	62	59.6	154	148.1	114	109.6	70	67.3				
Nov	138	41	29.7	44	31.9	108	78.3	57	41.3	51	37.0				
Dec	286	41	14.3	154	53.8	109	38.1	171	59.8	338	118.2				
	<b>West</b>														
<b>Year</b>	1,049	778	74.2	455	43.4	1,026	97.8	833	79.4	1,374	131.0				
Jan	192	84	43.8	35	18.2	430	224.0	181	94.3	793	413.0				
Feb	200	423	211.5	110	55.0	203	101.5	145	72.5	103	51.5				
Mar	129	51	39.5	116	89.9	68	52.7	86	66.7	90	69.8				
Apr	106	15	14.2	36	34.0	48	45.3	149	140.6	32	30.2				
May	48	63	131.3	9	18.8	29	60.4	18	37.5	31	64.6				
Jun	48	14	29.2	16	33.3	27	56.3	24	50.0	68	141.7				
Jul	49	49	100.0	47	95.9	29	59.2	23	46.9	32	65.3				
Aug	44	25	56.8	18	40.9	36	81.8	28	63.6	21	47.7				
Sep	25	16	64.0	24	96.0	14	56.0	29	116.0	6	24.0				
Oct	25	15	60.0	4	16.0	29	116.0	54	216.0	27	108.0				
Nov	45	11	24.4	9	20.0	29	64.4	4	8.9	7	15.6				
Dec	138	12	8.7	31	22.5	84	60.9	92	66.7	164	118.8				
	<b>East</b>														
<b>Year</b>	2,169	1,840	84.8	1,324	61.0	2,184	100.7	2,046	94.3	2,124	97.9				
Jan	282	120	42.6	63	22.3	382	135.5	300	106.4	588	208.5				
Feb	313	626	200.0	190	60.7	340	108.6	241	77.0	135	43.1				
Mar	268	181	67.5	128	47.8	199	74.3	179	66.8	260	97.0				
Apr	243	144	59.3	93	38.3	298	122.6	362	149.0	157	64.6				
May	184	166	90.2	115	62.5	126	68.5	152	82.6	184	100.0				
Jun	123	83	67.5	113	91.9	146	118.7	116	94.3	136	110.6				
Jul	135	156	115.6	179	132.6	153	113.3	104	77.0	181	134.1				
Aug	115	94	81.7	113	98.3	165	143.5	81	70.4	117	101.7				
Sep	82	89	108.5	94	114.6	56	68.3	134	163.4	51	62.2				
Oct	90	87	96.7	54	60.0	134	148.9	97	107.8	68	75.6				
Nov	103	39	37.9	45	43.7	99	96.1	52	50.5	35	34.0				
Dec	231	55	23.8	137	59.3	86	37.2	228	98.7	212	91.8				

Source: Mauritius Meteorological Services



**Table 6.4 - Mean rainfall 1998-2002, Island of Rodrigues (Pte Canon only)**

Period	Long Term Mean (1971-2000)	Millimetres									
		1998		1999		2000		2001		2002	
		Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean
<b>Year</b>	<b>1,105</b>	<b>924</b>	<b>84</b>	<b>781</b>	<b>71</b>	<b>974</b>	<b>88</b>	<b>883</b>	<b>80</b>	<b>997</b>	<b>90</b>
Jan	150	148	99	75	50	178	119	61	41	127	85
Feb	185	217	117	116	63	185	100	72	39	66	36
Mar	131	166	127	85	65	110	84	35	27	189	144
Apr	117	85	73	60	51	42	36	101	86	62	53
May	78	40	51	94	121	63	81	102	131	81	104
Jun	78	28	36	23	29	90	115	103	132	69	88
Jul	81	54	67	110	136	56	69	111	137	76	94
Aug	59	49	83	73	124	51	86	30	51	154	261
Sep	44	42	95	32	73	76	173	131	298	46	105
Oct	41	50	122	80	195	40	98	65	159	63	154
Nov	71	25	35	21	30	68	96	61	86	14	20
Dec	70	20	29	12	17	15	21	11	16	50	71

Source: Mauritius Meteorological Services

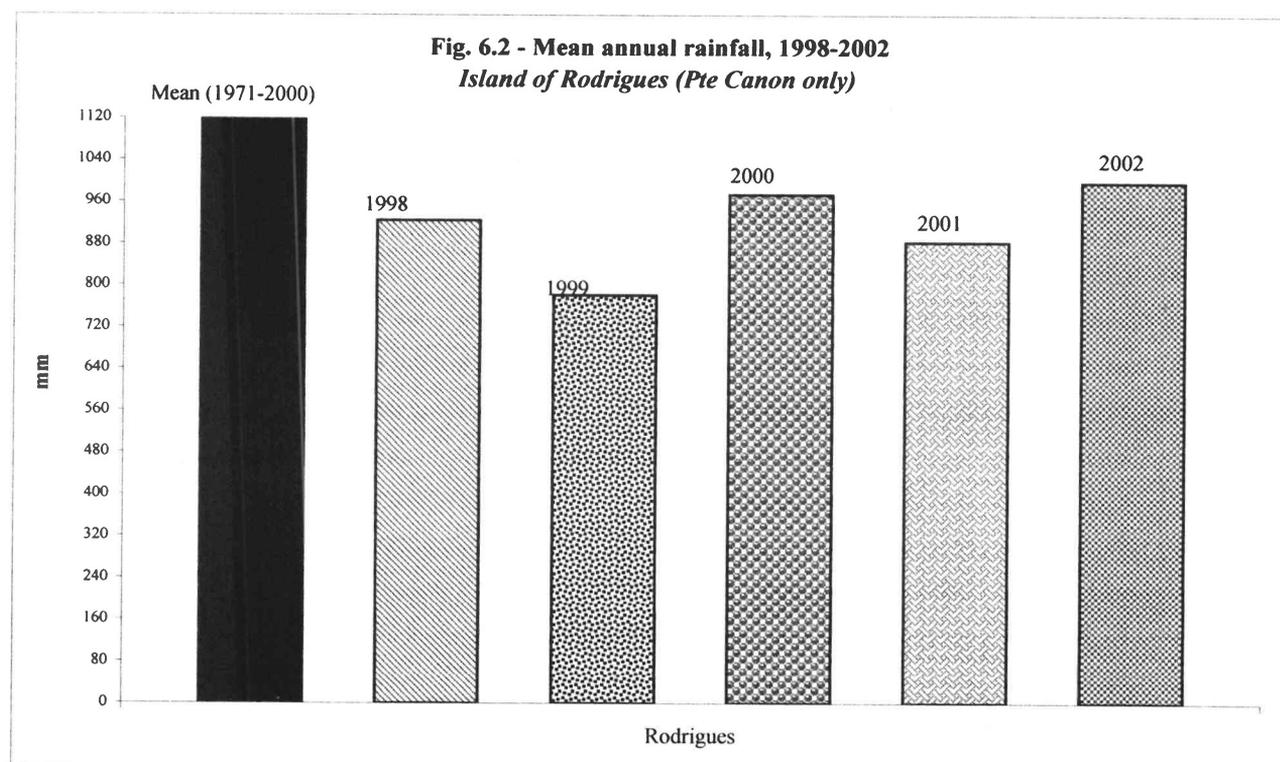


Table 6.5 - Percentage water level by month and reservoir, 1998- 2002

Period	Average for 1990-1999 (%)	1998			1999			2000			2001			2002		
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)
<b>Mare aux Vacoas, 25.89 Mm<sup>3</sup></b>																
Jan	60.5	60.1	58.0	62.3	54.1	47.9	59.6	33.8	31.1	47.0	68.5	64.8	72.0	61.9	48.4	84.3
Feb	64.6	70.8	58.8	90.8	50.9	46.9	54.5	60.2	49.7	71.7	72.7	70.4	74.3	81.8	79.7	84.1
Mar	80.2	92.7	90.8	98.6	47.1	44.1	49.3	77.4	72.3	83.9	68.9	64.5	72.8	85.0	79.6	87.4
Apr	83.1	99.6	98.3	99.9	43.0	41.0	45.4	84.9	82.7	86.1	75.2	63.8	84.7	87.0	84.5	88.7
May	83.4	96.8	93.0	99.3	38.6	36.2	41.0	86.9	83.4	88.4	80.5	78.0	84.5	87.8	86.9	88.8
Jun	80.5	91.4	86.9	95.9	35.2	34.2	36.0	80.1	78.2	82.9	77.0	75.2	78.8	90.2	89.0	93.4
Jul	79.4	90.7	86.4	95.7	37.8	34.1	43.7	85.2	81.4	87.1	76.8	74.8	78.5	95.0	93.4	96.3
Aug	79.7	94.5	93.5	96.0	45.6	43.8	48.1	92.5	86.1	94.9	80.8	75.9	83.4	96.9	95.8	98.0
Sep	77.7	93.0	90.5	93.6	48.4	48.0	48.8	92.4	89.5	94.9	76.3	72.5	78.7	95.5	92.9	97.6
Oct	71.5	91.7	87.6	93.9	45.9	43.7	48.0	88.7	85.1	90.9	67.9	64.7	72.2	87.5	82.7	92.4
Nov	62.9	80.6	74.6	87.2	40.5	37.7	43.5	80.3	77.5	84.7	60.9	56.8	64.5	77.7	72.8	82.2
Dec	57.5	67.1	60.1	74.1	36.1	34.4	37.5	72.8	67.6	77.3	50.9	47.2	56.4	71.9	70.2	73.2
<b>La Nicoliere, 5.26 Mm<sup>3</sup></b>																
Jan	63.0	61.7	49.8	66.1	17.4	15.0	20.2	43.5	37.1	66.4	63.8	39.4	100.0	78.3	27.6	100.0
Feb	74.7	76.4	57.4	100.0	32.8	15.0	41.4	97.0	73.2	100.0	97.5	90.9	100.0	97.2	93.3	100.0
Mar	91.3	99.8	98.8	100.0	55.2	41.0	72.5	100.0	100.0	100.0	99.8	98.9	100.0	99.1	95.8	100.0
Apr	92.3	99.8	99.1	100.0	65.8	55.0	74.1	99.9	99.0	100.0	99.9	99.4	100.0	89.8	78.1	97.7
May	95.0	98.0	92.8	100.0	59.8	55.4	62.3	98.6	92.0	100.0	97.7	94.7	100.0	72.5	61.5	78.5
Jun	93.9	98.5	92.2	100.0	73.1	62.7	80.6	80.4	73.8	91.1	88.7	81.7	99.0	79.1	62.7	91.1
Jul	92.9	96.2	90.1	100.0	92.3	80.8	99.4	94.1	78.1	100.0	89.6	84.2	94.7	98.3	91.8	100.0
Aug	94.2	99.6	98.1	100.0	99.3	98.7	99.8	100.0	100.0	100.0	97.9	90.1	100.0	99.1	95.8	100.0
Sep	89.4	97.8	95.1	99.2	94.0	85.9	99.6	90.0	75.9	100.0	84.0	72.7	90.9	83.9	55.2	97.5
Oct	68.7	97.5	87.5	100.0	66.9	47.5	85.0	69.2	57.8	75.2	50.1	40.0	70.6	38.1	31.0	53.9
Nov	46.2	58.7	37.1	85.7	38.3	31.6	46.4	42.3	34.4	56.5	40.9	34.0	44.2	24.7	18.8	30.6
Dec	39.2	28.6	20.7	36.5	31.7	26.2	36.7	49.6	42.4	56.7	26.4	22.6	33.1	31.4	19.6	39.6
<b>Piton du Milieu, 2.99 Mm<sup>3</sup></b>																
Jan	63.5	54.4	51.0	57.9	49.1	40.1	59.2	68.7	63.9	100.0	67.1	59.9	75.3	73.7	40.5	100.0
Feb	72.0	80.3	56.3	100.0	45.6	38.1	49.2	99.8	99.0	100.0	75.1	73.6	76.3	99.3	98.7	100.0
Mar	87.8	99.3	97.7	100.0	45.5	38.8	48.8	99.5	98.7	100.0	75.0	71.6	76.3	99.3	97.7	100.0
Apr	88.8	99.3	97.7	100.0	46.1	45.5	47.2	98.8	96.3	100.0	90.3	70.9	100.0	97.7	95.3	100.0
May	90.8	96.7	92.3	100.0	46.7	46.2	47.2	98.1	95.7	100.0	95.8	92.3	99.3	97.9	95.3	99.3
Jun	86.1	95.1	88.9	100.0	48.7	46.8	49.5	88.7	82.6	95.3	94.9	92.0	98.7	98.9	98.3	99.7
Jul	83.0	93.7	88.1	100.0	59.0	49.2	77.6	87.6	82.9	91.3	95.3	92.6	98.0	99.2	98.3	100.0
Aug	83.0	95.7	91.6	99.1	87.6	79.9	92.0	98.0	91.3	100.0	97.2	93.0	100.0	98.7	97.3	100.0
Sep	80.7	90.5	89.3	92.3	92.0	91.3	93.0	92.3	86.0	98.7	87.4	80.6	93.0	95.6	88.3	99.3
Oct	72.5	97.1	93.1	98.8	86.8	82.9	91.0	80.0	72.2	85.3	70.9	64.9	79.9	80.4	73.9	88.0
Nov	60.1	87.5	79.0	93.9	77.0	70.9	82.9	65.1	61.2	71.6	58.1	50.2	64.2	66.2	57.9	72.9
Dec	56.8	68.2	59.9	78.3	69.3	67.2	70.9	62.6	60.2	63.5	43.1	39.1	49.2	58.6	54.8	66.9

Source: Water Resources Unit

Table 6.5 - Percentage water level by month and reservoir, 1998- 2002 (cont'd)

Period	Average for 1990-1999 (%)	1998			1999			2000			2001			2002		
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)
<b>La Ferme, 11.52 Mm<sup>3</sup></b>																
Jan	22.6	11.8	6.5	15.4	2.0	1.5	2.5	2.6	1.3	17.8	11.6	8.7	17.2	21.4	3.5	55.2
Feb	30.4	22.8	5.2	67.8	5.8	1.8	7.3	48.3	21.3	77.3	19.5	17.1	21.5	80.0	58.2	94.6
Mar	64.3	88.1	70.6	99.6	8.9	5.9	10.5	87.9	79.3	99.8	17.2	14.2	20.0	98.7	95.1	100.0
Apr	74.7	98.9	95.6	100.0	10.0	9.8	10.2	98.1	92.7	100.0	27.1	12.9	46.4	90.6	83.0	97.7
May	77.4	87.2	78.8	95.4	9.5	9.2	9.9	85.5	78.2	92.1	40.1	37.3	44.4	74.8	66.1	82.3
Jun	68.9	69.8	61.5	80.9	8.9	8.7	9.2	68.6	62.0	77.3	33.2	29.4	37.3	60.0	54.1	65.5
Jul	58.1	59.7	54.7	66.0	8.8	8.6	9.5	56.5	52.2	61.2	24.9	22.0	28.5	49.6	46.4	53.8
Aug	49.4	60.4	55.9	65.5	9.0	8.1	9.5	51.7	47.9	53.0	28.1	21.7	30.1	44.3	42.4	46.2
Sep	37.3	49.2	41.3	55.6	6.0	3.6	8.3	46.2	42.0	49.4	28.0	25.4	29.1	39.4	35.4	42.5
Oct	25.1	31.9	24.9	40.7	2.5	1.6	3.6	35.2	29.1	41.5	19.9	16.8	24.7	28.5	21.4	35.0
Nov	13.0	17.4	9.4	24.3	1.3	1.0	1.6	21.4	15.9	28.5	13.0	10.0	16.8	15.1	10.1	20.9
Dec	9.8	4.5	2.4	8.9	1.2	0.9	1.5	11.7	9.3	15.4	6.2	3.6	9.7	7.7	5.5	10.1
<b>Mare Longue, 6.28 Mm<sup>3</sup></b>																
Jan	31.9	35.9	20.7	45.9	0.0	0.0	0.0	26.1	22.6	51.3	10.9	5.3	18.0	29.3	2.7	75.8
Feb	48.1	62.9	42.5	100.0	10.8	0.0	13.4	74.6	57.0	92.5	26.1	18.3	31.5	79.7	76.3	83.8
Mar	72.9	99.2	98.7	99.8	20.0	13.4	24.2	92.5	86.8	98.7	31.3	28.0	32.8	87.2	82.8	90.1
Apr	75.0	99.3	98.7	99.8	26.7	24.2	29.6	92.7	82.8	98.7	40.5	26.8	56.4	94.1	89.6	96.7
May	77.4	94.1	83.9	99.2	31.5	29.8	32.6	73.5	60.8	82.8	58.1	56.5	61.0	90.7	82.3	96.2
Jun	72.8	70.2	57.2	82.8	34.6	32.6	36.1	54.7	49.7	60.2	56.7	54.1	60.8	85.1	81.7	92.5
Jul	65.1	56.3	51.0	65.6	43.8	36.1	54.6	60.5	53.8	65.8	51.1	46.7	54.1	97.5	93.0	99.2
Aug	62.6	72.4	66.1	77.1	60.3	55.3	64.8	75.4	66.1	82.8	56.5	47.0	59.1	98.9	98.6	99.4
Sep	58.3	72.0	67.8	77.7	68.8	65.3	71.7	83.9	83.1	84.6	58.9	53.5	61.5	98.1	94.4	99.2
Oct	46.0	59.7	50.5	67.4	67.3	59.4	72.3	79.9	67.0	87.4	44.9	35.2	53.0	77.6	62.1	93.5
Nov	28.4	39.2	28.2	49.8	50.1	41.6	58.9	52.0	30.0	66.1	25.8	16.2	34.6	46.4	26.8	61.0
Dec	19.9	10.7	0.0	27.1	33.5	26.1	40.8	22.4	8.8	37.9	6.6	1.4	15.4	16.1	11.5	25.0
<b>All reservoirs, 51.94 Mm<sup>3</sup></b>																
Jan	49.1	46.3	40.8	50.0	32.0	28.1	35.7	29.0	26.0	46.1	48.4	42.3	56.4	51.3	30.3	79.3
Feb	56.5	60.3	44.7	88.3	33.9	27.5	37.4	65.3	49.5	80.0	57.9	54.5	60.1	83.7	77.0	88.9
Mar	77.3	93.6	88.5	99.2	36.1	31.3	40.0	85.1	80.0	91.8	56.4	52.8	59.2	90.6	86.1	92.5
Apr	81.5	99.4	97.8	99.9	36.2	33.7	38.7	91.1	87.4	92.9	63.7	52.1	75.2	89.5	84.8	93.2
May	82.9	94.4	88.7	98.5	33.9	31.9	35.6	86.8	81.1	90.4	71.5	68.9	75.2	84.3	79.6	87.8
Jun	78.7	85.0	78.3	91.6	33.9	32.0	35.4	75.0	71.0	80.5	67.0	64.1	70.6	82.3	78.2	87.2
Jul	74.5	80.4	75.6	86.2	38.8	34.3	45.0	76.9	71.4	80.3	64.5	61.7	67.2	85.8	83.0	87.8
Aug	72.6	84.9	82.2	87.5	47.1	44.9	49.3	82.4	76.9	85.0	68.9	62.8	71.3	85.8	84.4	87.0
Sep	67.8	81.1	77.2	83.8	48.6	46.6	50.3	80.9	76.6	84.3	64.9	60.3	67.7	82.2	76.2	85.7
Oct	57.9	75.5	69.5	79.8	43.4	38.9	47.3	73.3	67.0	77.6	52.8	48.0	59.6	67.8	60.9	75.6
Nov	45.8	59.8	51.0	69.0	34.8	31.3	38.6	59.1	53.9	66.4	43.8	38.8	48.2	54.0	47.0	60.3
Dec	40.5	42.6	36.1	50.4	29.5	27.0	31.7	50.2	44.6	55.9	32.7	29.0	38.3	46.1	42.7	49.6

Source: Water Resources Unit

Fig. 6.3 - Water level in each reservoir, 1998-2002

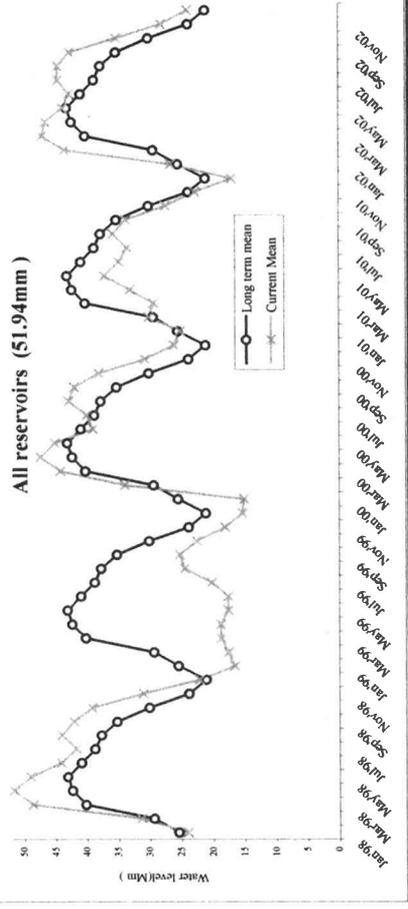
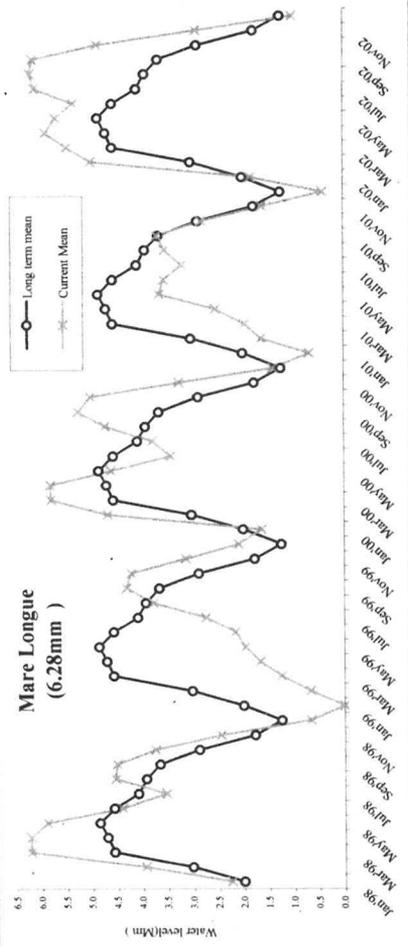
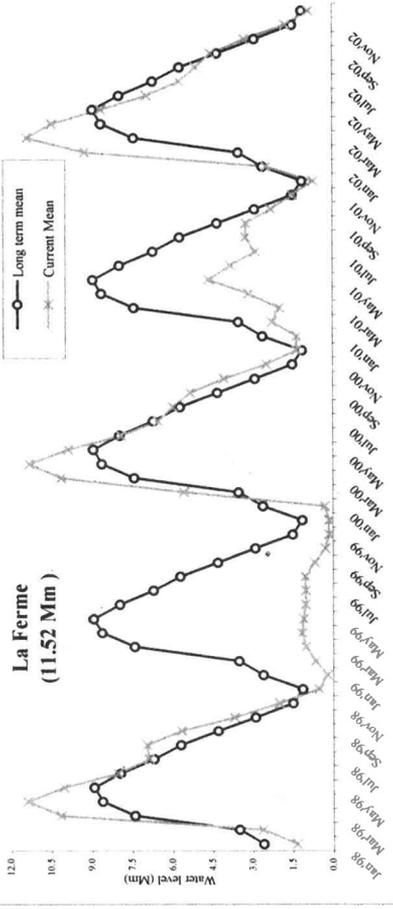
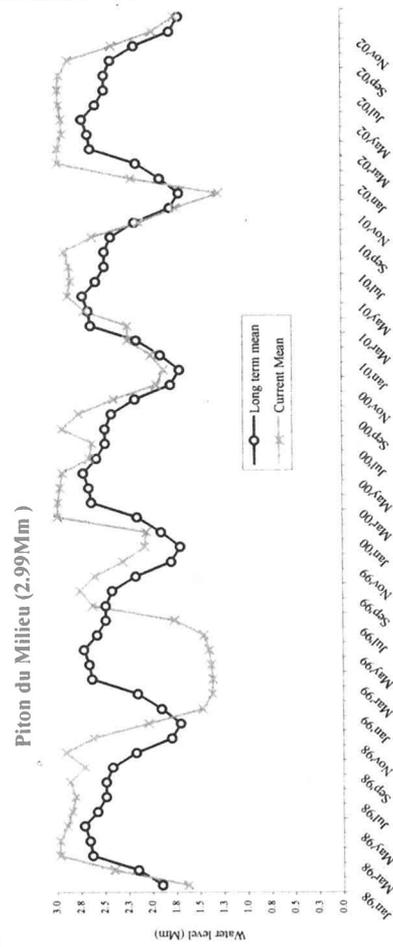
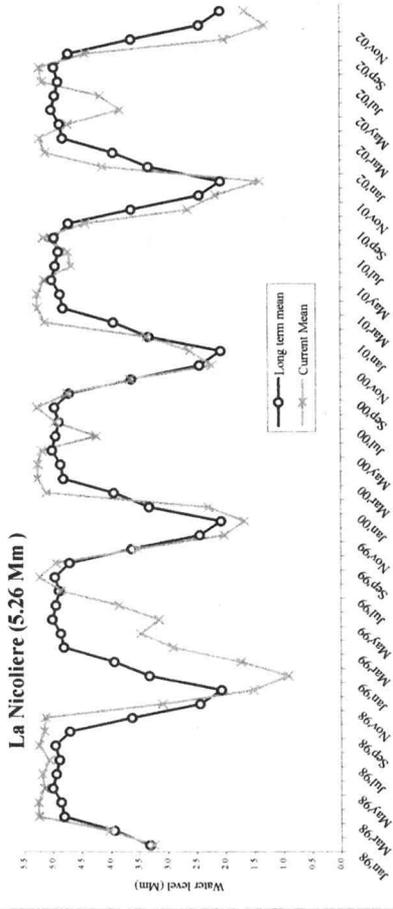
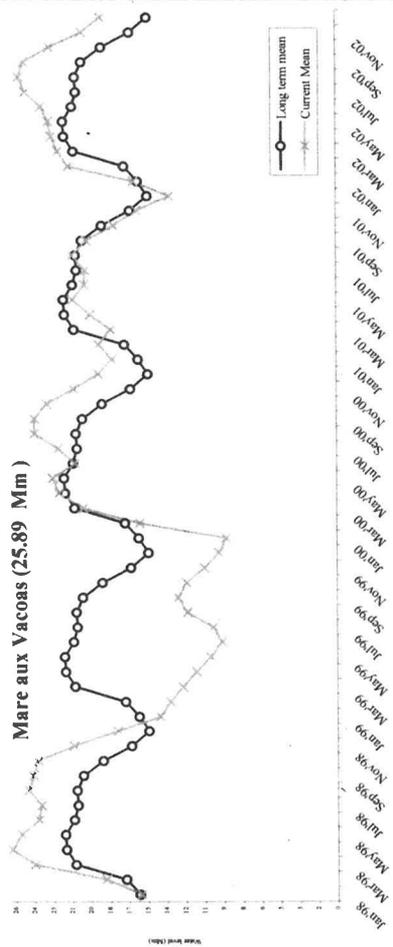


Table 6.6 - Average Monthly Potable Water Production (Mm<sup>3</sup>), 1998-2002 (Island of Mauritius)

Month	Mare Aux Vacoas (Upper)			Mare Aux Vacoas (Lower)			Port -Louis			District water supply - North			District water supply - South			District water supply - East			Total production				
	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total		
	Mm <sup>3</sup>																						
<b>1998</b>	21.6	9.1	30.6	7.1	23.8	30.8	22.2	10.0	32.2	15.4	16.0	31.4	10.5	14.6	25.1	9.8	12.3	22.0	86.6	85.8	172.4	50.2%	49.8%
Jan	1.71	0.78	2.49	0.65	1.80	2.45	1.93	0.70	2.63	1.15	1.44	2.59	0.90	1.20	2.10	0.75	1.01	1.76	7.28	6.93	14.21	51.2%	48.8%
Feb	1.57	0.70	2.27	0.62	1.77	2.40	1.74	0.80	2.54	1.17	1.43	2.59	0.89	1.13	2.02	0.66	0.91	1.57	6.64	6.74	13.38	49.7%	50.3%
Mar	1.71	0.98	2.70	0.66	2.17	2.83	1.65	1.14	2.79	1.22	1.76	2.98	1.07	1.23	2.30	0.74	1.05	1.80	7.06	8.33	15.39	45.9%	54.1%
Apr	1.61	0.83	2.44	0.64	2.02	2.66	1.90	1.07	2.96	1.21	0.37	1.58	0.93	1.19	2.12	0.73	1.01	1.74	7.02	6.48	13.50	52.0%	48.0%
May	2.01	0.69	2.70	0.64	1.88	2.52	1.98	0.90	2.88	1.24	1.71	2.95	0.90	1.29	2.19	0.80	1.03	1.83	7.56	7.51	15.07	50.2%	49.8%
Jun	1.82	0.71	2.53	0.59	2.00	2.59	1.89	0.79	2.67	1.17	1.63	2.80	0.86	1.20	2.06	0.83	1.02	1.85	7.16	7.34	14.50	49.4%	50.6%
Jul	1.98	0.75	2.73	0.60	2.15	2.75	1.91	0.74	2.65	1.62	1.19	2.81	0.89	1.30	2.19	0.86	1.03	1.90	7.85	7.17	15.02	52.3%	47.7%
Aug	1.96	0.72	2.69	0.57	2.01	2.58	1.93	0.80	2.73	1.60	1.23	2.83	0.87	1.35	2.21	0.90	1.05	1.96	7.84	7.15	14.99	52.3%	47.7%
Sep	1.73	0.72	2.45	0.55	2.07	2.62	1.90	0.80	2.70	1.54	1.18	2.72	0.76	1.26	2.02	0.85	1.01	1.86	7.33	7.04	14.38	51.0%	49.0%
Oct	1.99	0.66	2.65	0.48	2.10	2.58	1.92	0.74	2.66	1.56	1.09	2.65	0.76	1.30	2.06	0.89	1.05	1.94	7.60	6.94	14.53	52.3%	47.7%
Nov	1.77	0.74	2.51	0.57	2.00	2.57	1.75	0.78	2.54	0.99	1.47	2.46	0.84	1.14	1.98	0.88	1.04	1.92	6.80	7.18	13.98	48.6%	51.4%
Dec	1.69	0.80	2.49	0.49	1.80	2.29	1.65	0.78	2.43	0.96	1.48	2.44	0.82	1.04	1.85	0.87	1.06	1.93	6.48	6.96	13.44	48.2%	51.8%
<b>1999</b>	18.5	4.8	23.3	2.2	18.8	21.1	17.5	7.2	24.7	9.3	17.2	26.4	9.1	13.7	22.8	7.3	12.7	20.0	63.7	74.4	138.2	46.1%	53.9%
Jan	1.94	0.38	2.32	0.62	1.80	2.42	1.65	0.73	2.38	0.83	1.80	2.63	0.70	1.01	1.70	0.80	1.02	1.82	6.54	6.74	13.28	49.2%	50.8%
Feb	1.90	0.36	2.26	0.59	1.54	2.13	1.57	0.65	2.22	0.83	1.85	2.67	0.77	1.02	1.80	0.75	0.91	1.66	6.41	6.34	12.74	50.3%	49.7%
Mar	1.74	0.32	2.07	0.47	1.77	2.24	1.85	0.81	2.65	0.96	1.70	2.66	0.88	1.10	1.98	0.86	1.04	1.90	6.76	6.74	13.50	50.1%	49.9%
Apr	1.80	0.36	2.16	0.08	1.70	1.78	1.70	0.70	2.40	0.71	1.63	2.34	0.80	1.20	2.00	0.50	1.20	1.70	5.59	6.79	12.38	45.2%	54.8%
May	1.61	0.35	1.96	0.01	1.63	1.64	1.56	0.61	2.17	0.71	1.48	2.19	0.75	1.22	1.97	0.46	1.18	1.64	5.10	6.47	11.57	44.1%	55.9%
Jun	1.33	0.38	1.71	0.08	1.51	1.59	1.31	0.55	1.86	0.59	1.32	1.91	0.74	1.11	1.85	0.50	1.10	1.60	4.55	5.97	10.52	43.3%	56.7%
Jul	0.90	0.34	1.24	0.05	1.27	1.32	1.20	0.38	1.58	0.58	1.08	1.66	0.60	0.98	1.58	0.40	0.96	1.36	3.73	5.02	8.75	42.6%	57.4%
Aug	1.16	0.48	1.64	0.06	1.60	1.66	1.65	0.58	2.23	0.80	1.31	2.11	0.76	1.24	1.99	0.60	1.17	1.77	5.03	6.38	11.40	44.1%	55.9%
Sep	1.27	0.46	1.73	0.06	1.57	1.63	1.55	0.57	2.12	0.78	1.24	2.02	0.73	1.19	1.93	0.64	1.08	1.72	5.03	6.12	11.15	45.1%	54.9%
Oct	1.61	0.51	2.12	0.07	1.48	1.55	1.11	0.50	1.61	0.84	1.27	2.11	0.78	1.29	2.07	0.59	1.05	1.64	5.00	6.10	11.11	45.0%	55.0%
Nov	1.63	0.40	2.03	0.07	1.40	1.47	1.07	0.48	1.55	0.83	1.17	2.00	0.76	1.16	1.92	0.56	1.00	1.56	4.92	5.62	10.54	46.7%	53.3%
Dec	1.63	0.44	2.08	0.07	1.57	1.64	1.26	0.63	1.89	0.80	1.31	2.12	0.79	1.21	1.99	0.60	0.99	1.59	5.09	6.15	11.24	45.3%	54.7%

Source: Central Water Authority

Table 6.6- Average Monthly Potable Water Production (Mm<sup>3</sup>), 1998-2002 (Island of Mauritius) (cont'd)

Month	Mare Aux Vacoas (Upper)		Mare Aux Vacoas (Lower)		Port -Louis		District water supply - North			District water supply - South			District water supply - East			Total production						
	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	
																						Mm <sup>3</sup>
<b>2000</b>	28.1	6.2	34.4	0.1	26.2	26.3	21.2	10.3	31.5	11.0	22.7	33.7	8.2	14.8	22.9	9.2	14.7	23.9	77.7	94.9	172.6	45.0%
Jan	1.65	0.48	2.13	0.01	1.69	1.70	1.30	0.62	1.92	0.83	1.43	2.26	0.79	1.29	2.07	0.88	1.29	2.17	5.45	6.80	12.26	44.5%
Feb	1.71	0.47	2.18	0.01	2.16	2.17	1.70	0.95	2.65	0.94	1.55	2.50	0.70	1.16	1.86	0.75	1.16	1.91	5.80	7.45	13.26	43.8%
Mar	2.16	0.59	2.75	0.01	2.28	2.29	1.84	1.10	2.94	0.99	1.83	2.82	0.72	1.24	1.96	0.86	1.24	2.10	6.58	8.28	14.86	44.3%
Apr	2.42	0.57	2.99	0.01	2.22	2.22	1.75	0.95	2.70	1.01	1.71	2.72	0.70	1.17	1.86	0.82	1.17	1.98	6.70	7.77	14.47	46.3%
May	2.66	0.58	3.24	0.01	2.33	2.34	1.87	0.85	2.72	0.96	2.08	3.04	0.75	1.22	1.97	0.72	1.22	1.94	6.98	8.27	15.25	45.8%
Jun	2.60	0.48	3.08	0.01	2.23	2.24	1.82	0.79	2.60	0.91	1.97	2.88	0.67	1.09	1.76	0.68	0.98	1.66	6.69	7.54	14.23	47.0%
Jul	2.42	0.54	2.96	0.01	2.32	2.33	1.89	0.76	2.65	0.92	1.99	2.91	0.71	1.23	1.94	0.70	1.23	1.93	6.65	8.07	14.71	45.2%
Aug	2.38	0.55	2.93	0.01	2.34	2.35	1.90	0.79	2.69	0.94	1.94	2.89	0.61	1.13	1.74	0.81	1.13	1.94	6.65	7.88	14.53	45.3%
Sep	2.49	0.50	2.99	0.01	2.27	2.28	1.86	0.79	2.66	0.94	1.97	2.90	0.57	1.19	1.77	0.80	1.19	1.99	6.67	7.91	14.58	45.8%
Oct	2.60	0.50	3.10	0.01	2.25	2.26	1.82	0.87	2.69	0.91	2.07	2.98	0.57	1.24	1.82	0.77	1.24	2.01	6.68	8.18	14.86	45.0%
Nov	2.40	0.48	2.88	0.01	2.04	2.05	1.64	0.88	2.53	0.79	2.04	2.83	0.76	1.59	2.34	0.69	1.59	2.28	6.29	8.61	14.91	42.2%
Dec	2.66	0.49	3.15	0.01	2.08	2.09	1.77	0.95	2.72	0.83	2.11	2.94	0.61	1.23	1.84	0.71	1.23	1.95	6.59	8.11	14.69	44.8%
<b>2001</b>	30.8	5.8	36.6	0.1	25.5	25.6	21.4	10.5	32.0	11.1	25.1	36.2	7.9	14.7	22.6	8.8	12.8	21.6	80.1	94.6	174.7	45.8%
Jan	2.56	0.49	3.05	0.01	2.14	2.15	1.81	0.95	2.76	0.88	2.09	2.97	0.65	1.24	1.88	0.72	1.05	1.77	6.63	7.95	14.58	45.5%
Feb	2.41	0.45	2.86	0.01	2.11	2.12	1.72	0.79	2.51	0.84	1.89	2.73	0.68	1.13	1.80	0.67	0.96	1.63	6.32	7.32	13.65	46.3%
Mar	2.78	0.50	3.28	0.01	2.27	2.28	1.89	0.77	2.67	0.92	2.14	3.06	0.65	1.25	1.90	0.72	1.05	1.77	6.97	7.98	14.95	46.6%
Apr	2.43	0.51	2.94	0.01	2.18	2.19	1.79	1.00	2.79	0.90	2.05	2.96	0.57	1.22	1.79	0.73	1.04	1.77	6.43	8.01	14.43	44.5%
May	2.59	0.53	3.12	0.01	2.29	2.29	2.01	0.85	2.87	0.93	2.02	2.95	0.66	1.25	1.91	0.79	1.11	1.89	6.99	8.04	15.03	46.5%
Jun	2.59	0.51	3.11	0.01	2.18	2.18	1.88	0.93	2.80	0.88	2.18	3.06	0.66	1.19	1.85	0.75	1.07	1.82	6.76	8.06	14.82	45.6%
Jul	2.68	0.52	3.19	0.01	2.22	2.22	1.98	0.75	2.73	1.01	2.22	3.23	0.71	1.24	1.96	0.72	1.12	1.84	7.11	8.06	15.17	46.9%
Aug	2.68	0.50	3.18	0.01	2.25	2.25	1.97	0.87	2.84	1.03	2.22	3.24	0.67	1.67	2.33	0.69	1.10	1.79	7.04	8.60	15.64	45.0%
Sep	2.68	0.48	3.16	0.01	2.10	2.11	1.91	0.87	2.77	0.97	2.12	3.09	0.67	1.11	1.77	0.66	1.06	1.72	6.88	7.73	14.62	47.1%
Oct	2.57	0.46	3.03	0.01	2.04	2.05	1.70	0.94	2.65	0.96	2.14	3.10	0.66	1.18	1.84	0.86	1.11	1.97	6.75	7.88	14.63	46.2%
Nov	2.27	0.45	2.72	0.01	1.93	1.94	1.46	0.92	2.38	0.85	2.02	2.87	0.67	1.12	1.79	0.78	1.08	1.86	6.04	7.52	13.56	44.6%
Dec	2.53	0.44	2.97	0.01	1.85	1.86	1.32	0.89	2.20	0.91	2.05	2.96	0.70	1.12	1.82	0.69	1.09	1.78	6.15	7.43	13.59	45.3%

Source: Central Water Authority

Table 6.6 - Average monthly potable water production (Mm<sup>3</sup>), 1998-2002 (Island of Mauritius) (cont'd)

Month	Mare Aux Vacoas (Upper)			Mare Aux Vacoas (Lower)			Port - Louis			District water supply - North			District water supply - South			District water supply - East			Total production				
	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total		
	Mm <sup>3</sup>																						
2002	30.0	6.0	36.0	0.1	26.5	26.6	19.6	12.0	31.7	14.2	23.8	38.0	8.5	14.0	22.5	9.2	13.1	22.3	81.7	95.4	177.1	46.1%	53.9%
Jan	2.47	0.46	2.93	0.01	2.05	2.06	1.67	0.99	2.65	1.02	2.05	3.07	0.73	1.22	1.95	0.74	1.09	1.84	6.64	7.86	14.50	45.8%	54.2%
Feb	2.20	0.48	2.68	0.01	2.11	2.11	1.58	0.96	2.54	0.99	2.04	3.02	0.69	1.06	1.75	0.73	1.02	1.75	6.19	7.67	13.86	44.7%	55.3%
Mar	2.50	0.51	3.01	0.01	2.39	2.40	1.87	1.09	2.95	1.11	2.29	3.39	0.72	1.17	1.89	0.83	1.10	1.93	7.04	8.54	15.57	45.2%	54.8%
Apr	2.29	0.50	2.79	0.01	2.23	2.24	1.86	0.95	2.81	1.12	2.04	3.17	0.71	1.16	1.86	0.76	1.02	1.77	6.74	7.89	14.64	46.1%	53.9%
May	2.35	0.50	2.84	0.01	2.26	2.27	1.96	0.78	2.74	1.19	2.10	3.29	0.72	1.10	1.82	0.83	1.04	1.87	7.06	7.77	14.83	47.6%	52.4%
Jun	2.35	0.49	2.84	0.01	2.21	2.22	1.86	0.71	2.56	1.14	1.98	3.12	0.64	1.07	1.71	0.79	1.01	1.81	6.78	7.47	14.25	47.6%	52.4%
Jul	2.46	0.49	2.95	0.01	2.27	2.28	1.88	0.78	2.66	1.22	1.98	3.20	0.69	1.10	1.79	0.82	1.01	1.83	7.08	7.63	14.71	48.1%	51.9%
Aug	2.49	0.51	3.00	0.01	2.24	2.25	1.91	0.69	2.60	1.44	1.88	3.32	0.68	1.09	1.77	0.78	1.00	1.78	7.31	7.41	14.72	49.7%	50.3%
Sep	2.54	0.50	3.04	0.01	2.27	2.28	1.68	0.82	2.50	1.53	1.75	3.28	0.69	1.15	1.84	0.76	1.11	1.87	7.21	7.60	14.81	48.7%	51.3%
Oct	2.73	0.53	3.25	0.01	2.20	2.21	1.73	0.88	2.61	1.08	1.89	2.97	0.75	1.31	2.06	0.72	1.27	1.99	7.02	8.08	15.10	46.5%	53.5%
Nov	2.78	0.50	3.28	0.01	2.14	2.15	0.82	1.66	2.49	1.09	1.89	2.98	0.75	1.28	2.03	0.72	1.19	1.91	6.17	8.66	14.83	41.6%	58.4%
Dec	2.88	0.50	3.38	0.01	2.17	2.18	0.82	1.73	2.54	1.27	1.87	3.14	0.75	1.32	2.07	0.75	1.23	1.98	6.47	8.82	15.29	42.3%	57.7%

Source: Central Water Authority

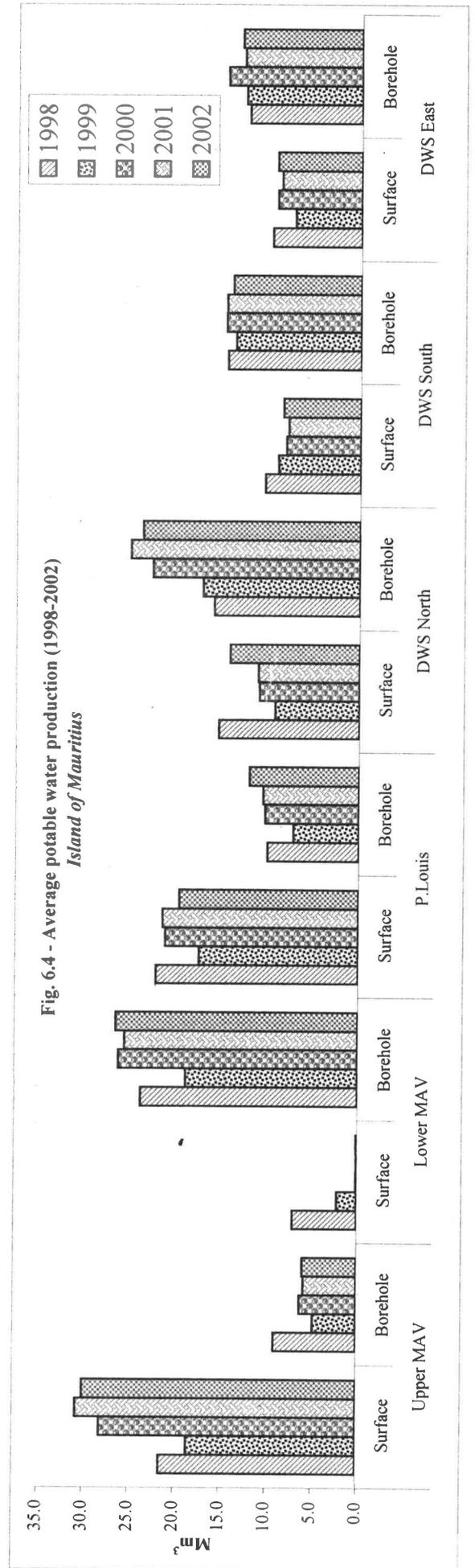


Table 6.7 - Water sales by type of tariff of subscriber, 1998 - 2002 (Island of Mauritius)

Type of tariff	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
	No. of subscribers					% distribution of subscribers				
Domestic	215,667	223,572	231,425	237,524	243,689	93.3	93.5	93.7	93.8	93.8
Government	3,155	3,322	3,368	3,474	3,538	1.4	1.4	1.4	1.4	1.4
Acquired / concessionary prizes	50	49	51	47	48	0.0	0.0	0.0	0.0	0.0
Commercial	9,579	9,330	9,176	9,237	9,233	4.1	3.9	3.7	3.6	3.6
Hotels, Guest Houses	165	178	182	187	191	0.1	0.1	0.1	0.1	0.1
Industrial	782	782	782	781	766	0.3	0.3	0.3	0.3	0.3
<b>Sub total</b>	<b>229,398</b>	<b>237,233</b>	<b>244,984</b>	<b>251,250</b>	<b>257,465</b>	<b>99.2</b>	<b>99.2</b>	<b>99.2</b>	<b>99.2</b>	<b>99.1</b>
Vegetable & Livestock producers	1,532	1,633	1,743	1,831	2,009	0.7	0.7	0.7	0.7	0.8
<b>Total potable water</b>	<b>230,930</b>	<b>238,866</b>	<b>246,727</b>	<b>253,081</b>	<b>259,474</b>	<b>99.9</b>	<b>99.9</b>	<b>99.9</b>	<b>99.9</b>	<b>99.9</b>
<b>Total non-treated water (agriculture/Industrial)</b>	<b>208</b>	<b>220</b>	<b>228</b>	<b>228</b>	<b>231</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>
<b>Grand Total</b>	<b>231,138</b>	<b>239,086</b>	<b>246,955</b>	<b>253,309</b>	<b>259,705</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
	Volume sold (thousand m <sup>3</sup> )					% Consumption				
Domestic	69,173	62,003	65,254	67,054	67,618	69.3	68.2	68.1	65.9	67.1
Government	4,577	3,264	3,457	3,789	4,026	4.6	3.6	3.6	3.7	4.0
Acquired / concessionary prizes	29	27	22	20	21	0.0	0.0	0.0	0.0	0.0
Commercial	5,626	4,594	4,833	5,034	5,186	5.6	5.1	5.0	4.9	5.1
Hotels, Guest Houses	2,940	3,093	3,324	3,624	3,492	2.9	3.4	3.5	3.6	3.5
Industrial	4,656	4,327	4,603	4,679	4,727	4.7	4.8	4.8	4.6	4.7
<b>Sub total</b>	<b>87,000</b>	<b>77,308</b>	<b>81,494</b>	<b>84,200</b>	<b>85,069</b>	<b>87.1</b>	<b>85.1</b>	<b>85.0</b>	<b>82.7</b>	<b>84.4</b>
Vegetable & Livestock producers	812	973	887	946	1,023	0.8	1.1	0.9	0.9	1.0
<b>Total potable water</b>	<b>87,812</b>	<b>78,281</b>	<b>82,381</b>	<b>85,146</b>	<b>86,093</b>	<b>87.9</b>	<b>86.1</b>	<b>86.0</b>	<b>83.6</b>	<b>85.4</b>
<b>Total non-treated water (agriculture/Industrial)</b>	<b>12,038</b>	<b>12,591</b>	<b>13,438</b>	<b>16,664</b>	<b>14,693</b>	<b>12.1</b>	<b>13.9</b>	<b>14.0</b>	<b>16.4</b>	<b>14.6</b>
<b>Grand Total</b>	<b>99,851</b>	<b>90,872</b>	<b>95,819</b>	<b>101,810</b>	<b>100,786</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
	Amount collectible Rs.(000)					Average sales price (Rs)				
Domestic	314,920	277,926	421,171	433,857	441,618	4.55	4.48	6.45	6.47	6.53
Government	50,435	38,745	64,335	66,398	71,328	11.02	11.87	18.61	17.52	17.72
Acquired / concessionary prizes	72	67	101	117	129	2.48	2.46	4.66	5.84	6.30
Commercial	64,228	52,973	73,336	73,390	78,993	11.42	11.53	15.17	14.58	15.23
Hotels, Guest Houses	40,127	42,226	82,167	88,470	90,494	13.65	13.65	24.72	24.41	25.91
Industrial	48,759	45,360	64,354	61,966	65,799	10.47	10.48	13.98	13.24	13.92
<b>Sub total</b>	<b>518,541</b>	<b>457,297</b>	<b>705,463</b>	<b>724,198</b>	<b>748,360</b>	<b>5.96</b>	<b>5.92</b>	<b>8.66</b>	<b>8.60</b>	<b>8.80</b>
Vegetable & Livestock producers	6,062	7,349	7,159	7,503	7,993	7.46	7.56	8.07	7.93	7.81
<b>Total potable water</b>	<b>524,603</b>	<b>464,646</b>	<b>712,622</b>	<b>731,701</b>	<b>756,354</b>	<b>5.97</b>	<b>5.94</b>	<b>8.65</b>	<b>8.59</b>	<b>8.79</b>
<b>Total non-treated water (agriculture/Industrial)</b>	<b>18,452</b>	<b>18,188</b>	<b>18,340</b>	<b>16,740</b>	<b>23,788</b>	<b>1.53</b>	<b>1.44</b>	<b>1.36</b>	<b>1.00</b>	<b>1.62</b>
<b>Grand Total</b>	<b>543,055</b>	<b>482,835</b>	<b>730,962</b>	<b>748,441</b>	<b>780,142</b>	<b>5.44</b>	<b>5.31</b>	<b>7.63</b>	<b>7.35</b>	<b>7.74</b>

Source: Central Water Authority

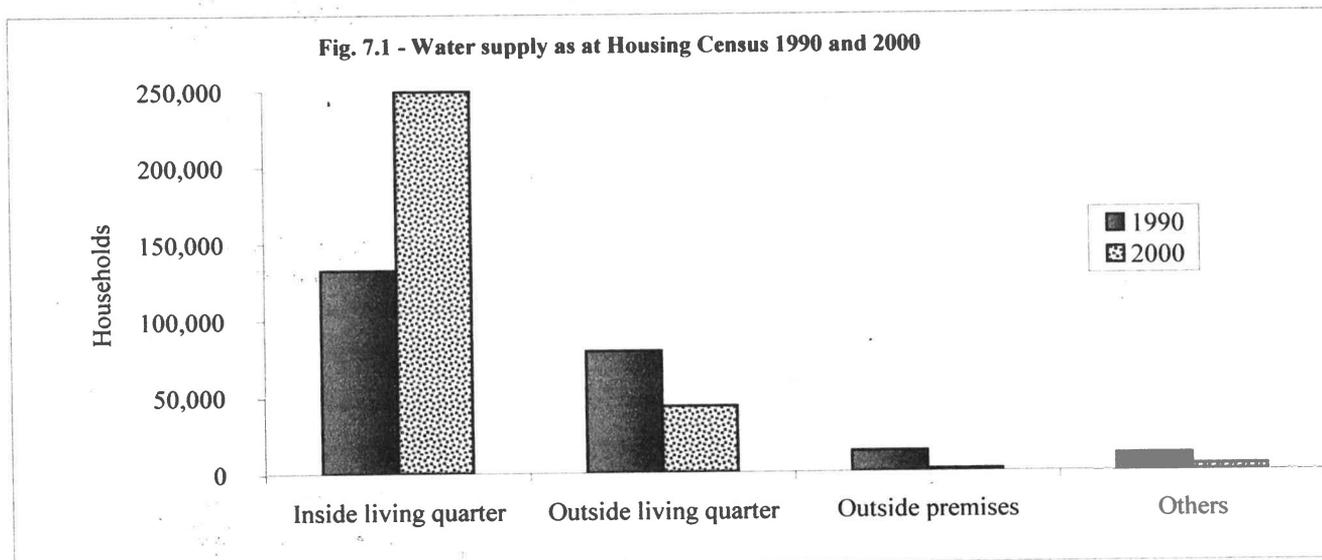
## **Section VII**

Water data from  
Housing and Population Census

Table 7.1 - Private households by geographical location of residence and type of water supply

Geographical location	Water supply							Total
	Piped water			Tank wagon	Well/river	Other	Not stated	
	Inside	Outside	Outside premises/ public fountain					
<b>Housing and Population Census 1990</b>								
Island of Mauritius								
Port Louis	16,040	13,792	248	6	23	666	5	30,780
Pamplemousses	10,056	9,605	956	36	98	957	1	21,709
Riviere du Rempart	7,757	8,415	1,912	6	9	615	2	18,716
Flacq	8,499	10,286	4,030	131	68	772	1	23,787
Grand Port	10,482	7,392	1,792	23	82	1,411	1	21,183
Savanne	6,853	4,544	993	17	32	1,141	2	13,582
Plaines Wilhems	60,623	13,289	505	11	46	1,009	9	75,492
Moka	7,191	5,102	1,229	146	108	491	-	14,267
Black River	4,188	4,606	531	13	44	468	1	9,851
<b>Total</b>	<b>131,689</b> (57.4%)	<b>77,031</b> (33.6%)	<b>12,196</b> (5.3%)	<b>389</b> (0.2%)	<b>510</b> (0.2%)	<b>7,530</b> (3.3%)	<b>22</b> (0.0%)	<b>229,367</b> (100.0%)
Island of Rodrigues	849	2,317	1,265	19	2,582	236	-	7,268
<b>Republic of Mauritius</b>	<b>132,538</b> (56.0%)	<b>79,348</b> (33.5%)	<b>13,461</b> (5.7%)	<b>408</b> (0.2%)	<b>3,092</b> (1.3%)	<b>7,766</b> (3.3%)	<b>22</b> (0.0%)	<b>236,635</b> (100.0%)
<b>Housing and Population Census 2000</b>								
Island of Mauritius								
Port Louis	25,245	6,945	333	10	2	216	2	32,753
Pamplemousses	24,093	5,498	78	14	16	187	-	29,886
Riviere du Rempart	20,220	3,912	140	3	-	167	-	24,442
Flacq	22,763	7,207	154	13	9	565	2	30,713
Grand Port	22,202	3,882	66	54	20	452	-	26,676
Savanne	13,801	2,526	123	-	17	351	-	16,818
Plaines Wilhems	89,868	3,636	14	4	9	230	1	93,762
Moka	16,134	2,171	24	28	11	172	1	18,541
Black River	11,879	3,085	181	7	12	414	1	15,579
<b>Total</b>	<b>246,205</b> (85.1%)	<b>38,862</b> (13.4%)	<b>1,113</b> (0.4%)	<b>133</b> (0.0%)	<b>96</b> (0.0%)	<b>2,754</b> (1.0%)	<b>7</b> (0.0%)	<b>289,170</b> (100.0%)
Island of Rodrigues	3,163	4,270	359	67	410	382	-	8,651
Agalega	-	-	-	-	-	60	-	60
<b>Republic of Mauritius</b>	<b>249,368</b> (83.7%)	<b>43,132</b> (14.5%)	<b>1,472</b> (0.5%)	<b>200</b> (0.1%)	<b>506</b> (0.2%)	<b>3,196</b> (1.1%)	<b>7</b> (0.0%)	<b>297,881</b> (100.0%)

Fig. 7.1 - Water supply as at Housing Census 1990 and 2000



**Table 7.2 - Private households by geographical location of residence and availability of water tank and connection to sewerage system**  
**- Housing and Population Census 2000**

Geographical location	Availability of domestic water tank/reservoir				Connection to Sewerage system	
	Available	Not Available	Not stated	Total	Connected	Not connected
Island of Mauritius						
Port Louis	8,990	23,758	5	32,753	25,042	7,711
Pamplemousses	10,492	19,392	2	29,886	636	29,250
Riviere du Rempart	8,401	16,031	10	24,442	57	24,385
Flacq	6,617	24,081	15	30,713	111	30,602
Grand Port	7,870	18,799	7	26,676	49	26,627
Savanne	3,757	13,059	2	16,818	28	16,790
Plaines Wilhems	48,088	45,647	27	93,762	28,535	65,227
Moka	6,289	12,248	4	18,541	1,402	17,139
Black River	4,730	10,842	7	15,579	2,592	12,987
<b>Total</b>	<b>105,234</b> (36.4%)	<b>183,857</b> (63.6%)	<b>79</b> (0.0%)	<b>289,170</b> (100.0%)	<b>58,452</b> (20.2%)	<b>230,718</b> (79.8%)
Island of Rodrigues	3,273	5,372	6	8,651	26	8,625
Agalega	40	20	-	60	-	60
<b>Republic of Mauritius</b>	<b>108,547</b> (36.4%)	<b>189,249</b> (63.5%)	<b>85</b> (0.0%)	<b>297,881</b> (100.0%)	<b>58,478</b> (19.6%)	<b>239,403</b> (80.4%)









