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FOREWORD

This is the ninth issue of a regular publication of the Central Statistics Office on energy and water statistics. It presents latest available statistics on energy and water. All data refer to the Republic of Mauritius, unless otherwise specified, and may be subject to revision in subsequent issues of the digest.

It is hoped that the statistics contained in this publication will prove useful to a wide range of users including planners, policy makers and research workers.

This digest has been prepared with the collaboration of the Ministry of Public Utilities, the Central Electricity Board, the Central Water Authority 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 Finance and Economic Development,
Port Louis,
MAURITIUS
September 2007

Contact person:

Mr. A. Sookun (*Statistician*)

Ms. N. Meenowa (*Senior Statistical Officer*)

Ministry of Public Utilities

Level 10, Air Mauritius Centre

President John Kennedy Street

Port Louis

Telephone : (230) 210-0408 / 3435

Fax : (230) 208-6497

Email : mpustat@mail.gov.mu

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Symbols & abbreviations

-	Nil
...	Not available
000	Thousand
m ³	Cubic metres
max	Maximum
min	Minimum
mm	Millimetres
Mm ³	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 (million kWh)
CEB	Central Electricity Board
IPP	Independent Power Producers
GDP	Gross Domestic Product
Rod.	Island of Rodrigues
	* * * * *

Glossary

Energy sector

Bagasse	A cellulosic residue left after sugar is extracted from sugar cane. It is mostly used as a fuel within the sugar milling factories.
Bunkers	Refer to the amount of fuels delivered to ocean-going ships or aircraft of all flags engaged in international traffic. Deliveries to ships engaged in transport in inland and coastal waters, or to aircraft engaged in domestic flights, are not included.
Calorific values	The energy content of a fuel is equivalent to the heat released on complete combustion of the fuel.
Capacity	The maximum power available from a power station at a point in time: <ul style="list-style-type: none"> - <i>Installed capacity</i>: The nameplate capacity of the generator set. - <i>Plant capacity</i>: The net capacity measured at the terminals of the stations, i.e, after deduction of the power absorbed by the auxiliary installations and the losses in the station transformers. - - <i>Effective capacity</i>: It is the plant capacity less any amount of derated capacity from the install capacity.
Charcoal	Comprises the solid residue obtained by the destructive distillation of wood in the absence of air.
Coal	Fossil fuel that has a high degree of coalification, with a gross calorific value over 24MJ/kg (5700 Kcal/kg) on an ash-free but moist basis.
Conversion factors	Factors used to convert quantities from original physical units into a common accounting unit for the purpose of aggregating diverse energy sources. The ‘tonne of oil equivalent’ (toe) has been adopted as the accounting unit.
Diesel Oil	Consists primarily of medium oil distilling between 180 ⁰ C and 380 ⁰ C.
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.
Energy Balance	Shows in a consistent accounting framework, the production, transformation and final consumption of all forms of energy for a given geographical area and a given period of time, with quantities expressed in terms of a single accounting unit for purposes of comparison and aggregation. The energy balance thus presents an overview of the energy produced and consumed in a system, matching input and output for a specific time period, usually a year.

Energy unit	Express fuel and energy in energy content. The International System of Units (SI unit) of energy is the Joule. Historically the 'tonne of coal equivalent' was used, but with ascendance of oil, this has been largely replaced by the 'tonne of oil equivalent' (toe), defined as 41.868 gigajoules.
Final Energy Consumption	Energy consumption by final user- i.e. energy which is not being used for transformation into other forms of energy. The consumption by sector is presented as follows: <p style="margin-left: 40px;">Agriculture: Energy used for irrigation and by other agricultural equipments;</p> <p style="margin-left: 40px;">Commercial and distributive trade: Energy consumed by the business and commercial sector;</p> <p style="margin-left: 40px;">Household: Consumption of energy by households;</p> <p style="margin-left: 40px;">Manufacturing: Consumption in industry and construction; and</p> <p style="margin-left: 40px;">Transport: Includes consumption by land vehicles, ships and local aircrafts.</p>
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 the energy stored up inside them.
Fuel wood	The term 'fuel wood' embraces all forms of woody material.
Fuel Oils	The heavy oils from the refining process and used essentially as fuel in power stations.
Gasolene	Comprises a mixture of relatively volatile hydrocarbons with or without small quantities of activities, which have been blended to form a fuel suitable for use in spark-ignition internal combustion engines.
Gross Domestic Product (GDP)	It represents the aggregate money value of all goods and services produced within a country out of economic activity during a specified period, usually a year, before provision for the consumption of fixed capital.
Gigawatt hour (GWh)	Unit of electrical energy, equal to 0.0036 terajoules (TJ).
Hydro	Energy derived from the potential and kinetic energy content of water.
Imports	Refer to amount of fuels obtained from other countries.
Indigenous production	Comprises hydro electricity, fuel wood, bagasse and electricity from wind generation.
IPP (Independent Power Producers)	Undertakings which, in addition to their main activities, themselves produce (individually or in combination) electric energy intended, in whole or in part, to meet their own needs and for sale to the CEB.
Jet fuel Kerosene-type	Refers to medium oils meeting the required properties for use in jet engines and aircraft-turbine engines.

Kerosene (exlc. Jet fuel type)	A medium oil distilling between 150 ⁰ C and 300 ⁰ C and which is used in sectors other than aircraft transport.
Kilowatt hour (kWh)	It is a precise measure of heat and work. 1kWh=3.6 x 10 ⁶ joules
Liquefied petroleum Gas (LPG)	Gas usually propane or butane, derived from oil and put under pressure so that it is in liquid form. Often used to power cooking stoves or heaters and to fuel some types of vehicle.
Losses (Distribution loss)	Comprise losses in transmission and distribution of electric energy and losses in transformers, which are <i>not</i> considered as integral parts of the power stations.
Megawatt (MW)	A unit of electrical power, equal to 10 ⁶ watts, i.e 1000kW
Own use (Station use and loss)	Included are consumption by station auxiliaries and losses in transformers, which are considered as integral parts of the power stations.
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 forms of energy. By convention, sources of energy that occur naturally such as coal, natural gas, fuelwood are termed primary energy.
Primary energy requirement	It is the sum of imported fuels and locally available fuels less re-exports to bunkers after adjusting for stock changes.
Production	Comprises gross production, i.e., the amount of electric energy produced, including that consumed by station auxiliaries and any losses in transformers that are considered integral parts of the power station.
Secondary energy	Secondary energy designates energy from all sources of energy that results from transformation of primary sources. e.g charcoal from fuelwood.
Statistical differences	This is the difference between calculated and observed inland consumption.
Solar	Energy derived from solar radiation directly by photovoltaic effect, or indirectly by thermal transformation.
Stock change/Statistical error	This is the difference between calculated and observed inland consumption.
Thermal plants	Comprises of conventional thermal plants of all types, whether or not equipped for the combined generation of heat and electric energy. They include steam-operated generating plants and plants using internal combustion engines or gas turbines.

Thermal sources of electricity	These include coal, oil and bagasse.
Transformation	Those fuels used directly in producing other fuels.
Watt (W)	The conventional unit to measure a rate of flow of energy. One watt amounts to 1 Joule per second.
Wind energy	Energy derived from the action of the wind.

Water

Water Balance	The water balance is based on long term records of annual average rainfall and indicates how freshwater resources are distributed.
Evapotranspiration	Combined loss of water by evaporation from the soil or surface.
Surface runoff	The flow of surface water, from rainfall, which flows directly to streams, rivers, lakes and the sea.
Groundwater recharge	Process by which water is added from outside to fresh water found beneath the earth surface.
1mm rainfall	1 litre of rainwater per square metre of surface area

* * * * *

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, namely the 'tonne 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
Fuelwood	1	0.38
Charcoal	1	0.74
	GWh	toe
Hydro/Wind	1	86
Electricity	1	86

* 1 toe = 41.84 gigajoule (net calorific value)

* * * * *

ENERGY AND WATER STATISTICS, 2006 – An overview

Introduction

This issue of the 'Digest of Energy and Water Statistics, 2006' covers the period 1997 to 2006 for energy statistics, and the years 2002 to 2006 for water statistics. The figures have been compiled in close collaboration with the Ministry of Public Utilities, the Central Electricity Board, the Central Water Authority, the petroleum companies, the Independent Power Producers and the Meteorological Services. All data refer to the Republic of Mauritius, unless otherwise specified.

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

2. Energy

2.1 The energy balance

The energy balance (Tables 1.1 & 1.2) shows the supply and final uses of electricity and the different types of fuel. Total primary energy requirement is obtained as the sum of indigenous production (hydro, fuelwood and bagasse) and imports less re-exports and bunkering, after stock adjustments. 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, households and agriculture.

In order to compare the energy content of the different fuels, a common accounting unit, namely, tonne of oil equivalent (toe) is used. The conversion factors are given on page 12.

2.2 Total primary energy requirement

The total primary energy requirement of the country increased by 6.3%, from 1,293 ktoe in 2005 to 1,375 ktoe in 2006 (Table 2.1). Of this, imported fuels (petroleum products and coal) accounted for 81.5% (1,120 ktoe) while locally available sources supplied the remaining 18.5% (255 ktoe).

In 2006, imported petroleum products which amounted to 820 ktoe comprised mainly, fuel oil (33.3%), diesel (28.0%), aviation fuel (17.9%) and gasoline (11.7%).

Imported coal reached 300 ktoe, which showed a 32.7% increase when compared to 226 ktoe in 2005. This high increase of coal in the primary energy requirements was partly due to the full operation in 2006 of the Centrale Thermique du Sud Ltd, an Independent Power Producer, which generates electricity only from coal, and started operating in July 2005.

The indigenous production (255 ktoe) was mainly derived from bagasse (94.3%), hydro electricity (2.6%) and fuelwood (3.1%).

The total primary energy requirement index, with 1990 as base year (1990 = 100), increased by 11.1 points or 6.3% from 177.0 in 2005 to 188.1 in 2006. Per capita primary energy requirement increased by 5.8% from 1.04 toe to 1.10 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 higher ratio indicates a less efficient use of energy. As shown in Table 1.3, energy intensity, which stood at 1.62 in 2005, rose to 1.66 in 2006 showing a decrease in efficiency.

2.2.1 Local production

Total energy production from local sources decreased by 3.0% from 263 ktoe in 2005 to 255 ktoe in 2006. Production of hydroelectricity went down from 9.9 ktoe to 6.6 ktoe while production of bagasse decreased from 245 ktoe to 240 ktoe (Table 2.1).

2.2.2 Imports of energy sources

Data on imports of energy sources show that some 1,338 ktoe of petroleum products and coal were imported in 2006 compared to 1,312 ktoe in 2005, representing an increase of 2.0%. Petroleum products decreased from 1,076 ktoe to 1,034 ktoe (-3.9%) while coal increased from 235 ktoe to 304 ktoe (+29.4%)(Table 2.3). As a result of higher prices of petroleum products and coal, the import bill was 26% higher in 2006, Rs 18,822 million against Rs 14,989 million in 2005 (Table 2.5).

2.2.3 Re-exports and bunkering

Of the 1,338 ktoe of imported energy sources, about 285 ktoe (21.3%) were supplied to foreign vessels and aircraft. Re-exports consisted of 124 ktoe of diesel oil (43.5%), 104 ktoe of aviation fuel (36.5%) and 57 ktoe of fuel oil (20.0%) (Table 2.6).

2.3 Electricity

2.3.1 Electricity Generation

Some 2,350 GWh (202 ktoe) of electricity were generated in 2006 as compared to 2,272 GWh (195 ktoe) in 2005, representing an increase of 3.4%. The Independent Power Producers supplied 52.9% of the total electricity generated and The Central Electricity Board (CEB), 47.1%. Thermal energy represented 96.7% and hydro, the remaining 3.3%. The peak demand in 2006 for Island of Mauritius reached 367.3 MW while that for Island of Rodrigues stood at 5.7 MW (Tables 3.1 – 3.6).

2.3.1 Fuel input for electricity generation

The different types of fuel used for electricity generation are shown in Table 3.7. Fuel input increased by 10.8%, from 609 ktoe in 2005 to 675 ktoe in 2006. The major components of the fuel input were coal (42.5%), fuel oil (32.2%) and bagasse (24.6%).

2.3.2 Electricity sales

Electricity sold increased by 5.8% from 1,777 GWh in 2005 to 1,880 GWh in 2006. The average sales price of electricity increased by 10.8% from Rs 3.25 per kWh to Rs 3.60 per kWh during the same period (Table 4.7).

The consumption of electricity per capita per annum stood at 1,500 kWh in 2006 compared to 1,430 kWh in 2005 (Table 1.3).

2.4 Final energy consumption

Final energy consumption increased by 3.4% from 846 ktoe in 2005 to 875 ktoe in 2006. “Transport” and “Manufacturing” were the two largest energy-consuming sectors accounting for 48.6% and 31.0% of energy consumed respectively. They were followed by “Household” (12.5%), “Commercial and Distributive Trade” (7.0%) and Agriculture (0.5%). The details on the different types of fuel consumed by each sector and the respective amounts are given in Table 4.1 – 4.6.

2.4.1 Manufacturing

Energy used for manufacturing process went up by 8.8% from 249 ktoe in 2005 to 271 ktoe in 2006. The contribution of bagasse was 74 ktoe, electricity, 72 ktoe, fuel oil, 56 ktoe and diesel oil, 50 ktoe.

2.4.2 Transport

In 2006, some 425 ktoe of energy were used for transportation, representing a rise of 1.5% over last year. Consumption of gasoline decreased from 100 ktoe to 96 ktoe (-4.0%) while that of diesel oil increased from 168 ktoe to 175 ktoe (+4.2%). Consumption of aviation fuel was 147 ktoe in 2006 compared to 143 ktoe in 2005 while the use of LPG in the transport sector increased slightly, from 7.3 ktoe in 2005 to 7.4 ktoe in 2006.

2.4.3 Household

Energy consumed by households decreased by 5.2% from 115 ktoe in 2005 to 109 ktoe in 2006. The two main sources of energy for households were electricity and LPG, representing 48.5% and 41.6% respectively of total energy consumed by households. Consumption of electricity increased by 1.7% whilst, that of LPG went down by 2.6%.

2.4.4 Commercial and Distributive Trade

Total energy consumption by “Commercial and Distributive Trade” sector rose by 9.7%, from 55.7 ktoe in 2005 to 61.1 ktoe in 2006. This was mainly the effect of an increase of electricity from 47.9 ktoe to 50.0 ktoe (+4.4%) coupled with that of LPG which increased from 7.5 ktoe to 10.7 ktoe (+42.7%).

2.4.5 Agriculture

Energy consumption in 'Agriculture' increased slightly from 4.7 ktoe to 4.8 ktoe. Electricity and diesel were the only two sources of energy used in this sector. In 2006, about 2.5 ktoe of electricity were used for irrigation and 2.3 ktoe of diesel oil were used for derocking of land and for the preparation of soil prior to plantation.

3 Water

3.1 Water balance

The estimated water balance for the Island of Mauritius is shown in Table 6.1. The water balance indicates how fresh water resources are distributed. In 2006, the Island of Mauritius registered 3,571 million of cubic metres (Mm³) of rainfall. Some 1,071 Mm³ of water was lost through evapotranspiration, while surface run-off and ground water recharge were 2,143 Mm³ and 357 Mm³ respectively.

3.2 Rainfall

Table 6.6 shows the amount of rainfall recorded around the island of Mauritius . During the year 2006, the mean amount of rainfall recorded around the island of Mauritius was 1,914 millimetres, a 19.3% decrease compared to 2,372 millimetres registered in 2005. The mean rainfall was highest during the month of March with 459 mm and the driest month, December, registered only 46 mm of rainfall.

In Rodrigues, the mean rainfall registered was 1,189 millimetres at Pointe Canon and 1,064 millimetres at Plaine Corail, Table 6.7.

3.3 Water storage level

In 2006, the minimum and maximum percentage water storage level of the different reservoirs were a follows:

Reservoir	Minimum (%)	Maximum (%)
Mare aux Vocoas	46	96
La Nicoliere	23	100
Piton du Milieu	54	100
La Ferme	15	100
Mare Longue	0	74
Midlands Dam	46	100

During the same period the mean water level for all reservoirs combined together (excluding Midlands Dam) varied from 45% to 95% (Table 6.8). It is to be noted that the mean water level is computed as the average level during a month, the normal is the longterm mean for 1990 to 1999.

3.4 Water production

In 2006 the total volume of potable water treated by the different treatment plants amounted to 187 million cubic metres (Mm³), a 4.1% decrease compared to 195 Mm³ in 2005. During the same year, average water production from surface and ground water represented 51.4% and 48.6% respectively (Table 6.9).

3.5 Water sales and revenue collectible

Total volume of water sold increased from 107.8 Mm³ in 2005 to 108.5 Mm³ in 2006 (+0.6%). In 2006, potable water made up 86.8% of the volume sold and the remaining 13.2% consisted of non-treated water. Water for domestic consumption amounted to 73.3 Mm³, accounting for nearly 67.5% of the total volume of water sold (Table 6.10).

The amount of revenue collectible for the year 2006 amounted to Rs 954.3 million, that is an increase of 2.1% over the amount of Rs 934.5 million for 2005 (Table 15).

* * * * *

Section I

Energy balance & Main indicators

Table 1.1 - Energy balance, 2006

		Tonne of oil equivalent (toe)												
Flow \ Source	Coal	Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Fuelwood	Charcoal	Hydro	Wind	Bagasse	Electricity	Total
Local production	-	-	-	-	-	-	-	7,966	-	6,591	35	240,026	-	254,617
Imports	304,001	95,990	330,767	245,404	6,267	292,215	63,463	-	-	-	-	-	-	1,338,107
Re-exports and bunkering	-	-	(123,536)	(104,034)	-	(57,021)	-	-	-	-	-	-	-	(284,592)
Stock change / Statistical error	(3,646)	256	22,554	5,326	(264)	38,059	4,488	-	-	-	-	-	-	66,774
Total Primary Energy Requirement	300,355	96,246	229,785	146,695	6,003	273,253	67,951	7,966	-	6,591	35	240,026	-	1,374,907
Public electricity generation plant	-	-	(2,556)	-	(1,921)	(217,479)	-	-	-	(6,591)	(35)	-	95,127	(133,456)
Autoproducer plants	(286,926)	-	-	-	-	-	-	-	-	-	-	(165,856)	106,992	(345,790)
Other transformation	-	-	-	-	-	-	-	(784)	382	-	-	-	-	(402)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	(3,631)	(3,631)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	(17,151)	(17,151)
Total Final Consumption	13,429	96,246	227,229	146,695	4,082	55,774	67,951	7,181	382	-	-	74,170	181,337	874,477
Manufacturing sector	13,429	-	50,261	-	-	55,774	4,282	542	-	-	-	74,170	72,343	270,800
Transport sector	-	96,246	174,658	146,695	-	-	7,438	-	-	-	-	-	-	425,038
Commercial and distributive trade sector	-	-	-	-	-	-	10,731	-	291	-	-	-	50,036	61,058
Residential sector	-	-	-	-	4,082	-	45,467	6,640	91	-	-	-	53,138	109,417
Agriculture	-	-	2,310	-	-	-	-	-	-	-	-	-	2,471	4,781
Other	-	-	-	-	-	-	33	-	-	-	-	-	3,350	3,383

Note: figures in brackets represent negative quantities

Table 1.2 - Energy balance¹, 2005

		Tonne of oil equivalent (toe)												
Flow \ Source	Coal	Gasolene	Diesel	Aviation Fuel	Kerosene	Fuel Oil	LPG	Fuelwood	Charcoal	Hydro	Wind	Bagasse	Electricity	Total
Local production	-	-	-	-	-	-	-	7,592	-	9,880	38	245,110	-	262,621
Imports	235,143	93,700	333,221	228,878	29,015	323,985	67,730	-	-	-	-	-	-	1,311,672
Re-exports and bunkering	-	-	(136,792)	(100,745)	-	(52,558)	-	-	-	-	-	-	-	(290,095)
Stock change / Statistical error	(9,564)	6,387	17,801	14,929	(419)	(18,163)	(2,008)	-	-	-	-	-	-	8,964
Total Primary Energy Requirement	225,579	100,087	214,230	143,062	28,596	253,263	65,722	7,592	-	9,880	38	245,110	-	1,293,160
Public electricity generation plant	-	-	(2,148)	-	(18,441)	(208,371)	-	-	-	(9,880)	(38)	-	104,021	(134,856)
Autoproducer plants	(211,219)	-	-	-	-	-	-	-	-	-	-	(168,919)	91,384	(288,753)
Other transformation	-	-	-	-	-	-	-	(775)	377	-	-	-	-	(398)
Own use	-	-	-	-	-	-	-	-	-	-	-	-	(4,035)	(4,035)
Losses	-	-	-	-	-	-	-	-	-	-	-	-	(19,038)	(19,038)
Total Final Consumption	14,360	100,087	212,082	143,062	10,156	44,892	65,722	6,817	377	-	-	76,192	172,332	846,080
Manufacturing sector	14,360	-	41,538	-	-	44,892	4,216	532	-	-	-	76,192	66,934	248,665
Transport sector	-	100,087	168,175	143,062	-	-	7,264	-	-	-	-	-	-	418,588
Commercial and distributive trade sector	-	-	-	-	-	-	7,544	-	281	-	-	-	47,851	55,676
Residential sector	-	-	-	-	10,156	-	46,662	6,285	96	-	-	-	52,244	115,444
Agriculture	-	-	2,368	-	-	-	-	-	-	-	-	-	2,328	4,697
Other	-	-	-	-	-	-	36	-	-	-	-	-	2,975	3,010

¹ Revised

Note: figures in brackets represent negative quantities

Table 1.3 - Main energy indicators, 1997 - 2006

Details	Unit	1997	1998	1999	2000	2001	2002	2003	2004	2005 ¹	2006 ²
Total primary energy requirement	ktoe	943.7	1,007.7	999.5	1,113.1	1,182.0	1,157.3	1,222.8	1,255.8	1,293.2	1,374.9
<i>Imported</i>	ktoe	647.3	707.2	778.9	849.0	901.2	898.8	956.3	980.1	1,030.5	1,120.3
<i>Local</i>	ktoe	296.4	300.5	220.6	264.1	280.9	258.6	266.5	275.7	262.6	254.6
Total primary energy requirement index (1990 = 100)		129.1	137.9	136.8	152.3	161.8	158.4	167.3	171.8	177.0	188.1
Annual increase	%	+3.7	+6.8	-0.8	+11.4	+6.2	-2.1	+5.7	+2.7	+3.0	+6.3
Import dependency	%	68.6	70.2	77.9	76.3	76.2	77.7	78.2	78.0	79.7	81.5
GDP in 1990 rupees	Rs. Million	56,285	59,662	61,332	66,607	70,071	71,542	74,618	78,872	79,818	82,931
GDP index (1990 = 100)		142.0	150.6	154.8	168.1	176.8	180.5	188.3	199.0	201.4	209.3
Energy intensity	toe per Rs.100,000 GDP	1.68	1.69	1.63	1.67	1.69	1.62	1.64	1.59	1.62	1.66
Mid-year population	thousand	1,148	1,160	1,175	1,187	1,200	1,210	1,223	1,233	1,243	1,253
Per capita primary energy requirement	toe	0.82	0.87	0.85	0.94	0.99	0.96	1.00	1.02	1.04	1.10
Per capita final energy consumption	toe	0.63	0.63	0.59	0.63	0.65	0.63	0.67	0.68	0.68	0.70
Per capita consumption of electricity sold	kWh	947	1,026	1,059	1,158	1,222	1,248	1,330	1,382	1,430	1,500

¹ Revised

² Provisional

Section II

Primary energy requirement

Table 2.1 - Primary energy requirement , 1997 - 2006

Energy source	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
	Physical unit (Thousand tonne/GWh)									
Imported										
Gasolene	87.7	88.6	89.5	92.0	87.7	87.5	89.2	90.4	92.7	89.1
Diesel Oil	145.5	155.1	165.0	189.4	188.7	196.8	208.8	213.8	212.1	227.5
Dual Purpose Kerosene	135.6	148.7	148.2	130.8	137.9	122.8	141.8	162.3	165.1	146.8
<i>Kerosene</i>	56.5	59.1	51.0	22.7	13.2	13.9	18.1	25.3	27.5	5.8
<i>Aviation Fuel</i>	79.0	89.5	97.1	108.1	124.7	109.0	123.6	137.0	137.6	141.1
Fuel Oil	202.2	221.5	239.6	224.5	246.0	241.1	260.1	269.9	263.8	284.6
LPG	39.1	40.4	43.4	46.3	47.1	48.6	51.7	54.9	60.9	62.9
Coal	45.7	70.7	136.6	253.0	299.2	312.8	316.2	289.3	363.8	484.4
Local										
Hydro/Wind	93	105	30	96	71	86	118	122.7	115.3	77.0
Bagasse ¹	1,741.0	1,767.0	1,314.4	1,553.3	1,671.5	1,524.4	1,557.0	1,611.2	1,531.9	1,500.2
Fuelwood ¹	25.8	23.2	20.2	19.3	19.3	19.2	19.1	19.3	20.0	21.0
	Energy unit (ktoe)									
Imported										
Gasolene	94.7	95.7	96.7	99.4	94.8	94.5	96.4	97.6	100.1	96.2
Diesel Oil	147.0	156.7	166.6	191.3	190.6	198.7	210.9	216.0	214.2	229.8
Dual Purpose Kerosene	141.0	154.6	154.1	136.0	143.4	127.7	147.4	168.8	171.7	152.7
<i>Kerosene</i>	58.8	61.5	53.1	23.6	13.8	14.4	18.9	26.3	28.6	6.0
<i>Aviation Fuel</i>	82.2	93.1	101.0	112.4	129.6	113.3	128.6	142.5	143.1	146.7
Fuel Oil	194.1	212.7	230.0	215.5	236.1	231.4	249.7	259.1	253.3	273.3
LPG	42.3	43.7	46.9	50.0	50.8	52.5	55.8	59.2	65.7	68.0
Sub total (Petroleum products)	619.0	663.3	694.2	692.2	715.7	704.8	760.2	800.7	805.0	819.9
Coal	28.3	43.9	84.7	156.9	185.5	193.9	196.0	179.4	225.6	300.4
Sub total (Imported)	647.3	707.2	778.9	849.0	901.2	898.8	956.3	980.1	1,030.5	1,120.3
Local										
Hydro / Wind	8.0	9.0	2.6	8.2	6.1	7.4	10.1	10.6	9.9	6.6
Bagasse ¹	278.6	282.7	210.3	248.5	267.4	243.9	249.1	257.8	245.1	240.0
Fuelwood ¹	9.8	8.8	7.7	7.3	7.3	7.3	7.3	7.3	7.6	8.0
Sub total (Local)	296.4	300.5	220.6	264.1	280.9	258.6	266.5	275.7	262.6	254.6
Total	943.7	1,007.7	999.5	1,113.1	1,182.0	1,157.3	1,222.8	1,255.8	1,293.2	1,374.9
	Percentage (%)									
Imported										
Gasolene	10.0	9.5	9.7	8.9	8.0	8.2	7.9	7.8	7.7	7.0
Diesel Oil	15.6	15.5	16.7	17.2	16.1	17.2	17.3	17.2	16.6	16.7
Dual Purpose Kerosene	14.9	15.3	15.4	12.2	12.1	11.0	12.1	13.4	13.3	11.1
<i>Kerosene</i>	6.2	6.1	5.3	2.1	1.2	1.2	1.5	2.1	2.2	0.4
<i>Aviation Fuel</i>	8.7	9.2	10.1	10.1	11.0	9.8	10.5	11.3	11.1	10.7
Fuel Oil	20.6	21.1	23.0	19.4	20.0	20.0	20.4	20.6	19.6	19.9
LPG	4.5	4.3	4.7	4.5	4.3	4.5	4.6	4.7	5.1	4.9
Sub total (Petroleum products)	65.6	65.8	69.5	62.2	60.5	60.9	62.2	63.8	62.2	59.6
Coal	3.0	4.4	8.5	14.1	15.7	16.8	16.0	14.3	17.4	21.8
Sub total (Imported)	68.6	70.2	77.9	76.3	76.2	77.7	78.2	78.0	79.7	81.5
Local										
Hydro/Wind	0.8	0.9	0.3	0.7	0.5	0.6	0.8	0.8	0.8	0.5
Bagasse ¹	29.5	28.1	21.0	22.3	22.6	21.1	20.4	20.5	19.0	17.5
Fuelwood ¹	1.0	0.9	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6
Sub total (Local)	31.4	29.8	22.1	23.7	23.8	22.3	21.8	22.0	20.3	18.5
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

¹ estimates

Fig 2.1 - Primary energy requirement by main energy sources, 1997 - 2006

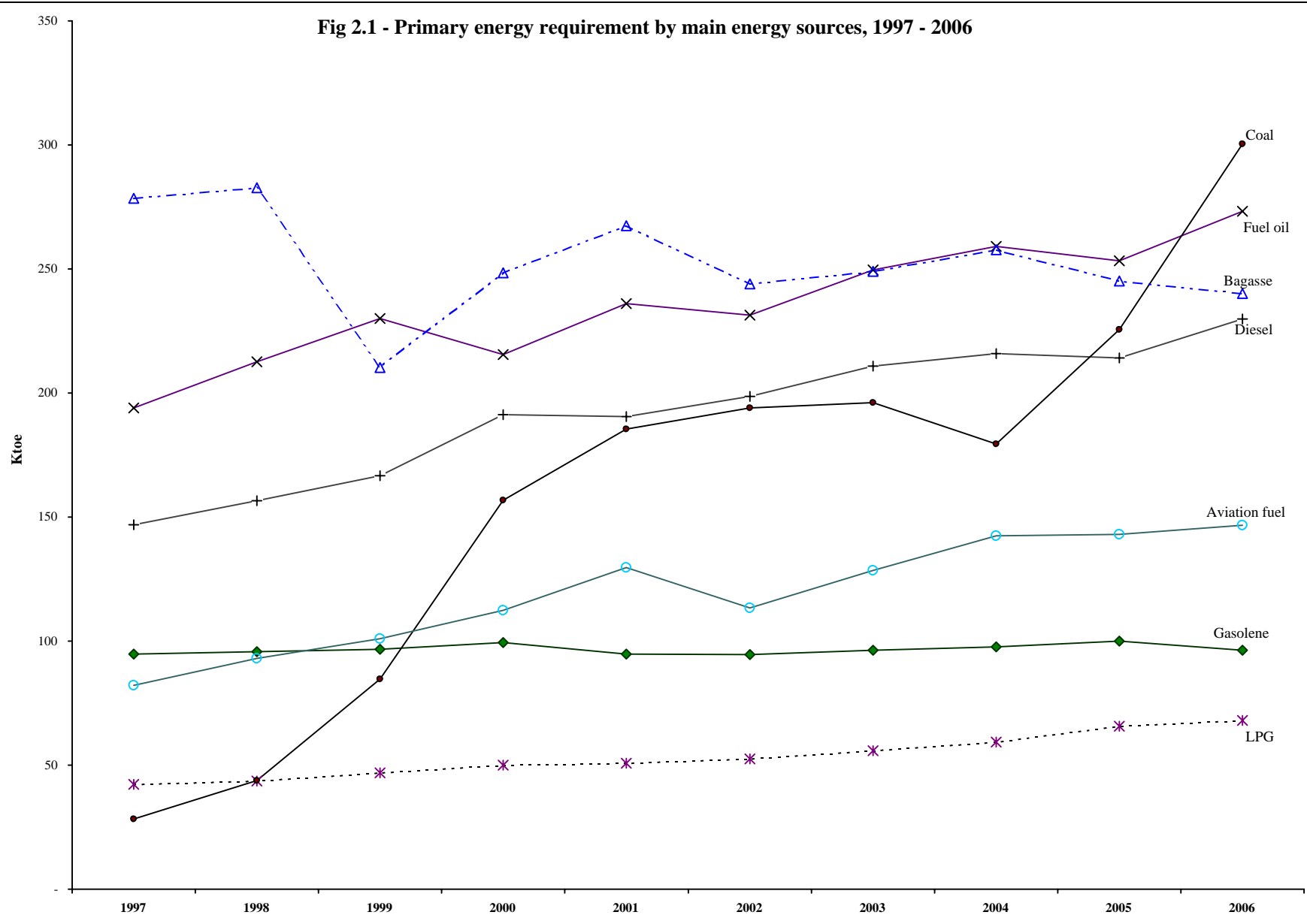


Table 2.2 - Imports of energy sources (Physical unit), 1997 - 2006

Energy source	Thousand tonne									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Gasolene	88.1	86.9	92.7	89.8	86.8	80.3	86.8	87.7	86.8	88.9
Diesel oil	256.0	282.7	295.6	339.7	338.0	346.4	309.2	319.7	329.9	327.5
Dual Purpose Kerosene	196.3	206.4	231.9	217.4	214.2	225.5	227.7	256.8	248.0	242.0
<i>Kerosene</i>	76.6	54.1	44.2	27.4	12.0	14.3	20.2	29.8	27.9	6.0
<i>Aviation Fuel</i>	119.7	152.3	187.7	190.0	202.2	211.1	207.5	227.0	220.1	236.0
Fuel oil	249.2	274.1	246.3	218.8	275.1	208.6	288.0	288.8	337.5	304.4
LPG	41.7	44.7	43.6	47.3	43.9	54.1	48.8	53.8	62.7	58.8
Coal	27.8	86.3	128.9	222.4	347.5	312.0	289.4	331.8	379.3	490.3

Table 2.3 - Imports of energy sources (Energy unit), 1997 - 2006

Energy source	ktoe									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Gasolene	95.1	93.8	100.2	97.0	93.7	86.7	93.7	94.7	93.7	96.0
Diesel oil	258.5	285.6	298.5	343.1	341.4	349.9	312.3	322.9	333.2	330.8
Dual Purpose Kerosene	204.1	214.7	241.2	226.1	222.7	234.5	236.8	267.1	257.9	251.7
<i>Kerosene</i>	79.6	56.3	45.9	28.4	12.5	14.9	21.0	31.0	29.0	6.3
<i>Aviation Fuel</i>	124.5	158.4	195.2	197.6	210.3	219.6	215.8	236.1	228.9	245.4
Fuel oil	239.2	263.2	236.4	210.0	264.1	200.2	276.5	277.3	324.0	292.2
LPG	45.0	48.2	47.1	51.1	47.4	58.4	52.7	58.1	67.7	63.5
Sub total (Petroleum products)	842.0	905.5	923.3	927.3	969.4	929.7	972.1	1,020.1	1,076.5	1,034.1
Coal	17.2	53.5	79.9	137.9	215.4	193.5	179.4	205.7	235.1	304.0
Total imports	859.2	959.0	1,003.2	1,065.2	1,184.8	1,123.2	1,151.5	1,225.8	1,311.7	1,338.1

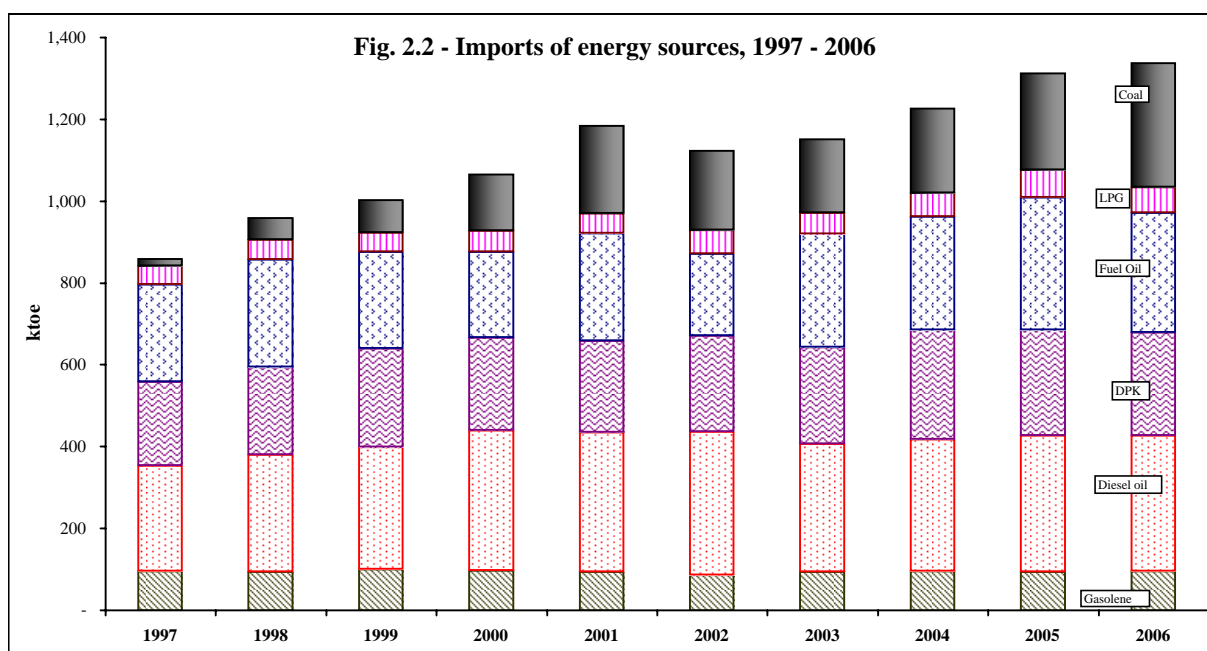


Table 2.4 - Imports of energy sources by country of origin (Physical unit), 1997 - 2006

	Tonne									
Country	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Gasolene	88,074	86,895	92,737	89,824	86,773	80,297	86,802	87,706	86,759	88,880
Bahrain	8,913	24,035	27,798	25,300	26,148	19,837	52,434	58,958	35,197	12,985
India	-	-	-	-	-	-	-	-	5,469	48,497
Kuwait	25,731	-	-	-	-	-	-	-	-	-
Reunion Island	-	-	-	-	-	-	-	-	2,013	-
Saudi Arabia	15,791	46,878	47,644	19,497	15,065	26,907	28,205	7,461	4,712	4,793
Singapore	-	-	-	-	3,074	-	-	-	4,413	-
South Africa	37,639	15,982	12,960	45,027	30,038	16,190	-	5,952	-	-
Tanzania	-	-	-	-	-	-	-	1,949	-	-
United Arab Emirates	-	-	-	-	12,448	17,363	6,163	13,386	34,955	22,605
Yemen	-	-	4,335	-	-	-	-	-	-	-
Diesel	255,956	282,737	295,551	339,671	338,044	346,401	309,215	319,732	329,922	327,492
Bahrain	29,019	78,893	90,841	105,408	62,967	87,179	160,788	142,140	139,997	14,525
India	-	-	-	-	-	-	22,848	35,208	37,934	187,927
Kuwait	46,948	-	-	-	-	-	-	21,898	-	-
Saudi Arabia	46,647	150,460	153,800	51,087	90,262	99,745	96,136	95,042	130,732	108,131
Singapore	-	-	-	-	20,777	-	-	-	15,378.00	-
South Africa	133,342	53,384	42,199	170,113	123,223	58,841	13,479	-	5,881	-
United Arab Emirates	-	-	-	13,063	40,815	100,636	6,884	25,444	-	16,909
Yemen	-	-	8,711	-	-	-	9,080	-	-	-
Kerosene (excl. jet fuel)	76,560	54,128	44,180	27,351	11,986	14,338	20,185	29,847	27,899	6,026
Bahrain	3,896	20,765	4,124	922	4,789	3,960	7,725	9,296	20,992	3,106
India	-	-	-	-	-	-	-	6,199	989	1,622
Kuwait	26,402	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	156
Saudi Arabia	13,643	27,193	37,222	1,154	3,290	3,721	7,980	12,576	4,129	1,142
Singapore	-	-	-	-	26	-	-	-	191	-
South Africa	32,619	6,170	2,834	25,275	3,699	2,477	2,521	-	-	-
Tanzania	-	-	-	-	-	-	-	89	1,598	-
United Arab Emirates	-	-	-	-	182	4,180	1,864	1,687	-	-
Yemen	-	-	-	-	-	-	95	-	-	-
Jet fuel type kerosene	119,692	152,308	187,697	190,018	202,187	211,127	207,511	226,995	220,075	235,965
Bahrain	11,074	36,476	63,251	66,643	44,066	37,996	119,280	165,036	125,946	37,767
India	-	-	-	-	-	-	-	14,407	16,962	109,056
Kuwait	17,348	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	12,734
Saudi Arabia	22,997	84,984	85,472	38,698	44,896	66,857	65,849	19,190	61,817	76,408
Singapore	-	-	-	-	5,158	-	-	-	11,807	-
South Africa	68,273	30,848	27,000	84,677	71,815	40,956	9,046	-	-	-
Tanzania	-	-	-	-	-	-	-	2,808	3,543	-
United Arab Emirates	-	-	-	-	36,252	65,318	7,160	25,554	-	-
Yemen	-	-	11,974	-	-	-	6,176	-	-	-
Fuel Oil	249,207	274,125	246,279	218,763	275,138	208,581	287,985	288,818	337,484	304,391
Bahrain	-	28,732	-	-	5,867	-	-	-	-	-
India	-	-	-	-	18,055	-	-	-	-	98,970
Iran	-	-	-	-	42,976	31,000	-	27,061	-	-
Kenya	-	11,584	44,168	-	-	-	-	-	-	-
Kuwait	49,108	-	-	-	-	-	-	-	-	-
Madagascar	153,944	174,599	117,521	117,116	98,076	40,587	199,830	103,974	-	-
Saudi Arabia	-	-	-	-	6,956	-	-	-	-	-
Singapore	-	-	-	-	-	23,827	-	-	-	-
South Africa	23,803	18,522	3,772	13,825	28,847	17,261	30,045	60,549	45,265	31,471
Tanzania	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	40,688	80,818	87,822	74,361	77,729	33,910	97,234	292,219	173,950
Ukraine	-	-	-	-	-	18,177	24,200	-	-	-
Other countries	22,352	-	-	-	-	-	-	-	-	-
LPG	40,025	43,324	43,544	47,314	43,888	54,060	48,822	53,780	62,713	58,762
Australia	-	-	-	-	-	-	-	-	-	6,191
Bahrain	-	-	-	-	-	-	-	9,528	8,936	-
France	829	2,704	-	-	-	4,842	2,724	-	-	-
Indonesia	2,257	3,054	3,146	197	-	-	-	1,943	3,654	-
Malaysia	-	1,659	2,157	1,821	7,126	9,281	10,550	17,259	42,115	29,660
Oman	-	-	-	-	-	-	-	-	-	12,915
Philippines	5,186	2,625	402	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	2,029	-	-	-	-
Singapore	11,035	5,983	6,715	4,944	2,091	15,793	22,217	3,322	-	-
South Africa	20,718	27,299	31,124	38,522	34,671	18,890	13,007	5,531	-	8,446
United Arab Emirates	-	-	-	1,830	-	-	-	13,727	6,159	1,550
Yemen	-	-	-	-	-	3,225	324	2,470	1,849	-
Other countries	1633	1351	-	30	-	1,874	2,693	-	-	-
Coal	27,782	86,343	128,871	222,423	347,462	312,031	289,373	331,826	379,263	490,324
Mozambique	-	53,627	25,748	36,943	-	157,645	113,669	164,909	168,282	80,723
South Africa	27,782	32,717	103,123	185,480	347,462	154,386	175,704	166,917	210,981	409,601

Table 2.5 - Imports value of energy sources by country of origin, 1997 - 2006

Country	Value (c.i.f.): Rs(000)									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Gasolene	410,552	356,322	475,173	744,311	646,125	605,654	748,509	1,030,619	1,452,772	1,877,318
Bahrain	47,439	102,814	167,006	215,549	203,232	164,003	439,731	686,478	526,795	301,504
India	-	-	-	-	-	-	-	-	82,960	1,023,652
Kuwait	111,754	-	-	-	-	-	-	-	-	-
Reunion Island	-	-	-	-	-	-	-	-	25,040	-
Saudi Arabia	78,961	191,194	223,102	177,034	110,845	222,842	258,132	89,363	104,960	82,715
Singapore	-	-	-	-	26,345	-	-	-	94,674	-
South Africa	172,398	62,313	70,677	351,728	218,891	89,057	-	48,099	-	-
Tanzania	-	-	-	-	-	-	-	26,860	-	469,447
United Arab Emirates	-	-	-	-	86,812	129,752	50,647	179,819	618,343	-
Yemen	-	-	14,388	-	-	-	-	-	-	-
Diesel	1,003,872	808,284	1,114,019	2,166,701	2,046,171	2,223,576	2,206,920	3,101,533	4,833,411	6,351,020
Bahrain	111,765	217,560	377,663	661,929	392,692	617,939	1,148,753	1,388,045	2,029,459	225,438
India	-	-	-	-	-	-	196,298	430,416	542,554	3,722,366
Kuwait	191,273	-	-	-	-	-	-	188,187	-	-
Saudi Arabia	185,469	428,385	542,322	352,594	580,062	667,094	662,637	798,739	1,928,116	2,103,149
Singapore	-	-	-	-	131,704	-	-	-	265,007	-
South Africa	515,365	162,340	172,026	1,092,232	710,386	298,879	96,965	-	68,275	-
United Arab Emirates	-	-	-	59,945	231,327	639,664	46,240	296,146	-	300,066
Yemen	-	-	22,008	-	-	-	56,027	-	-	-
Kerosene (excl. jet fuel)	338,428	186,890	178,500	205,854	84,912	102,760	168,548	321,443	456,826	123,881
Bahrain	16,643	74,348	22,318	7,376	34,503	32,509	65,965	95,272	339,893	61,107
India	-	-	-	-	-	-	-	85,338	14,218	36,158
Kuwait	115,723	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	3,026
Saudi Arabia	60,588	92,513	140,819	10,320	25,560	27,076	69,549	118,225	78,877	23,591
Singapore	-	-	-	-	185	-	-	-	3,695	-
South Africa	145,474	20,029	15,362	188,158	23,874	14,204	19,807	-	-	-
Tanzania	-	-	-	-	-	-	-	1,186	20,142	-
United Arab Emirates	-	-	-	-	790	28,971	12,628	21,422	-	-
Yemen	-	-	-	-	-	-	599	-	-	-
Jet fuel type kerosene	502,221	513,571	819,982	1,349,534	1,335,866	1,460,996	1,588,451	2,451,264	3,621,568	4,937,243
Bahrain	47,057	135,915	311,847	459,620	309,308	283,167	915,616	1,734,016	2,017,560	745,384
India	-	-	-	-	-	-	-	195,789	255,521	2,364,752
Kuwait	76,875	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	246,974
Saudi Arabia	94,333	280,356	347,040	301,037	314,388	506,813	514,338	164,799	1,075,386	1,580,134
Singapore	-	-	-	-	36,621	-	-	-	228,443	-
South Africa	283,956	97,300	125,447	588,877	451,940	235,954	71,072	-	-	-
Tanzania	-	-	-	-	-	-	-	37,414	44,658	-
United Arab Emirates	-	-	-	-	223,609	435,062	48,505	319,246	-	-
Yemen	-	-	35,649	-	-	-	38,920	-	-	-
Fuel Oil	587,266	568,421	717,704	964,288	1,213,934	1,067,208	1,452,876	1,621,612	2,810,517	3,331,425
Bahrain	-	67,417	-	-	25,204	-	-	-	-	-
India	-	-	-	-	70,227	-	-	-	-	1,007,673
Iran	-	-	-	-	183,394	147,318	-	169,758	-	-
Kenya	-	24,615	125,087	-	-	-	-	-	-	-
Kuwait	111,442	-	-	-	-	-	-	-	-	-
Madagascar	360,166	364,899	311,355	499,540	430,723	196,684	995,205	533,680	-	-
Saudi Arabia	-	-	-	-	37,743	-	-	-	-	-
Singapore	-	-	-	-	-	115,267	-	-	-	-
South Africa	63,790	34,693	14,865	58,133	126,509	85,306	155,703	319,129	422,635	327,479
Tanzania	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	76,797	266,398	406,615	340,134	423,173	178,095	599,045	2,387,883	1,996,272
Ukraine	-	-	-	-	-	99,460	123,874	-	-	-
Other countries	51,868	-	-	-	-	-	-	-	-	-
LPG	339,170	323,436	377,853	510,470	517,009	514,691	492,218	639,389	1,047,388	1,246,411
Australia	-	-	-	-	-	-	-	-	-	132,400
Bahrain	-	-	-	-	-	-	-	116,753	138,513	-
France	7,821	18,305	-	-	-	43,961	24,209	-	-	-
Indonesia	18,938	20,235	27,351	2,675	-	-	-	20,416	55,155	-
Malaysia	-	12,721	22,203	20,428	83,650	89,409	106,065	202,200	728,873	625,405
Oman	-	-	-	-	-	-	-	-	-	274,834
Philippines	39,574	17,733	5,017	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	17,677	-	-	-	-
Singapore	92,526	42,956	51,035	56,369	25,037	157,050	217,298	42,408	-	-
South Africa	164,748	199,901	272,246	411,296	408,322	170,911	140,889	78,942	-	183,519
United Arab Emirates	-	-	-	19,230	-	-	-	151,845	95,634	30,252
Yemen	-	-	-	-	-	35,683	3,756	26,825	29,213	-
Other countries	15,563	11,584	-	471	-	19,761	25,980	-	-	-
Coal	31,017	114,427	112,089	195,037	390,951	342,748	307,849	519,674	766,654	954,265
Mozambique	-	74,877	21,880	29,877	-	171,803	115,227	289,483	346,844	141,251
South Africa	31,017	39,550	90,209	165,159	390,951	170,945	192,623	230,191	419,810	813,014
All energy sources	3,212,525	2,871,350	3,795,713	6,136,195	6,234,968	6,317,633	6,965,371	9,685,533	14,989,136	18,821,562

Table 2.6 - Re-exports of energy sources to foreign aircraft and bunkers, 1997 - 2006

Energy re-exported	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
	<i>Thousand tonne</i>									
Aviation fuel for foreign aircraft	54.0	53.1	78.3	87.5	76.0	92.8	88.7	88.4	96.9	100.0
Diesel oil	104.8	127.3	122.1	160.0	156.7	138.5	97.7	105.2	135.4	122.3
Fuel oil	25.7	35.3	46.9	57.6	44.0	26.7	34.8	40.1	54.7	59.4
	<i>Ktoe</i>									
Aviation fuel for foreign aircraft	56.2	55.3	81.4	91.0	79.0	96.5	92.3	91.9	100.7	104.0
Diesel oil	105.9	128.6	123.3	161.6	158.3	139.9	98.6	106.2	136.8	123.5
Fuel oil	24.7	33.9	45.1	55.3	42.2	25.6	33.4	38.5	52.6	57.0
Total	186.7	217.8	249.8	307.9	279.5	262.1	224.3	236.7	290.1	284.6

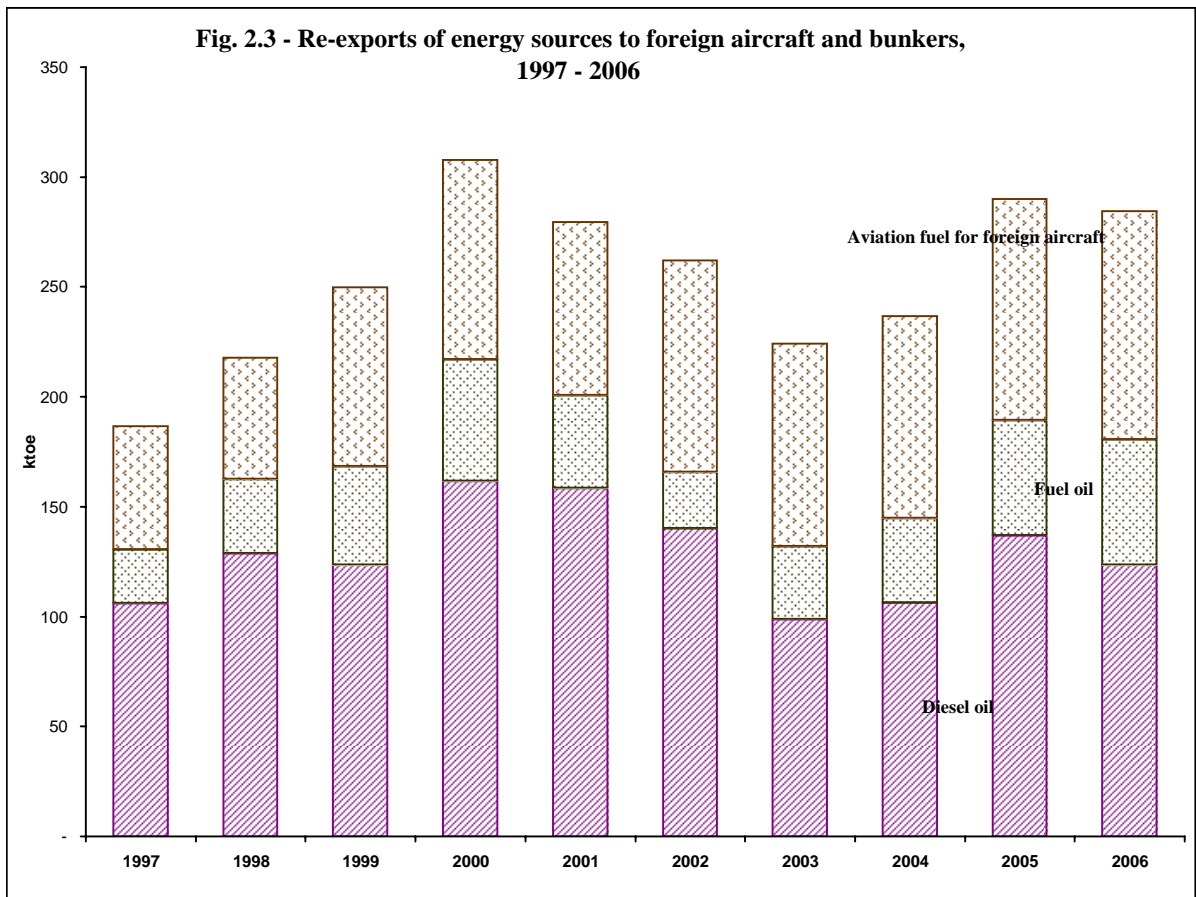
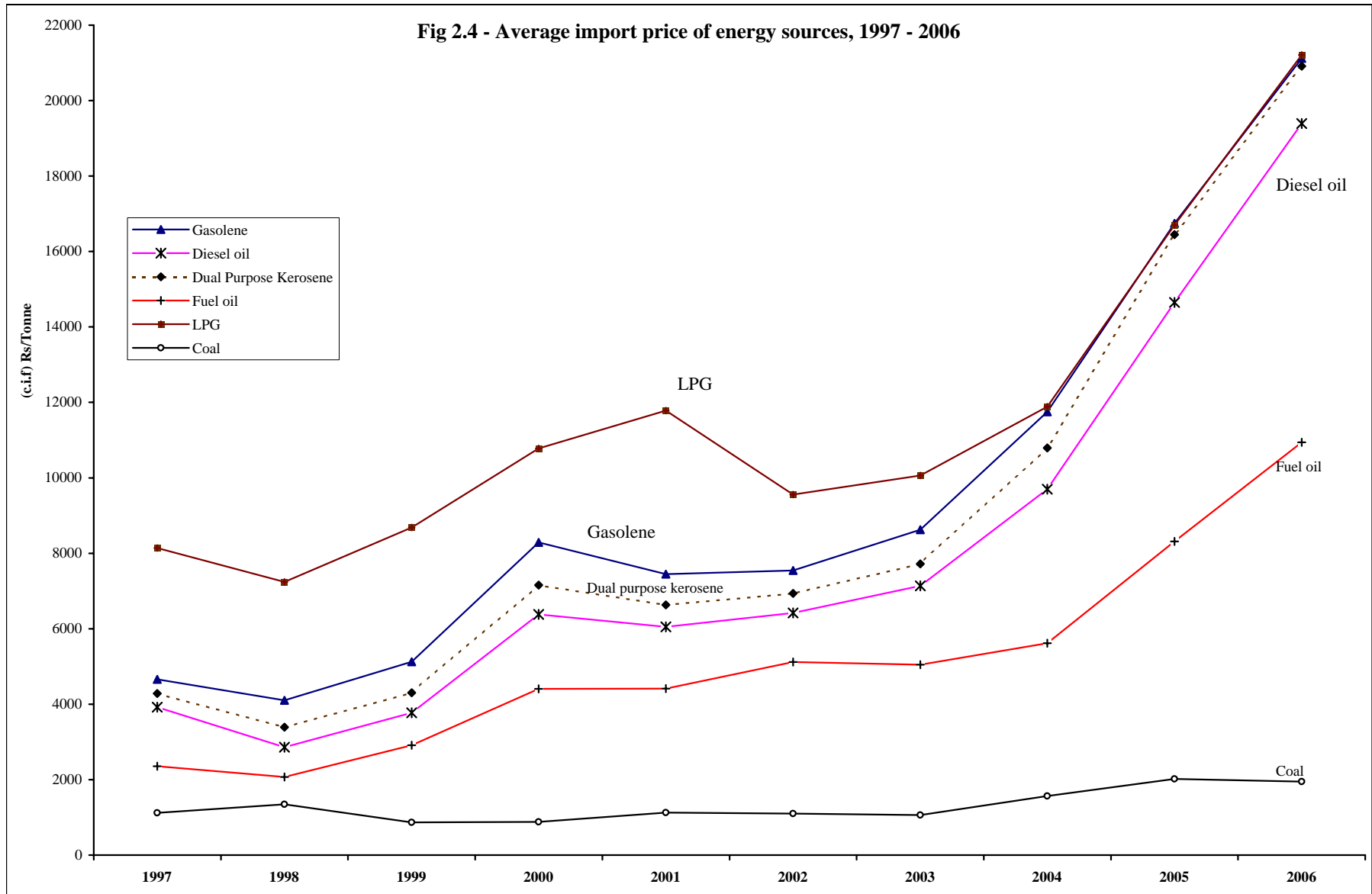


Table 2.7 Average import price of energy sources by country of origin , 1997 - 2006

	Rs/tonne									
Country	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Gasolene	4,661	4,101	5,124	8,286	7,446	7,543	8,623	11,751	16,745	21,122
Bahrain	5,322	4,278	6,008	8,520	7,772	8,268	8,386	11,644	14,967	23,219
India	-	-	-	-	-	-	-	-	15,169	21,108
Kuwait	4,343	-	-	-	-	-	-	-	-	-
Reunion Island	-	-	-	-	-	-	-	-	12,439	-
Saudi Arabia	5,000	4,079	4,683	9,080	7,358	8,282	9,152	11,977	22,275	17,258
Singapore	-	-	-	-	8,570	-	-	-	21,453	-
South Africa	4,580	3,899	5,453	7,811	7,287	5,501	-	8,081	-	-
Tanzania	-	-	-	-	-	-	-	13,782	-	-
United Arab Emirates	-	-	-	-	6,974	7,473	8,218	13,433	17,690	20,767
Yemen	-	-	3,319	-	-	-	-	-	-	-
Diesel	3,922	2,859	3,769	6,379	6,053	6,419	7,137	9,700	14,650	19,393
Bahrain	3,851	2,758	4,157	6,280	6,236	7,088	7,145	9,765	14,496	15,521
India	-	-	-	-	-	-	8,591	12,225	14,303	19,808
Kuwait	4,074	-	-	-	-	-	-	8,594	-	-
Saudi Arabia	3,976	2,847	3,526	6,902	6,426	6,688	6,893	8,404	14,749	19,450
Singapore	-	-	-	-	6,339	-	-	-	17,233	-
South Africa	3,865	3,041	4,077	6,421	5,765	5,079	7,194	-	11,609	-
United Arab Emirates	-	-	-	4,589	5,668	6,356	6,717	11,639	-	17,746
Yemen	-	-	2,526	-	-	-	6,170	-	-	-
Kerosene (excl. jet fuel)	4,420	3,453	4,040	7,526	7,084	7,167	8,350	10,770	16,374	20,558
Bahrain	4,272	3,580	5,412	8,000	7,205	8,209	8,539	10,249	16,192	19,674
India	-	-	-	-	-	-	-	13,766	14,377	22,292
Kuwait	4,383	-	-	-	-	-	-	-	-	-
Quatar	-	-	-	-	-	-	-	-	-	19,395
Saudi Arabia	4,441	3,402	3,783	8,942	7,769	7,277	8,715	9,401	19,103	20,657
Singapore	-	-	-	-	7,115	-	-	-	19,348	-
South Africa	4,460	3,246	5,421	7,444	6,454	5,734	7,857	-	-	-
Tanzania	-	-	-	-	-	-	-	13,324	12,604	-
United Arab Emirates	-	-	-	-	4,341	6,931	6,774	12,698	-	-
Yemen	-	-	-	-	-	-	6,302	-	-	-
Jet fuel type kerosene	4,196	3,372	4,369	7,102	6,607	6,920	7,655	10,799	16,456	20,924
Bahrain	4,249	3,726	4,930	6,897	7,019	7,453	7,676	10,507	16,019	19,736
India	-	-	-	-	-	-	-	13,590	15,064	21,684
Kuwait	4,431	-	-	-	-	-	-	-	-	-
Quatar	-	-	-	-	-	-	-	-	-	19,395
Saudi Arabia	4,102	3,299	4,060	7,779	7,003	7,581	7,811	8,588	17,396	20,680
Singapore	-	-	-	-	7,100	-	-	-	19,348	-
South Africa	4,159	3,154	4,646	6,954	6,293	5,761	7,857	-	-	-
Tanzania	-	-	-	-	-	-	-	13,324	12,604	-
United Arab Emirates	-	-	-	-	6,168	6,661	6,774	12,493	-	-
Yemen	-	-	2,977	-	-	-	6,302	-	-	-
Fuel Oil	2,357	2,074	2,914	4,408	4,412	5,117	5,045	5,615	8,328	10,945
Bahrain	-	2,346	-	-	4,296	-	-	-	-	-
India	-	-	-	-	3,890	-	-	-	-	10,182
Iran	-	-	-	-	4,267	4,752	-	6,273	-	-
Kenya	-	2,125	2,832	-	-	-	-	-	-	-
Kuwait	2,269	-	-	-	-	-	-	-	-	-
Madagascar	2,340	2,090	2,649	4,265	4,392	4,846	4,980	5,133	-	-
Saudi Arabia	-	-	-	-	5,426	-	-	-	-	-
Singapore	-	-	-	-	-	4,838	-	-	-	-
South Africa	2,680	1,873	3,941	4,205	4,386	4,942	5,182	5,271	9,337	10,406
Tanzania	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	1,887	3,296	4,630	4,574	5,444	5,252	6,161	8,172	11,476
Ukraine	-	-	-	-	-	5,472	5,119	-	-	-
Other countries	2,321	-	-	-	-	-	-	-	-	-
LPG	8,140	7,240	8,677	10,789	11,780	9,521	10,082	11,889	16,701	21,211
Australia	-	-	-	-	-	-	-	-	-	21,386
Bahrain	-	-	-	-	-	-	-	12,254	15,501	-
France	9,434	6,770	-	-	-	9,079	8,887	-	-	-
Indonesia	8,391	6,626	8,693	13,577	-	-	-	10,507	15,094	-
Malaysia	-	7,668	10,294	11,218	11,739	9,634	10,054	11,716	17,307	21,086
Oman	-	-	-	-	-	-	-	-	-	21,280
Philippines	7,631	6,755	12,478	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	8,712	-	-	-	-
Singapore	8,385	7,180	7,600	11,402	11,974	9,944	9,781	12,766	-	-
South Africa	7,952	7,323	8,747	10,677	11,777	9,048	10,832	14,273	-	21,729
United Arab Emirates	-	-	-	10,508	-	-	-	11,062	15,528	19,518
Yemen	-	-	-	-	-	11,064	11,597	10,860	15,799	-
Other countries	9,528	8,574	-	15,649	-	10,545	9,647	-	-	-
Coal	1,116	1,325	870	877	1,125	1,098	1,064	1,566	2,021	1,946
Mozambique	-	1,396	850	809	-	1,090	1,014	1,755	2,061	1,750
South Africa	1,116	1,209	875	890	1,125	1,107	1,096	1,379	1,990	1,985

Fig 2.4 - Average import price of energy sources, 1997 - 2006



Section III

Transformation of energy

Table 3.1 - Plant capacity, peak demand, electricity generation and sales, 1997 - 2006

Year	Plant capacity (MW)				Peak Demand		Electricity generated (GWh)					Sales (GWh)
	Installed		Effective		(MW)		Hydro	Wind	Thermal	Total	Available for sales	
	Isl. of Mtius	Rod.	Isl. of Mtius	Rod.	Isl. of Mtius	Rod.						
1997	401.7 ¹	5.0	370.0 ¹	4.4	238.1	3.2	93.2	0.0	1,305.0	1,398.2	1,266.9	1,087.3
1998	480.4 ¹	6.0	396.7 ¹	5.4	248.9	3.5	104.7	-	1,434.2	1,538.9	1,381.7	1,190.3
1999	522.3 ¹	6.0	425.7 ¹	5.4	265.8	3.8	30.0	-	1,554.8	1,584.8	1,440.7	1,244.1
2000	654.8	6.0	571.8	5.4	283.9	3.8	95.7	-	1,681.9	1,777.5	1,584.5	1,374.0
2001	654.8	6.0	573.8	5.6	297.4	4.2	70.8	-	1,840.0	1,910.8	1,677.7	1,466.7
2002	650.9	6.0	569.7	5.4	308.6	4.4	85.9	-	1,863.0	1,948.9	1,737.6	1,509.8
2003	644.8	6.0	568.3	5.4	323.8	4.8	117.8	-	1,963.7	2,081.5	1,864.4	1,626.9
2004	644.5	10.0	549.9	9.0	332.6	5.6	122.3	0.4	2,042.5	2,165.2	1,950.4	1,703.9
2005 ²	678.9	10.0	577.9	9.4	353.1	6.0	114.9	0.4	2,156.8	2,272.1	2,044.9	1,777.5
2006 ³	700.7	10.0	609.4	9.4	367.3	5.7	76.6	0.4	2,273.2	2,350.2	2,121.9	1,879.8

¹ Excludes plant capacity for electricity not exported to CEB, figures available as from 2000

² revised

³ Provisional

Source: Central Electricity Board and Annual Sugar Industry Energy Survey

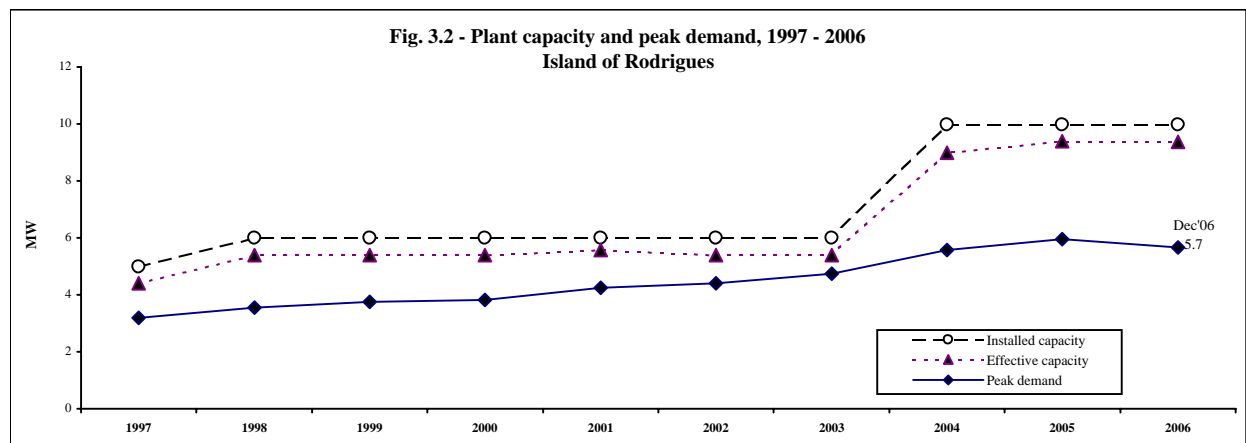
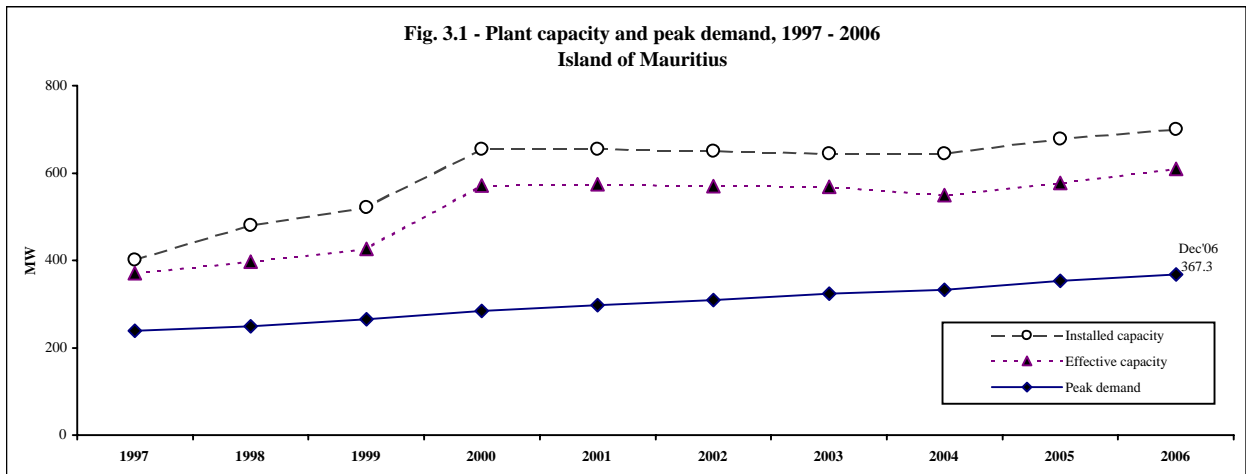


Table 3.2 - Plant capacity, 2006

MW

Central Electricity Board (CEB)			Independent Power Producers (IPP)		
	Plant capacity			Plant capacity	
	Installed	Effective		Installed	Effective
Hydro:			Thermal:		
Champagne	30.0	28.0	<u>Firm producers¹</u>	170.7	150.5
Ferney	10.0	10.0	F.U.E.L.	36.7	33.0
Tamarind Falls	11.1	7.0	Compagnie thermique de Belle Vue	70.0	62.0
Le Val	4.0	4.0	Consolidated energy limited	28.4	25.5
Reduit	1.2	1.0	Compagnie thermique du Sud	35.6	30.0
Cascade Cecile	1.0	1.0			
Magenta	0.9	0.9			
La Ferme	1.2	1.2			
Total	59.4	53.1			
Wind:			<u>Continuous producers²</u>	97.8	83.4
Island of Rodrigues	0.2	0.2	Savannah	15.6	13.8
Thermal:			Medine	13.0	13.0
<u>Island of Mauritius</u>	372.8	322.4	Mon Desert Alma	13.8	13.0
St Louis	113.2	77.4	Mon Loisir	14.0	13.6
Fort Victoria	43.6	32.0	Mon Tresor Mon Desert	18.0	10.0
Nicolay	78.0	76.0	Riche en Eau	11.2	10.0
Fort George	138.0	137.0	Union St. Aubin	12.2	10.0
<u>Island of Rodrigues</u>	9.8	9.2			
Total	382.6	331.6			
Total	442.2	384.9	Total	244.3	210.0
Total plant capacity			Installed	Effective	
1. Island of Mauritius			700.7	609.4	
<i>CEB</i>			432.2	375.5	
<i>IPP</i>			268.5	233.9	
<i>of which: involved in export to CEB</i>			247.7	177.5	
2. Island of Rodrigues (CEB)			10.0	9.4	
Total			710.7	618.8	

¹ Producing electricity **all year** round with bagasse/coal² Producing electricity with bagasse **only** during crop season

Source: Central Electricity Board & Annual Sugar Industry Energy Survey

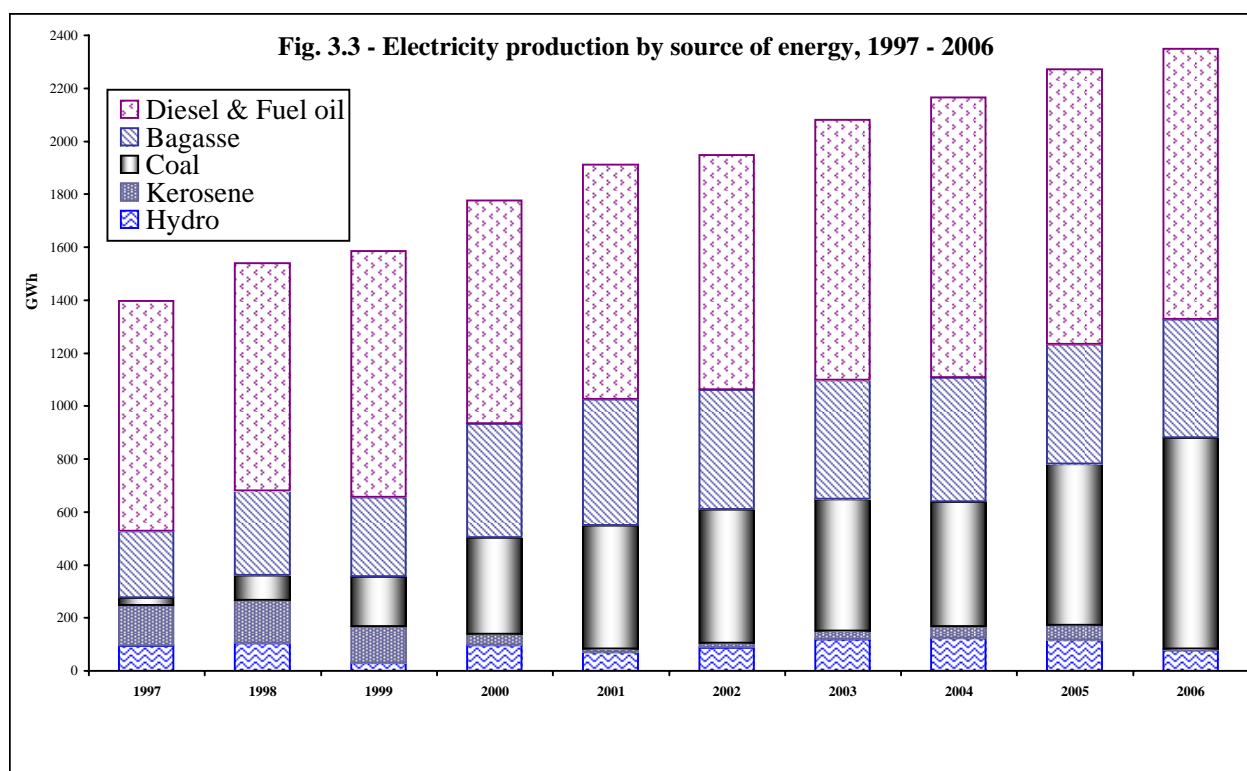


Table 3.5 - Generation of electricity by CEB and IPP, 1997-2006

Power station	GWh									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
CEB	1,118.6	1,124.8	1,096.9	983.3	967.5	991.0	1,134.9	1,225.3	1,209.5	1,106.1
Hydro	92.2	103.9	29.5	95.3	70.4	85.6	117.7	122.3	114.9	76.6
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4
<i>Island of Rodrigues</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4
Thermal	1,026.4	1,020.8	1,067.4	888.1	897.1	905.4	1,017.2	1,102.6	1,094.2	1,029.1
<i>Island of Mauritius</i>	1,011.3	1,003.9	1,049.3	868.5	876.5	882.8	992.8	1,075.8	1,064.6	998.7
<i>Island of Rodrigues</i>	15.1	16.9	18.1	19.6	20.6	22.6	24.4	26.8	29.6	30.3
IPP	279.6	414.2	487.9	794.2	943.3	957.9	946.6	939.9	1,062.6	1,244.1
Hydro	1.0	0.8	0.5	0.4	0.4	0.3	0.1	0.0	0.0	0.0
<i>Of which : exported to CEB</i>	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thermal ¹	278.6	413.4	487.4	793.8	942.9	957.6	946.5	939.9	1,062.6	1,244.1
<i>Of which : exported to CEB</i>	148.0	256.7	343.7	601.2	710.2	746.7	729.4	725.1	835.4	1,015.7
Coal (<i>Firm producers</i> ²)	23.4	62.4	155.2	322.7	413.7	447.6	433.4	407.2	533.8	719.5
Bagasse	124.6	194.3	188.5	278.5	296.5	299.1	296.1	317.9	301.6	296.2
<i>Firm producers</i> ²	66.1	81.8	110.8	167.0	182.8	171.1	176.2	191.0	185.0	182.6
<i>Continuous producers</i> ³	58.5	112.5	77.8	111.5	113.7	128.0	119.9	127.0	116.6	113.6
Total	1,398.2	1,538.9	1,584.8	1,777.5	1,910.8	1,948.9	2,081.5	2,165.2	2,272.1	2,350.2
Island of Mauritius										
CEB	1,103.5	1,107.8	1,078.8	963.7	946.9	968.4	1,110.5	1,198.1	1,179.5	1,075.4
IPP export to CEB	148.3	256.9	343.8	601.2	710.2	746.7	729.4	725.1	835.4	1,015.7
Total available for sales	1,251.7	1,364.8	1,422.6	1,564.9	1,657.1	1,715.1	1,840.0	1,923.2	2,014.9	2,091.1

¹ Estimates

² Producing electricity **all year round** with bagasse/coal

³ Producing electricity with bagasse **only** during crop season

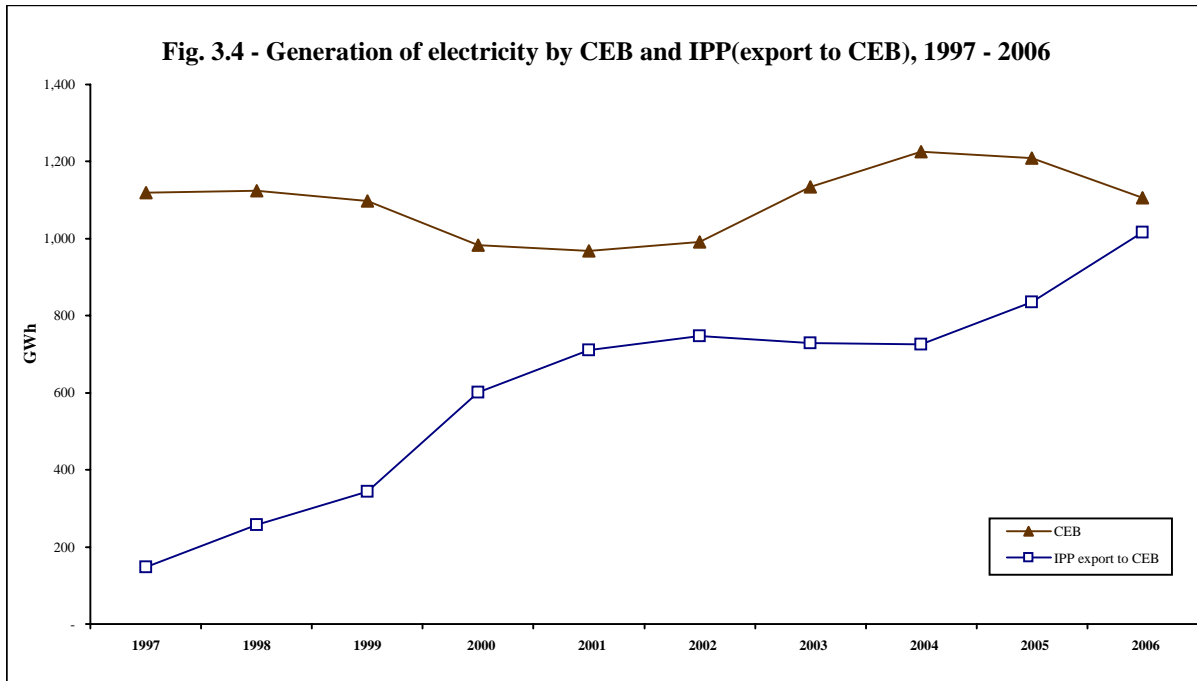


Table 3.6 - Percentage share of electricity generated by CEB and IPP, 1997 - 2006

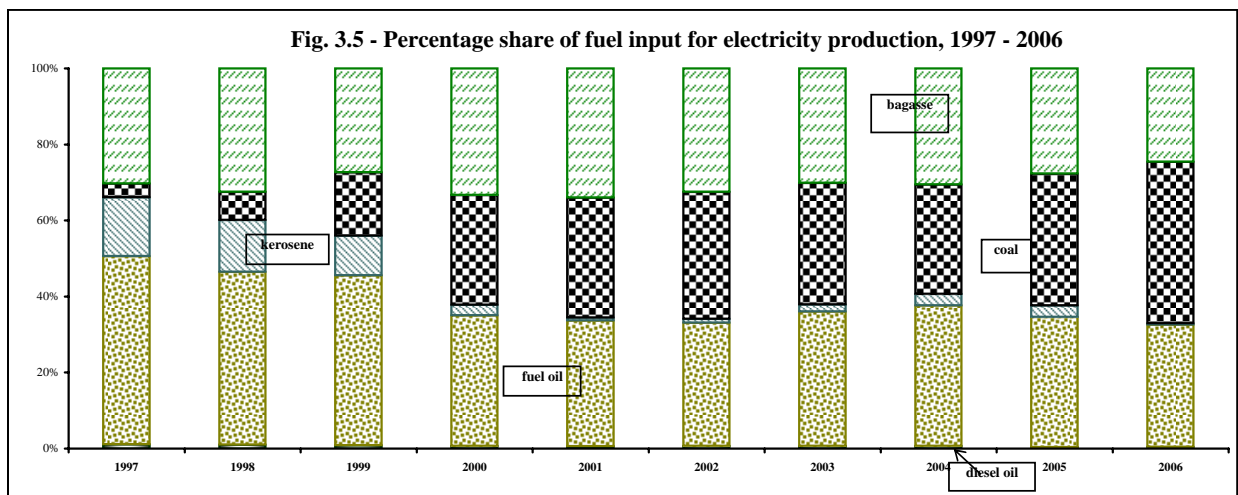
	%									
Power station	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
CEB	80.0	73.1	69.2	55.3	50.6	50.8	54.5	56.6	53.2	47.1
Hydro	6.6	6.8	1.9	5.4	3.7	4.4	5.7	5.6	5.1	3.3
Wind	0.0	-	-	-	-	-	-	0.0	0.0	0.0
<i>Island of Rodrigues</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thermal	73.4	66.3	67.4	50.0	46.9	46.5	48.9	50.9	48.2	43.8
<i>Island of Mauritius</i>	72.3	65.2	66.2	48.9	45.9	45.3	47.7	49.7	46.9	42.5
<i>Island of Rodrigues</i>	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3
IPP	20.0	26.9	30.8	44.7	49.4	49.2	45.5	43.4	46.8	52.9
Hydro	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Of which : exported to CEB</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thermal	19.9	26.9	30.8	44.7	49.3	49.1	45.5	43.4	46.8	52.9
<i>Of which : exported to CEB</i>	10.6	16.7	21.7	33.8	37.2	38.3	35.0	33.5	36.8	43.2
Coal (<i>Firm producers</i> ¹)	1.7	4.1	9.8	18.2	21.6	23.0	20.8	18.8	23.5	30.6
Bagasse	8.9	12.6	11.9	15.7	15.5	15.3	14.2	14.7	13.3	12.6
<i>Firm producers</i> ¹	4.73	5.3	7.0	9.4	9.6	8.8	8.5	8.8	8.1	7.8
<i>Continuous producers</i> ²	4.19	7.3	4.9	6.3	5.9	6.6	5.8	5.9	5.1	4.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Island of Mauritius										
CEB	88.2	81.2	75.8	61.6	57.1	56.5	60.4	62.3	58.5	51.4
IPP export to CEB	11.8	18.8	24.2	38.4	42.9	43.5	39.6	37.7	41.5	48.6
Total available for sales	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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, 1997 - 2006

Fuel	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Tonne										
Island of Mauritius										
Fuel oil	160,798	176,006	190,683	171,343	181,009	174,945	200,067	215,290	210,144	219,969
Diesel oil	2,299	2,529	3,064	2,822	2,553	2,771	2,423	2,335	1,909	2,232
Kerosene	46,993	49,676	41,948	13,081	3,760	5,443	9,864	16,555	17,731	1,848
Coal	18,430	45,035	112,123	228,520	273,376	286,886	287,176	265,128	340,675	462,784
Bagasse ¹	597,200	766,400	714,000	1,021,500	1,142,500	1,081,661	1,046,794	1,092,823	1,055,742	1,036,598
Island of Rodrigues										
Fuel oil ²	1,860	2,726	3,740	4,172	4,328	4,671	4,392	4,777	6,909	6,572
Diesel oil ²	1,130	1,223	440	542	585	710	1,472	1,633	217	299
Ktoe										
Island of Mauritius										
Fuel oil	154.4	169.0	183.1	164.5	173.8	167.9	192.1	206.7	201.7	211.2
Diesel oil	2.3	2.6	3.1	2.9	2.6	2.8	2.4	2.4	1.9	2.3
Kerosene	48.9	51.7	43.6	13.6	3.9	5.7	10.3	17.2	18.4	1.9
Coal	11.4	27.9	69.5	141.7	169.5	177.9	178.0	164.4	211.2	286.9
Bagasse ¹	95.6	122.6	114.2	163.4	182.8	173.1	167.5	174.9	168.9	165.9
Sub total	312.5	373.7	413.5	486.1	532.6	527.3	550.3	565.5	602.2	668.1
Island of Rodrigues										
Fuel oil ²	1.8	2.6	3.6	4.0	4.2	4.5	4.2	4.6	6.6	6.3
Diesel oil ²	1.1	1.2	0.4	0.5	0.6	0.7	1.5	1.6	0.2	0.3
Sub total	2.9	3.9	4.0	4.6	4.7	5.2	5.7	6.2	6.9	6.6
Total	315.5	377.6	417.6	490.6	537.3	532.5	556.0	571.7	609.1	674.7
Percentage										
Island of Mauritius										
Fuel oil	48.9	44.7	43.8	33.5	32.3	31.5	34.5	36.2	33.1	31.3
Diesel oil	0.7	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.3
Kerosene	15.5	13.7	10.4	2.8	0.7	1.1	1.8	3.0	3.0	0.3
Coal	3.6	7.4	16.6	28.9	31.5	33.4	32.0	28.8	34.7	42.5
Bagasse ¹	30.3	32.5	27.4	33.3	34.0	32.5	30.1	30.6	27.7	24.6
Sub total	99.1	99.0	99.0	99.1	99.1	99.0	99.0	98.9	98.9	99.0
Island of Rodrigues										
Fuel oil ²	0.6	0.7	0.9	0.8	0.8	0.8	0.8	0.8	1.1	0.9
Diesel oil ²	0.4	0.3	0.1	0.1	0.1	0.1	0.3	0.3	0.0	0.0
Sub total	0.9	1.0	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

¹ Estimates² Figures for 1997 are estimates

Section IV

Final energy consumption

Table 4.1 - Final energy consumption by sector (Energy unit), 1997 - 2006

ktoe

Sector	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
1. Manufacturing	311.8	299.3	240.2	249.9	262.4	249.2	262.3	259.3	248.7	270.8
2. Transport	291.4	309.2	326.0	355.9	372.3	364.1	390.2	408.7	418.6	425.0
3. Household	86.9	89.8	92.0	99.2	101.8	102.8	107.0	111.0	115.4	109.4
4. Commercial and Distributive Trade	29.1	32.3	34.1	36.9	40.8	41.7	47.7	51.5	55.7	61.1
5. Agriculture	3.9	4.4	4.3	4.8	4.8	4.8	4.8	4.4	4.7	4.8
6. Other (n.e.s) and losses	1.5	1.6	1.8	2.0	2.3	2.4	2.9	3.2	3.0	3.4
TOTAL	724.5	736.6	698.3	748.6	784.4	765.0	814.9	838.1	846.1	874.5

¹ Estimate**Table 4.2 - Percentage share of final energy consumption by sector, 1997 - 2006**

%

Sector	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
1. Manufacturing	43.0	40.6	34.4	33.4	33.5	32.6	32.2	30.9	29.4	31.0
2. Transport	40.2	42.0	46.7	47.5	47.5	47.6	47.9	48.8	49.5	48.6
3. Household	12.0	12.2	13.2	13.3	13.0	13.4	13.1	13.2	13.6	12.5
4. Commercial and Distributive Trade	4.0	4.4	4.9	4.9	5.2	5.5	5.9	6.1	6.6	7.0
5. Agriculture	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5
6. Other (n.e.s) and losses	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

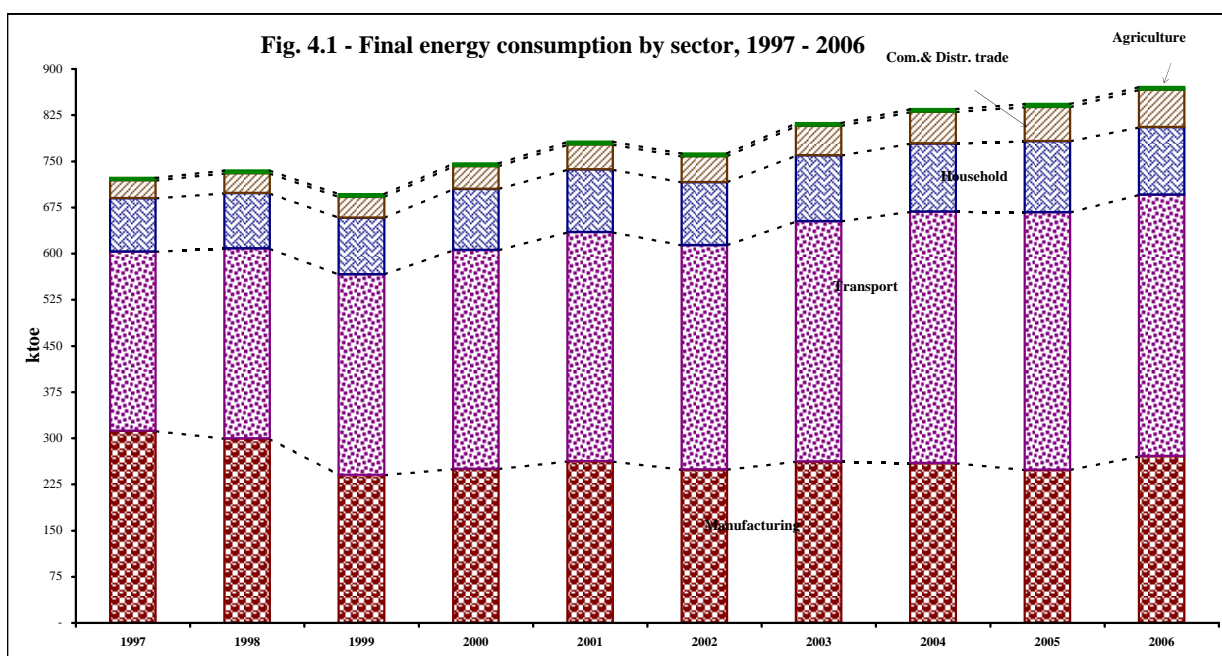


Table 4.3 - Final energy consumption by sector and type of fuel (Physical unit), 1997 - 2006

Sector	Unit	1997	1998	1999	2000	2001	2002	2003	2004	2005 ¹	2006 ²
1. Manufacturing											
1.1 excluding bagasse											
Fuel oil	tonne	39,518	42,774	45,150	49,000	60,630	61,439	55,615	49,857	46,763	58,098
Diesel oil	tonne	26,622	30,233	32,650	41,600	37,533	37,409	41,273	43,372	41,127	49,763
LPG	tonne	3,179	3,276	3,600	3,689	3,650	3,502	2,964	2,756	3,904	3,965
Coal	tonne	27,242	25,713	24,490	24,464	25,781	25,888	29,000	24,220	23,162	21,660
Fuelwood ¹	tonne	2,500	2,000	1,800	1,500	1,500	1,450	1,430	1,415	1,400	1,425
Electricity	GWh	496.1	551.3	558.8	651.6	711.4	711.7	742.2	768.9	778.3	841.2
1.2 bagasse¹	tonne	1,143,800	1,000,600	600,400	531,800	529,000	442,722	510,246	518,379	476,198	463,563
2. Transport											
Gasolene	tonne	87,671	88,592	89,500	92,000	87,749	87,507	89,242	90,350	92,673	89,117
LPG	tonne	-	263.51	485.00	633.00	820	1,216	2,223	2,691	6,726	6,887
Diesel oil	tonne	113,361	118,934	126,500	142,000	145,555	153,437	161,267	164,120	166,510	172,929
Jet fuel for local aircraft	tonne	79,025	89,537	97,126	108,082	124,652	108,972	123,627	137,002	137,560	141,053
3. Household											
Kerosene	tonne	9,533	9,472	9,100	9,600	9,480	8,409	8,265	8,726	9,765	3,925
LPG	tonne	32,313	32,837	34,700	37,710	37,850	39,023	40,559	42,856	43,206	42,099
Fuelwood ³	tonne	20,900	19,000	16,400	16,000	15,900	15,850	15,780	15,940	16,540	17,473
Charcoal ³	tonne	300	250	200	150	150	130	125	120	130	123
Electricity	GWh	394.9	431.2	449.6	491.9	522.8	532.5	564.6	575.0	607.5	617.9
4. Commercial and Distributive Trade											
LPG	tonne	3,650	4,000	4,500	4,150	4,450	4,559	5,749	6,372	6,985	9,936
Charcoal ³	tonne	300	300	300	300	330	340	350	360	380	393
Electricity	GWh	290.3	322.3	337.4	374.8	415.5	424.9	479.3	516.2	556.4	582
5. Agriculture											
Diesel oil ³	tonne	2,100	2,200	2,300	2,400	2,460	2,430	2,410	2,375	2,345	2,287
Electricity	GWh	20.5	25.3	22.5	27.2	26.8	27.5	27.0	23.8	27.1	28.7

¹ Revised

² provisional

³ Estimates

Table 4.4 - Final energy consumption by sector and type of fuel (Energy unit), 1997 - 2006

	ktoe									
Sector	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
1. Manufacturing	311.8	299.3	240.2	249.9	262.4	249.2	262.3	259.3	248.7	270.8
1.1 excluding bagasse	128.8	139.2	144.1	164.8	177.8	178.4	180.6	176.3	172.5	196.6
Fuel oil	37.9	41.1	43.3	47.0	58.2	59.0	53.4	47.9	44.9	55.8
Diesel oil	26.9	30.5	33.0	42.0	37.9	37.8	41.7	43.8	41.5	50.3
LPG	3.4	3.5	3.9	4.0	3.9	3.8	3.2	3.0	4.2	4.3
Coal	16.9	15.9	15.2	15.2	16.0	16.1	18.0	15.0	14.4	13.4
Fuelwood ¹	1.0	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5
Electricity	42.7	47.4	48.0	56.0	61.2	61.2	63.8	66.1	66.9	72.3
1.2 bagasse ¹	183.0	160.1	96.1	85.1	84.6	70.8	81.6	82.9	76.2	74.2
2. Transport	291.4	309.2	326.0	355.9	372.3	364.1	390.2	408.7	418.6	425.0
Gasolene	94.7	95.7	96.7	99.4	94.8	94.5	96.4	97.6	100.1	96.2
LPG	-	0.3	0.5	0.7	0.9	1.3	2.4	2.9	7.3	7.4
Diesel oil	114.5	120.1	127.8	143.4	147.0	155.0	162.9	165.8	168.2	174.7
Jet fuel for local aircraft	82.2	93.1	101.0	112.4	129.6	113.3	128.6	142.5	143.1	146.7
3. Household	86.9	89.8	92.0	99.2	101.8	102.8	107.0	111.0	115.4	109.4
Kerosene	9.9	9.9	9.5	10.0	9.9	8.7	8.6	9.1	10.2	4.1
LPG	34.9	35.5	37.5	40.7	40.9	42.1	43.8	46.3	46.7	45.5
Fuelwood ¹	7.9	7.2	6.2	6.1	6.0	6.0	6.0	6.1	6.3	6.6
Charcoal ¹	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	34.0	37.1	38.7	42.3	45.0	45.8	48.6	49.5	52.2	53.1
4. Commercial and Distributive Trade	29.1	32.3	34.1	36.9	40.8	41.7	47.7	51.5	55.7	61.1
LPG	3.9	4.3	4.9	4.5	4.8	4.9	6.2	6.9	7.5	10.7
Charcoal ¹	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
Electricity	25.0	27.7	29.0	32.2	35.7	36.5	41.2	44.4	47.9	50.0
5. Agriculture	3.9	4.4	4.3	4.8	4.8	4.8	4.8	4.4	4.7	4.8
Diesel oil ¹	2.1	2.2	2.3	2.4	2.5	2.5	2.4	2.4	2.4	2.3
Electricity	1.8	2.2	1.9	2.3	2.3	2.4	2.3	2.0	2.3	2.5
6. Other (n.e.s) and losses	1.5	1.6	1.8	2.0	2.3	2.4	2.9	3.2	3.0	3.4
TOTAL	724.5	736.6	698.3	748.6	784.4	765.0	814.9	838.1	846.1	874.5

¹ Estimates

Table 4.5 - Percentage share of final energy consumption (ktoe) by sector and type of fuel, 1997 - 2006

	%									
Sector	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
1. Manufacturing	42.4	40.2	34.4	33.4	33.5	32.6	32.2	30.9	29.4	31.0
1.1 Excluding bagasse	17.8	18.5	20.6	22.0	22.7	23.3	22.2	21.0	20.4	22.5
Fuel oil	4.1	4.3	6.2	6.3	7.4	7.7	6.6	5.7	5.3	6.4
Diesel oil	2.9	3.2	4.7	5.6	4.8	4.9	5.1	5.2	4.9	5.7
LPG	0.4	0.4	0.6	0.5	0.5	0.5	0.4	0.4	0.5	0.5
Coal	1.8	1.7	2.2	2.0	2.0	2.1	2.2	1.8	1.7	1.5
Fuelwood	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	8.6	9.0	6.9	7.5	7.8	8.0	7.8	7.9	7.9	8.3
1.2 Bagasse	24.6	21.6	13.8	11.4	10.8	9.3	10.0	9.9	9.0	8.5
2. Transport	31.1	32.1	46.7	47.5	47.5	47.6	47.9	48.8	49.5	48.6
Gasolene	10.1	9.9	13.8	13.3	12.1	12.4	11.8	11.6	11.8	11.0
LPG	-	0.04	0.08	0.09	0.1	0.2	0.3	0.3	0.9	0.9
Diesel oil	12.2	12.5	18.3	19.2	18.7	20.3	20.0	19.8	19.9	20.0
Jet fuel for local aircraft	8.8	9.7	14.5	15.0	16.5	14.8	15.8	17.0	16.9	16.8
3. Household	14.4	14.9	13.2	13.3	13.0	13.4	13.1	13.2	13.6	12.5
Kerosene	1.1	1.0	1.4	1.3	1.3	1.1	1.1	1.1	1.2	0.5
LPG	3.7	3.7	5.4	5.4	5.2	5.5	5.4	5.5	5.5	5.2
Fuelwood	1.1	1.0	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.8
Charcoal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	9.3	9.8	5.5	5.6	5.7	6.0	6.0	5.9	6.2	6.1
4. Commercial and Distributive Trade	7.3	7.8	4.9	4.9	5.2	5.5	5.9	6.1	6.6	7.0
LPG	0.4	0.4	0.7	0.6	0.6	0.6	0.8	0.8	0.9	1.2
Charcoal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	6.8	7.4	4.2	4.3	4.6	4.8	5.1	5.3	5.7	5.7
5. Agriculture	0.7	0.8	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5
Diesel oil	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Electricity	0.5	0.6	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3
6. Other (n.e.s) and losses	4.0	4.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 4.6 - Final energy consumption by energy source, 1997 - 2006

Energy source		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
	Unit	Physical unit									
Gasolene	Thousand tonnes	87.7	88.6	89.5	92.0	87.7	87.5	89.2	90.4	92.7	89.1
Diesel Oil	"	142.1	151.4	161.5	186.0	185.5	193.3	205.0	209.9	210.0	225.0
Kerosene	"	9.5	9.5	9.1	9.6	9.5	8.4	8.3	8.7	9.8	3.9
Jet fuel for local aircraft	"	79.0	89.5	97.1	108.1	124.7	109.0	123.6	137.0	137.6	141.1
Fuel Oil	"	39.5	42.8	45.2	49.0	60.6	61.4	55.6	49.9	46.8	58.1
LPG	"	39.1	40.4	43.3	46.2	47.1	48.3	51.7	54.9	60.9	62.9
Coal	"	27.2	25.7	24.5	24.5	25.8	25.9	29.0	24.2	23.2	21.7
Electricity	GWh	1,218.7	1,347.5	1,388.2	1,567.0	1,699.8	1,721.1	1,844.1	1,918.8	2,004.7	2,108.2
Bagasse ¹	Thousand tonnes	1,143.8	1,000.6	600.4	531.8	529.0	442.7	510.2	518.4	476.2	463.6
Fuelwood ¹	"	23.4	21.0	18.2	17.5	17.4	17.3	17.2	17.4	17.9	18.9
Charcoal ¹	"	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
		Energy unit									
Gasolene	ktoe	94.7	95.7	96.7	99.4	94.8	94.5	96.4	97.6	100.1	96.2
Diesel Oil	"	143.5	152.9	163.1	187.9	187.4	195.2	207.0	212.0	212.1	227.2
Kerosene	"	9.9	9.9	9.5	10.0	9.9	8.7	8.6	9.1	10.2	4.1
Jet fuel for local aircraft	"	82.2	93.1	101.0	112.4	129.6	113.3	128.6	142.5	143.1	146.7
Fuel Oil	"	37.9	41.1	43.3	47.0	58.2	59.0	53.4	47.9	44.9	55.8
LPG	"	42.3	43.7	46.9	50.0	50.8	52.5	55.8	59.2	65.7	68.0
Coal	"	16.9	15.9	15.2	15.2	16.0	16.1	18.0	15.0	14.4	13.4
Electricity	"	104.8	115.9	119.4	134.8	146.2	148.0	158.6	165.0	172.3	181.3
Bagasse	"	183.0	160.1	96.1	85.1	84.6	70.8	81.6	82.9	76.2	74.2
Fuelwood	"	8.9	8.0	6.9	6.7	6.6	6.6	6.5	6.6	6.8	7.2
Charcoal	"	0.4	0.4	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.4
Total	"	724.5	736.6	698.3	749.0	784.5	765.0	814.9	838.1	846.1	874.5
		Share									
Gasolene	%	13.1	13.0	13.8	13.3	12.1	12.4	11.8	11.6	11.8	11.0
Diesel Oil	"	19.8	20.8	23.4	25.1	23.9	25.5	25.4	25.3	25.1	26.0
Kerosene	"	1.4	1.3	1.4	1.3	1.3	1.1	1.1	1.1	1.2	0.5
Jet fuel for local aircraft	"	11.3	12.6	14.5	15.0	16.5	14.8	15.8	17.0	16.9	16.8
Fuel Oil	"	5.2	5.6	6.2	6.3	7.4	7.7	6.6	5.7	5.3	6.4
LPG	"	5.8	5.9	6.7	6.7	6.5	6.9	6.9	7.1	7.8	7.8
Coal	"	2.3	2.2	2.2	2.0	2.0	2.1	2.2	1.8	1.7	1.5
Electricity	"	14.5	15.7	17.1	18.0	18.6	19.3	19.5	19.7	20.4	20.7
Bagasse	"	25.3	21.7	13.8	11.4	10.8	9.3	10.0	9.9	9.0	8.5
Fuelwood	"	1.2	1.1	1.0	0.9	0.8	0.9	0.8	0.8	0.8	0.8
Charcoal	"	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	"	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

¹ estimates

Fig 4.2 - Final energy consumption by main energy sources, 1997 - 2006

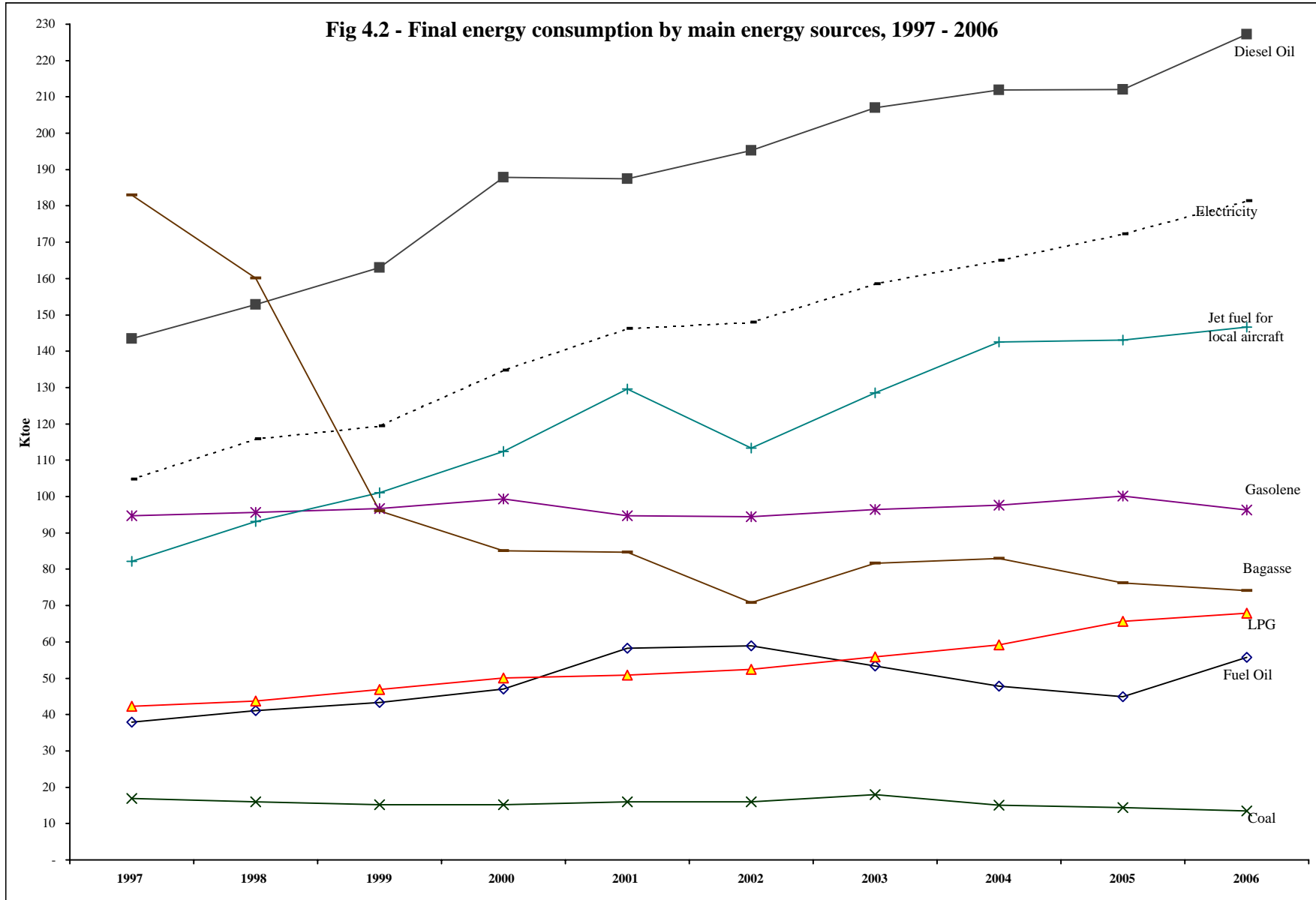


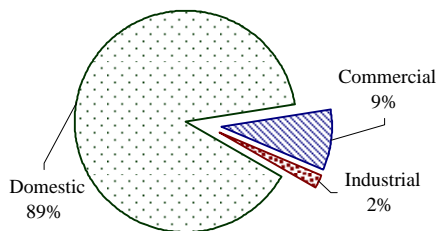
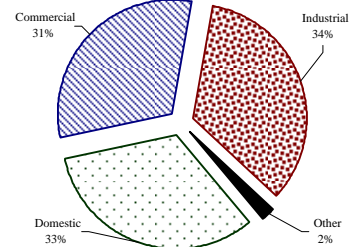
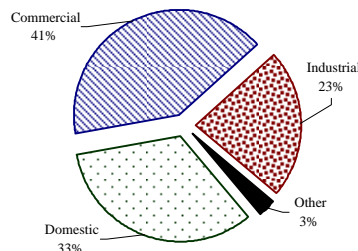
Table 4.7 - Sales of electricity by type of tariff, 1997 - 2006 (Republic of Mauritius)

Tariff group	1997	1998	1999	2000	2001	2002	2003	2004	2005 ¹	2006 ²
Number of consumers										
Domestic	261,204	269,981	279,432	288,520	297,051	303,620	311,523	319,425	328,726	335,816
Commercial	25,027	25,758	26,642	27,831	28,594	29,030	29,779	30,541	31,891	33,089
Industrial	6,701	6,854	7,090	7,008	7,084	7,164	7,218	7,205	7,316	7,364
Other	252	258	281	293	299	311	328	335	338	349
Total	293,184	302,851	313,445	323,652	333,028	340,125	348,848	357,506	368,271	376,618
GWh sold										
Domestic	394.9	431.2	449.6	491.9	522.8	532.5	564.6	575.0	607.5	617.9
Commercial	290.3	322.3	337.4	374.8	415.5	424.9	479.3	516.2	556.4	581.8
Industrial	385.3	419.5	437.2	485.8	505.0	527.9	552.0	577.9	578.1	641.6
Other	16.8	17.3	19.9	21.4	23.3	24.4	31.0	34.8	35.4	38.5
Total	1,087.4	1,190.3	1,244.1	1,374.0	1,466.65	1,509.8	1,626.9	1,703.9	1,777.5	1,879.8
Value sold (Rs.mn)										
Domestic	865.1	951.1	959.5	1,156.3	1,473.4	1,649.8	1,783.6	1,855.7	2,031.8	2,263.7
Commercial	769.6	810.8	823.8	1,038.5	1,411.4	1,707.7	1,928.6	2,091.6	2,312.4	2,778.7
Industrial	710.0	735.1	789.4	909.8	1,002.3	1,120.0	1,176.0	1,253.2	1,268.3	1,532.3
Other	50.8	52.3	56.9	66.3	83.7	104.5	134.6	151.6	159.2	194.2
Total	2,395.6	2,549.4	2,629.5	3,171.0	3,970.79	4,582.0	5,022.8	5,352.1	5,771.7	6,769.0
Average sales price (Rs./kWh)										
Domestic	2.19	2.21	2.13	2.35	2.82	3.10	3.16	3.23	3.34	3.66
Commercial	2.65	2.52	2.44	2.77	3.40	4.02	4.02	4.05	4.16	4.78
Industrial	1.84	1.75	1.81	1.87	1.98	2.12	2.13	2.17	2.19	2.39
Other	3.02	3.02	2.85	3.09	3.60	4.28	4.34	4.35	4.49	5.04
Total	2.20	2.14	2.11	2.31	2.71	3.03	3.09	3.14	3.25	3.60
Average no. of units per consumer (kWh)										
Domestic	1,512	1,597	1,609	1,705	1,760	1,754	1,812	1,800	1,848	1,840
Commercial	11,598	12,513	12,663	13,469	14,533	14,637	16,094	16,903	17,447	17,583
Industrial	57,505	61,202	61,668	69,320	71,290	73,695	76,476	80,204	79,022	87,123
Other	66,748	67,171	70,916	73,163	77,896	78,497	94,594	104,005	104,843	110,409
Total	3,709	3,930	3,969	4,245	4,404	4,439	4,664	4,766	4,827	4,991

1 Revised

2 Provisional

Source: Central Electricity Board

Fig. 4.3 - Percentage distribution of electricity consumers by type of tariff, 2006**Fig. 4.4 - Percentage share of electricity consumed by type of tariff, 2006****Fig. 4.5 - Percentage share of sales value of electricity by type of tariff, 2006**

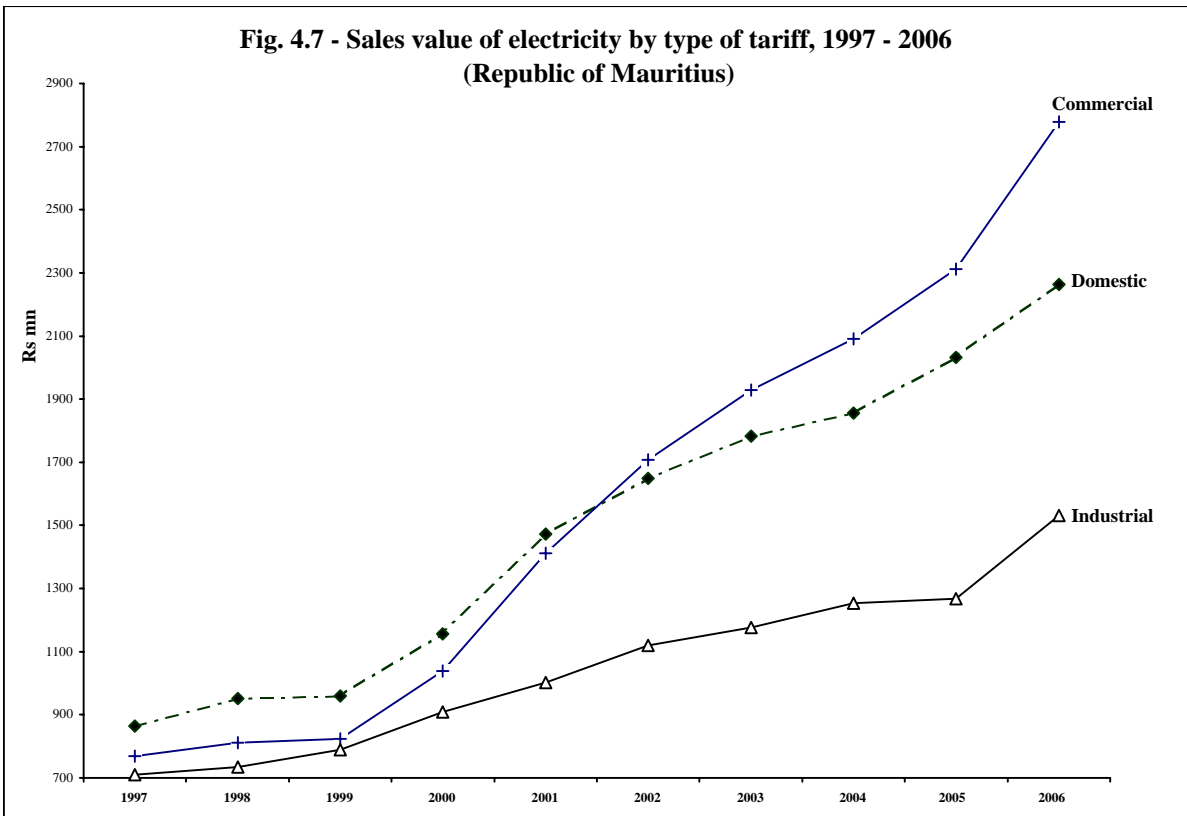
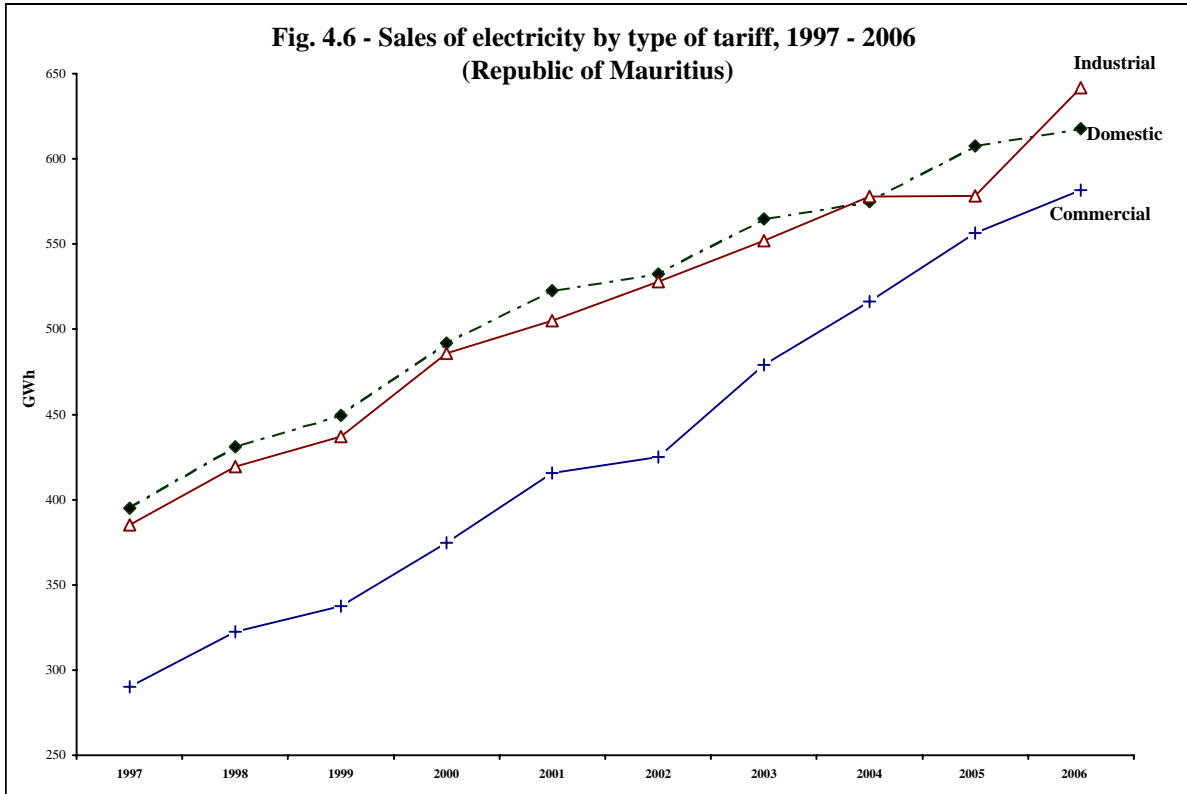


Table 4.8 - Sales of electricity by type of tariff, 1997 - 2006 (Island of Mauritius)

Tariff group	1997	1998	1999	2000	2001	2002	2003	2004	2005 ¹	2006 ²
Number of consumers										
Domestic	253,518	261,971	271,061	279,886	288,324	294,666	302,387	310,078	319,075	325,830
Commercial	24,216	24,914	25,730	26,915	27,655	28,054	28,797	29,552	30,866	32,060
Industrial	6,596	6,751	6,981	6,879	6,941	6,980	7,057	7,032	7,132	7,176
<i>General</i>	6,308	6,342	6,419	6,531	6,624	6,662	6,681	6,629	6,710	6,729
<i>Irrigation</i>	288	409	562	348	317	318	376	403	422	447
Other	246	251	257	283	293	305	322	328	331	342
Total	276,178	284,576	293,887	304,029	313,963	323,213	330,005	338,563	357,404	365,408
GWh sold										
Domestic	387.4	422.7	440.3	482.1	512.0	521.1	552.6	562.4	593.2	603.4
Commercial	287.1	318.6	333.5	370.7	411.0	419.7	473.0	509.2	548.2	574.1
Industrial	383.8	417.8	435.5	484.5	503.8	526.7	550.6	576.0	575.8	639.7
<i>General</i>	363.2	392.5	413.1	457.3	477.1	499.2	523.7	552.4	549.1	611.0
<i>Irrigation</i>	20.5	25.3	22.5	27.2	26.7	27.4	26.9	23.7	26.8	28.7
Other	16.8	17.3	19.9	21.2	23.1	24.2	30.8	34.5	35.0	38.0
<i>Street Lighting</i>	14.7	15.0	17.6	19.2	20.9	21.8	27.6	30.6	31.6	32.6
<i>Temporary</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.4
<i>CEB</i>	2.0	2.2	2.2	1.9	2.0	2.2	3.0	3.8	3.0	4.9
Total	1,075.1	1,176.4	1,229.3	1,358.5	1,449.8	1,491.7	1,607.0	1,682.0	1,752.2	1,855.1
Value sold (Rs.mn)										
Domestic	849.4	933.1	939.5	1,134.0	1,445.6	1,617.3	1,749.2	1,817.5	1,986.4	2,215.0
Commercial	760.3	799.7	811.9	1,024.8	1,393.0	1,683.1	1,899.3	2,057.5	2,272.1	2,736.0
Industrial	706.4	731.3	785.6	906.6	999.0	1,116.5	1,171.9	1,248.3	1,262.0	1,526.4
<i>General</i>	677.6	688.5	724.9	868.8	960.7	1,071.9	1,128.1	1,208.8	1,216.1	1,472.5
<i>Irrigation</i>	28.8	42.8	60.7	37.8	38.3	44.6	43.8	39.5	45.9	54.0
Other	50.7	52.3	56.8	65.7	82.9	103.5	133.5	150.0	157.0	191.4
Total	2,366.8	2,516.4	2,593.8	3,131.1	3,920.6	4,520.3	4,953.9	5,273.3	5,677.6	6,668.8
Average sales price (Rs./kWh)										
Domestic	2.19	2.21	2.13	2.35	2.82	3.10	3.17	3.23	3.35	3.67
Commercial	2.65	2.51	2.43	2.76	3.39	4.01	4.02	4.04	4.14	4.77
Industrial	1.84	1.75	1.80	1.87	1.98	2.12	2.13	2.17	2.19	2.39
<i>General</i>	1.87	1.75	1.75	1.90	2.01	2.15	2.15	2.19	2.21	2.41
<i>Irrigation</i>	1.40	1.69	2.70	1.39	1.43	1.62	1.63	1.67	1.72	1.88
Other	3.02	3.02	2.85	3.10	3.60	4.28	4.34	4.35	4.49	5.04
All tariff	2.20	2.14	2.11	2.30	2.70	3.03	3.08	3.14	3.24	3.59
Average no. of units per consumer (kWh)										
Domestic	1,528	1,613	1,624	1,723	1,776	1,769	1,828	1,814	1,859	1,852
Commercial	11,857	12,787	12,961	13,771	14,861	14,960	16,426	17,229	17,761	17,907
Industrial	58,181	61,894	62,389	70,430	72,589	75,455	78,022	81,917	80,739	89,139
<i>General</i>	57,582	61,891	64,351	70,014	72,026	74,937	78,382	83,328	81,830	90,794
<i>Irrigation</i>	71,291	61,946	39,985	78,223	84,348	86,313	71,625	58,716	63,398	64,220
Other	59,909	59,599	68,419	67,843	71,391	71,610	85,748	93,190	95,480	95,368
All consumers	3,778	4,003	4,043	4,327	4,486	4,520	4,747	4,848	4,903	5,077

1 Revised

2 Provisional

Source: Central Electricity Board

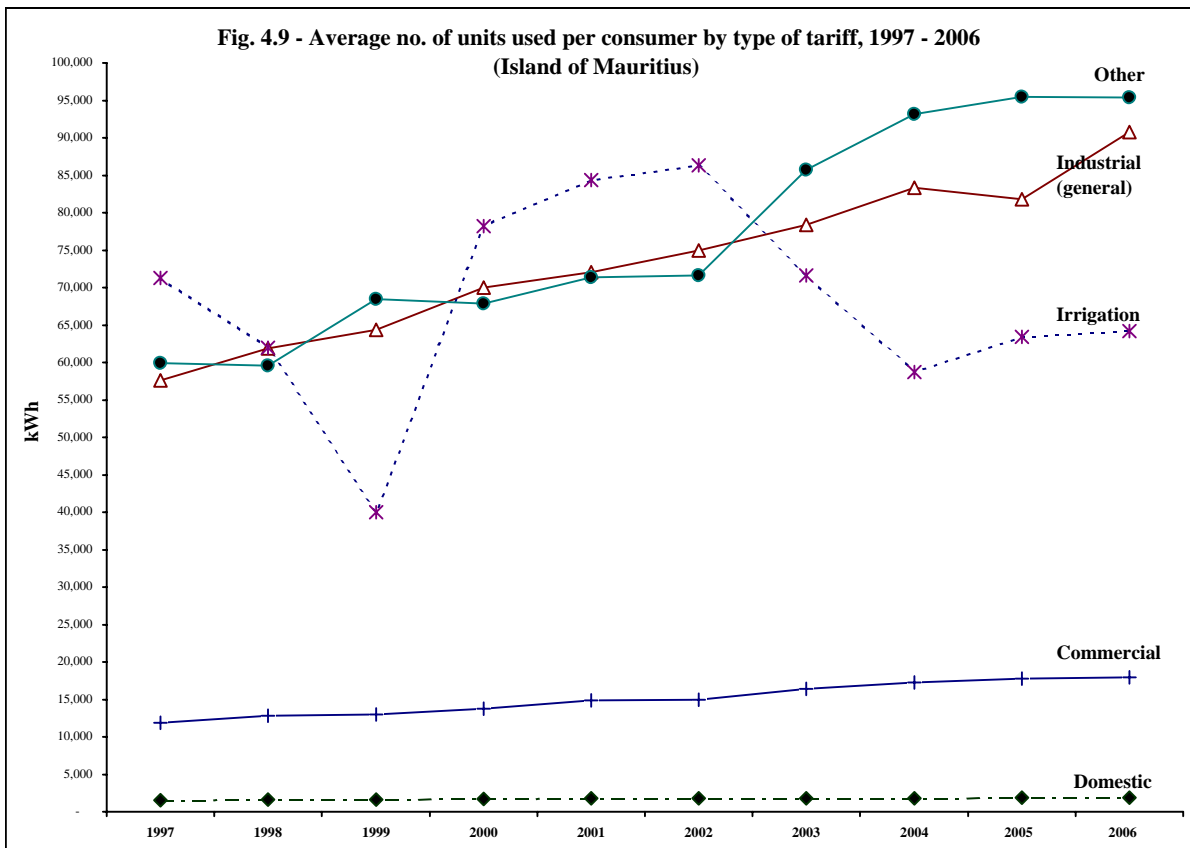
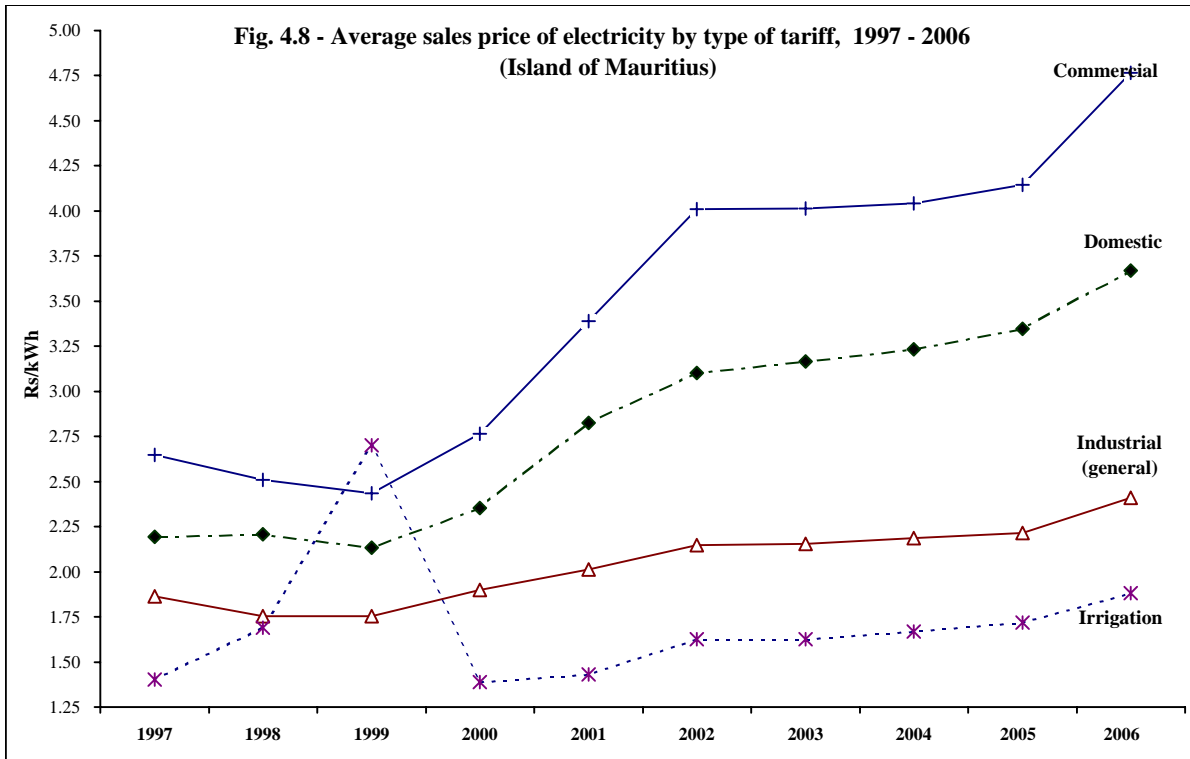
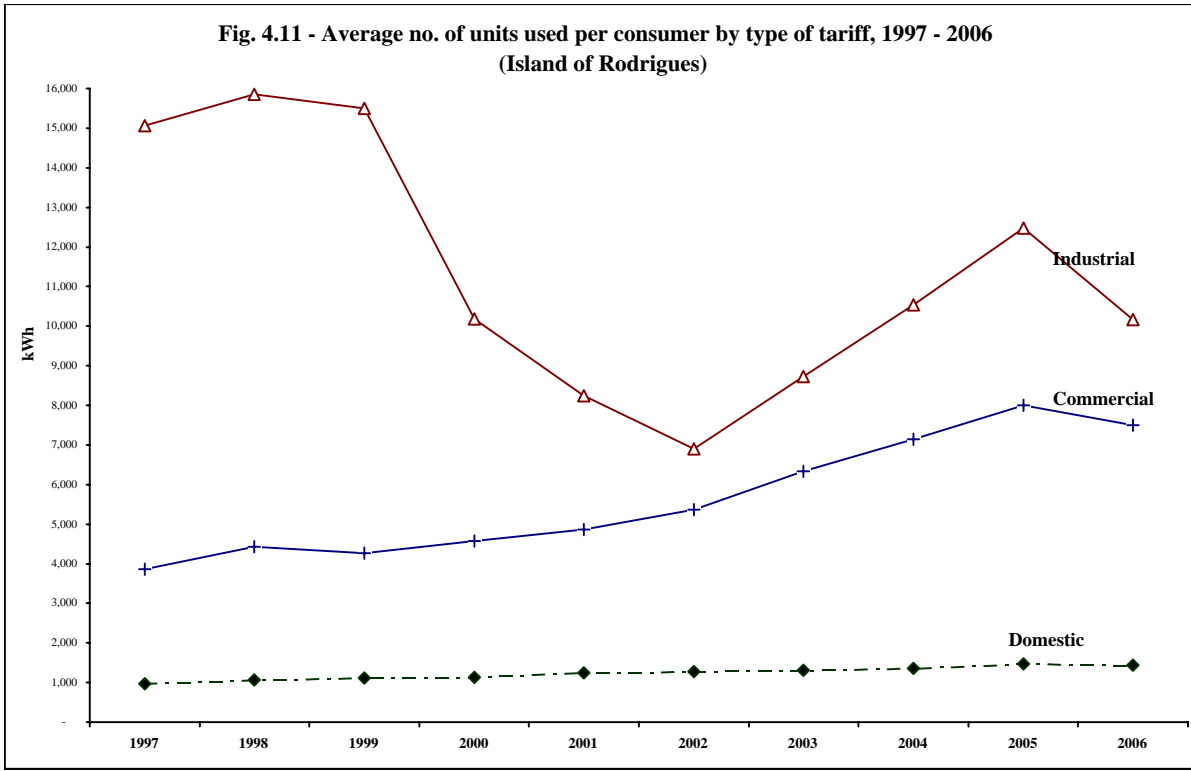
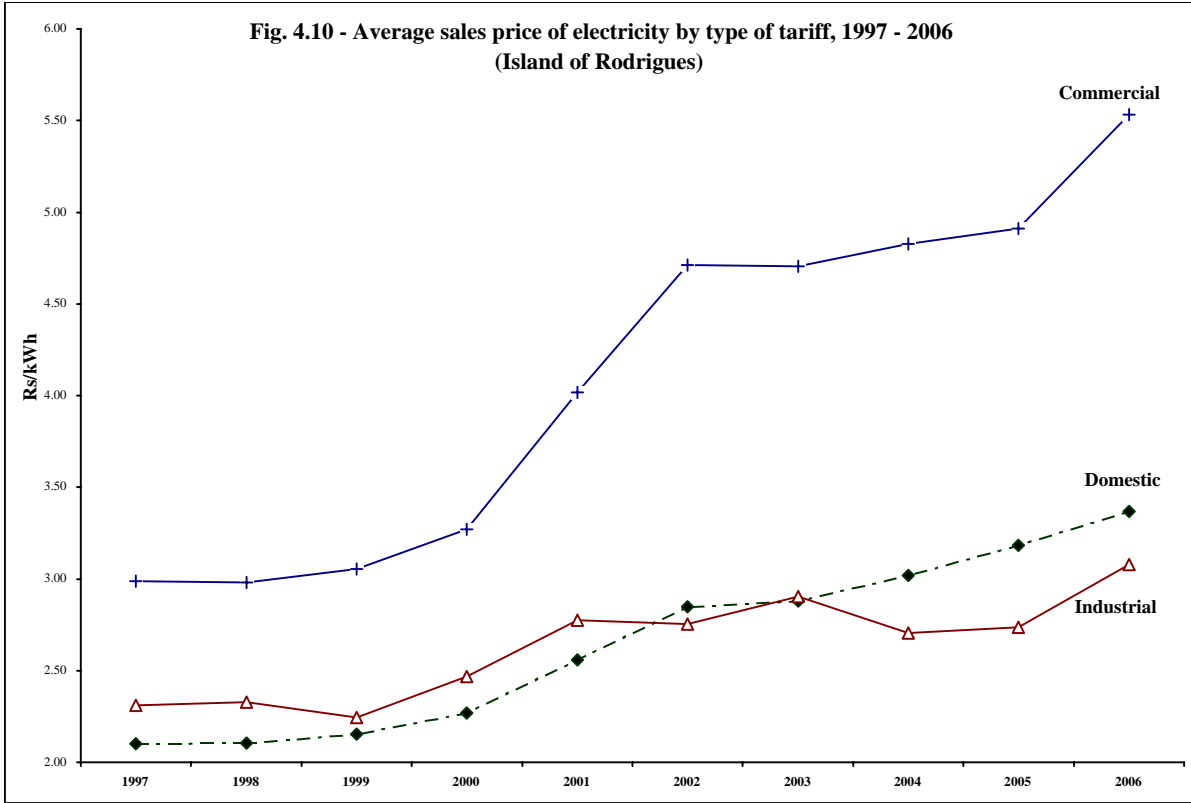


Table 4.9 - Sales of electricity by type of tariff, 1997 - 2006 (Island of Rodrigues)

Tariff group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Number of consumers										
Domestic	7,686	8,010	8,371	8,634	8,727	8,954	9,136	9,347	9,651	9,986
Commercial	811	844	912	916	939	976	982	989	1,025	1,029
Industrial	105	103	109	129	143	184	161	173	184	188
Other	6	7	24	10	6	6	6	7	7	7
Total	8,608	8,964	9,416	9,689	9,815	10,120	10,285	10,516	10,867	11,210
GWh sold										
Domestic	7.5	8.5	9.3	9.8	10.8	11.4	12.0	12.6	14.3	14.4
Commercial	3.1	3.7	3.9	4.2	4.6	5.2	6.2	7.1	8.2	7.7
Industrial	1.6	1.6	1.7	1.3	1.2	1.3	1.4	1.8	2.3	1.9
Other	0.0	0.0	0.0	0.2	0.2	0.2	0.3	0.4	0.5	0.6
Total	12.2	13.9	14.9	15.6	16.8	18.2	19.8	21.9	25.2	24.7
Value sold (Rs.mn)										
Domestic	15.7	18.0	20.0	22.3	27.7	32.5	34.4	38.2	45.4	48.6
Commercial	9.4	11.2	11.9	13.7	18.4	24.6	29.3	34.1	40.3	42.7
Industrial	3.7	3.8	3.8	3.2	3.3	3.5	4.1	4.9	6.3	5.9
Other	0.0	0.1	0.0	0.7	0.8	1.0	1.1	1.6	2.2	2.9
Total	28.8	33.0	35.7	39.9	50.2	61.7	68.9	78.8	94.1	100.1
Average sales price (Rs./kWh)										
Domestic	2.10	2.11	2.15	2.27	2.56	2.85	2.88	3.02	3.18	3.37
Commercial	2.99	2.98	3.05	3.27	4.02	4.71	4.71	4.83	4.91	5.53
Industrial	2.31	2.33	2.25	2.47	2.77	2.75	2.90	2.71	2.74	3.08
Other	3.26	3.19	3.17	2.90	3.50	4.20	4.20	4.36	4.49	5.00
Average	2.36	2.37	2.40	2.57	2.98	3.40	3.47	3.60	3.73	4.06
Average no. of units per consumer (kWh)										
Domestic	975	1,065	1,110	1,137	1,243	1,274	1,309	1,352	1,477	1,446
Commercial	3,869	4,434	4,266	4,576	4,873	5,359	6,336	7,145	8,006	7,505
Industrial	15,065	15,862	15,496	10,180	8,242	6,902	8,727	10,539	12,474	10,169
Other	2,383	2,409	603	22,715	39,793	41,148	44,122	53,047	69,034	81,968
Average	1,420	1,553	1,581	1,605	1,716	1,794	1,930	2,083	2,323	2,199

Source: Central Electricity Board



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**

Geographical location	Availability of electricity							
	1990				2000			
	Available	Not available	Not stated	Total	Available	Not available	Not stated	Total
Island of Mauritius								
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
Total	209,960	5,849	202	216,011	285,146	3,091	107	288,344
	<i>(97.2 %)</i>	<i>(2.7 %)</i>	<i>(0.1 %)</i>	<i>(100.0 %)</i>	<i>(98.9 %)</i>	<i>(1.1 %)</i>	<i>(0.0 %)</i>	<i>(100.0 %)</i>
Island of Rodrigues	5,334	2,465	11	7,810	8,530	703	21	9,254
Agalega	71	2	-	73
Republic of Mauritius	215,294	8,314	213	223,821	293,747	3,796	128	297,671
	<i>(96.2 %)</i>	<i>(3.7 %)</i>	<i>(0.1 %)</i>	<i>(100.0 %)</i>	<i>(98.7 %)</i>	<i>(1.3 %)</i>	<i>(0.0 %)</i>	<i>(100.0 %)</i>

Table 5.2 - Private households by geographical location of residence and principal fuel used for cooking, 1990 & 2000

Geographical location	Principal fuel used for cooking						Total
	Wood	Charcoal	Kerosene	Electricity	Gas	Other	
Housing and Population Census 1990							
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
Total	55,659	2,577	50,000	3,427	117,229	555	229,447
	(24.3 %)	(1.1 %)	(21.8 %)	(1.5 %)	(51.1 %)	(0.2 %)	(100.0 %)
Island of Rodrigues	4,011	10	1,262	200	1,779	16	7,278
Republic of Mauritius	59,670	2,587	51,262	3,627	119,008	571	236,725
	(25.2 %)	(1.1 %)	(21.7 %)	(1.5 %)	(50.3 %)	(0.2 %)	(100.0 %)
Housing and Population Census 2000							
Island of Mauritius							
Port Louis	457	131	1,042	132	30,891	100	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
Total	11,412	521	9,542	1,480	265,837	378	289,170
	(4.0 %)	(0.2 %)	(3.3 %)	(0.5 %)	(91.9 %)	(0.1 %)	(100.0 %)
Island of Rodrigues	1,509	17	487	106	6,524	8	8,651
Agalega	2	-	-	-	58	-	60
Republic of Mauritius	12,923	538	10,029	1,586	272,419	386	297,881
	(4.3 %)	(0.2 %)	(3.4 %)	(0.5 %)	(91.5 %)	(0.1 %)	(100.0 %)

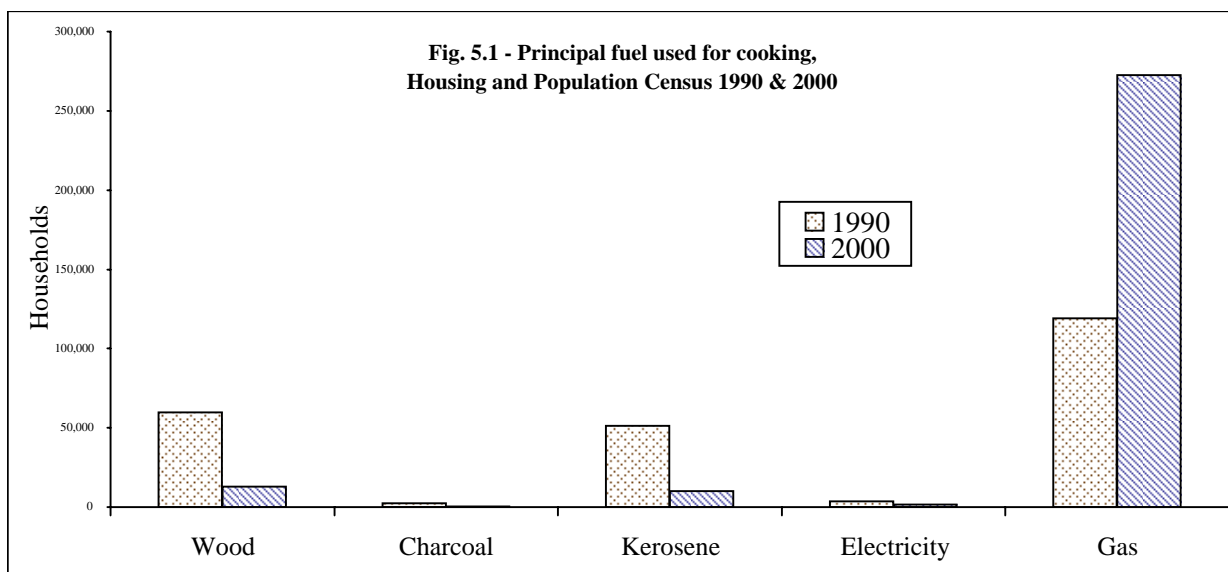
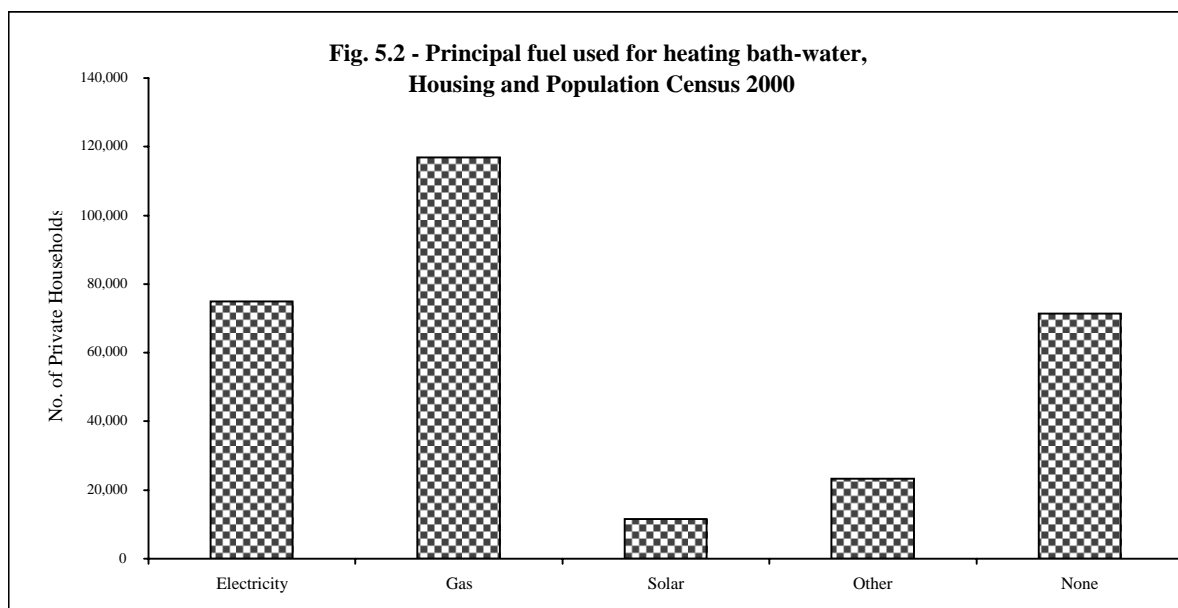


Table 5.3 - Private households by geographical location of residence and principal fuel used for heating bath-water¹ - Housing and Population Census 2000

Geographical location	Principal fuel used for heating bath-water					Total
	Electricity	Gas	Solar	Other	None ²	
Island of Mauritius						
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
Total	74,394 (25.7 %)	116,308 (40.2 %)	11,454 (4.0 %)	23,239 (8.0 %)	63,775 (22.1 %)	289,170 (100.0 %)
Island of Rodrigues	454	471	73	154	7,499	8,651
Agalega	-	12	-	-	48	60
Republic of Mauritius	74,848 (25.1 %)	116,791 (39.2 %)	11,527 (3.9 %)	23,393 (7.9 %)	71,322 (23.9 %)	297,881 (100.0 %)

¹ The water need not be heated in the bathroom

² Includes households where hot water is not regularly used for bathing



Section VI
Water Statistics

Table 6.1 - Water balance for *Island of Mauritius* , 2002 - 2006

	Unit	2002	2003	2004	2005	2006
Rainfall	Mm ³	3,905	4,006	4,233	4,423	3,571
Surface Runoff	Mm ³	2,343	2,403	2,540	2,654	2,143
Evapotranspiration	Mm ³	1,171	1,202	1,270	1,327	1,071
Net Recharge to Groundwater	Mm ³	391	401	423	442	357

Source : Water Resources Unit

Table 6.2 - Main water indicators, 2002 - 2006 (*Island of Mauritius*)

Details	Unit	2002	2003	2004	2005	2006
Mid-year population	thousand	1,174	1,186	1,197	1,206	1,216
Mean annual rainfall	millimetres	2,082	2,148	2,270	2,372	1,914
Potable water produced	Mm ³	177	184	185	195	187
Potable water consumed	Mm ³	86	90	90	94	94
Potable water produced per capita per day	litres	413	425	423	441	421
Potable water consumed per capita per day	litres	201	207	206	213	212

Table 6.3 - Water utilisation by source of water (Mm³) 2005 & 2006, Island of Mauritius

Utilisation	2005				2006			
	Source of water			Total	Source of water			Total
	Surface water		Ground water		Surface water		Ground water	
	River-run offtakes	Reservoirs		River-run offtakes	Reservoirs			
Domestic, Industrial, Commercial and Hotels	35	64	115	214	35	65	116	216
Industrial from private boreholes	-	-	11	11	-	-	13	13
Agricultural irrigation	352	90	24	466	347	81	25	453
Hydropower	150	181	-	331	113	123	-	236
Total	537	335	150	1,022	495	269	154	918

Source : Water Resources Unit

Table 6.4 - Fresh water abstractions (Mm³) for agricultural, domestic and industrial use by source, 1996 - 2006 (Island of Mauritius)

Source	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Surface water	515	506	508	405	536	515	524	552	512	541	528
Reservoirs	125	115	119	61	147	125	128	169	167	154	146
Rivers and streams	390	391	389	344	389	390	396	383	345	387	382
Ground water	115	114	131	111	145	145	148	148	150	150	154
Total	630	620	639	516	681	660	672	700	662	691	682

Note: period does not refer to calendar year but to Hydrologic Year which is from November year (n-1) to October year (n)

Source : Water Resources Unit

Table 6.5 - Gross storage capacity by location and use of reservoirs, Island of Mauritius

Reservoir	La Nicoliere	Diamamouve	Eau Bleue	Mare aux Vacoas	Mare Longue	Midlands Dam	Piton du Milieu	Dagotiere	Valetta	La Ferme	Tamarind Falls	Total Storage Capacity
Capacity (Mm ³)	5.3	4.3	4.1	25.9	6.3	25.5	3.0	0.6	3.0	11.5	2.3	90.7
District/ location	Pamplemousses	Grand Port		Pl. Wilhems			Moka			Black River		
Use	Domestic, Irrigation & Industrial	Hydro-power		Domestic	Hydro-power & Irrigation	Domestic, Irrigation & Industrial	Domestic	Sugar mill & Irrigation		Irrigation	Hydro-power & Irrigation	

Source : Water Resources Unit

Table 6.6 - Mean rainfall, 2002 - 2006 (Island of Mauritius)

		<i>Millimetres</i>																					
Period	Long Term Mean (1971-2000)	2002		2003		2004		2005		2006		Long Term Mean (1971-2000)	2002		2003		2004		2005		2006		
		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		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	
Year	North											South											
		1,342	1166	87	1325	99	1495	111	1494	111	1464	109	2,469	2537	103	2533	103	2794	113	2927	119	2200	89
	Jan	186	358	192	103	55	331	178	80	43	285	154	290	546	188	181	62	490	169	162	56	440	151
	Feb	245	56	23	237	97	134	55	270	110	292	119	366	99	27	424	116	417	114	369	101	354	97
	Mar	161	190	118	139	86	189	117	564	350	395	245	325	284	87	212	65	271	83	865	266	451	139
	Apr	165	67	41	316	192	187	113	47	28	65	39	280	253	90	434	155	396	141	205	73	111	40
	May	107	83	78	139	130	133	124	55	51	44	41	212	192	91	258	122	290	137	152	72	53	25
	Jun	72	71	99	60	83	70	97	69	96	107	148	157	234	149	187	119	196	125	193	123	123	78
	Jul	73	100	137	77	105	75	103	103	141	89	122	180	202	112	319	177	111	62	249	138	233	130
	Aug	68	61	90	70	103	28	41	67	99	48	71	180	212	118	111	62	53	29	124	69	105	58
	Sep	44	19	43	78	177	135	307	126	286	44	100	112	56	50	214	191	104	93	342	305	78	70
	Oct	41	39	95	21	51	14	34	38	93	19	45	96	70	73	47	49	39	41	92	96	75	78
	Nov	47	20	43	56	119	89	189	30	64	52	111	110	51	46	100	91	213	194	63	57	111	101
Dec	132	102	77	29	22	110	83	45	34	24	18	249	338	136	46	18	214	86	111	45	66	27	
Year	East											West											
		2,080	2124	102	2403	116	2474	119	2435	117	2646	127	884	1374	155	979	111	900	102	1079	122	740	84
	Jan	260	588	226	136	52	464	178	167	64	455	175	167	793	475	93	56	270	162	82	49	223	133
	Feb	336	135	40	352	105	355	106	448	133	482	143	219	103	47	192	88	189	86	207	94	167	76
	Mar	243	260	107	265	109	231	95	657	270	658	271	112	90	80	83	74	118	105	515	459	221	197
	Apr	245	157	64	579	236	364	149	141	58	129	53	97	32	33	319	329	72	74	39	40	5	5
	May	180	184	102	229	127	226	126	144	80	73	41	56	31	55	83	148	30	54	40	72	27	49
	Jun	123	136	111	142	115	147	120	195	158	127	103	33	68	206	36	109	35	106	16	49	6	19
	Jul	116	181	156	216	186	107	92	191	165	242	209	25	32	128	47	188	17	68	24	96	24	96
	Aug	114	117	103	117	103	51	45	95	83	124	108	26	21	81	29	112	8	31	28	108	3	12
	Sep	79	51	65	173	219	152	192	220	278	117	148	20	6	30	23	115	14	70	83	415	9	46
	Oct	74	68	92	34	46	42	57	58	78	83	111	18	27	150	6	33	7	39	14	77	0	0
	Nov	86	35	41	97	113	154	179	44	51	98	114	31	7	23	27	87	33	106	13	41	41	132
Dec	209	212	101	63	30	181	87	75	36	58	28	114	164	144	41	36	107	94	18	16	14	12	

Source: Mauritius Meteorological Services

Table 6.6 -Mean rainfall, 2002 - 2006 (Island of Mauritius) (cont'd)

		<i>Millimetres</i>																				
Period	Long Term Mean (1971-2000)	2002		2003		2004		2005		2006		Long Term Mean (1971-2000)	2002		2003		2004		2005		2006	
		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		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
		Center										Whole Island										
Year	2,779	2,930	105	3,018	109	3,280	118	3,319	119	2,433	88	1,993	2,082	104	2,148	108	2,270	114	2,372	119	1,914	96
Jan	354	804	227	197	56	617	174	180	51	443	125	261	602	231	142	54	443	170	148	57	372	142
Feb	464	174	38	490	106	438	94	557	120	357	77	336	118	35	358	107	316	94	407	121	331	99
Mar	337	313	93	269	80	402	119	961	285	563	167	242	242	100	204	84	252	104	727	300	459	189
Apr	293	209	71	521	178	386	132	153	52	100	34	226	151	67	454	201	297	131	117	52	83	37
May	210	247	118	354	169	336	160	190	91	66	32	159	157	99	218	137	203	128	126	79	53	33
Jun	163	207	127	195	120	201	123	185	114	124	76	115	144	125	128	111	131	114	139	121	100	87
Jul	181	200	110	315	174	130	72	257	142	279	154	120	151	126	208	173	93	78	174	145	177	147
Aug	192	218	114	163	85	76	40	175	91	113	59	122	129	106	105	86	46	38	106	87	80	66
Sep	126	63	50	245	194	143	113	348	276	109	86	81	43	53	150	185	120	148	233	288	72	89
Oct	102	87	85	65	64	59	58	102	100	99	97	70	63	90	36	51	36	51	64	91	56	80
Nov	105	87	83	119	113	202	192	84	80	117	111	80	43	54	86	108	139	174	48	60	85	106
Dec	263	321	122	85	32	290	110	127	48	63	24	199	239	120	59	30	194	97	83	42	46	23

Source: Mauritius Meteorological Services

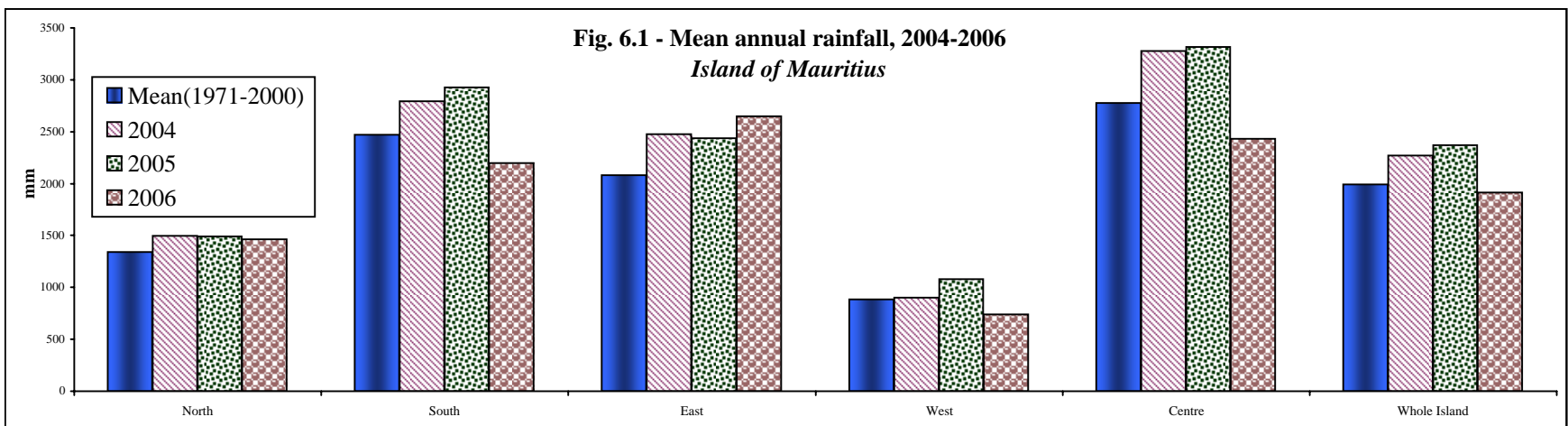


Table 6.7 - Mean rainfall 2000-2006, *Island of Rodrigues*

Millimetres

Period	Long Term Mean (1971-2000)	2000		2001		2002		2003		2004		2005		2006		Long Term Mean (1971-2000)	2000		2001		2002		2003		2004		2005		2006	
		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	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	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean
		Oyster Bay															Plaine Corail													
Year	<i>1312</i>	1092	83	911	69	1068	81	935	71	1209	92	1230	94	999	76	<i>943</i>	676	72	717	76	864	92	1080	115	1088	115	1126	119	1064	113
Jan	<i>173</i>	197	114	65	37	98	57	67	38	167	96	68	39	39	23	<i>121</i>	65	54	45	37	132	109	116	96	226	187	66	55	48	40
Feb	<i>220</i>	175	79	41	19	50	22	71	32	72	32	125	57	154	70	<i>168</i>	98	58	60	36	40	24	116	69	57	34	172	102	160	95
Mar	<i>150</i>	121	81	43	29	211	141	236	157	107	72	142	95	201	134	<i>125</i>	80	64	17	14	214	171	145	116	116	93	212	170	418	334
Apr	<i>132</i>	53	40	88	67	121	92	205	155	288	218	222	168	92	69	<i>100</i>	37	37	111	111	103	103	301	301	251	251	119	119	44	44
May	<i>85</i>	56	66	123	145	35	41	49	57	237	280	115	136	63	74	<i>69</i>	49	71	67	97	50	72	90	130	191	277	129	187	40	55
Jun	<i>96</i>	120	124	41	42	59	62	54	56	72	75	103	107	85	89	<i>62</i>	103	166	60	97	60	97	106	170	48	77	125	202	61	99
Jul	<i>99</i>	57	57	127	129	91	92	56	56	45	46	131	133	185	188	<i>53</i>	31	58	66	124	37	69	41	77	37	70	94	176	137	256
Aug	<i>79</i>	88	111	44	55	183	230	37	47	76	95	76	96	73	92	<i>46</i>	64	140	40	87	57	125	25	55	33	72	33	72	74	162
Sep	<i>57</i>	76	134	211	369	74	130	51	89	52	91	111	195	48	84	<i>32</i>	40	125	167	523	45	141	76	236	43	134	87	272	20	62
Oct	<i>53</i>	54	102	64	122	68	128	47	90	27	52	30	58	52	99	<i>32</i>	31	97	64	200	58	181	32	98	25	78	13	41	43	135
Nov	<i>84</i>	79	94	53	63	28	33	43	51	32	38	65	77	5	6	<i>64</i>	51	80	18	28	14	22	20	31	23	36	43	67	11	17
Dec	<i>84</i>	16	19	11	13	50	59	19	23	34	40	42	50	2	2	<i>70</i>	27	38	2	3	54	77	14	20	38	54	33	47	8	11
		Port Sud Est															Pte Canon													
Year	<i>1022</i>	946	86	848	77	1234	112	1179	107	1306	118	1620	147	1381	125	<i>1105</i>	974	88	883	80	997	90	1320	119	1134	103	1275	115	1189	108
Jan	<i>155</i>	173	111	69	44	243	156	92	59	176	113	103	66	39	25	<i>150</i>	178	119	61	41	127	85	91	61	208	139	68	45	43	29
Feb	<i>206</i>	129	63	60	29	64	31	95	46	77	37	366	178	221	108	<i>185</i>	185	100	72	39	66	36	87	47	55	30	179	97	207	112
Mar	<i>128</i>	125	98	29	23	320	250	201	157	123	96	340	266	546	427	<i>131</i>	110	84	35	27	189	144	365	278	110	84	143	109	377	287
Apr	<i>110</i>	35	32	137	124	49	44	341	310	458	416	161	146	48	44	<i>117</i>	42	36	101	86	62	53	336	287	264	225	230	197	91	78
May	<i>59</i>	57	98	57	96	53	89	89	151	188	319	124	210	55	94	<i>78</i>	63	81	102	130	81	103	115	146	164	209	105	134	67	85
Jun	<i>67</i>	165	248	29	43	118	177	128	192	27	40	126	189	103	155	<i>78</i>	90	117	103	133	69	89	61	78	66	86	135	174	78	101
Jul	<i>57</i>	28	50	131	231	47	82	31	55	25	44	110	194	202	356	<i>81</i>	56	69	111	137	76	94	65	80	41	51	130	161	159	196
Aug	<i>56</i>	44	78	19	34	97	171	21	36	44	79	34	61	55	97	<i>59</i>	51	85	30	51	154	259	35	59	83	139	76	128	55	93
Sep	<i>34</i>	82	239	173	506	24	69	84	244	68	198	163	476	21	62	<i>44</i>	76	174	131	299	46	105	69	157	56	127	96	219	29	67
Oct	<i>35</i>	22	61	66	186	144	408	37	104	28	80	11	31	73	207	<i>41</i>	40	99	65	160	63	155	24	60	19	47	23	56	48	118
Nov	<i>50</i>	58	115	45	89	14	28	50	100	20	40	21	42	11	22	<i>70</i>	68	97	61	87	14	20	56	79	31	45	43	61	12	17
Dec	<i>65</i>	28	43	33	51	61	94	10	16	72	110	61	94	7	11	<i>71</i>	15	22	11	16	50	70	16	22	37	52	47	66	23	32

Source: Mauritius Meteorological Services

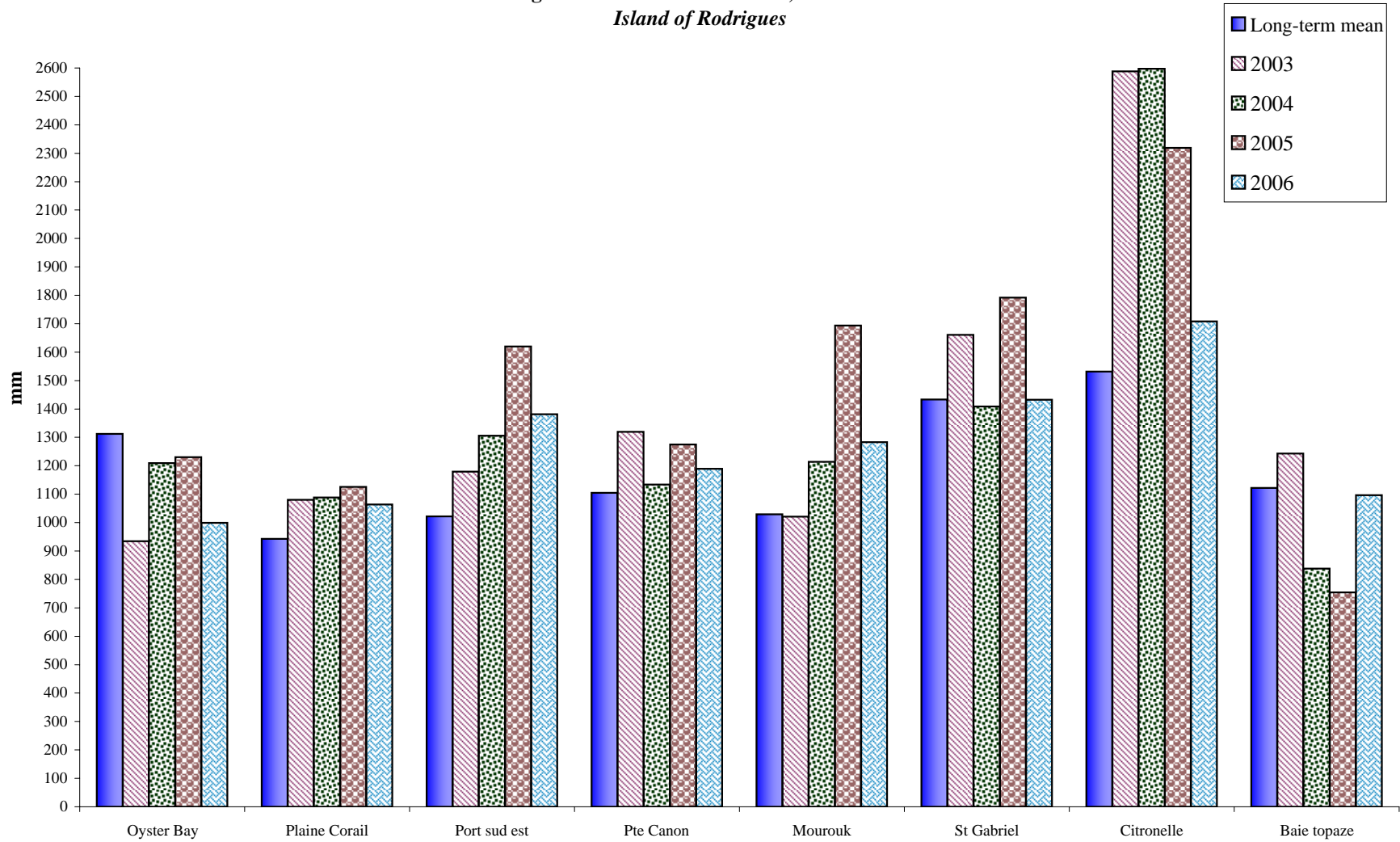
Table 6.7 - Mean rainfall 2000-2006, Island of Rodrigues (cont'd)

Millimetres

Period	Long Term Mean	2000		2001		2002		2003		2004		2005		2006		Long Term Mean	2000		2001		2002		2003		2004		2005		2006	
		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	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	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean	Mean	% of Long Term Mean
	(1981-2000)	Mourouk														(1981-2000)	St Gabrielle													
Year	1,029	812	57	965	67	1035	72	1021	71	1217	85	1694	118	1283	90	1,433	1,840	128	1,874	131	1415	99	1661	116	1409	98	1792	125	1432	100
Jan	160	165	103	80	50	209	131	112	70	210	131	128	80	43	27	198	185	93	38	19	127	64	204	103	182	92	134	68	46	23
Feb	181	166	91	73	40	30	17	83	46	79	43	346	191	239	132	234	205	87	220	94	121	52	141	60	93	40	184	78	300	128
Mar	142	91	64	43	30	342	240	187	131	123	87	319	224	452	318	176	241	137	118	67	254	145	240	136	157	90	399	227	403	230
Apr	137	25	18	178	130	n/a	-	217	159	301	220	212	155	35	25	166	59	36	302	182	128	77	376	227	400	241	223	134	116	70
May	61	48	78	51	83	69	113	79	129	206	335	135	221	48	78	85	70	82	286	336	93	110	166	195	237	279	152	178	90	106
Jun	59	146	248	56	95	27	46	93	158	23	39	125	211	104	177	101	388	383	89	87	115	114	156	154	48	48	235	232	103	102
Jul	60	30	50	96	160	31	52	31	52	24	40	145	241	209	347	101	60	59	219	217	65	65	65	65	36	36	156	154	158	156
Aug	50	49	98	34	68	69	137	35	70	48	96	40	79	42	83	72	150	209	56	77	273	379	52	72	64	89	60	83	73	102
Sep	31	n/a	-	195	639	32	105	89	290	86	283	148	485	25	83	67	184	275	319	476	70	104	111	165	79	118	110	164	61	91
Oct	35	23	65	77	217	152	429	47	133	30	84	18	51	57	162	67	100	149	138	206	97	145	67	100	34	51	23	34	58	86
Nov	59	60	101	55	93	19	32	29	50	24	41	30	51	25	41	98	165	168	89	91	35	35	57	58	38	38	86	87	15	15
Dec	53	9	17	27	51	55	104	19	35	63	119	48	90	4	8	67	33	49	0	0	37	55	26	38	41	60	30	45	9	14
	(1982-2000)	Citronelle														(1993-2000)	Baie Topaze													
Year	1,532	1,946	173	1615	144	2036	181	2588	231	2597	231	2319	207	1708	152	1,122	837	75	754	67	1072	96	1243	111	838	75	754	67	1097	98
Jan	183	280	153	183	100	258	141	128	70	325	178	90	49	16	9	173	48	28	59	34	158	91	133	77	177	102	57	33	44	26
Feb	236	308	131	156	66	69	29	258	109	86	37	329	139	343	145	192	120	62	93	48	58	30	113	59	55	28	129	67	112	59
Mar	171	190	111	64	37	256	150	333	195	292	171	176	103	450	264	153	158	103	26	17	261	171	337	220	98	64	160	105	463	302
Apr	170	81	48	206	121	151	89	773	454	577	339	354	208	169	100	114	56	49	108	95	116	102	284	250	233	205	49	43	46	41
May	99	123	124	210	212	180	182	402	406	484	489	243	245	29	30	61	41	67	14	23	64	105	87	143	127	207	68	112	25	41
Jun	104	266	255	97	93	214	205	117	112	132	126	291	279	144	138	79	154	194	95	119	56	71	64	80	27	34	51	64	71	89
Jul	118	59	50	210	178	161	136	179	151	76	64	238	202	214	181	61	21	35	88	144	68	112	49	81	20	33	41	67	166	272
Aug	103	189	184	16	16	330	321	83	81	193	188	126	123	98	95	66	71	108	31	48	117	178	22	33	33	50	61	93	79	121
Sep	75	195	259	295	392	66	88	186	247	113	150	277	367	91	121	39	51	131	148	379	22	55	79	203	15	38	25	64	22	56
Oct	76	82	108	101	134	209	277	63	83	56	74	49	64	127	169	49	28	57	74	151	67	137	41	83	14	29	25	51	48	98
Nov	115	156	136	69	60	30	26	46	40	109	95	143	125	9	8	81	61	76	18	22	32	40	24	29	12	14	88	109	3	4
Dec	82	17	21	8	10	112	136	20	24	154	187	3	4	18	22	55	28	52	0	0	53	97	10	18	27	48	0	0	18	32

Source: Mauritius Meteorological Services

Fig. 6.2 - Mean annual rainfall, 2003-2006
Island of Rodrigues



Note: 'Long-term mean' refers to: 1971-2000 for Oyster Bay, Plaine Corail, Port Sud Est and Pte Canon;

1981-2000 for Mourouk and St Gabriel;

1982-2000 for Citronelle and Baie Topaze;

1993-2000 for Baie Topaze.

Table 6.8 - Percentage of water level by month and reservoir, 2002 - 2006 (*Island of Mauritius*)

Period	Average for 1990-1999 (%)	2002			2003			2004			2005			2006		
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)
Mare aux Vacoas (Capacity 25.89 Mm³)																
Jan	60	62	48	84	69	66	73	74	65	79	53	50	56	72	69	77
Feb	65	82	80	84	77	68	85	84	79	90	56	50	61	74	69	79
Mar	80	85	80	87	84	81	86	96	92	98	78	60	100	92	79	96
Apr	83	87	85	89	88	83	91	98	96	99	97	95	98	92	88	96
May	83	88	87	89	97	92	99	98	97	99	93	92	95	82	76	88
Jun	81	90	89	93	94	92	95	96	95	97	93	92	94	71	68	76
Jul	79	95	93	96	97	94	98	96	94	98	96	91	98	71	67	77
Aug	80	97	96	98	97	95	98	90	85	94	95	93	96	76	74	78
Sep	78	96	93	98	97	95	98	80	76	85	95	93	98	71	68	74
Oct	72	88	83	92	93	88	97	70	64	76	96	92	99	65	61	68
Nov	63	78	73	82	83	79	88	62	59	64	86	80	91	59	57	61
Dec	58	72	70	73	72	65	78	58	55	60	75	69	80	52	46	58
La Nicoliere (Capacity 5.26 Mm³)																
Jan	63	78	28	100	40	36	44	82	54	100	82	66	93	64	44	77
Feb	75	97	93	100	68	45	93	100	100	100	88	61	100	92	80	100
Mar	91	99	96	100	93	84	100	100	100	100	100	95	100	100	100	100
Apr	92	90	78	98	100	97	100	100	100	100	92	81	100	99	87	100
May	95	72	61	79	98	89	100	100	100	100	76	68	83	66	55	87
Jun	94	79	63	91	67	38	88	100	98	100	71	58	85	71	57	82
Jul	93	98	92	100	55	28	96	100	99	100	82	75	88	58	40	79
Aug	94	99	96	100	79	52	100	84	62	99	71	65	77	63	45	76
Sep	89	84	55	98	48	29	82	71	56	96	82	66	94	31	23	46
Oct	69	38	31	54	69	50	92	74	63	95	71	65	77	48	27	67
Nov	46	25	19	31	75	63	91	79	65	92	75	52	81	68	63	72
Dec	39	31	20	40	69	49	88	71	61	81	43	37	53	55	47	63
Piton du Milieu (Capacity 2.99 Mm³)																
Jan	64	74	40	100	69	65	74	77	46	100	74	70	75	75	56	99
Feb	72	99	99	100	90	74	100	100	99	100	85	69	100	99	95	100
Mar	88	99	98	100	99	97	100	100	99	100	100	99	100	100	99	100
Apr	89	98	95	100	100	98	100	100	99	100	98	93	100	96	92	99
May	91	98	95	99	100	98	100	99	98	100	89	85	93	81	72	91
Jun	86	99	98	100	97	94	99	94	91	98	85	83	86	64	57	71
Jul	83	99	98	100	99	98	100	97	92	99	95	85	100	61	54	76
Aug	83	99	97	100	99	97	100	83	73	91	94	89	98	83	76	86
Sep	81	96	88	99	97	95	100	67	65	73	96	89	100	88	86	89
Oct	73	80	74	88	89	79	97	63	58	66	96	88	99	83	80	87
Nov	60	66	58	73	70	64	79	57	55	59	79	71	88	79	74	82
Dec	57	59	55	67	54	45	64	63	57	73	64	56	70	74	67	80

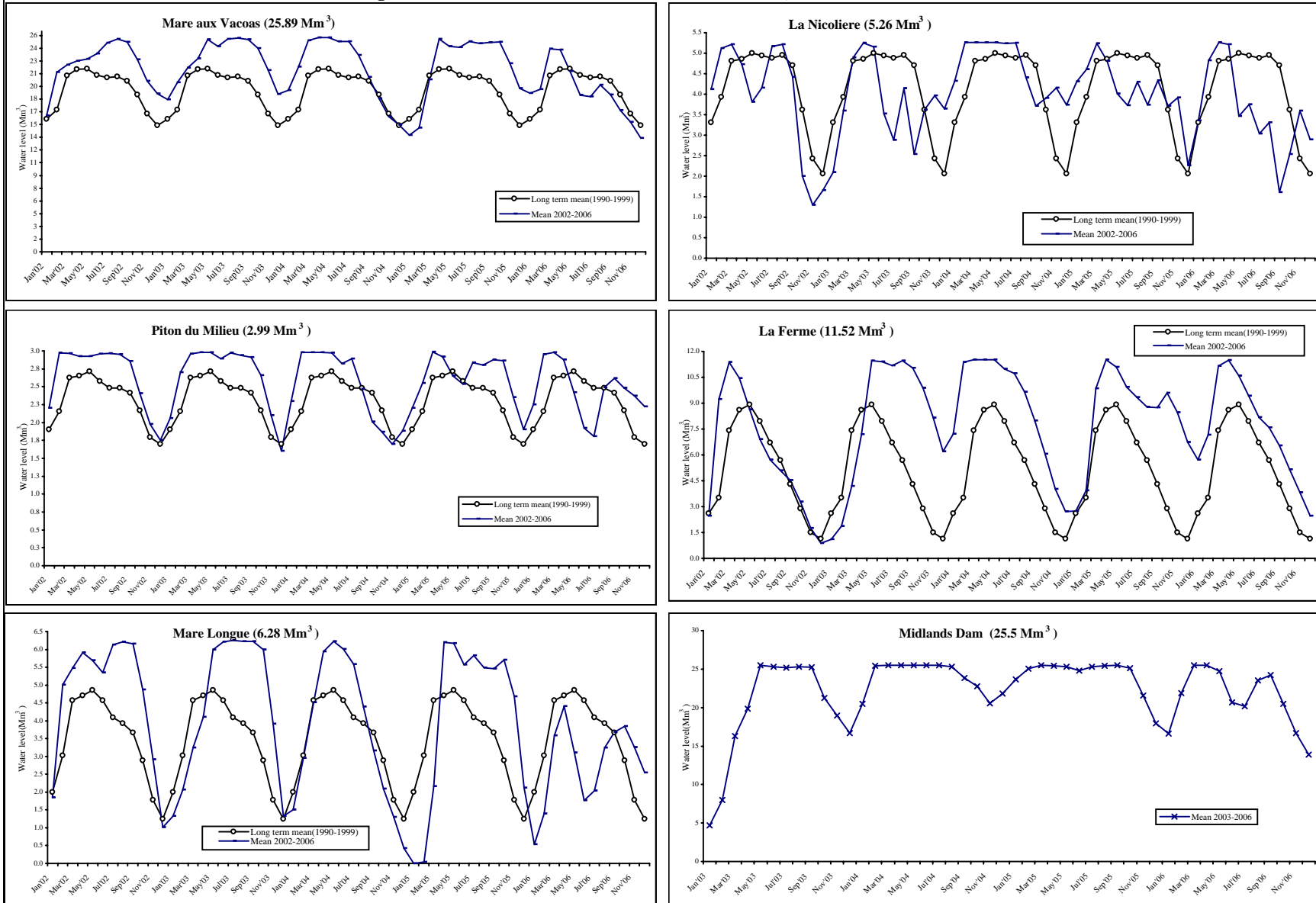
Source: Water Resources Unit

Table 6.8 - Percentage of water level by month and reservoir, 2002 - 2006 (Island of Mauritius) (cont'd)

Period	Average for 1990-1999 (%)	2002			2003			2004			2005			2006		
		Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)	Mean (%)	Min. (%)	Max. (%)
La Ferme (Capacity 11.52 Mm³)																
Jan	23	21	3	55	10	9	11	63	45	86	24	22	25	50	43	56
Feb	30	80	58	95	16	8	29	99	88	100	34	21	51	62	55	80
Mar	64	99	95	100	36	30	43	100	100	100	86	52	100	97	80	100
Apr	75	91	83	98	62	43	92	100	100	100	100	100	100	100	99	100
May	77	75	66	82	100	94	100	100	100	100	96	91	100	92	86	98
Jun	69	60	54	66	99	96	100	95	91	100	86	82	90	82	76	86
Jul	58	50	46	54	97	94	100	93	88	96	81	80	82	71	69	76
Aug	49	44	42	46	99	98	100	84	79	88	76	72	80	66	61	71
Sep	37	39	35	43	96	93	98	69	61	79	76	72	82	57	52	61
Oct	25	29	21	35	86	80	93	53	43	61	83	81	85	45	39	52
Nov	13	15	10	21	71	63	79	35	29	42	74	66	81	33	29	39
Dec	10	8	5	10	54	44	62	24	22	28	58	50	66	21	15	29
Mare Longue (Capacity 6.28 Mm³)																
Jan	32	29	3	76	21	19	22	24	4	36	0	0	0	9	0	17
Feb	48	80	76	84	33	16	47	47	37	57	1	0	4	22	14	33
Mar	73	87	83	90	52	48	57	72	58	84	34	4	94	57	32	71
Apr	75	94	90	97	65	57	74	95	84	99	99	94	100	70	62	74
May	77	91	82	96	96	76	100	99	98	100	98	94	100	49	37	62
Jun	73	85	82	93	99	98	100	96	93	98	89	86	94	28	24	37
Jul	65	98	93	99	100	98	100	89	79	95	93	88	95	33	25	45
Aug	63	99	99	99	99	98	100	70	60	79	87	83	92	52	47	56
Sep	58	98	94	99	99	98	100	50	43	60	87	83	93	59	56	60
Oct	46	78	62	93	96	85	99	33	26	42	91	86	93	61	57	64
Nov	28	46	27	61	63	43	84	21	17	25	75	59	86	52	47	56
Dec	20	16	11	25	21	4	42	7	0	17	34	12	57	41	32	50
All reservoirs, excluding Midlands Dam (Capacity 51.94 Mm³)																
Jan	49	51	30	79	47	45	49	66	51	78	44	41	47	59	52	65
Feb	56	84	77	89	58	47	70	86	79	90	50	40	58	68	62	77
Mar	77	91	86	93	71	69	74	95	91	97	76	38	98	90	77	95
Apr	82	90	85	93	81	74	91	98	97	99	97	95	99	92	88	94
May	83	84	80	88	97	92	99	99	98	99	93	91	95	79	72	87
Jun	79	82	78	87	93	89	96	96	94	98	88	87	91	68	65	71
Jul	75	86	83	88	93	88	98	95	91	97	91	87	92	64	60	71
Aug	73	86	84	87	96	92	99	85	78	91	87	84	90	70	67	73
Sep	68	82	76	86	92	90	95	72	70	77	89	84	93	63	60	67
Oct	58	68	61	76	89	86	94	62	55	70	90	87	93	59	57	60
Nov	46	54	47	60	76	70	85	52	50	54	80	71	86	55	52	57
Dec	41	46	43	50	60	50	70	46	43	50	62	55	70	45	39	52
Midlands Dam (Capacity 25.5 Mm³)																
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2004	Mean (%)				80	100	100	100	100	100	100	99	94	89	81	86
	Min. (%)				66	96	99	99	100	99	99	99	89	85	79	81
	Max. (%)				96	100	100	100	100	100	100	99	99	99	91	90
2005	Mean (%)				93	98	100	100	99	97	99	100	100	98	85	70
	Min. (%)				91	94	100	99	96	94	96	99	100	93	80	59
	Max. (%)				94	100	100	100	100	99	100	100	100	100	92	80
2006	Mean (%)				65	86	100	100	97	81	79	92	95	80	66	55
	Min. (%)				59	76	100	100	91	73	74	89	90	71	63	46
	Max. (%)				76	100	100	100	100	90	88	94	97	89	71	63

Source: Water Resources Unit

Fig. 6.3 - Water level in each reservoir for 2002 - 2006, (Island of Mauritius)



Note: Impounding of Midlands Dam started in September 2002

Table 6.9 - Average monthly potable water production (Mm³) from treatment plants and boreholes to distribution systems, 2002 - 2006 (*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	Surface	Borehole	
	Mm³																							
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%	54%	
Jan	2.5	0.5	2.9	0.0	2.1	2.1	1.7	1.0	2.7	1.0	2.0	3.1	0.7	1.2	1.9	0.7	1.1	1.8	6.6	7.9	14.5	46%	54%	
Feb	2.2	0.5	2.7	0.0	2.1	2.1	1.6	1.0	2.5	1.0	2.0	3.0	0.7	1.1	1.8	0.7	1.0	1.8	6.2	7.7	13.9	45%	55%	
Mar	2.5	0.5	3.0	0.0	2.4	2.4	1.9	1.1	3.0	1.1	2.3	3.4	0.7	1.2	1.9	0.8	1.1	1.9	7.0	8.5	15.6	45%	55%	
Apr	2.3	0.5	2.8	0.0	2.2	2.2	1.9	1.0	2.8	1.1	2.0	3.2	0.7	1.2	1.9	0.8	1.0	1.8	6.7	7.9	14.6	46%	54%	
May	2.3	0.5	2.8	0.0	2.3	2.3	2.0	0.8	2.7	1.2	2.1	3.3	0.7	1.1	1.8	0.8	1.0	1.9	7.1	7.8	14.8	48%	52%	
Jun	2.4	0.5	2.8	0.0	2.2	2.2	1.9	0.7	2.6	1.1	2.0	3.1	0.6	1.1	1.7	0.8	1.0	1.8	6.8	7.5	14.3	48%	52%	
Jul	2.5	0.5	2.9	0.0	2.3	2.3	1.9	0.8	2.7	1.2	2.0	3.2	0.7	1.1	1.8	0.8	1.0	1.8	7.1	7.6	14.7	48%	52%	
Aug	2.5	0.5	3.0	0.0	2.2	2.2	1.9	0.7	2.6	1.4	1.9	3.3	0.7	1.1	1.8	0.8	1.0	1.8	7.3	7.4	14.7	50%	50%	
Sep	2.5	0.5	3.0	0.0	2.3	2.3	1.7	0.8	2.5	1.5	1.8	3.3	0.7	1.2	1.8	0.8	1.1	1.9	7.2	7.6	14.8	49%	51%	
Oct	2.7	0.5	3.3	0.0	2.2	2.2	1.7	0.9	2.6	1.1	1.9	3.0	0.8	1.3	2.1	0.7	1.3	2.0	7.0	8.1	15.1	47%	53%	
Nov	2.8	0.5	3.3	0.0	2.1	2.1	0.8	1.7	2.5	1.1	1.9	3.0	0.7	1.3	2.0	0.7	1.2	1.9	6.2	8.7	14.8	42%	58%	
Dec	2.9	0.5	3.4	0.0	2.2	2.2	0.8	1.7	2.5	1.3	1.9	3.1	0.7	1.3	2.1	0.8	1.2	2.0	6.5	8.8	15.3	42%	58%	
2003	33.3	6.1	39.4	-	28.4	28.4	19.4	11.6	31.0	18.5	20.7	39.2	8.5	14.5	23.0	9.2	14.0	23.2	88.8	95.3	184.1	48%	52%	
Jan	2.9	0.5	3.4	-	2.2	2.2	1.7	0.9	2.6	1.6	1.8	3.4	0.8	1.3	2.1	0.7	1.2	2.0	7.6	8.0	15.6	49%	51%	
Feb	2.6	0.5	3.0	-	2.1	2.1	1.5	0.9	2.5	1.5	1.5	3.1	0.7	1.2	1.8	0.7	1.1	1.8	6.9	7.3	14.2	49%	51%	
Mar	2.9	0.5	3.4	-	2.5	2.5	1.7	1.1	2.8	1.5	1.8	3.3	0.7	1.2	2.0	0.8	1.2	2.0	7.6	8.3	15.9	48%	52%	
Apr	2.8	0.5	3.3	-	2.4	2.4	1.6	1.1	2.6	1.5	1.7	3.3	0.7	1.2	1.9	0.8	1.2	2.0	7.4	8.1	15.5	48%	52%	
May	2.8	0.6	3.4	-	2.6	2.6	1.2	1.1	2.3	1.7	1.7	3.4	0.7	1.2	2.0	0.8	1.2	2.1	7.2	8.4	15.7	46%	54%	
Jun	2.8	0.5	3.3	-	2.5	2.5	1.6	1.0	2.6	1.5	1.7	3.2	0.7	1.2	1.9	0.8	1.2	2.0	7.4	8.0	15.4	48%	52%	
Jul	2.9	0.5	3.4	-	2.5	2.5	1.7	0.9	2.6	1.5	1.8	3.3	0.7	1.2	1.9	0.8	1.2	2.0	7.6	8.1	15.7	49%	51%	
Aug	2.8	0.5	3.3	-	2.5	2.5	1.9	0.9	2.9	1.6	1.8	3.4	0.7	1.2	1.8	0.8	1.2	2.0	7.8	8.0	15.8	49%	51%	
Sep	2.7	0.5	3.2	-	2.4	2.4	1.7	1.0	2.7	1.5	1.8	3.2	0.7	1.2	1.9	0.8	1.1	1.9	7.3	8.0	15.3	48%	52%	
Oct	2.7	0.5	3.2	-	2.4	2.4	1.6	0.9	2.6	1.5	1.7	3.3	0.7	1.2	1.9	0.8	1.1	1.9	7.3	7.8	15.1	48%	52%	
Nov	2.7	0.5	3.2	-	2.2	2.2	1.6	0.9	2.5	1.5	1.7	3.3	0.7	1.2	2.0	0.7	1.1	1.8	7.3	7.7	15.0	49%	51%	
Dec	2.8	0.5	3.3	-	2.2	2.2	1.6	0.9	2.4	1.6	1.7	3.3	0.6	1.3	1.9	0.7	1.2	1.9	7.3	7.7	15.0	49%	51%	

Source: Central Water Authority

Table 6.9 - Average monthly potable water production (Mm³) from treatment plants and boreholes to distribution systems, 2002 - 2006 (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	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total		
	Mm³																						
2004	34.0	6.0	40.0	-	27.8	27.8	18.8	11.3	30.1	18.9	21.2	40.1	8.7	15.1	23.8	8.8	14.7	23.5	89.2	95.9	185.2	48%	52%
Jan	2.9	0.5	3.4	-	2.3	2.3	1.7	1.2	2.9	1.6	1.8	3.3	0.7	1.3	2.0	0.7	1.2	1.9	7.6	8.2	15.8	48%	52%
Feb	2.7	0.5	3.2	-	2.4	2.4	1.5	1.1	2.6	1.5	1.7	3.1	0.7	1.2	1.8	0.8	1.2	1.9	7.1	7.9	15.0	47%	53%
Mar	2.9	0.5	3.4	-	2.5	2.5	1.7	0.9	2.6	1.6	1.8	3.4	0.7	1.2	2.0	0.8	1.3	2.1	7.7	8.2	15.9	48%	52%
Apr	2.8	0.5	3.3	-	2.4	2.4	0.9	1.1	2.0	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.2	2.0	6.7	8.2	14.9	45%	55%
May	2.9	0.5	3.4	-	2.5	2.5	0.9	1.1	2.0	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.3	2.1	6.8	8.3	15.1	45%	55%
Jun	2.8	0.5	3.3	-	2.4	2.4	1.7	1.0	2.7	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.2	2.0	7.5	8.0	15.5	48%	52%
Jul	2.9	0.5	3.4	-	2.4	2.4	1.8	0.8	2.7	1.6	1.8	3.4	0.7	1.3	2.0	0.8	1.2	2.0	7.8	8.1	15.8	49%	51%
Aug	2.9	0.5	3.4	-	2.3	2.3	1.8	0.9	2.7	1.6	1.8	3.4	0.7	1.2	1.9	0.8	1.2	2.0	7.8	8.0	15.7	49%	51%
Sep	3.0	0.5	3.5	-	2.2	2.2	1.9	0.7	2.6	1.6	1.8	3.4	0.8	1.4	2.1	0.7	1.2	1.9	7.8	7.8	15.6	50%	50%
Oct	2.9	0.5	3.4	-	2.1	2.1	1.8	0.9	2.7	1.6	1.9	3.4	1.0	1.4	2.3	0.7	1.2	1.9	7.8	8.0	15.8	49%	51%
Nov	2.7	0.5	3.2	-	2.1	2.1	1.6	0.7	2.4	1.6	1.8	3.4	0.8	1.3	2.1	0.6	1.3	1.9	7.3	7.6	15.0	49%	51%
Dec	2.8	0.5	3.3	-	2.2	2.2	1.6	0.9	2.4	1.6	1.7	3.3	0.6	1.3	1.9	0.7	1.2	1.9	7.3	7.7	15.0	49%	51%
2005	35.6	6.1	41.7	-	28.0	28.0	21.4	11.6	32.9	19.1	22.7	41.8	9.1	15.8	24.9	8.7	16.7	25.4	93.9	100.9	194.8	48%	52%
Jan	2.8	0.5	3.3	-	2.3	2.3	1.8	0.8	2.6	1.6	1.8	3.4	0.8	1.3	2.2	0.7	1.4	2.1	7.8	8.2	15.9	49%	51%
Feb	2.6	0.5	3.0	-	2.1	2.1	1.2	2.0	3.2	1.5	1.6	3.1	0.7	1.2	1.9	0.7	1.3	1.9	6.6	8.6	15.2	43%	57%
Mar	2.9	0.6	3.5	-	2.4	2.4	1.4	1.1	2.4	1.6	2.0	3.6	0.8	1.4	2.1	0.7	1.5	2.2	7.4	8.9	16.2	45%	55%
Apr	2.8	0.5	3.4	-	2.4	2.4	1.6	1.0	2.6	1.5	1.9	3.4	0.8	1.3	2.1	0.8	1.4	2.2	7.5	8.6	16.1	47%	53%
May	2.9	0.5	3.4	-	2.5	2.5	1.8	1.1	2.9	1.6	1.9	3.5	0.8	1.3	2.1	0.8	1.4	2.2	7.8	8.8	16.6	47%	53%
Jun	2.8	0.5	3.3	-	2.4	2.4	1.6	0.8	2.4	1.5	1.9	3.4	0.7	1.3	2.0	0.6	1.1	1.7	7.3	8.1	15.4	47%	53%
Jul	2.9	0.5	3.4	-	2.4	2.4	2.0	0.8	2.8	1.6	1.9	3.5	0.8	1.4	2.1	0.7	1.4	2.1	7.9	8.5	16.4	48%	52%
Aug	3.2	0.5	3.7	-	2.4	2.4	2.0	0.8	2.8	1.6	1.9	3.6	0.7	1.3	2.1	0.8	1.4	2.2	8.3	8.4	16.7	50%	50%
Sep	3.0	0.5	3.5	-	2.3	2.3	2.0	0.7	2.7	1.6	1.9	3.5	0.7	1.3	2.0	0.7	1.4	2.1	8.1	8.1	16.2	50%	50%
Oct	3.2	0.5	3.7	-	2.5	2.5	2.3	0.9	3.2	1.6	1.9	3.5	0.8	1.3	2.1	0.8	1.5	2.3	8.7	8.6	17.3	50%	50%
Nov	3.2	0.5	3.7	-	2.2	2.2	1.9	0.8	2.7	1.6	2.0	3.6	0.7	1.3	2.0	0.8	1.4	2.2	8.3	8.1	16.3	51%	49%
Dec	3.4	0.5	3.9	-	2.1	2.1	1.8	0.8	2.6	1.7	2.0	3.6	0.8	1.3	2.2	0.8	1.5	2.2	8.4	8.1	16.5	51%	49%

Source: Central Water Authority

Table 6.9 - Average monthly potable water production (Mm³) from treatment plants and boreholes to distribution systems, 2002 - 2006 (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	Surface	Borehole
2006	36.8	5.8	42.6	-	17.8	17.8	21.0	10.4	31.4	20.2	22.3	42.4	9.3	16.0	25.2	8.8	18.5	27.3	96.0	90.8	186.8	51%	49%
Jan	3.4	0.5	3.9	-	0.5	0.5	1.8	0.8	2.7	1.6	2.0	3.6	0.8	1.4	2.2	0.8	1.4	2.2	8.5	6.5	15.0	57%	43%
Feb	3.1	0.5	3.5	-	0.5	0.5	1.8	0.8	2.6	1.5	1.5	3.0	0.7	1.2	1.9	0.8	1.4	2.2	7.8	5.8	13.7	57%	43%
Mar	3.5	0.5	4.0	-	0.5	0.5	1.2	1.8	2.9	1.6	1.6	3.2	0.8	1.3	2.1	0.8	1.6	2.4	7.9	7.3	15.2	52%	48%
Apr	3.4	0.5	3.9	-	0.5	0.5	1.9	0.8	2.7	1.6	1.6	3.2	0.8	1.3	2.1	0.8	1.5	2.3	8.5	6.1	14.6	58%	42%
May	3.4	0.5	3.8	-	0.5	0.5	2.0	0.7	2.7	1.6	2.0	3.6	0.8	1.3	2.1	0.8	1.5	2.3	8.5	6.5	15.0	57%	43%
Jun	3.0	0.5	3.5	-	2.2	2.2	1.8	0.8	2.7	1.6	1.9	3.5	0.7	1.3	2.0	0.8	1.5	2.3	8.0	8.2	16.2	49%	51%
Jul	3.0	0.5	3.6	-	2.4	2.4	1.9	0.8	2.8	1.6	2.0	3.6	0.8	1.3	2.1	0.8	1.6	2.4	8.1	8.6	16.7	48%	52%
Aug	2.9	0.5	3.4	-	2.3	2.3	1.9	0.8	2.7	1.5	2.1	3.6	0.8	1.4	2.2	0.7	1.6	2.3	7.8	8.6	16.4	47%	53%
Sep	2.7	0.5	3.2	-	2.2	2.2	1.8	0.8	2.6	1.5	2.0	3.5	0.8	1.4	2.1	0.7	1.5	2.2	7.5	8.3	15.8	48%	52%
Oct	2.9	0.5	3.3	-	2.2	2.2	1.8	0.7	2.6	1.8	2.0	3.8	0.8	1.4	2.2	0.7	1.7	2.3	8.0	8.5	16.5	48%	52%
Nov	2.6	0.4	3.1	-	2.1	2.1	1.6	0.7	2.3	2.0	1.9	3.8	0.8	1.4	2.1	0.6	1.7	2.3	7.5	8.2	15.7	48%	52%
Dec	2.9	0.4	3.3	-	2.1	2.1	1.5	0.8	2.2	2.2	1.8	4.0	0.8	1.4	2.2	0.7	1.6	2.3	8.0	8.1	16.1	50%	50%

Source: Central Water Authority

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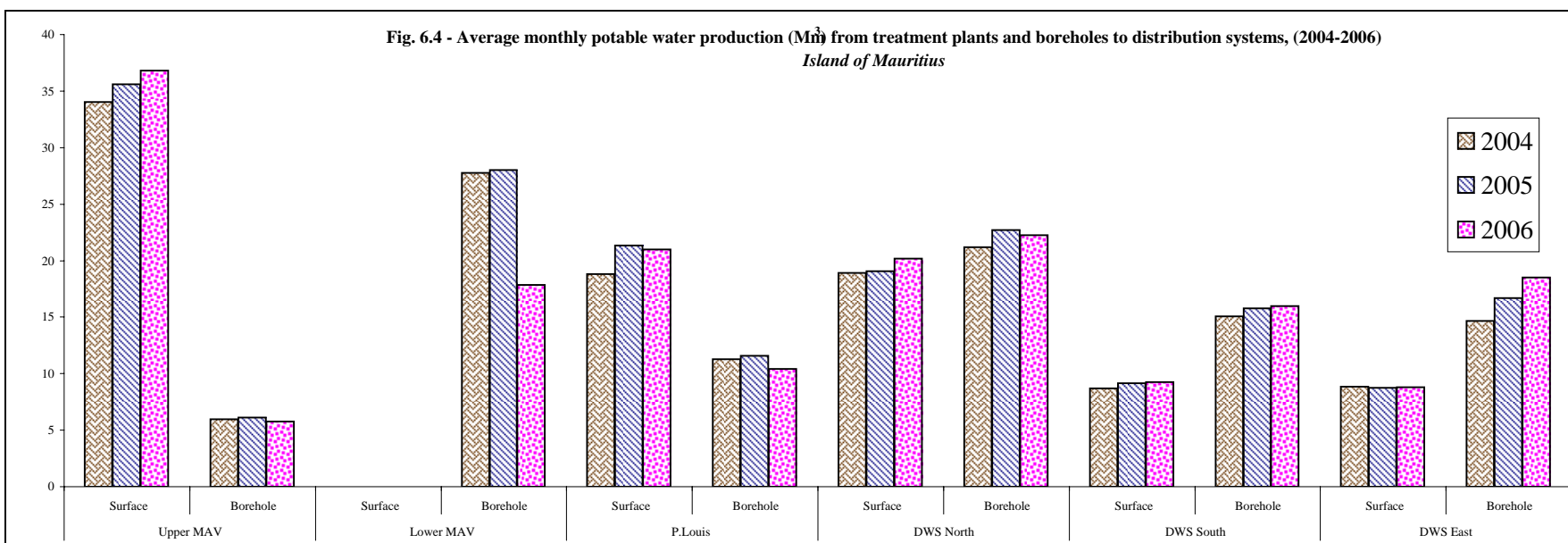


Table 6.10 - Water sales by type of tariff of subscriber, 2002 - 2006 (Island of Mauritius)

Type of tariff	2002	2003	2004	2005	2006	2002	2003	2004	2005	2006
	No. of subscribers					% distribution of subscribers				
Domestic	243,689	250,752	258,381	265,763	272,269	93.8	93.8	93.9	93.9	93.8
Government	3,538	3,614	3,585	3,708	3,763	1.4	1.4	1.3	1.3	1.3
Acquired / concessionary prizes	48	48	47	45	45	0.0	0.0	0.0	0.0	0.0
Commercial	9,233	9,455	9,638	9,823	10,102	3.6	3.5	3.5	3.5	3.5
Hotels, Guest Houses	191	192	188	197	206	0.1	0.1	0.1	0.1	0.1
Industrial	766	762	746	741	736	0.3	0.3	0.3	0.3	0.3
Sub total	257,465	264,823	272,585	280,277	287,121	99.1	99.1	99.0	99.0	98.9
Vegetable & Livestock producers	2,009	2,164	2,377	2,632	2,871	0.8	0.8	0.9	0.9	1.0
Total potable water	259,474	266,997	274,962	282,909	289,992	99.9	99.9	99.9	99.9	99.9
Total non-treated water (agriculture/Industrial)	231	253	254	267	276	0.1	0.1	0.1	0.1	0.1
Grand Total	259,705	267,250	275,216	283,176	290,268	100.0	100.0	100.0	100.0	100.0
	Volume sold (thousand m ³)					% Consumption				
Domestic	67,618	70,253	70,562	73,055	73,264	67.1	67.7	68.9	67.8	67.5
Government	4,026	4,228	4,285	4,632	4,541	4.0	4.1	4.2	4.3	4.2
Acquired / concessionary prizes	21	23	20	19	17	0.0	0.0	0.0	0.0	0.0
Commercial	5,186	5,573	5,653	5,790	5,971	5.1	5.4	5.5	5.4	5.6
Hotels, Guest Houses	3,492	3,644	3,694	4,080	4,294	3.5	3.5	3.6	3.8	2.9
Industrial	4,727	4,988	4,775	4,770	4,710	4.7	4.8	4.7	4.4	4.7
Sub total	85,069	88,708	88,989	92,344	92,798	84.4	85.5	86.9	85.6	87.1
Vegetable & Livestock producers	1,023	1,103	1,131	1,322	1,405	1.0	1.1	1.1	1.2	0.8
Total potable water	86,093	89,812	90,121	93,666	94,203	85.4	86.5	88.0	86.9	86.8
Total non-treated water (agriculture/Industrial)	14,693	13,993	12,265	14,161	14,343	14.6	13.5	12.0	13.1	13.2
Grand Total	100,786	103,805	102,386	107,827	108,547	100.0	100.0	100.0	100.0	100.0
	Amount collectible Rs.(000)					Average sales price (Rs)				
Domestic	441,618	505,750	502,533	523,112	530,170	6.53	7.20	7.12	7.16	7.24
Government	71,328	77,117	76,023	77,890	78,634	17.72	18.24	17.74	16.82	17.32
Acquired / concessionary prizes	129	169	138	125	123	6.30	7.46	6.93	6.73	7.16
Commercial	78,993	92,332	93,477	95,712	100,268	15.23	16.57	16.54	16.53	16.79
Hotels, Guest Houses	90,494	106,544	108,072	119,215	124,802	25.91	29.24	29.25	29.22	29.06
Industrial	65,799	74,734	72,079	71,797	71,114	13.92	14.98	15.10	15.05	15.10
Sub total	748,360	856,645	852,323	887,851	905,111	8.80	9.66	9.58	9.61	9.75
Vegetable & Livestock producers	7,993	8,615	8,833	10,109	10,990	7.81	7.81	7.81	7.65	7.82
Total potable water	756,354	865,260	861,155	897,960	916,102	8.79	9.63	9.56	9.59	9.72
Total non-treated water (agriculture/Industrial)	23,788	38,420	36,295	36,565	38,225	1.62	2.75	2.96	2.58	2.66
Grand Total	780,142	903,680	897,450	934,526	954,326	7.74	8.71	8.77	8.67	8.79

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 - 1990 & 2000

Geographical location	Water supply							Total
	Piped water			Tank wagon	Well/river	Other	Not stated	
	Inside living quarter	Outside living quarter	Outside premises/public fountain					
Housing and Population Census 1990								
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
Total	131,689	77,031	12,196	389	510	7,530	22	229,367
	(57.4%)	(33.6%)	(5.3%)	(0.2%)	(0.2%)	(3.3%)	(0.0%)	(100.0%)
Island of Rodrigues	849	2,317	1,265	19	2,582	236	-	7,268
Republic of Mauritius	132,538	79,348	13,461	408	3,092	7,766	22	236,635
	(56.0%)	(33.5%)	(5.7%)	(0.2%)	(1.3%)	(3.3%)	(0.0%)	(100.0%)
Housing and Population Census 2000								
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	0	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
Total	246,205	38,862	1,113	133	96	2,754	7	289,170
	(85.1%)	(13.4%)	(0.4%)	(0.0%)	(0.0%)	(1.0%)	(0.0%)	(100.0%)
Island of Rodrigues	3,163	4,270	359	67	410	382	-	8,651
Agalega	-	-	-	-	-	60	-	60
Republic of Mauritius	249,368	43,132	1,472	200	506	3,196	7	297,881
	(83.7%)	(14.5%)	(0.5%)	(0.1%)	(0.2%)	(1.1%)	(0.0%)	(100.0%)

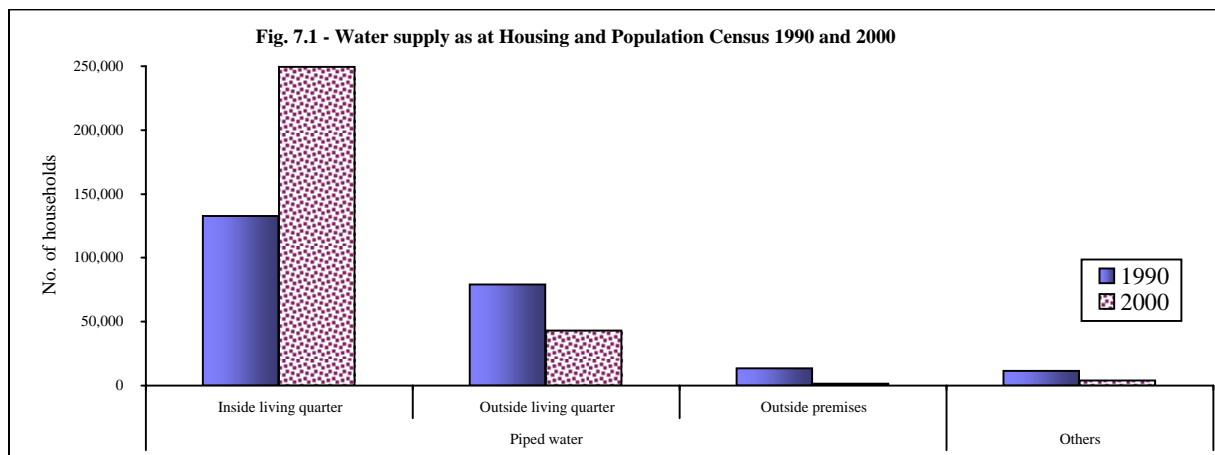


Table 7.2 - Private households by geographical location of residence and availability of water tank and connection to sewerage system
- Housing and Population Census 2000

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
Total	105,234	183,857	79	289,170	58,452	230,718
	<i>(36.4%)</i>	<i>(63.6%)</i>	<i>(0.0%)</i>	<i>(100.0%)</i>	<i>(20.2%)</i>	<i>(79.8%)</i>
Island of Rodrigues	3,273	5,372	6	8,651	26	8,625
Agalega	40	20	-	60	-	60
Republic of Mauritius	108,547	189,249	85	297,881	58,478	239,403
	<i>(36.4%)</i>	<i>(63.5%)</i>	<i>(0.0%)</i>	<i>(100.0%)</i>	<i>(19.6%)</i>	<i>(80.4%)</i>