

DIGEST OF ENVIRONMENT STATISTICS – 2007

Foreword

This is the sixth issue of the Digest of Environment Statistics prepared by the Central Statistics Office.

It presents in a single report detailed available data concerning the environment. Many of the statistics presented have been gathered from various institutions and thus some of the data may already be available in other publications. The digest covers a wide range of environmental topics in a readily accessible form to provide a handy reference.

The data provided in this publication and covering the period 1998 to 2007, wherever possible, are the latest available. These may be subject to revision in later issues. All data, unless otherwise stated, refer to the Island of Mauritius.

It is hoped that these statistics will prove useful to the public in general, particularly to planners, decision makers and researchers.

The digest has been prepared with the collaboration of the Ministry of Environment and National Development Unit and several other organisations. The cooperation and assistance of all these organisations are gratefully acknowledged.

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TECHNICAL NOTES

Introduction

The statistics presented in this report are divided into six main chapters corresponding to the following components of the natural environment: Flora, Fauna, Atmosphere, Water, Land and Human Settlements.

Concept and coverage

The following United Nations manuals have been used as a basis for the compilation of the data on environment statistics.

- A Framework for the Development of Environment Statistics, Statistical Papers, M78, United Nations.
- Concepts and Methods of Environment Statistics, Statistics of Natural Environment, Studies in Methods, F57, United Nations.
- Concepts and Methods of Environment Statistics, Human Settlements Statistics, Studies in Methods, F51, United Nations.
- Glossary of Environment Statistics, Studies in Methods, Series F, No. 67.

The digest covers data for the period 1998 to 2007, wherever possible. Environmental data are collected over different time periods, ranging from decades in some major censuses to monthly, daily, hourly or even continual monitoring. Hence, in some cases, annual data are not available due to the periodicity of censuses and surveys.

Sources

The tables and figures have been compiled with the help of the following organisations:

- Ministry of Environment and National Development Unit
- The Forestry Service - Ministry of Agro Industry, local production and Security
- National Parks and Conservation Service - Ministry of Agro Industry, local production and Security
- Albion Fisheries Research Centre - Ministry of Agro Industry, local production and Security
- Agricultural Research and Extension Unit (AREU) - Ministry of Agro Industry, local production and Security
- The Meteorological Services
- Water Resources Unit - Ministry of Public Utilities.
- Central Water Authority
- Central Electricity Board

- Statistics Unit – Ministry of Health and Quality of Life.
- Ministry of Local Government.
- Waste Water Management Authority

Data in tables where sources are not indicated have been extracted from publications of the Central Statistics Office.

Concepts and definitions

Environment

Environment is the totality of all the external conditions affecting the life, development and survival of an organism.

Flora

Flora: A general term for all forms of plant life characteristic of a region, period or special environment.

Protected Area: Legally established land or water area under either public or private ownership that is regulated and managed to achieve specific conservation objectives.

Silviculture: Management of forest land for timber, including

- (i) Weeding : Weeding is defined as the removal of unwanted plants, particularly at seedling stage.
- (ii) Staking : Straightening of young plants bent during cyclones, using guava sticks.
- (iii) Recruiting: Replacement of dead seedlings at the initial stage of growth.

Wetland: Area of low-lying land where the water table is at or near the surface most of the time. Wetlands include swamps, bogs, fens, marshes and estuaries.

Fauna

Fauna: A general term for all forms of animal life characteristic of a region, period or special environment.

Marine Park: Permanent marine reservation for the conservation of species. It constitutes an extension, to the undersea world, of the concept of the terrestrial national park.

Atmosphere

Greenhouse gases (GHG): These gases occur naturally and result from human activities (production and consumption) that contribute directly or indirectly to global warming. Some main GHG are Carbon Dioxide (CO₂), methane (CH₄) and Nitrous Oxide (N₂O). Other gases such as Carbon monoxide (CO), oxides of Nitrogen (NO_x), non methane volatile organic compounds (NMVOC) and Sulphur dioxide (SO₂), contribute indirectly to global warming. GHG act much like a glass greenhouse, trapping heat in the lower levels of the atmosphere and reflecting the heat back to the earth's surface, causing it to heat up.

Ozone depletion: Destruction of ozone in the stratosphere, where it shields the earth from harmful ultraviolet radiation.

Chlorofluorocarbons: Inert, non-toxic and easily liquefied chemicals used in refrigeration, air-conditioning, packing and insulation or as solvents and aerosol propellants.

Water

Water balance: The water balance is based on long term records of annual average rainfall and indicates how freshwater resources are distributed.

Precipitation: Rain falling from the atmosphere and deposited on land or water surfaces.

Evapotranspiration: Combined loss of water by evaporation from the soil or surface water and transpiration from plants and animals.

Surface runoff: The flow of surface water from rainfall, which flows directly to streams, rivers, lakes and sea. Runoff may cause soil erosion.

Groundwater recharge: Process by which water is added from outside to fresh water found beneath the earth surface.

Ecosystem: The interacting system of a biological community and its non living surroundings.

Temperature: This is a measurement of the intensity (not amount) of heat stored in a volume of water. It affects the solubility of many chemical compounds and can therefore influence the effect of pollutants on aquatic life.

pH Value: Measure of the acidity or alkalinity of a liquid. A pH value in the range of 0 to less than 7 indicates acidity, a pH value in the range of more than 7 to 14 indicates alkalinity, and a pH value of 7 signifies neutrality.

Dissolved Oxygen (DO): This is a measure of the amount of oxygen dissolved in water. DO is essential to the respiratory metabolism of most aquatic organisms. It affects the solubility and availability of nutrients.

Conductivity: This is the measurement of the ability of water to conduct an electric current. It can indicate saline intrusion or other sources of pollution.

Total Dissolved Solids (TDS): This is a measure of the amount of dissolved material in the water. High concentrations of TDS limit the suitability of water as a drinking source and irrigation supply.

Turbidity: This is a measurement of the suspended particulate matter in a water body, which interferes with the passage of a beam of light through the water. High levels of turbidity increase the total available surface area of solids in suspension upon which bacteria can grow. High turbidity reduces light penetration.

Chemical Oxygen Demand (COD): This is a measure of the oxygen required to oxidize all compounds in water. It represents the amount of organic matter in the media.

Fluoride: Fluoride may be present as the result of the natural decomposition of rocks.

Chloride: Chloride appears in the highest concentrations in natural fresh water systems. It is important in terms of metabolic processes. High Chloride levels can make freshwater unpalatable and unsuitable for various uses including agriculture.

Sulphate: Sulphate usually occurs in natural waters. High concentrations of sulphate can have a laxative effect on human beings.

Nitrate: This is a measure of the most oxidised and stable form of nitrogen in a water body. It is used by plants as a nutrient to stimulate growth. Excessive amount of nitrate can lead to eutrophication.

Eutrophication: This is the slow process during which a lake or estuary evolves into a bog or marsh and eventually disappears.

Phosphate: Phosphorus in the form of phosphate commonly occurs in all natural waters. It is a nutrient and is used by plants to stimulate growth. High concentrations of phosphate can cause eutrophication.

Pesticide: a product or substance used in the control of pests which may affect public health or attack resources of use to man.

Waste water: Used water typically discharged into the sewage system. It contains matter and bacteria in solution or suspension.

Sedimentation: Settling of matter to the bottom of a liquid or water body, notably a reservoir.

Land

Land use: Land use refers to the main activity taking place on an area of land, for example, farming, forestry or housing.

Built-up areas: Built-up areas consist of land under houses, industrial zones, quarries or any other facilities, including their auxiliary spaces, deliberately installed so that human activities may be pursued.

Nutrient: A nutrient is a substance, element or compound necessary for the growth and development of plants.

Solid waste: These are useless, and sometimes hazardous, materials with low liquid content. Solid waste includes domestic garbage, industrial and commercial waste, sewage sludge, wastes resulting from agricultural and animal husbandry operations and other connected activities and demolition wastes.

Landfill: Final placement of waste in or on the land in a controlled or uncontrolled way according to different sanitary, environmental protection and other safety requirements.

Environmental impact assessment (EIA): Analytical process that systematically examines the possible environmental consequences of the implementation of projects, programmes and policies.

Preliminary environmental report (PER): This is a short form of EIA and this preliminary analysis is undertaken to identify the impacts associated with the proposed development and the means of mitigation

Human settlements

Human settlements: Integrative concept that comprises (a) physical components of shelter and infrastructure and (b) services to which the physical elements provide support, that is, community services such as education, health, culture, welfare, recreation and nutrition.

Gross Domestic Product (GDP): GDP is 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.

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

Energy intensity: Energy intensity provides a measure of the efficiency with which energy is being used in production.

Life expectancy at birth: This is the average number of years that a new born child would be expected to live if subjected to the mortality conditions expressed by a particular set of age-specific death rates.

ABBREVIATIONS AND SYMBOLS**Abbreviations**

Rs mn	Rupees million
Rs	Rupees
US\$	US dollar
LPG	Liquefied petroleum gas
%	Percentage
f.o.b	Free on board
c.i.f	Cost, insurance, freight
000	Thousand
n.e.s	Not elsewhere specified
Mm ³	Million cubic metres
Gg	Gigagram (thousand tonne)
ktoe	Thousand tonne of oil equivalent
Toe	Tonne of oil equivalent
⁰ C	Degrees celsius
mg/l	Milligram per litre
mS/cm	Millisiemens per centimetre
g/l	Gram per litre
NTU	Nephelometric Turbidity Unit
µg/m ³	Microgram per cubic metres
ppb	Part per billion
ppm	Part per million
PM 10	Dust or Particulate Matter with a diameter less than 10 micrometer
TSP	Total suspended particles
EIA	Environmental impact assessment
PER	Preliminary environmental report
IUCN	International Union for the conservation of nature

Symbols

-	Nil or negligible
...	Not available

Conversion factor : 1 Square kilometre = 100 hectares

Environment Statistics, 2007 – An Overview

1. Flora

1.1 Forestry

Preservation of forests is vital for the protection of the ecosystem. Table 1.1 shows the forest area by category of ownership for the Island of Mauritius. In 2007, total forest area was 47,176 hectares, of which 22,176 (47%) were state-owned and the remaining 25,000 hectares (53%) were privately-owned.

Out of the state-owned forest area, about 11,878 hectares (53%) were planted areas while the National Park and the nature reserves accounted for another 6,575 (30%) and 800 (4%) hectares respectively. Forest area under the category “Pas Geometriques” represented about 631 hectares or 3%.

Most of the privately-owned forest lands included scrubs and grazing land and they were estimated at around 18,500 hectares all over the island. Total reserves of the privately-owned lands accounted for 6,550 hectares.

1.2 Land Protected Areas

The land protected areas as shown in Table 1.6 totalled to 14,854 hectares. The Black River Gorges National Park represented 6,574 hectares (45%), followed by the mountain reserves, 3,800 hectares (26%) and river reserves which are all privately-owned, 2,740 hectares (19%). The nature reserves constituting of the islets accounted for nearly 621 hectares (4%).

2. Fauna

2.1 Livestock

Cattle, goat, sheep and pig represented the major livestock in the country. As at June 2007, goats dominated the livestock population with an estimated population of 24,411 heads (50%), followed by pigs, 17,223 (35%), cattle, 6,540 (13%) and sheep, 1,101 (2%) (Table 2.1).

2.2 Agro-industrial production

In 2007, production of beef was the leading contributor to the total livestock production (76%). The remaining livestock production comprised pork (21%), goat meat and mutton (3%). Poultry accounted for some 40,000 tonnes and milk production amounted to around 3.5 million litres (Table 2.3).

2.3 *Fish catch and production*

Table 2.4 shows a steady decline in fish production from 9,786 tonnes in 1998 to 5,983 tonnes in 2007. Compared to 2006, a decrease of 33% was noted in the fish production for the year 2007.

In 2007, fish production through coastal (artisanal) fishery amounted to 640 tonnes. Basket trap accounted for 39% of the total catch, followed by line (27%) and large net (21%) (Table 2.5).

In 2007, the mean catch per day per fisherman (coastal) was 4.4 kilogram (Table 2.8).

2.4 *Marine Protected Areas (MPA)*

The 7,216 hectares of marine protected areas consist of marine parks, fishing reserves and wetland. In 2007, the area occupied by the fishing reserves was about 6,350 hectares (88.0%), followed by the marine parks, 838 hectares (11.6%) and wetland, 26 hectares (0.4%). (Table 2.17).

3. *Atmosphere*

3.1 *Air quality*

The Ministry of Environment and National Development Unit has both stationary and mobile air quality monitoring stations that are operational since 2001.

The main pollutants under investigation are Dust (PM 10), Ozone, Sulphur Dioxide, Nitrogen Dioxide, Carbon Monoxide, Total Suspended Particles and Lead.

The results for all the pollutants under study at the four monitoring stations showed that the levels of ambient pollutants for the 24 hour averages were well below the norms (Standards for air quality). This implies that the overall quality of the ambient air in the monitoring areas is at a good and permissible level (Table 3.5).

3.2 *Greenhouse gas (GHG)*

Mauritius as a party to the United Nations Framework Convention on Climate Change (UNFCCC) is updating periodically the inventory of anthropogenic emissions and removals of greenhouse gases using IPCC (Intergovernmental Panel on Climate Change) guidelines. GHG are gases occurring naturally and resulting from human activities which act much like a glass greenhouse, trapping heat in the lower levels of the atmosphere and reflecting the heat back to the earth's surface, causing it to heat up.

3.2.1 Total GHG emissions and removals

Table 3.6 shows the total emissions and removals of greenhouse gases of which carbon dioxide (CO₂) constituted 96%. The data indicate a rise in net CO₂ emissions from 3,156 thousand tonnes in 2006 to 3,226 thousand tonnes in 2007. Net emissions take into account the removal of CO₂ by forests which act as 'sinks'.

3.2.2 Greenhouse gas inventory

The national inventory of greenhouse gas emissions by source categories for the years 2006 and 2007 is given in Table 3.8. Carbon dioxide with an emission of 3,349 thousand tonnes in 2007 was the major greenhouse gas injected in the atmosphere. Most of this gas was produced as a result of fuel combustion activities such as electricity production, transport and manufacturing processes.

3.2.2.1 Carbon dioxide emissions from fuel combustion activities.

Carbon dioxide emission resulting from fuel combustion went up from 3,347 thousand tonnes in 2006 to 3,448 thousand tonnes in 2007 (+3%), driven mostly by a 8% increase of CO₂ emissions from the energy industries.

The energy industries remain the principal source of CO₂ emission in the atmosphere. They contributed around 60% of the emissions, with 2,068 thousand tonnes in 2007. They were followed by the transport sector which contributed 23% of the total emissions and the manufacturing industries with 12%.

3.2.2.2 Non-CO₂ emissions

Non-CO₂ emissions were minimal and in 2007 they were distributed in thousand tonnes as follows: carbon monoxide 65.4, sulphur dioxide 35.1, non-methane volatile organic compounds (NMVOC) 17.1, oxide of nitrogen 16.6, methane 12.6 and nitrous oxide 1.3.

3.3 Ozone-depleting substances

The consumption of ozone-depleting substances increased by 13% from 139 metric tonnes in 2006 to 157 metric tonnes in 2007. Around 99% of the ozone-depleting substances constituted of the hydro-chlorofluorocarbons (HCFC's).

4. Water

Freshwater resources are of vital environmental and biological importance, since water is a basic support element for human life and ecosystems.

4.1 Water balance

The water balance is based on long term records of annual average rainfall and indicates how fresh water resources are distributed.

In 2007, the island of Mauritius received 3,644 million cubic metres (Mm³) of precipitation (rainfall). This was 2.0% higher than in 2006 when 3,571 Mm³ were obtained. Surface runoff accounted for 60% of the water balance, while evapotranspiration and ground water recharge accounted for 30% and 10% respectively (Table 4.3).

4.2 Water utilisation

In 2007 the total water demand was estimated at 884 Mm³. The agricultural sector accounted for most of the water utilised with 423 Mm³ or 48%. Utilisation for the other purposes was as follows: hydropower 254 Mm³ or 29%, domestic, industrial and tourism 201 Mm³ or 23% (Table 4.4).

Around 82 % of the total fresh water abstracted came from surface water (reservoirs, rivers and streams) and the remaining 18 % from groundwater (Table 4.5).

4.3 Water consumption

The domestic consumption of water went down from 167 to 162 litres per person per day from 2006 to 2007 (Table 4.11). Consumption was at its lowest in 1999 at 149 litres per person per day, due to the severe drought prevailing during that year.

5. Land

5.1 Land use

Urbanisation and the development of industries and infrastructure have led to a loss of agricultural land.

Table 5.1 shows data on land use for 1995 and 2005. During that period, the proportion of land under sugarcane decreased by 6%, tea plantations declined by 82% and forestry by 17%. Land used for other agricultural activities increased by 33% while built up areas expanded by 28%.

Between 1995 and 2005, the proportion of land under agriculture dropped from 48.2% to 46.4%, and that of forestry from 35.1% to 30.6% whilst built-up areas increased from 13.4% to 19.5% (Table 5.1 and figure 16).

The effective area under sugarcane has gradually shrunk to 68,523 hectares in 2007 from 70,801 hectares in 2006 (-3.2%). During the same period area under tea

plantation increased from 688 hectares to 709 hectares (3.0%) and area under tobacco rose to 258 hectares from 252 hectares (2.4%) (Table 5.2).

5.2 Fertiliser and other inputs

Intensive use of chemical based fertilisers and other agro-chemicals may contribute to the pollution of the environment through the leaching of nitrate to ground water.

The total quantity of fertilisers imported is shown in Table 5.6. The imports of fertilisers for the year 2007 were 45,336 tonnes, a decrease of around 18% over the 2006 figure of 55,313 tonnes.

5.3 Waste disposal

Increasing waste generation and consequently its disposal pose a major environmental problem. Waste collected are either sent directly to the Mare Chicose Sanitary Landfill, which started operating by the end of 1997, or go through the process of compaction at the four transfer stations (St Martin, Roche Bois, Poudre D'Or and La Brasserie) before their transportation to the landfill site.

Solid waste has been tracked mainly as domestic, construction and others. In 2006, with the outbreak of the *Chikungunia* disease, some 110 clean-up campaigns were carried out throughout the country which caused the amount of wastes to rise up.

In 2007, the total amount of solid waste landfilled at Mare Chicose stabilised to 388,367 tonnes from 407,040 tonnes in 2006 (Table 5.10).

5.4 Environmental Impacts Assessment (EIA) and Preliminary Environmental Report (PER) Licences

The Ministry of Environment and National Development Unit grants EIA licences to meet environmental requirements. Those undertakings that require such a licence are listed in the First Schedule of the new Environment Protection Act, 2002.

In 2007, 56 EIA licences were granted of which 33% each were issued to industrial development and poultry rearing and related works and 23% were provided to housing (Housing projects like bungalows, flats etc), (Tab 5.12) .

During the same period, 96 PER licences were granted, out of which 29% were for industrial development projects.

6. Human settlement

6.1 *The economy*

Table 6.1 shows some main environment indicators over the ten year period, 1998 - 2007. Table 6.2 provides some key socio-economic indicators showing the structural changes that have occurred during the same period.

Gross Domestic Product (GDP), which measures the total value of production, increased in nominal terms by about 107%, from Rs 100,042 million in 1998 to Rs 206,981 million in 2007. The share of agriculture in GDP fell from 9.3% in 1998 to 4.7% in 2007; that of manufacturing decreased from 24.0% to 19.8%, while that of financial and business services increased from 16.1% to 21.4%.

During the same period, population of the Republic of Mauritius increased by 8.6% from 1,160,421 to 1,260,403 and population density from 572 to 620 per km².

6.2 *Energy*

While being an essential ingredient for the economic development and for the well being of the population, energy-related activities are also a source of major concern for the environment. They are by far the most important contributors of air pollutants, through the emission of carbon dioxide and other greenhouse gases.

6.2.1 *Primary energy requirement*

The total primary energy requirement of the country increased by 0.4%, from 1,374 ktoe in 2006, to 1,379 ktoe in 2007. Around 82% of the total primary energy requirement was met by imported fuels (oil, LPG and coal) and the remaining 18%, obtained from local sources (bagasse and hydro). Details on the primary energy requirement by energy source are shown in Table 6.14.

6.2.2 *Inputs for electricity production*

Different types of fuel are used for electricity production. Coal remained the most important input and its share rose from 42% in 2006 to 48% in 2007. On the other hand, the contribution of fuel oil fell from 31% to 26% and that of kerosene from 0.3% to 0.2% (Table 6.16).

6.2.3 *Final energy consumption*

In 2007, final energy consumption reached around 853 ktoe, a decrease of 2.4% over the figure of 874 ktoe in 2006. Changes in the different sectors were as follows: “Commercial and Distributive Trade” (+6.0%), “Transport” (-3.8%),

“Household” (+0.2%), “Manufacturing” (-3.3%) and the agricultural sector (+2.1%) (Table 6.18).

The largest consumers were the transport and manufacturing sectors, which accounted for 48% and 31% of the total energy consumption respectively (Table 6.19).

6.2.4 Transport

Industrialisation, continuous economic growth and higher standard of living have led to a rapid increase in transport services over the recent years. A number of environmental problems are associated with transport, especially emission of carbon dioxide and other pollutants such as nitrogen oxide, volatile organic compounds, sulphur dioxide and particulate.

In 2007, petroleum products used for transportation were as follows; 151,780 tonnes of diesel oil, 98,940 tonnes of gasoline, 6,633 tonnes of liquefied petroleum gas (LPG) and 138,104 tonnes of aviation fuel (Table 6.17).

6.3 Stock of registered motor vehicles

In 2007, the fleet of motor vehicles reached 334,145, up by 4.6% over the year 2006 (Table 6.20).

6.4 Complaints

The number of complaints by category received by the Pollution Prevention and Control Division at the Ministry of Environment and National Development Unit for the years 1998 to 2007 is shown in Table 6.33. The number of complaints decrease from 813 in 2006 to 568 in 2007. The major causes for complaints were noise (24%) and solid waste and odour (15% each).

6.5 Contraventions

In 2007, the Police de L'Environnement issued 8,432 contraventions of which illegal littering accounted for 96% (8,119).

During the same period, 3,796 notices were issued to drivers of vehicles emitting black smoke (Table 6.34).

CHAPTER 1

FLORA

Table 1.1 - Forest area by category, 1998 - 2007

	Hectares									
Category	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
State - owned	22,519	22,492	22,089	22,089	22,089	22,068	22,200	22,185	22,181	22,176
Plantations	12,609	12,608	12,359	12,362	12,418	12,256	11,816	11,828	11,848	11,878
Nature reserves	799	799	799	799	799	799	799	799	799	799
<i>on mainland</i>	200	200	200	200	200	200	200	200	200	200
<i>islets</i>	599	599	599	599	599	599	599	599	599	599
National Park ¹	6,574	6,574	6,574	6,574	6,574	6,574	6,574	6,574	6,574	6,574
Islet National Park ²	-	-	-	-	-	-	134	134	134	134
Bras D'Eau & Poste La Fayette Reserves ³	-	-	-	-	-	-	472	472	472	472
Vallee D'Osterlog Endemic Garden	-	-	-	-	-	-	-	-	-	275
Other Forest Lands	1,885	1,859	1,705	1,702	1,646	1,804	1,770	1,743	1,719	1,413
Pas Geometriques	652	652	652	652	652	635	635	635	635	631
<i>Plantations</i>	224	225	224	230	243	226	226	226	226	222
<i>Leased for grazing and tree planting</i>	230	230	230	230	230	230	230	230	230	230
<i>Unplanted, protective or to be planted</i>	198	197	198	192	179	179	179	179	179	179
Privately - owned lands	34,540	34,540	34,540	34,540	34,540	34,540	25,000	25,000	25,000	25,000
Reserves	6,553	6,553	6,553	6,553	6,553	6,553	6,553	6,553	6,553	6,553
<i>Mountain reserves</i>	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800
<i>River reserves</i>	2,740	2,740	2,740	2,740	2,740	2,740	2,740	2,740	2,740	2,740
<i>Nature reserves</i>	13	13	13	13	13	13	13	13	13	13
Other ⁴	27,987	27,987	27,987	27,987	27,987	27,987	18,447	18,447	18,447	18,447
Total	57,059	57,032	56,629	56,629	56,629	56,608	47,200	47,185	47,181	47,176

Source : Forestry Service, Ministry of Agro Industry and Fisheries

¹ Black River Gorges National Park was proclaimed in 1994 and data on the area enclosed by the boundaries of the park were not available until 1997.

² Islet National Park was proclaimed in 1994.

³ Bras D'Eau & Poste La Fayette Reserves were proclaimed in 2002 and data of the area is included as from the year 2004..

⁴ Includes Plantations, forest lands, scrub and grazing lands. Forest area was decreasing gradually. New estimates in private lands worked out in 2004.

Table 1.2 - Changes in forest-land cover, 1998 and 2007

	Area (hectares)		% of total land area	
	1998	2007	1998	2007
Forests lands :	57,059	47,181	30.6	25.3
of which				
Plantations	12,672	11,878	6.8	6.4
Nature reserves	799	799	0.4	0.4
National park	6,574	6,574	3.5	3.5
Unplantable, protective or to be planted	1,822	1,413	1.0	0.8
Pas Geometriques	652	631	0.3	0.3
Other ¹	34,540	25,886	18.5	13.9

¹ Privately owned forest lands including reserves, plantation , scrub and grazing lands.

Table 1.3 - Local production, imports and consumption of timber, poles and fuelwood, 1998 - 2007

	cubic metre (roundwood)									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Local Production	22,392	25,694	18,977	16,945	15,910	14,007	13,973	12,098	14,532	13,952
Timber	8,261	7,049	5,402	4,941	4,346	4,565	5,057	4,818	6,869	5,332
<i>State Lands</i>	7,489	5,549	4,742	4,401	3,796	3,730	4,587	4,628	6,067	4,874
<i>Private Lands</i> ¹	772	1,500	660	540	550	835	470	190	802	458
Poles	4,032	6,511	3,404	2,670	2,642	2,976	3,111	2,187	1,605	1,553
<i>State Lands</i>	2,232	3,147	2,516	1,580	1,612	1,911	2,356	1,677	1,060	1,022
<i>Private Lands</i> ¹	1,800	3,364	888	1,090	1,030	1,065	755	510	545	531
Fuelwood	10,099	12,134	10,171	9,334	8,922	6,466	5,805	5,093	6,058	7,067
<i>State Lands</i>	8,524	10,539	9,256	8,429	7,992	5,189	5,170	4,578	4,765	6,116
<i>Private Lands</i> ¹	1,575	1,595	915	905	930	1,277	635	515	1,293	951
Imports of timber ²	84,641	67,441	63,407	106,277	85,488	65,558	108,677	111,764	89,085	132,503
Total Consumption ³	107,033	93,135	82,384	123,222	101,398	79,565	122,650	123,862	103,617	146,455

Source : Forestry Service, Ministry of Agro Industry and Fisheries

¹ Estimates

² Roundwood equivalent

³ Excludes plywood, paper and other wood products.

Table 1.4 - Forest fires and area affected, 1998 - 2007

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Number of incidents	35	34	23	40	37	27	14	16	26	25
Area affected (Ha)	157	133	117	122	116	134	93	61	94	154
of which										
<i>Protected areas</i>	62	12	33	67	44	13	-	4	8	4
<i>Unprotected areas</i>	95	121	84	55	72	121	93	57	86	150

Source : Forestry Service, Ministry of Agro Industry and Fishries

Fig.1 - Forest fires and area affected, 1998 - 2007

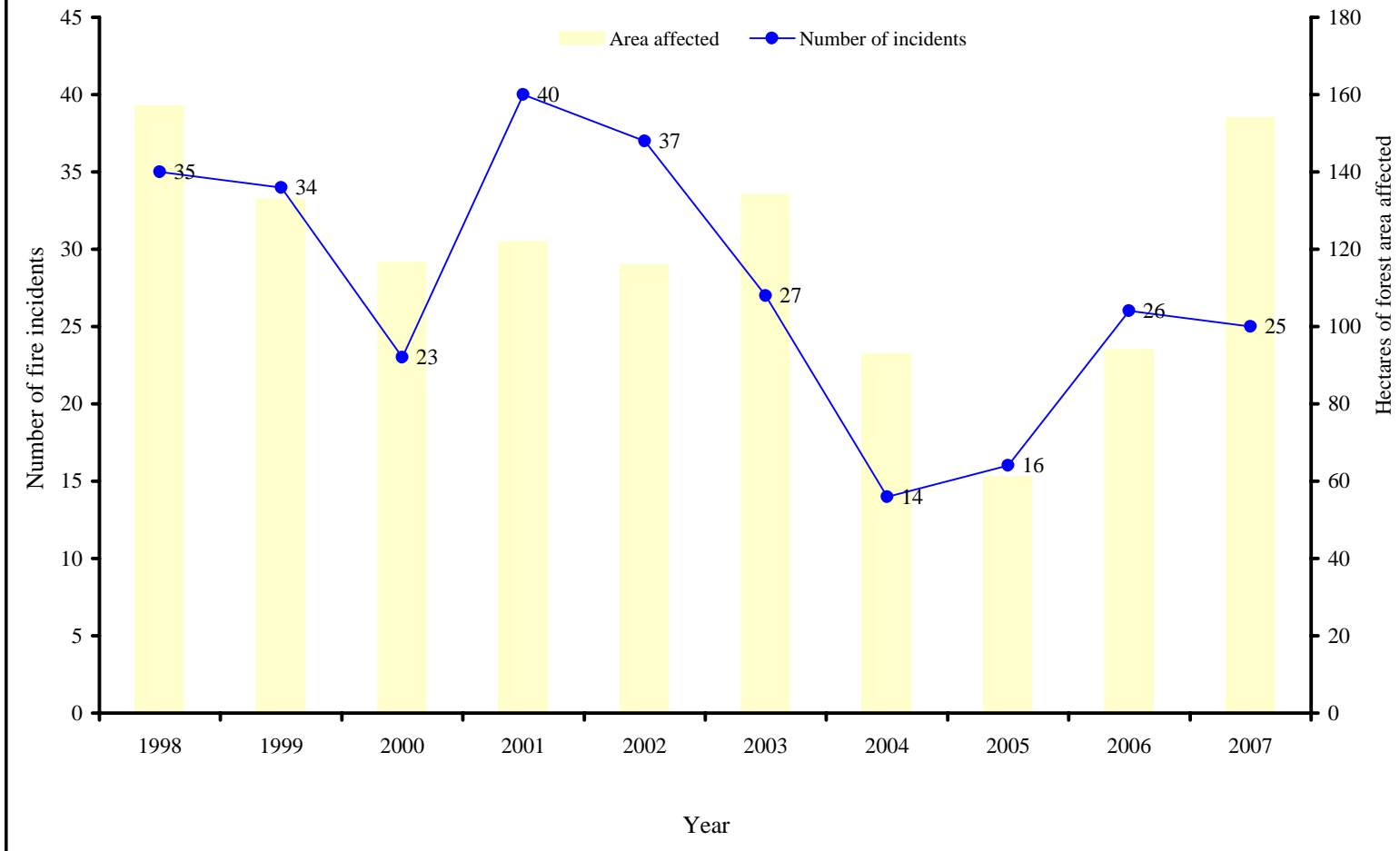


Table 1.5 - Silvicultural operations carried out in state forest land plantation, 1998 - 2007

Type of operation	Hectares									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Clearing for planting	120	182	79	34	84	56	97	107	54	56
Planting	145	155	117	133	151	110	110	92	80	50
Weeding	606	361	649	596	490	402	300	282	266	174
Recruiting	395	251	533	462	394	391	298	222	257	208
Staking	208	337	372	14	629	30	15	35	44	214
Cleaning	542	508	498	718	606	744	586	484	331	417
Pruning	18	24	39	50	33	89	46	49	26	5

Note: There may be overlapping of operations. For instance part of the area that is planted in a year could have been cleared in the same year.

Source : Forestry Service, Ministry of Agro Industry and Fisheries

Table 1.6 - List of land protected areas, Republic of Mauritius, 2007

Land protected areas	Area
Black River Gorges National Park	6,574
Bras D'Eau & Poste La Fayette Reserves	472
Vallee D'Osterlog Endemic Garden	275
Nature reserves (mainland)	225
Pouce	69
Perrier	2
Bois Sec	6
Gouly Pere	11
Corps de Garde	90
Cabinet	18
Les Mares	5
Grande Montagne (Rodrigues)	14
Anse Quitar (Rodrigues)	10
Islet National Park	134
Nature reserves (Islets)	621
Gunner's Quoin	76
Iles aux Aigrettes	25
Iles aux Serpents	31
Flat Island	253
Round Island	169
Gabriel Island	42
Illot Marianne	2
Iles aux Cocos (Rodrigues)	15
Iles aux Sables (Rodrigues)	8
Mountain Reserves (all privately owned)	3,800
River reserves (all privately owned)	2,740
Nature reserves (privately owned)	13
Mondrain	5
Sir Emile Series	8
Total	14,854

Source : Forestry Service, Ministry of Agro Industry and Fisheries

Note: The reserves constituted the state owned and privately-owned lands; under the state owned there were the "Reserves", "Nature Reserves (land)" and the Nature Reserves (islets); the rest were privately-owned.

Table 1.7 - Number of offences detected against forest laws¹ by category, 1998 - 2007

Category	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Unauthorised felling/removal	94	113	65	87	51	53	67	67	86	87
Illegal possession of wood	-	-	-	-	2	-	-	-	3	1
Encroachment	5	11	16	9	8	20	16	12	9	16
Illegal deposit of stones/materials	13	13	17	17	9	24	9	12	14	19
Illegal possession of implements	-	4	2	-	2	-	2	-	3	2
Erection of structures and others	5	15	2	8	12	10	5	20	18	13
Total	117	156	102	121	84	107	99	111	133	138

Source : Forestry Service, Ministry of Agro Industry and Fisheries

¹ include cases taken to court, treated departmentally, outstanding, and in which offenders were unknown.

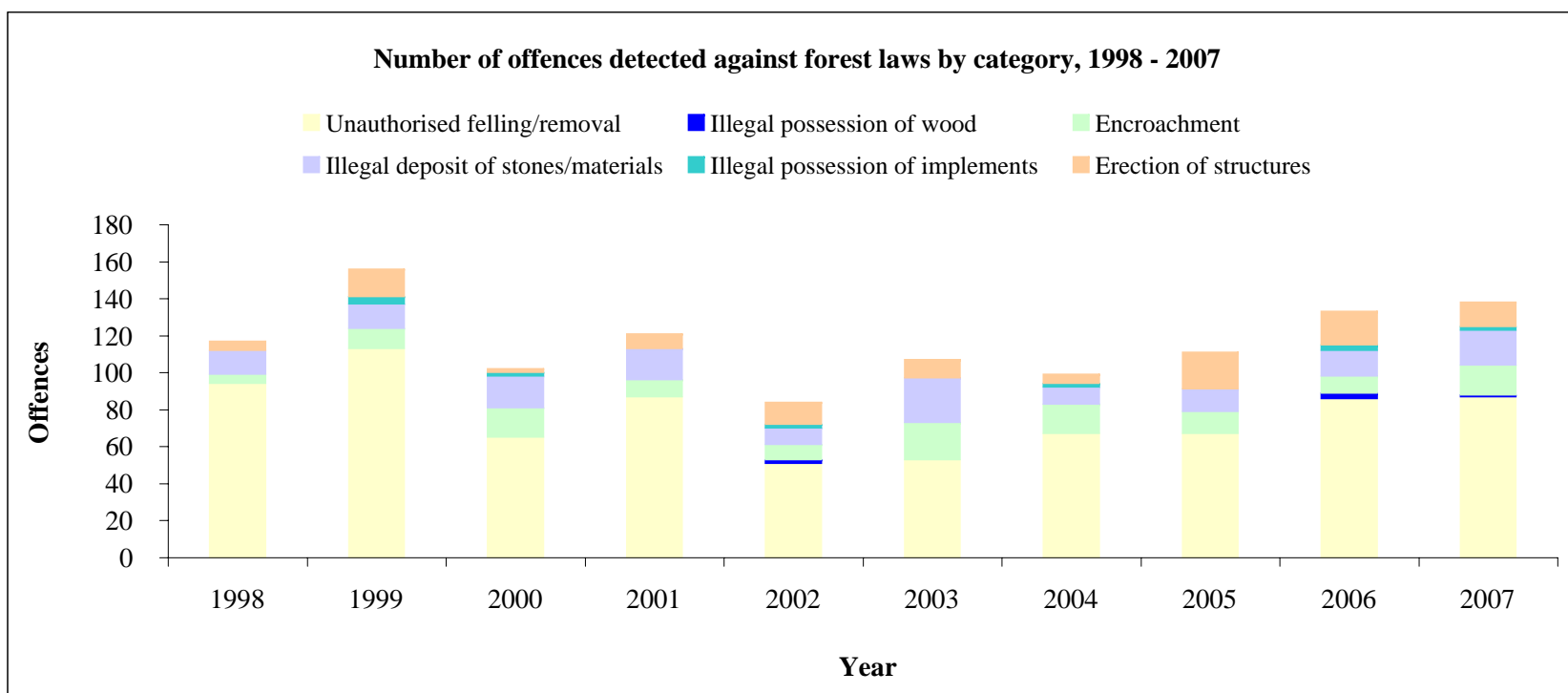


Table 1.8 - Forest plantations ¹ by type of plants, 1998 - 2007

Type of plant	Hectares									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Soft wood										
Pine	8,169	8,192	8,078	8,035	8,062	8,113	8,136	8,143	8,162	8,195
Other softwood	1,601	1,601	1,597	1,599	1,609	1,609	1,609	1,612	1,613	1,613
Hardwood										
Eucalyptus and Casuarina	2,039	2,015	1,884	1,906	1,919	1,921	1,450	1,450	1,450	1,443
Other hardwood	800	800	800	822	828	839	847	849	849	849
Total	12,609	12,608	12,359	12,362	12,418	12,482	12,042	12,054	12,074	12,100

Source : Forestry Service, Ministry of Agro Industry and Fisheries

¹ State land

Fig. 3 - Percentage composition of forest plantations, 2007

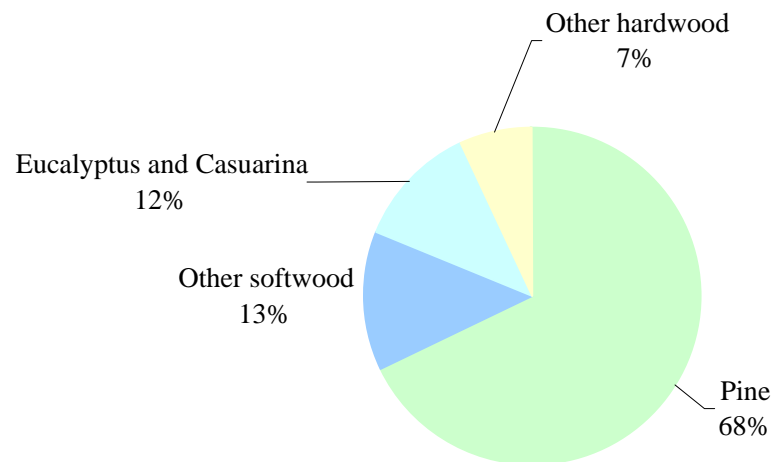


Table 1.9 - Number of seedlings raised, by species, at the nurseries of the Forestry Service, 1998 - 2007

Species	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Pine	404,306	622,154	465,060	393,768	300,119	313,293	133,162	222,975	203,594	170,840
Eucalyptus	180,444	113,500	75,510	57,871	47,018	10,000	11,400	12,535	20,950	5,000
Cryptomoria	4,471	15,455	3,285	4,100	14,531	6,265	14,722	8,820	455	1,382
Casuarina (Filao)	162,900	25,585	36,842	45,519	23,198	32,650	6,449	-	5,091	6,000
Araucaria	34	1,485	52,601	22,347	47,961	19,291	5,098	1,026	20,578	22,780
Juniper	-	842	-	-	818	-	55	-	7	-
Other ¹	262,650	135,828	299,612	228,313	193,063	231,219	189,397	264,990	279,615	200,578
Total	1,014,805	914,849	932,910	751,918	626,708	612,718	360,283	510,346	530,290	406,580

Source : Forestry Service, Ministry of Agro Industry and Fisheries

¹ includes ornamentals and indigenous forest tree:

Fig. 4 -Number of seedlings raised, by species, at the nurseries of the Forestry Service, 1998 - 2007

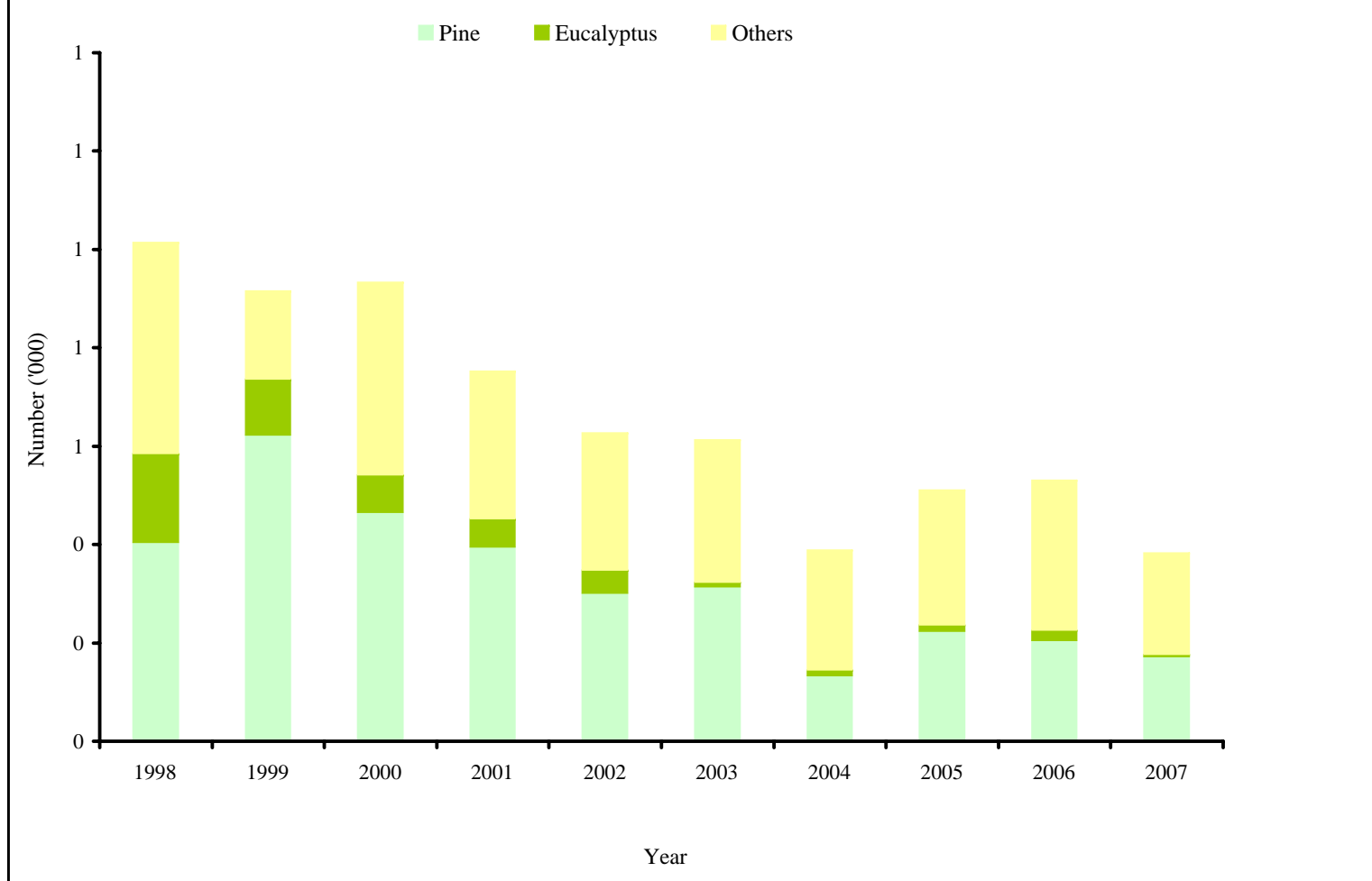


Table 1.10 - Number of plants issued free or sold to the public by the Forestry Service, 1998 - 2007

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Free issue	34,018	15,869	24,754	14,384	16,523	18,181	11,820	13,888	34,476	22,292
Sold	139,912	86,790	126,681	125,823	134,393	138,320	129,768	107,573	108,933	71,779

Source : Forestry Service, Ministry of Agro Industry and Fisheries

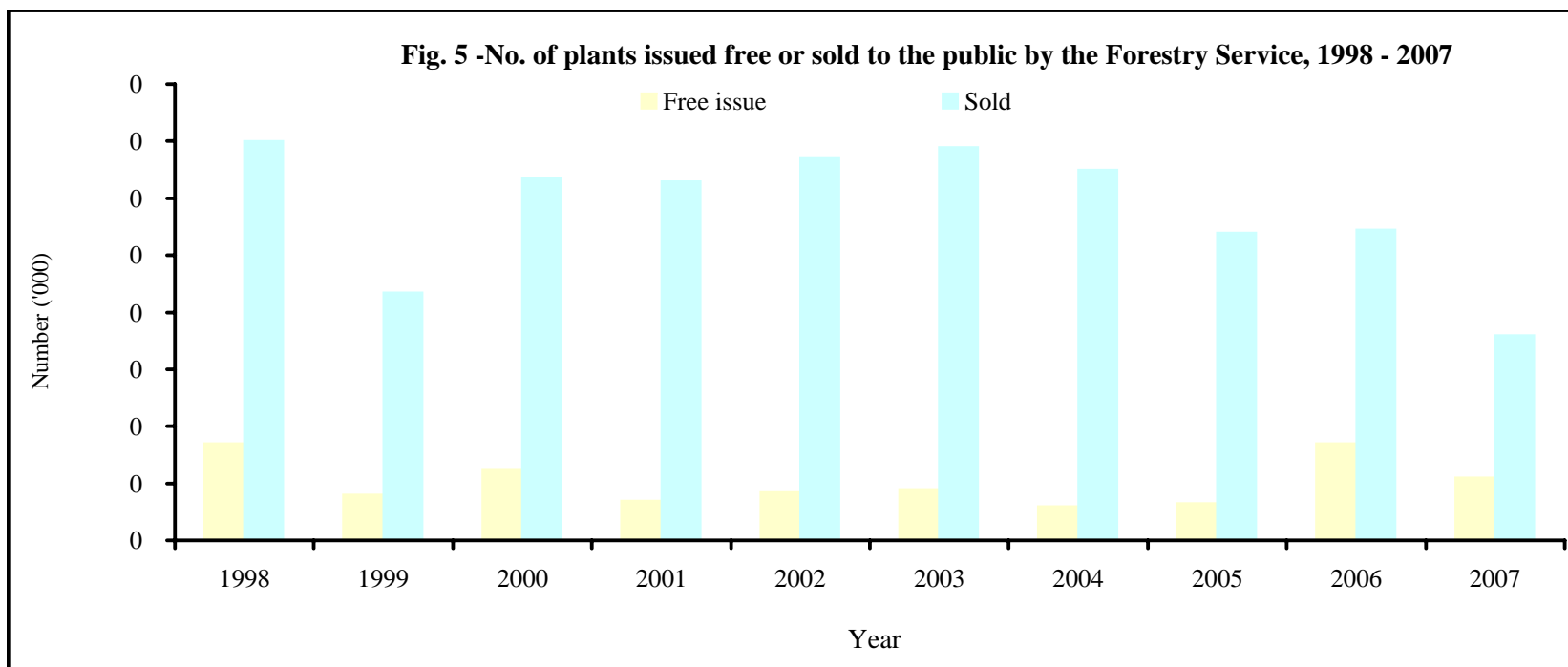


Table 1.11 - Revenue and expenditure¹ of the Forestry Service, 1998 - 2007

Rupees thousand

Revenue item	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Sales of forest produce	6,557	8,172	8,172	6,879	7,159	7,494	8,216	8,093	9,122	9,309
Shooting and fishing rights (Rental)	1,085	1,056	1,056	1,955	2,153	3,157	3,357	5,087	4,924	5,428
Registration Fees	-	-	-	-	-	-	-	-	-	1,374
Horticulture Lease	-	-	-	-	-	-	-	-	-	24
Miscellaneous (Wood exploitation licence)	198	246	246	210	207	212	213	213	219	198
Total revenue	7,840	9,483	9,474	9,044	9,519	10,863	11,786	13,393	14,265	16,333
Total expenditure	107,365	115,201	115,201	125,460	128,419	137,738	147,595	148,221	152,851	146,985

Source : Forestry Service, Ministry of Agro Industry and Fisheries

¹ Total expenditure including both recurrent and capital expenditures.

Table 1.12 - Selling rates of timber by type, class ¹ and category ², 1998 - 2007

Item	Rupees per cubic metre									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Standing timber (basic royalty)										
Class I	1,430	1,640	1,640	1,640	1,810	1,810	1,960	1,960	2,160	2,160
Class II	880	1,010	1,010	1,010	1,110	1,110	1,200	1,200	1,320	1,320
Class III										
<i>Category I</i>	690	800	800	800	880	880	950	950	1,050	1,050
<i>Category II</i>	550	650	650	650	715	715	770	770	850	850
Class IV	250	300	300	300	330	330	360	360	400	400
Sound logs at roadside (basic royalty+labour)										
Class I	2,090	2,400	2,400	2,400	2,640	2,640	2,850	2,850	3,140	3,140
Class II	1,540	1,770	1,770	1,770	1,950	1,950	2,110	2,110	2,320	2,320
Class III										
<i>Category I</i>	1,430	1,640	1,640	1,640	1,810	1,810	1,960	1,960	2,160	2,160
<i>Category II</i>	1,210	1,390	1,390	1,390	1,530	1,530	1,650	1,650	1,820	1,820
Class IV	940	1,080	1,080	1,080	1,190	1,190	1,290	1,290	1,420	1,420
Sound logs at Curepipe timber store (basic royalty+labour+transport)										
Class I	3,080	3,540	3,540	3,540	3,900	3,900	4,210	4,210	4,630	4,630
Class II	2,530	2,910	2,910	2,910	3,200	3,200	3,460	3,460	3,810	3,810
Class III										
<i>Category I</i>	2,200	2,530	2,530	2,530	2,780	2,780	3,000	3,000	3,300	3,300
<i>Category II</i>	1,760	2,020	2,020	2,020	2,220	2,220	2,400	2,400	2,640	2,640
Class IV	1,540	1,770	1,770	1,770	1,950	1,950	2,110	2,110	2,320	2,320

Source : Forestry Service, Ministry of Agro Industry and Fisheries

¹ Quality of wood, in decreasing order from Class I to Class IV. ² Category I - timber of 24 cm diameter and above ; Category II - timber of 18 cm to less than 24 cm diameter.

Table 1.13 - Private households using wood and charcoal for cooking, 1990 and 2000 Housing and Population Censuses, Republic of Mauritius

	1990		2000	
	Wood	Charcoal	Wood	Charcoal
Island of Mauritius	55,659	2,577	11,412	521
Urban	7,436	2,093	1,273	349
Rural	48,223	484	10,139	172
Island of Rodrigues	4,011	10	1,509	17
Agalega	...	...	2	-
Republic of Mauritius	59,670	2,587	12,923	538
(% of households)	(25.2)	(1.1)	(4.3)	(0.2)

CHAPTER 2

FAUNA

Table 2.1 - Number of small breeders and livestock population by geographical district as at June 2007

District	Cattle		Goat		Sheep		Pig	
	No. of farmers	Total no. of heads	No. of farmers	Total no. of heads	No. of farmers	Total no. of heads	No. of farmers	Total no. of heads
Pamplemousses	189	711	632	4,558	26	191	36	1,016
Riviere du Rempart	368	1,396	452	4,535	18	356	46	440
Flacq	550	1,327	1,068	7,888	26	265	109	2,801
Plaines Wilhems	150	656	66	440	0	0	12	449
Moka	126	433	42	271	0	0	10	210
Grand Port	165	953	360	2,490	9	79	49	851
Savanne	48	238	150	1,016	8	92	13	254
Black River/Port Louis	104	826	313	3,213	9	118	221	11,202
Total	1,700	6,540	3,083	24,411	96	1,101	496	17,223

Source : Agricultural Research and Extension Unit, Ministry of Agro Industry and Fisheries.

Table 2.2 - Livestock herd and poultry status by geographical district as at June 2007

District	Cattle						Pig					
	No. of farmers	Cows	Calves	Heifers	Bulls	Total no. of heads	No. of farmers	Boars	Sows	Piglets	Fatteners	Total no. of heads
Pamplemousses	189	244	18	176	273	711	36	28	277	333	378	1,016
Riviere du Rempart	368	360	76	303	657	1,396	46	25	95	143	177	440
Flacq	550	513	201	353	260	1,327	109	46	271	517	1,967	2,801
Plaines Wilhems	150	201	26	175	254	656	12	11	87	171	180	449
Moka	126	180	32	140	81	433	10	22	40	87	61	210
Grand Port	165	198	165	268	322	953	49	32	149	320	350	851
Savanne	48	101	21	60	56	238	13	8	22	42	182	254
Black River/Port Louis	104	174	75	115	462	826	221	193	1,414	3,357	6,238	11,202
Total	1,700	1,971	614	1,590	2,365	6,540	496	365	2,355	4,970	9,533	17,223

Source : Agricultural Research and Extension Unit, Ministry of Agro Industry and Fisheries

Table 2.2 (cont'd) - Livestock herd and poultry status by geographical district as at June 2007

District	Sheep				Goat				Poultry ¹					
	No. of farmers	Ewes	Ram	Followers	Total no. of heads	No. of farmers	Bucks	Does	Kids	Total no. of heads	No. of farmers	Broilers	No. of farmers	Layers
Pamplemousses	26	67	82	42	191	632	1,334	1,788	1,436	4,558	36	75,455	31	63,287
Riviere du Rempart	18	126	163	67	356	452	1,453	1,588	1,494	4,535	38	65,798	69	19,089
Flacq	26	98	71	96	265	1,068	2,404	2,570	2,914	7,888	96	101,806	64	28,528
Plaines Wilhems	0	0	0	0	0	66	109	170	161	440	35	93,750	34	68,192
Moka	0	0	0	0	0	42	71	105	95	271	36	110,050	19	87,035
Grand Port	9	41	9	29	79	360	763	902	825	2,490	28	16,615	36	16,732
Savanne	8	37	19	36	92	150	268	423	325	1,016	37	32,190	48	31,540
Black River/Port Louis	9	53	32	33	118	313	850	1,188	1,175	3,213	34	581,850	34	19,386
Total	96	422	376	303	1,101	3,083	7,252	8,734	8,425	24,411	340	1,077,514	335	333,789

Source : Agricultural Research and Extension Unit, Ministry of Agro Industry and Fisheries

¹ Exclude industrial farm

Table 2.3 - Production of selected agro-industrial products, Republic of Mauritius, 1998 - 2007

Detail	Unit	1998	1999	2000	2001	2002	2003	2004	2005	2006 ¹	2007 ²
Beef ³	tonnes	2,516	2,575	2,538	2,248	2,428	2,505	2,456	2,484	2,187	1,847
<i>Local (including Rodrigues)</i>	"	340	279	240	375	208	202	137	73	99	90
<i>Imported</i>	"	2,176	2,296	2,298	1,873	2,221	2,303	2,319	2,411	2,088	1,757
Goat meat and mutton ³	"	118	125	102	114	114	107	107	111	99	75
Pork ³	"	752	678	891	882	756	785	743	709	681	511
Poultry	"	18,300	20,900	25,600	27,200	29,305	30,000	33,000	33,000	36,000	40,000
Milk	'000 Litres	5,500	5,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	3,500

¹ Revised

² Provisional

³ Abattoir slaughters only

Table 2.4 - Fish production by type of fishery (in fresh - weight equivalent) , 1998 - 2007

Tonnes											
Type of fishery	Type	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Artisanal fishery											
Coastal fishery-Island of Mauritius	Fresh	1,229	1,225	1,360	1,075	1,302	1,166	1,043	947	950	640
Sports fishery	Fresh	650	650	650	650	650	650	650	650	650	650
Amateur fishery	Fresh	300	300	300	300	300	300	300	300	300	300
Barachois	Fresh	13	10	5	6	7	6	4	4	2	2
Ponds (prawn and fish)	Fresh	93	71	82	52	39	27	437	374	436	17
Marine aquaculture	Fresh	...	...	...	...	...	...	...	...	...	150
FAD ¹ fishery	Fresh	...	...	...	...	...	...	...	...	214	164
Offshore demersal fishery											
Shallow water banks	Frozen	3,731	4,297	4,303	3,366	3,943	3,713	3,216	2,178	3,112	2,848
Banks deep water snappers	Fresh	226	-	55	329	5	-	-	-	-	-
St Brandon inshore	Frozen & salted	594	557	497	557	491	578	311	414	235	54
Semi - industrial chilled fish	Chilled	102	172	185	188	204	234	178	223	311	171
Tuna fishery	Frozen	2,848	3,304	417	-	219	1,118	1,640	1,402	1,380	803
Sword fish fishery	Chilled	-	-	21	87	45	111	97	177	247	184
Demersal trawlers	Frozen	-	-	-	2,184	2,113	1,806	1,595	2,584	1,112	-
Total		9,786	10,586	7,875	8,794	9,318	9,709	9,471	9,253	8,949	5,983

Source : Albion Fisheries Research Centre, Ministry of Agro Industry and Fisheries

Note : Tuna production dropped considerably in the year 2000 because the mauritian purse seiner had stopped operation but the production picked up later.

¹ FAD: Fish Aggregating device

Table 2.5 - Annual fish catch of the coastal (artisanal) fishery by gear - type, 1998 - 2007

Gear-type	Tonnes									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Basket trap	394.4	282.0	404.9	357.5	450.8	492.6	425.3	433.8	343.8	251.2
Line	264.2	339.1	503.2	368.4	429.3	373.4	285.8	288.8	303.7	169.9
Basket trap and Line	212.3	156.0	83.3	59.1	91.8	17.5	54.9	16.8	19.6	16.2
Large net	217.1	294.7	230.7	172.9	183.4	160.6	168.1	121.5	201.1	132.7
Gill net	16.8	16.0	12.8	11.4	25.3	13.6	11.3	8.2	11.3	7.6
Cast net/Harpoon/on foot	123.9	137.1	125.1	105.9	121.1	108.1	97.4	78.2	70.5	62.4
Total	1,228.8	1,224.8	1,360.0	1,075.2	1,301.7	1,165.8	1,042.8	947.3	950.0	640.0

Source : Albion Fisheries Research Centre, Ministry of Agro Industry and Fisheries

Table 2.6 - Number of active fishermen by gear - type, 1998 - 2007

Gear-type	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Basket trap	242	256	286	519	501	473	445	493	275	283
Line/Harpoon	451	523	642	678	734	749	896	789	764	770
Basket trap and Line	561	609	559	610	600	670	736	689	1,111	876
Large net	270	270	226	180	165	177	159	189	149	137
Gill net	23	27	28	27	28	17	20	14	13	12
Cast net	38	31	-	-	-	-	-	-	-	-
Total	1,585	1,716	1,741	2,014	2,028	2,086	2,256	2,174	2,312	2,078

Source : Albion Fisheries Research Centre, Ministry of Agro Industry and Fisheries

Table 2.7 - Fisherman-days and total catch ¹ from the lagoon and off lagoon, 1998 - 2007

Year	Fisherman-days			Catch (tonnes)
	Lagoon	Off lagoon	Total	
1998	173,153	68,882	242,035	1,229
1999	170,612	70,107	240,719	1,225
2000	147,649	74,973	222,622	1,360
2001	144,927	93,744	238,671	1,075
2002	192,116	108,708	300,824	1,302
2003	189,988	83,362	273,350	1,166
2004	195,087	58,516	263,603	1,043
2005	153,771	77,429	231,200	947
2006	145,089	68,961	241,050	950
2007	92,261	51,622	144,883	640

Source : Albion Fisheries Research Centre, Ministry of Agro Industry and Fisheries

¹ Coastal (artisanal) fishery

Table 2.8 - Catch per fisherman-day, 1998 - 2007

Year	Kilogram		
	Lagoon	Off - lagoon	Mean
1998	4.7	6.1	5.1
1999	4.8	5.9	5.3
2000	4.8	8.8	6.1
2001	4.0	5.3	4.5
2002	3.7	5.5	4.3
2003	3.7	5.5	4.3
2004	3.6	5.0	4.2
2005	3.5	5.2	4.1
2006	4.0	5.4	4.4
2007	3.8	5.5	4.4

Source : Albion Fisheries Research Centre, Ministry of Agro Industry and Fisheries

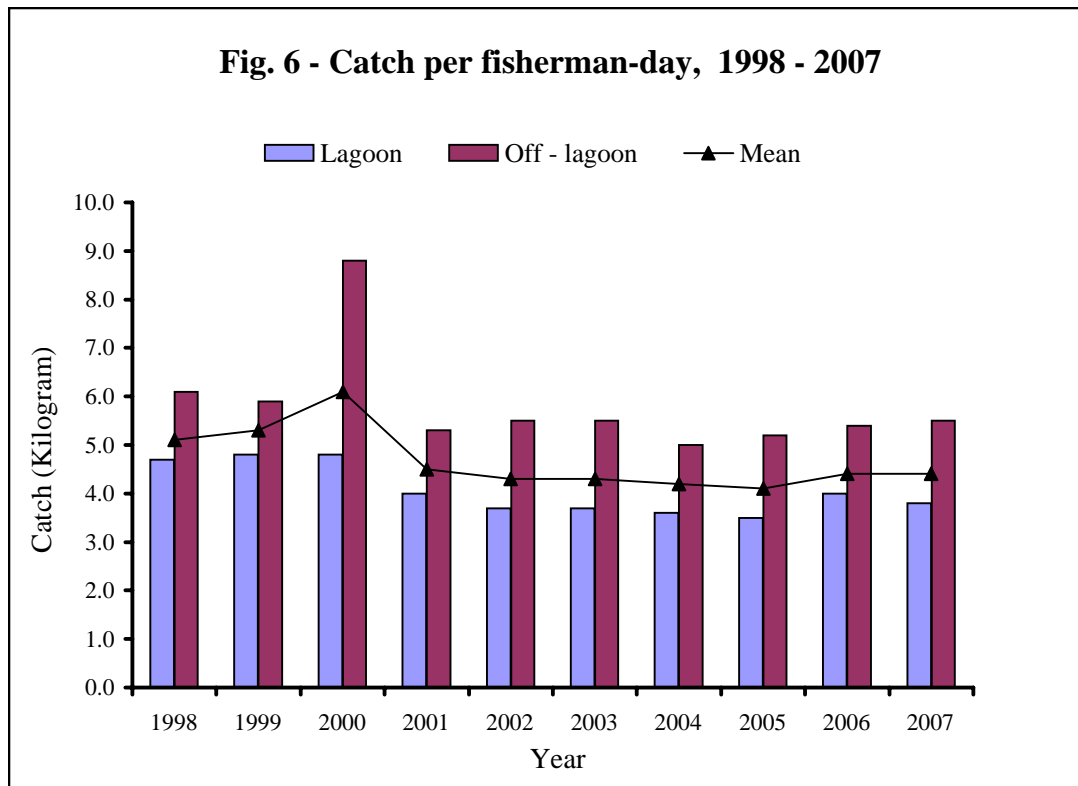


Table 2.9 - Average price of fresh fish and other sea food, 1998 - 2007

Species	Rupees per kilogram									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Homard	365	370	415	475	475	480	495	515	550	600
Crab and crevette	270	270	260	270	295	285	275	290	275	320
Vieille rouge	175	180	185	180	185	180	190	215	230	255
Vacoas, sacrechien	140	135	140	145	150	150	160	160	175	175
Capitaine	120	125	135	140	145	140	155	170	170	180
Dame berri	110	110	120	130	135	130	140	150	170	170
Octopus	85	90	90	100	100	100	105	125	130	135
Carangue	85	85	95	100	110	100	115	115	120	130
Cordonier	80	80	80	85	85	90	100	105	115	120
Rouget, tuna	80	75	80	80	80	85	90	95	110	115
Mulet voile	65	65	70	75	75	80	85	95	100	105
Bordemar	75	75	80	80	80	85	100	95	90	110
Licorne	75	75	80	85	95	95	100	115	115	125
Cateaux	60	60	65	65	70	75	75	70	85	90
Other fish	45	45	45	45	45	40	55	50	65	75
Shark	25	25	25	35	35	55	45	45	50	50

Source : Albion Fisheries Research Centre, Ministry of Agro Industry and Fisheries

Table 2.10 - Annual catch by banks, 1998 - 2007

Tonnes¹

Year	Saya de Malha	Nazareth	St. Brandon	Chagos	Albatros	Total catch
1998	2,054	1,086	400	81	76	3,697
1999	2,107	1,121	452	127	226	4,033
2000	2,099	1,080	356	312	141	3,899
2001	1,283	1,366	359	228	202	3,438
2002	2,090	918	375	223	161	3,767
2003	2,355	469	510	235	172	3,741
2004	1,693	881	359	124	117	3,174
2005	1,028	578	344	0	163	2,113
2006	1,645	777	292	136	177	3,027
2007	1,513	732	140	130	74	2,589

Source : Albion Fisheries Research Centre, Ministry of Agro Industry and Fisheries

¹ Product weight = Brought frozen without offals

St Brandon includes frozen, salted and chilled fish product weight

Albatross include catch by banks and from St Martin

Table 2.11- Import, export and trade balance of fish and fish products, 1998 - 2007

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Imports										
Quantity (tonnes)	34,331	30,339	42,146	52,050	87,335	63,515	81,315	104,830	150,728	129,085
Value (Rupees million)	1,113.2	793.1	1,057.9	1,754.3	3,984.7	2,540.4	3,186.6	4,261.2	6,720.9	7,068.0
Exports										
Quantity (tonnes)	13,022	15,206	18,151	27,381	49,558	50,329	54,241	67,249	79,707	86,170
Value (Rupees million)	972.6	971.2	961.5	1,840.8	4,078.6	3,167.3	3,358.1	4,842.1	7,120.4	8,172.8
Trade Balance (Rupees million)	-140.6	178.1	-96.4	86.5	93.9	624.9	171.5	580.9	395.5	1,104.8

Source : Albion Fisheries Research Centre, Ministry of Agro Industry and Fisheries

Table 2.12 - Total number and type of fishing vessels calling at Port Louis , 1998 - 2007

Type/category	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Tuna long liners and squid vessels	481	456	452	476	448	392	419	628	708	561
Purse seiners (local)	9	3	2	-	-	2	2	8	9	13
Reefers	24	37	46	50	39	42	33	32	48	62
Trawlers	10	18	55	52	22	20	20	13	13	8
Hand liners	58	75	63	56	108	179	217	190	179	137
Long liners (Ice cod fish sp.) (Patagonian tooth fish vessel)	88	47	80	62	44	51	24	19	21	18
Others, unspecified vessels	...	...	...	...	2	2	3	4	1	1
Total	670	636	698	696	663	688	718	894	979	800

Source : Albion Fisheries Research Centre, Ministry of Agro Industry and Fisheries

Table 2.13 - Per capita consumption of fish, 1998 - 2007

Year	Quantity
1998	20.0
1999	16.4
2000	23.1
2001	19.6
2002	20.0
2003	18.7
2004	19.3
2005	18.8
2006	17.6
2007	18.0

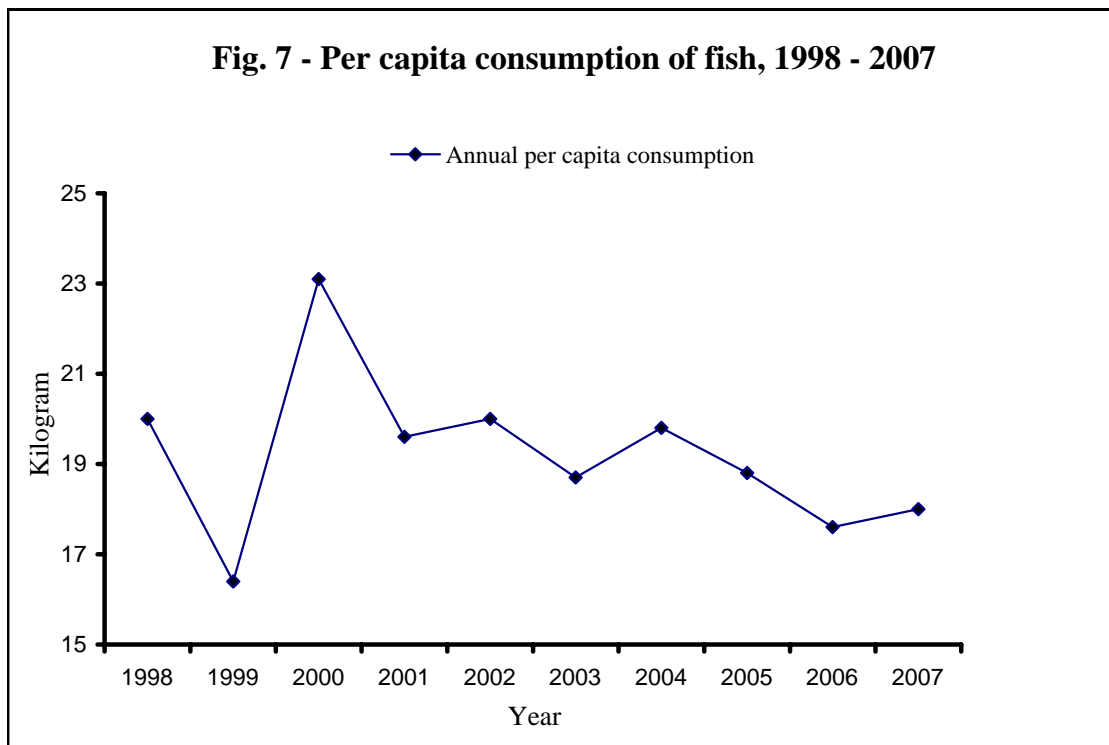


Table 2.14 - Cases of poisoning¹ by noxious fish and shellfish, venomous animals and plants, 1998 - 2007

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total										
General hospital discharges due to accidental poisoning by noxious fish and shellfish	22	69	53	67	26	79	50	60	46	32
General hospital discharges due to venomous animals and plants as the cause of poisoning and toxic reactions	201	186	170	189	93	159	222	193	287	150
Male										
General hospital discharges due to accidental poisoning by noxious fish and shellfish	13	32	26	33	12	40	19	24	21	18
General hospital discharges due to venomous animals and plants as the cause of poisoning and toxic reactions	149	155	118	144	71	109	176	137	167	112
Female										
General hospital discharges due to accidental poisoning by noxious fish and shellfish	9	37	27	34	14	39	31	36	25	14
General hospital discharges due to venomous animals and plants as the cause of poisoning and toxic reactions	52	31	52	45	22	50	46	56	120	38

Source : Statistics Unit, Ministry of Health and Quality of Life

¹ Cases treated as in - patients in Government General Hospitals

Table 2.15 - List of fishable areas, Republic of Mauritius

Kilometre square

Region	Depth	Area
Mauritius	Up to 100 metres	1,208
Banks		
Saint Brandon	0 - 35 metres	2,950
Nazareth	0 - 35 metres	7,625
Saya de Malha	0 - 100 metres	28,350
Chagos	0 - 35 metres	6,830
Rodrigues	0 - 100 metres	1,688
Agalega	0- 100 metres	15
Tromelin	...	...
Total		48,666

Source : State of the Environment Report - 1991

Table 2.16 - Percentage of substrate cover at various monitoring stations, 2005 - 2006

Site		Year	Coral	Algae	Abiotic ¹	Other ²
Baie du Tombeau	Back reef	2005	64	2	34	n.o
		2006	-	-	-	-
Le Goulet	Fore reef	2005	74	2	21	3
		2006	74	5	16	3
Ile aux Benitiers	Fore reef	2005	26	1	71	n.o
		2006	-	-	-	-
	Back reef	2005	7	2	92	n.o
		2006	-	-	-	-
	Shore reef	2005	15	0	85	n.o
		2006	-	-	-	-
Bel Ombre	Back reef	2005	24	42	34	n.o
		2006	17	24	55	2
	Shore reef	2005	48	4	48	n.o
		2006	45	9	42	n.o
Bambous Virieux	Back reef	2005	48	14	37	1
		2006	-	-	-	-
	Shore reef	2005	35	49	16	n.o
		2006	-	-	-	-
Trou d'eau Douce	Back reef	2005	-	-	-	-
		2006	-	-	-	-
	Shore reef	2005	59	2	36	3
		2006	-	-	-	-
Anse La Raie	Back reef	2005	37	27	36	n.o
		2006	70	14	15	n.o
	Shore reef	2005	75	5	20	n.o
		2006	74	20	6	n.o
Trou Aux Biches	Back reef	2005	40	2	58	n.o
		2006	-	-	-	-
	Fore reef	2005	28	6	64	2
		2006	-	-	-	-
Pointe Aux Sables	Back reef	2005	39	6	53	n.o
		2006	47	1	47	n.o
	Fore reef	2005	-	-	-	-
		2006	-	-	-	-
Albion	Back reef	2005	19	22	59	n.o
		2006	12	13	75	n.o
	Fore reef	2005	27	2	68	3
		2006	20	10	66	4
Poudre D'Or Site I	Back reef	2005	50	36	14	n.o
		2006	-	-	-	-
Poudre D'Or Site II	Back reef	2005	64	4	32	n.o
		2006	-	-	-	-
Belle Mare (Site I)	Back reef	2005	50	60	14	n.o
		2006	60	23	17	n.o
Belle Mare (Site II)	Back reef	2005	64	4	32	n.o
		2006	70	11	19	n.o

Source : Albion Fisheries Research Centre, Ministry of Agro Industry and Fisheries

¹ Rocks, sand, dead corals etc. ² Sponges, crown of thorns (starfish), sea urchins etc ; n.o: Not observed

Table 2.17 - List of Marine Protected Areas, 2007

Hectares	
Marine protected areas	Area
Marine parks	838
Blue bay	353
Balaclava	485
Fishing reserves	6,352
Port Louis	331
Poudre d'Or	2,542
Poste La Fayette	280
Trou d'Eau Douce	574
Grand Port zone A	1,716
Grand Port zone B	112
Black River	797
Wetland	26
Rivulet Terre Rouge Estuary Bird Sanctuary	26
Total	7,216

Source : Albion Fisheries Research Centre, Ministry of Agro Industry and Fisheries

CHAPTER 3

ATMOSPHERE

Table 3.1 Monthly mean maximum temperature, 1998 - 2007

Degrees celcius

YEAR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>
1998	30.7	1.4	30.2	0.9	30.2	1.1	28.5	0.3	27.4	0.8	25.6	0.6	24.3	0.1	24.3	0.2	25.5	0.5	27.0	0.8	28.3	0.5	29.4	0.6
1999	30.1	0.8	29.8	0.5	29.6	0.6	29.3	1.2	28.1	1.5	26.1	1.1	24.4	0.2	24.5	0.4	25.4	0.4	26.3	0.1	28.1	0.4	28.6	-0.2
2000	29.6	0.4	28.9	-0.4	28.5	-0.6	28.1	-0.1	26.9	0.3	24.9	-0.1	23.7	-0.4	23.6	-0.4	24.8	-0.2	25.9	-0.2	27.3	-0.4	29.2	0.4
2001	29.8	0.5	29.6	0.3	29.7	0.6	28.4	0.3	27.3	0.7	24.6	-0.4	24.5	0.3	24.8	0.7	26.1	1.1	26.7	0.5	28.0	0.3	29.8	1.0
2002	29.3	0.0	30.2	0.8	29.5	0.4	28.5	0.3	26.6	0.0	24.6	-0.4	24.3	0.1	23.9	-0.2	25.2	0.2	26.6	0.4	28.5	0.8	29.2	0.4
2003	30.3	1.0	29.9	0.6	29.5	0.5	28.7	0.6	27.2	0.6	24.8	-0.3	23.3	-0.9	23.9	-0.2	24.9	-0.1	26.8	0.6	28.2	0.2	30.0	1.0
2004	29.5	-0.1	30.2	0.7	29.6	0.4	28.1	-0.2	25.8	-1.1	24.2	-1.0	24.5	0.2	24.8	0.4	25.8	0.7	26.8	0.4	27.9	-0.1	28.7	-0.3
2005	30.5	0.9	29.9	0.5	29.5	0.4	29.1	0.8	26.7	-0.1	25.1	0.0	24.1	-0.1	24.3	-0.1	24.7	-0.5	25.8	-0.6	27.3	-0.7	29.3	0.2
2006	29.6	0.0	29.4	0.1	29.1	-0.1	28.9	0.7	27.6	0.8	25.7	0.6	24.4	0.1	24.3	0.0	25.4	0.3	26.5	0.1	28.6	0.6	30.3	1.3
2007	30.3	0.7	29.8	0.4	29.2	0.0	28.6	0.4	27.5	0.7	25.2	0.0	25.1	0.9	24.9	0.6	25.7	0.5	26.2	-0.3	28.4	0.4	29.9	0.8

Source: Meteorological Services

Table 3.2 - Monthly mean minimum temperature, 1998 - 2007

Degrees Celcius

YEAR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>
1998	23.1	1.3	24.0	2.0	22.5	0.7	21.6	0.8	19.5	0.7	17.9	0.6	16.9	0.3	16.8	0.4	17.4	0.6	17.9	0.0	18.8	-0.6	20.1	-0.9
1999	20.9	-0.8	21.5	-0.6	21.3	-0.5	20.7	0.0	18.8	0.0	17.5	0.3	17.0	0.3	17.1	0.7	17.6	0.8	17.0	-0.9	19.5	0.1	20.7	-0.3
2000	22.5	0.7	22.4	0.3	21.9	-0.1	21.0	0.2	19.5	0.6	17.7	0.4	17.1	0.4	17.2	0.8	16.8	0.0	17.9	0.0	19.3	-0.1	21.3	0.4
2001	22.7	1.0	22.6	0.5	22.3	0.5	21.5	0.7	19.9	1.0	17.0	-0.3	16.5	-0.2	...	...	17.1	0.3	18.1	0.1	19.0	-0.4	20.4	-0.6
2002	21.7	-0.1	22.0	0.0	22.4	0.5	20.8	0.0	20.2	1.4	17.8	0.6	17.9	1.2	17.1	0.7	17.2	0.4	18.7	0.8	20.3	0.9	22.1	0.2
2003	22.7	0.9	22.4	0.4	22.3	0.4	22.2	1.4	21.1	2.2	17.2	-0.1	17.1	0.4	16.8	0.4	18.3	1.5	18.8	0.8	20.0	0.7	21.7	0.8
2004	22.5	0.6	23.4	1.2	23.1	1.2	21.5	0.5	19.2	0.2	17.4	0.0	17.7	1.0	17.9	1.3	18.0	1.1	18.4	0.4	20.1	0.7	21.5	0.6
2005	23.1	1.1	22.8	0.6	22.6	0.8	21.4	0.5	20.2	1.1	17.9	0.5	17.3	0.5	16.9	0.2	18.1	1.2	17.9	-0.1	19.3	0.0	21	0.0
2006	22.3	0.4	22.8	0.6	23.1	1.3	21.6	0.6	18.9	-0.1	18.8	1.4	17.4	0.7	16.8	0.2	17.6	0.7	18.5	0.5	20.6	1.2	22.4	1.5
2007	23.5	1.5	23.5	1.3	22.2	0.4	21.9	1.0	20.1	1.0	17.7	0.3	17.7	1.0	17.1	0.4	17.7	0.8	18.8	0.8	19.9	0.5	21.9	1.0

Source: Meteorological Services

Table 3.3 - Monthly mean values of humidity (%) with extremes for the year 2007

Region	Station		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
North	Pamplemousses	2007	78	79	80	79	79	77	76	74	70	72	65	65
		Highest Maximum	96	100	100	97	96	96	87	92	93	87	96	84
		Lowest Minimum	65	62	68	62	61	61	61	53	56	51	52	56
		LTM (1986 - 2000)	82	84	83	84	83	82	82	80	78	77	78	80
South	Plaisance	2007	83	85	80	80	81	73	76	74	71	74	74	75
		Highest Maximum	97	88	97	97	97	99	95	98	96	96	96	97
		Lowest Minimum	59	66	58	61	54	50	50	35	39	51	55	57
		LTM (1971 - 2000)	81	83	83	83	81	78	77	78	77	77	78	80
East	FUEL	2007	87	88	87	88	86	81	84	83	80	80	-	83
		Highest Maximum	96	98	96	96	97	95	94	94	92	92	-	94
		Lowest Minimum	63	68	70	70	62	58	62	52	54	60	-	59
		LTM (1981 - 2000)	84	86	84	85	83	82	82	81	81	81	81	84
West	Medine	2007	72	75	72	67	69	68	69	74	70	72	72	73
		Highest Maximum	94	91	96	96	96	96	97	94	96	91	95	92
		Lowest Minimum	51	55	48	46	47	46	47	44	38	43	40	42
		LTM (1981 - 2000)	80	82	80	80	78	78	77	76	76	76	77	79
	Quatre Bornes	2007	87	88	86	85	85	82	83	82	79	82	79	81
		Highest Maximum	96	97	98	96	96	96	96	96	96	96	97	96
		Lowest Minimum	58	63	57	61	51	55	60	42	50	55	52	49
		LTM (1990 - 2000)	81	83	83	83	82	81	81	80	79	78	77	80
Centre	Vacoas	2007	87	88	86	86	86	81	84	83	80	83	79	81
		Highest Maximum	99	98	98	98	99	99	99	98	98	96	98	91
		Lowest Minimum	55	60	62	61	60	49	54	46	47	54	51	47
		LTM (1971 - 2000)	83	85	84	85	83	82	83	82	80	80	80	82

LTM: Long Term Mean

Source : Meteorological Services

Table 3.4 - Monthly total hours of sunshine by region and station, 1998 - 2007

Hours

Region : North, Station : Pamplermousses													
Month Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YEARLY TOTAL
1998	277	122	259	252	239	221	232	228	240	276	271	286	2,686
1999	270	248	252	264	253	227	245	259	240	270	270	241	3,038
2000	205	246	259	248	245	252	224	240	229	238	256	234	2,874
2001	190	192	240	247	249	221	235	270	249	244	269	185	2,791
2002	198	248	221	239	176	236	193	265	249	270	244	201	2,740
2003	213	181	230	162	219	237	190	264	250	272	218	287	2,723
2004	215	223	242	227	226	245	241	247	241	252	253	169	2,781
2005	279	143	175	271	212	256	209	267	241	257	240	275	2,825
2006	273	240	211	245	243	250	248	255	240	274	239	283	3,001
2007	187	156	219	236	225	187	240	239	256	236	290	285	2,756
Mean 1961-1990	259	221	231	223	235	219	235	237	221	251	257	243	2,830
Region : East , Station : Fuel													
1998	236	108	212	154	196	182	184	153	186	232	242	261	2,346
1999	252	210	238	243	222	171	212	202	192	252	239	216	2,647
2000	187	179	200	207	196	217	177	173	187	213	215	207	2,358
2001	164	191	238	187	217	206	186	209	213	244	274	203	2,532
2002	200	241	192	204	129	177	134	186	210	241	217	145	2,276
2003	208	195	217	121	143	193	132	212	175	237	215	261	2,309
2004	197	217	207	193	194	195	182	214	195	231	193	161	2,379
2005	267	145	188	253	165	185	175	225	182	210	212	271	2,478
2006	251	207	186	219	232	195	192	195	215	200	195	215	2,502
2007	135	129	201	182	188	151	193	178	204	165	243	249	2,218
Mean 1961-1990	219	193	205	183	193	181	185	185	189	209	210	213	2,365

Source : Meteorological Services

Table 3.4 (cont'd) - Monthly total hours of sunshine by region and station, 1998 - 2007

Hours

Region : West, Station : Medine													
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YEARLY TOTAL
Year													
1998	286	126	254	237	231	220	239	222	225	227	246	269	2,783
1999	231	190	250	257	265	200	233	219	221	272	254	236	2,827
2000	194	226	226	238	227	235	200	220	219	220	235	238	2,677
2001	203	178	220	213	237	209	225	233	235	254	264	241	2,712
2002	213	219	226	199	179	241	199	242	222	233	224	191	2,588
2003	227	186	206	135	203	233	164	249	219	267	206	263	2,558
2004	206	216	249	229	238	251	224	212	227	257	239	202	2,750
2005	300	198	198	270	223	221	205	256	219	262	254	277	2,883
2006	246	212	222	217	258	251	249	236	224	254	205	251	2,825
2007	185	176	224	228	227	188	250	250	252	222	269	259	2,730
Mean 1981-2000	233	206	228	214	236	218	230	228	216	237	234	236	2,715
Region : Centre, Station : Vacoas													
1998	278	113	256	208	236	218	189	189	232	258	245	262	2,686
1999	273	235	230	259	248	209	215	225	207	279	260	240	2,879
2000	196	222	237	220	225	244	208	206	200	217	235	237	2,646
2001	202	190	244	228	250	225	233	215	220	254	270	185	2,716
2002	184	223	208	209	160	212	181	230	236	249	241	196	2,529
2003	215	165	230	129	193	227	169	230	195	251	218	270	2,492
2004	189	185	214	207	210	208	202	217	206	236	239	178	2,491
2005	289	148	167	245	208	225	200	235	212	237	216	258	2,640
2006	268	203	200	227	238	229	218	220	225	265	229	281	2,803
2007	185	155	213	218	219	205	245	239	240	232	272	288	2,711
Mean 1961-1990	228	194	222	205	229	211	224	222	219	233	225	215	2,627

Source : Meteorological Services

Table 3.4 (cont'd) - Monthly total hours of sunshine by region and station, 1998 - 2007

Region : South , Station : Plaisance													Hours
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YEARLY TOTAL
Year													
1998	269	122	221	180	202	170	170	157	200	251	283	303	2,528
1999	300	255	252	236	236	177	182	179	207	273	257	249	2,802
2000	203	213	218	219	217	197	174	151	204	217	253	272	2,538
2001	204	223	252	210	218	185	190	215	234	263	280	249	2,723
2002	224	258	192	211	149	184	150	183	225	219	253	191	2,437
2003	239	201	239	147	171	195	119	199	174	276	251	304	2,515
2004	218	222	202	193	179	173	175	194	203	237	226	172	2,394
2005	282	154	175	240	162	165	148	225	182	213	208	286	2,440
2006	259	218	186	222	231	208	213	199	222	240	231	262	2,691
2007	155	165	218	188	184	137	186	167	219	198	286	293	2,396
Mean 1961-1990	249	214	216	188	192	177	181	189	197	234	242	245	2,523

Source : Meteorological Services

Table 3.5 - Ambient air quality monitoring by mobile stations, Island of Mauritius, 2007¹

Pollutant	Aapravasi Ghat, port Louis				Terre rouge, Richfield Textile			Valentina, Phoenix			
	Unit	Minimum	Maximum	24 hour Average for the year	Minimum	Maximum	24 hour Average for the year	Minimum	Maximum	24 hour Average for the year	Ambient air quality standard ²
Dust (PM ₁₀)	µg/m ³	43.0	59.0	52.0	13.0	27.0	18.0	11.0	69.0	25.8	100.0
Ozone (O ₃)	ppb	1.0	3.0	1.8	7.0	23.0	14.8	1.0	9.0	2.6	46.7
Sulphur dioxide (SO ₂)	ppb	0.3	1.4	0.7	0.1	3.2	1.1	0.1	89.4	18.0	70.0
Nitrogen dioxide (NO ₂)	ppb	26.0	27.0	28.0	1.0	4.0	1.8	-	-	-	-
Carbon monoxide (CO)	ppm	0.2	0.7	0.4	0.0	0.4	0.3	0.1	0.6	0.3	8.0

Table 3.5 Con' t - Ambient air quality monitoring at Medco Cassis, Port Louis, Island of Mauritius, 2007¹

Cassis					
Pollutant	Unit	Minimum	Maximum	24 hour Average for the year	Ambient air quality standard ²
Dust (PM ₁₀)	µg/m ³	43.0	59.0	52.0	100.0
Ozone (O ₃)	ppb	1.0	3.0	1.8	46.7
Sulphur dioxide (SO ₂)	ppb	0.3	1.4	0.7	70.0
Nitrogen dioxide (NO ₂)	ppb	26.0	27.0	28.0	28.0
Carbon monoxide (CO)	ppm	0.2	0.7	0.4	8.0

Source: Ministry of Environment and National Development Unit.

¹: Estimate

²: 24-hour standard except for Ozone, Carbon monoxide and lead which are based on 1 hour, 8 hour and 3 month averages respectively.

Note:(i) Conversion coefficients (at 25⁰ C and 1013 bar) have been used to convert the ambient air quality standards.

(ii) Measurements of the parameters are taken on a quarter hourly basis and the averaging time used is 24 hours.

Table 3.6 - Total emissions and removals of greenhouse gases, 2003 - 2007¹

Gg or thousand tonne

Greenhouse gas	2003	2004	2005	2006	2007
Emissions					
Carbon Dioxide	2,783.5	2,795.7	2,996.0	3,348.9	3,449.6
Methane	12.0	12.3	12.5	13.0	12.6
Oxide of Nitrogen	15.1	15.2	15.4	16.6	16.6
Nitrous Oxide	1.5	1.5	1.3	1.2	1.3
Carbon Monoxide	65.7	66.9	66.4	64.8	65.4
NM VOC ²	17.5	16.5	18.3	17.7	17.1
Sulphur Dioxide	32.1	32.7	33.0	33.0	35.1
Removals					
Carbon Dioxide	237.9	223.7	223.7	193.2	224.0
Net emissions					
Carbon Dioxide	2,545.6	2,572.0	2,772.3	3,155.6	3,225.6

¹ Provisional

² Non - methane volatile organic compound

Table 3.7 - Sectoral carbon dioxide emissions from fuel combustion activities, 2004 - 2007

Gg or thousand tonne

	2004		2005		2006		2007 ¹	
	Quantity	%	Quantity	%	Quantity	%	Quantity	%
Energy industries (electricity)	1,430.5	51.2	1,615.2	53.9	1,912.5	57.1	2,067.9	60.0
Manufacturing industries	362.3	13.0	346.3	11.6	404.9	12.1	400.3	11.6
Transport	807.1	28.9	833.7	27.8	843.7	25.2	800.1	23.2
Residential	154.2	5.5	158.5	5.3	136.7	4.1	130.6	3.8
Other ²	39.7	1.4	40.3	1.3	49.0	1.5	49.3	1.4
Total	2,793.8	100.0	2,994.0	100.0	3,346.7	100.0	3,448.2	100.0

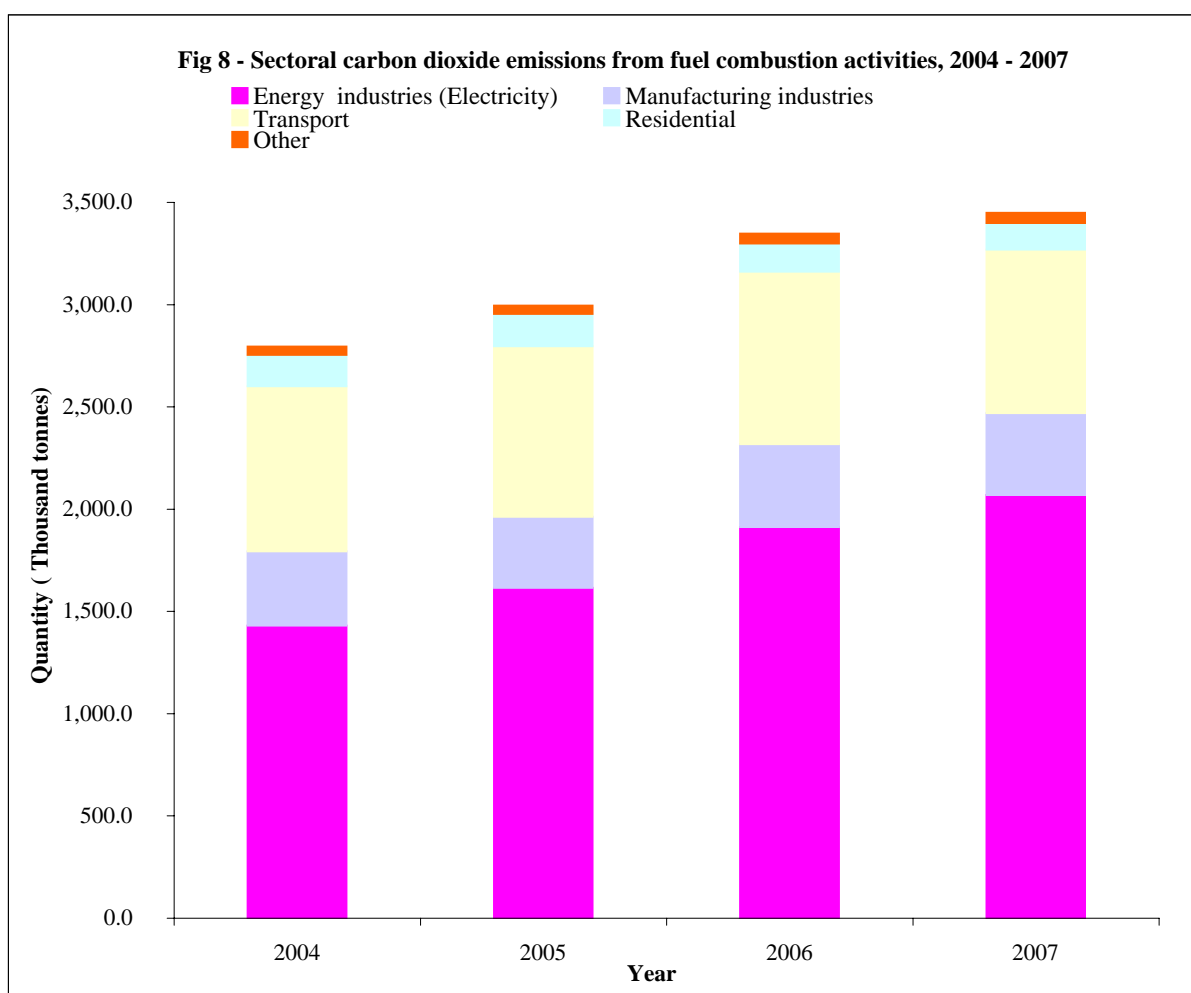
¹ Provisional² includes Agriculture and Trade

Table 3.8 - National inventory of greenhouse gases by source categories, 2006- 2007 ¹

Gg or thousand tonne

Category	Carbon dioxide(CO ₂)				Methane (CH ₄)		Nitrous oxide (N ₂ O)		Oxides of nitrogen (NO _x)		Carbon monoxide (CO)		NMVOC ²		Sulphur dioxide (SO ₂)	
	Emissions		Removals		2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
	2006	2007	2006	2007												
1. Energy	3,346.8	3,448.1	-	-	0.6	0.6	0.1	0.1	16.6	16.6	64.8	65.4	8.5	8.9	33.0	35.1
Fuel combustion activities																
(a) Energy industries (electricity)	1,912.5	2,067.9	-	-	0.3	0.3	0.1	0.1	6.6	7.1	8.7	8.8	0.5	0.5	24.4	26.3
(b) Manufacturing industries	404.9	400.3	-	-	0.1	0.1	0.0	0.0	1.5	1.4	15.1	13.1	0.2	0.2	6.4	6.7
(c) Transport	843.7	800.1	-	-	0.1	0.1	-	-	8.4	7.9	39.4	41.9	7.5	8.0	2.0	1.9
(d) Other sectors	185.7	179.8	-	-	-	-	-	-	0.2	0.2	1.6	1.6	0.2	0.2	0.2	0.1
2. Industrial processes	2.1	1.5	-	-	-	-	-	-	-	-	-	-	9.2	8.2	-	-
3. Solvent and other product use	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Agriculture	-	-	-	-	1.1	1.1	1.2	1.2	-	-	-	-	-	-	-	-
5. Land use change and forestry	-	-	193.2	224.0	-	-	-	-	-	-	-	-	-	-	-	-
6. Waste	-	-	-	-	11.3	10.9	-	-	-	-	-	-	-	-	-	-
Total	3,349.0	3,349.6	193.2	224.0	13.0	12.6	1.3	1.3	16.6	16.6	64.8	65.4	17.7	17.1	33.0	35.1

¹ Provisional

² Non - methane volatile organic compound

Table 3.9 - Consumption of controlled ozone-depleting substances by sector, 1998 - 2007

Metric tonnes

Sector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Aerosol	16.19	8.90	8.00	2.00	-	-	-	-	-	-
Foam	-	0.06	...	...	-	-	-	-	-	-
Process agent	-	-	-	-	-	-	-	0.03	-	-
Refrigeration and air conditioning	83.33	99.98	72.22	113.20	136.30	226.80	171.85	165.64	138.13	156.62
Solvent	1.12	1.09	3.15	0.01	0.02	0.03	0.02	-	-	-
Methyl bromide use	0.70	0.70	...	0.70	-	-	-	-	-	-
Tobacco fluffing	-	-	...	...	-	-	-	-	-	-
Total	101.34	110.73	83.37	115.91	136.32	226.83	171.87	165.67	138.13	156.62

Source : Ministry of Environment and National Development Unit.

Fig. 9 - Consumption of controlled ozone-depleting substances by sector, 1998 - 2007

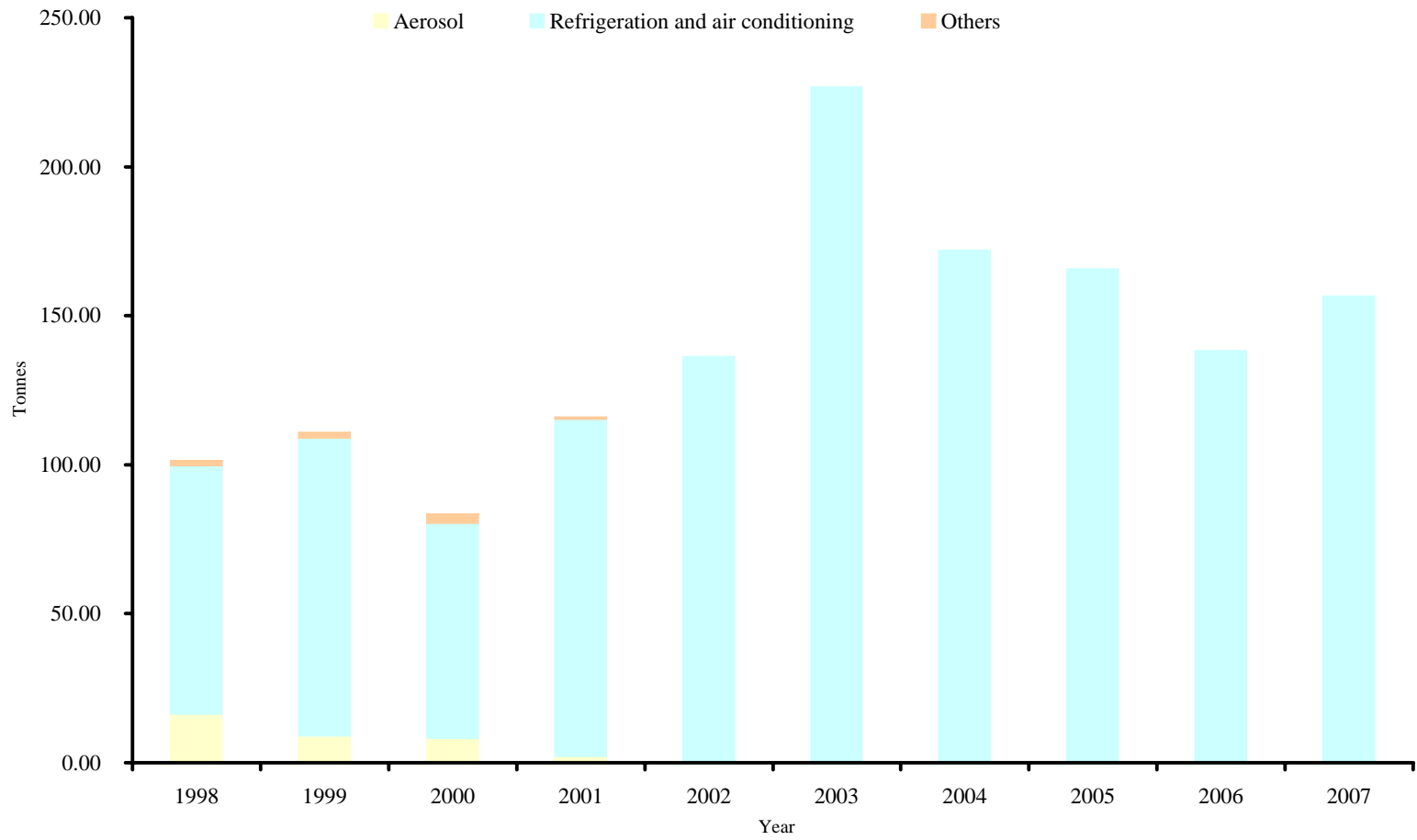


Table 3.10 - Consumption of controlled ozone-depleting substances by type of substances, 1998 - 2007

Type of substances	Metric Tonnes									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Chlorofluorocarbon (CFC's)	39.69	19.47	19.26	14.71	7.40	4.07	3.40	-	1.00	-
Carbon tetrachloride	0.02	0.01	0.01	0.01	0.02	0.03	0.02	0.03	-	-
Methyl chloroform	1.10	1.01	1.10	-	-	-	-	-	-	-
Hydrochlorofluorocarbon (HCFC's)	59.83	89.54	63.00	100.49	128.90	222.73	168.45	165.64	138.13	156.62
Methyl bromide	0.70	0.70	...	0.70	-	-	-	-	-	-
Total	101.34	110.73	83.37	115.91	136.32	226.83	171.87	165.67	139.13	156.62

Source : Ministry of Environment and National Development Unit.

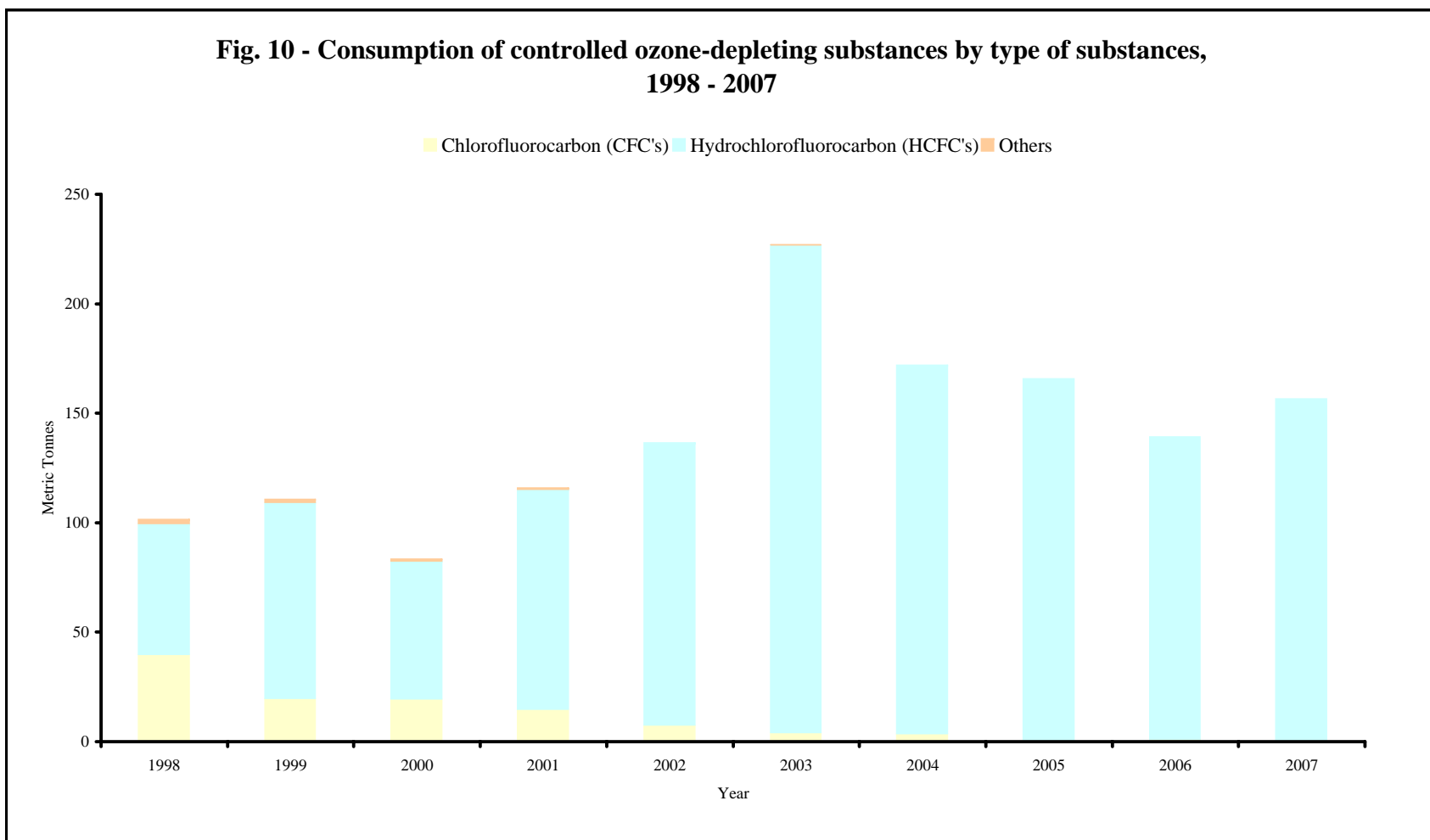


Table 3.11 - Health services (as at 31st December) Republic of Mauritius, 1998 - 2007

	Number									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Hospitals										
Regional hospitals	5	5	5	5	5	5	5	5	5	5
District hospitals	4	4	4	4	3	3	3	3	3	3
Specialised hospitals (Psychiatric, chest, eye and ENT) ¹	4	4	4	4	4	4	4	4	4	4
Cardiac Centre	1	1	1	1	1	1	1	1	1	1
Mediclinics	2	2	2	2	2	2	2	2	2	2
Area health centres ²	27	27	27	27	27	27	27	27	27	27
Health centres with beds (Island of Rodrigues)	2	2	2	2	2	2	2	2	2	2
Community health centres ²	120	121	121	121	122	122	125	126	127	128
Family health service centres ³	9	9	9	6	5	5	4	3	3	3
Dispensaries										
Private dispensaries on sugar estates	26	24	23	20	19	18	17	15	13	12
Mobile dispensaries	2	1	1	1	1	1	1	1	1	1
Clinics										
Dental (including oral surgery and orthodontics)	38	41	40	41	43	44	46	50	50	50
Social hygiene	1	1	1	1	1	1	1	1	1	1
Private	12	13	13	14	12	12	12	12	13	13
Public mobile dental	2	1	1	1	1	1	2	2	2	2
Health offices	14	14	14	14	14	14	14	14	14	14

¹ The ENT centre is administratively attached to Victoria Hospital

² Including Dr. Y. Cantin and Long Mountain Community Hospital

³ Centres providing maternal and child health and family planning services only

Table 3.12 - Respiratory diseases registered in government hospitals, 1998 - 2007

Detail	Number									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Both sexes										
General hospital discharges ¹ (including deaths)	10,637	12,473	12,021	9,788	10,442	10,218	9,992	9,759	11,151	12,594
First attendances ¹ at regional health centres	316,559	364,556	406,752	382,557	397,457	396,485	367,672	381,406	376,375	382,548
Discharges (including deaths) at P D'Or chest hospital	394	448	488	412	530	489	495	449	468	549
New cases diagnosed at specialist clinics in chest diseases	1,167	1,393	1,667	1,753	1,330	842	981	1,143	1,025	915
Male										
General hospital discharges ¹ (including deaths)	5,614	6,408	6,255	5,088	5,337	5,335	4,984	4,914	5,783	6,687
First attendances ¹ at regional health centres	151,076	175,504	197,363	184,994	193,393	190,477	178,608	183,640	181,462	184,487
Discharges (including deaths) at P D'Or chest hospital	259	319	352	289	391	350	354	332	332	405
New cases diagnosed at specialist clinics in chest diseases	715	841	955	962	766	447	522	546	547	487
Female										
General hospital discharges ¹ (including deaths)	5,023	6,065	5,766	4,700	5,105	4,883	5,008	4,845	5,348	5,907
First attendances ¹ at regional health centres	165,483	189,052	209,389	197,563	204,064	206,008	189,064	197,766	194,913	198,061
Discharges (including deaths) at P D'Or chest hospital	135	129	136	123	139	139	141	117	136	144
New cases diagnosed at specialist clinics in chest diseases	452	552	712	791	564	395	459	597	478	428

Source: Statistics Unit , Ministry of Health and Quality of Life.

¹ due to diseases of the respiratory system

Table 3.13 - Cases of asthma treated as in-patients in government hospitals, 1998 - 2007

Number

Year	In-Patients		
	Male	Female	Total
1998	1,730	1,657	3,387
1999	2,005	1,994	3,999
2000	1,794	1,893	3,687
2001	1,565	1,616	3,181
2002	1,573	1,667	3,240
2003	1,538	1,735	3,273
2004	1,453	1,689	3,142
2005	1,507	1,668	3,175
2006	1,613	1,577	3,190
2007	1,650	1,693	3,343

Source: Statistics Unit , Ministry of Health and Quality of Life.

Table 3.14 - Deaths registered due to asthma, 1998 - 2007

Number

Year	Deaths		
	Male	Female	Total
1997	69	50	119
1998	98	61	159
1999	80	70	150
2000	94	68	162
2001	74	94	168
2002	105	61	166
2003	97	99	196
2004	75	64	139
2005	104	75	179
2006	101	65	166
2007	86	68	154

Source: Statistics Unit , Ministry of Health and Quality of Life.

Table 3.15 - Cases of asthma treated as in-patients in government hospitals by age group and sex, 2006 - 2007

Age group (years)	Number of cases					
	Male		Female		Total	
	2006	2007	2006	2007	2006	2007
Less than one year	19	16	6	12	25	28
1 - 4	229	304	147	185	376	489
5 - 9	186	278	102	171	288	449
10 - 14	82	108	53	65	135	173
15 - 19	30	46	46	42	76	88
20 - 24	36	32	42	26	78	58
25 - 29	45	33	39	47	84	80
30 - 34	36	42	50	38	86	80
35 - 39	39	33	59	57	98	90
40 - 44	47	33	69	91	116	124
45 - 49	68	72	79	80	147	152
50 - 54	101	73	125	114	226	187
55 - 59	103	103	132	131	235	234
60 - 64	102	76	108	101	210	177
65 - 69	112	95	124	133	236	228
70 - 74	113	102	142	127	255	229
75 - 79	140	100	133	103	273	203
80 - 84	80	73	67	118	147	191
85 and over	38	31	46	52	84	83
Total	1,606	1,650	1,569	1,693	3175	3343

Source: Statistics Unit , Ministry of Health and Quality of Life.

Table 3.16 - Deaths registered due to asthma by age group and sex, 2006 - 2007

Age group (years)	Number of cases					
	Male		Female		Total	
	2006	2007	2006	2007	2006	2007
Less than one year	0	0	0	0	0	0
1 - 4	1	1	1	0	2	1
5 - 9	0	0	0	0	0	0
10 - 14	0	0	0	1	0	1
15 - 19	0	0	0	0	0	0
20 - 24	0	0	0	0	0	0
25 - 29	1	0	0	0	1	0
30 - 34	0	4	0	2	0	6
35 - 39	2	0	0	1	2	1
40 - 44	2	2	0	3	2	5
45 - 49	3	3	4	5	7	8
50 - 54	4	3	2	1	6	4
55 - 59	4	4	1	7	5	11
60 - 64	6	6	2	5	8	11
65 - 69	10	9	6	2	16	11
70 - 74	11	11	6	7	17	18
75 - 79	15	16	9	13	24	29
80 - 84	14	16	14	11	28	27
85 and over	18	11	11	10	29	21
Total	91	86	56	68	147	154

Source: Statistics Unit , Ministry of Health and Quality of Life.

Table 3.17 - Households with members suffering from health problems related to air pollution by type of problem, Republic of Mauritius, 2001

Health problem	Households reporting specific health problems		
	Number	as a % of households reporting health problems	as a % of all sampled households
Breathing difficulties	242	62	3.8
ENT problems	163	41.2	2.6
Asthma	138	35.4	2.2
Eye troubles	81	20.8	1.3
Skin diseases	65	16.7	1

Source : CSO - Continuous Multi-Purpose Household Survey 2001

CHAPTER 4

WATER

Table 4.1 - Monthly rainfall, averaged over all sugar zones, 1998 - 2007

Millimetres

YEAR		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
MONTH											
January	Mean	144.4	53.9	393.5	278.6	573.1	118.4	416.2	139.0	352.9	325.7
	<i>Difference from Normal</i>	- 132.9	- 223.3	+ 115.3	+ 0.3	+ 295.0	- 159.7	+ 162.4	-114.9	+99.0	+71.8
February	Mean	592.2	168.7	313.4	205.1	99.0	331.3	305.1	401.3	331.5	535.3
	<i>Difference from Normal</i>	+ 295.4	- 128.1	+ 15.7	-92.7	-198.7	+ 33.5	-19.5	+ 76.8	+6.9	+210.7
March	Mean	162.8	125.5	166.2	155.8	224.0	207.3	211.7	688.7	434.4	162.2
	<i>Difference from Normal</i>	- 79.4	- 116.5	- 76.9	-87.3	-19.1	- 36.0	-15.3	+ 463.3	+209.0	-63.2
April	Mean	115.0	79.0	186.1	329.9	135.4	444.8	282.6	115.5	85.4	105.2
	<i>Difference from Normal</i>	- 111.7	- 147.7	- 41.7	102.0	-92.5	+ 216.8	+61.6	-105.4	-135.6	-115.8
May	Mean	162.6	70.0	95.8	95.3	141.1	191.0	161.1	109.1	52.8	137.6
	<i>Difference from Normal</i>	+ 10.3	- 80.2	- 56.5	-55.9	-10.1	+ 39.8	+7.3	-44.6	-101.0	-16.1
June	Mean	62.7	83.5	105.1	79.1	127.6	117.4	111.2	134.3	95.4	136.4
	<i>Difference from Normal</i>	- 54.4	- 33.7	- 12.7	-38.7	+ 9.9	- 1.4	+3.2	+26.3	-12.6	+30.3
July	Mean	141.0	152.5	117.1	93.3	139.9	175.2	85.6	158.0	156.4	108.7
	<i>Difference from Normal</i>	+ 20.7	+ 33.2	- 3.1	-26.9	+19.7	+55.0	- 24.2	+48.2	+46.6	+0.4
August	Mean	85.7	96.5	149.2	74.1	111.9	92.4	39.8	91.7	81.2	53.8
	<i>Difference from Normal</i>	- 22.7	- 9.6	+ 40.2	-35.1	+ 2.8	- 16.7	- 69.0	-17.1	-27.5	-53.2
September	Mean	78.9	82.9	43.7	71.9	37.1	130.4	118.2	207.6	63.1	62.7
	<i>Difference from Normal</i>	+ 4.1	+ 8.1	- 31.6	-3.4	-38.2	+55.0	+47.1	+136.6	-8.0	-7.3
October	Mean	62.5	40.7	71.3	83.8	60.4	29.7	29.5	55.8	51.1	90.3
	<i>Difference from Normal</i>	- 10.2	- 32.0	- 1.9	10.7	-12.8	- 43.5	- 42.9	-16.7	-21.4	+19.0
November	Mean	31.3	29.1	81.5	33.2	34.4	81.1	124.8	38.3	76.7	43.6
	<i>Difference from Normal</i>	- 62.4	- 59.8	- 12.9	-61.1	-60.0	+ 1.8	+ 45.5	-41.1	-2.7	-34.8
December	Mean	37.7	120.1	75.2	153.3	222.4	54.0	168.8	69.5	42.2	53.7
	<i>Difference from Normal</i>	- 179.4	- 95.5	- 140.4	-62.3	+ 6.8	- 139.1	- 24.3	- 123.6	-151.0	-137.4
Total Year	Mean	1,676.8	1,102.4	1,798.1	1,653.4	1,906.3	1,973.0	2,054.6	2,208.8	1,823.1	1,815.2
	<i>Difference from Normal</i>	-322.6	-885.1	-206.5	-350.4	-97.2	+ 5.5	+ 5.5	+ 287.8	-98.3	-95.6

Source : Meteorological Services

Fig 11 - Rainfall difference from normal, 2007

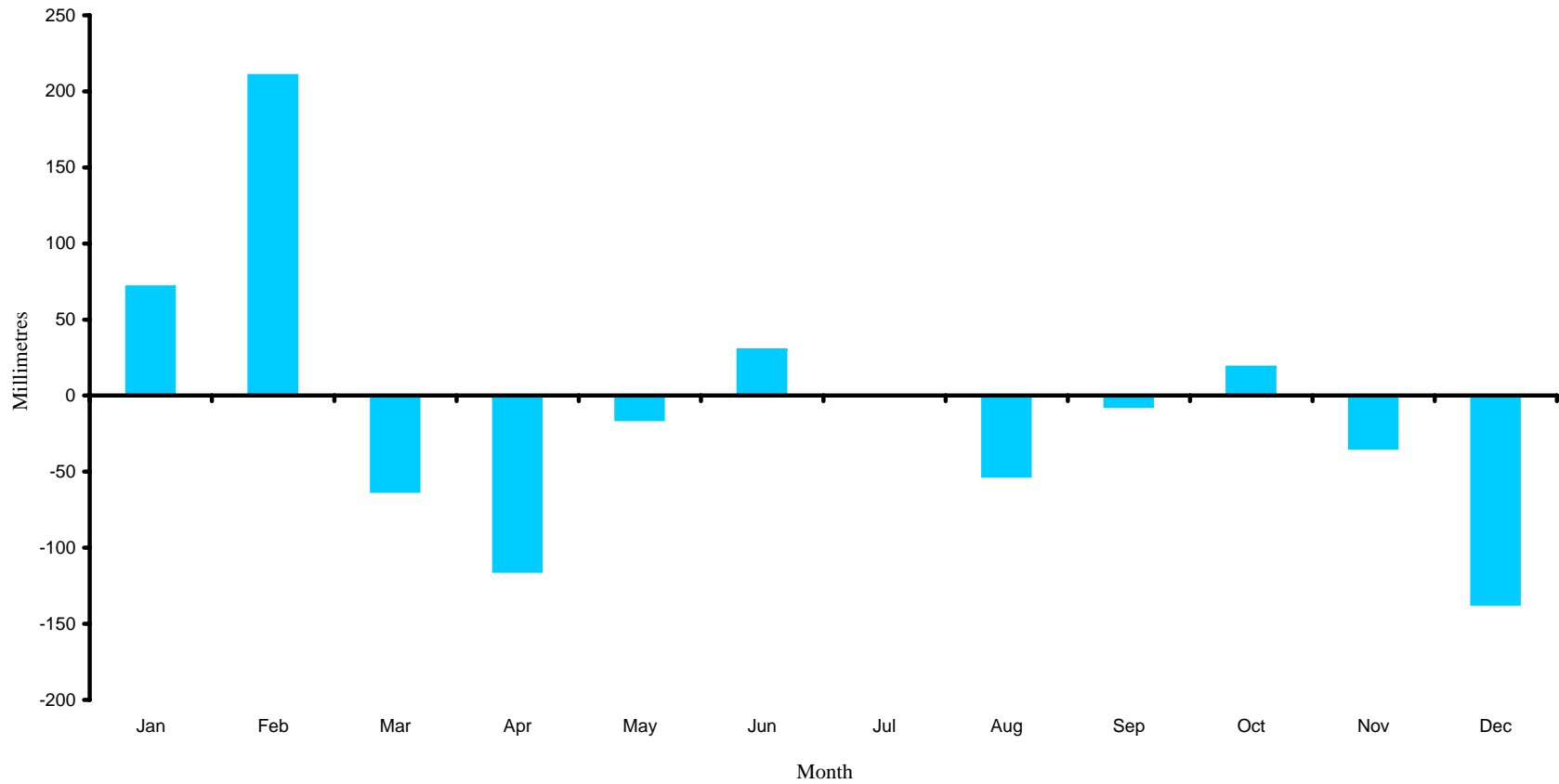


Table 4.2 - Yearly rainfall by region, 1998 - 2007

Millimetres

REGION \ YEAR		YEAR									
		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
North	Mean	1,097.7	601.3	1,043.6	1,019.6	1,040.0	1,201.3	1,350.8	1,404.1	1,348.9	1,072.0
	<i>Difference from Normal</i>	- 330.7	- 808.6	- 366.7	-390.6	-370.2	-178.8	+ 45.8	+ 89.8	+50.6	-226.3
South	Mean	2,142.3	1,336.7	2,055.2	2,124.0	2,314.0	2,285.4	2,288.3	2,670.7	2,076.2	2,215.5
	<i>Difference from Normal</i>	- 231.8	- 1030.3	- 318.8	-250.4	-60.4	-56.3	-31.2	+ 279.1	-243.5	-71.5
East	Mean	2,045.3	1,534.6	2,386.8	1,993.8	2,303.9	2,622.4	2,692.9	2,774.9	2,226.2	2,125.1
	<i>Difference from Normal</i>	- 366.3	- 87.3	- 20.6	-423.9	-113.8	+ 259.5	+ 379.5	+ 292.7	-87.2	-188.3
West	Mean	628.6	404.7	908.4	799.3	1,357.7	978.3	949.3	1,097.8	750.8	966.4
	<i>Difference from Normal</i>	- 259.9	- 484.1	+ 202.2	-89.5	+ 468.9	+ 119.5	+ 120.7	+ 269.3	-77.7	+ 137.8
Centre	Mean	1,605.3	1,145.4	2,006.5	1,536.1	2,105.6	1,995.7	2,262.6	2,134.8	1,987.9	2,179.5
	<i>Difference from Normal</i>	- 507.8	- 966.6	- 115.9	-576.2	+ 6.7	-61.4	+ 238.5	+ 99.5	-36.3	+ 155.2
Island	Mean	1,676.8	1,102.4	1,798.1	1,653.4	1,906.3	1,973.2	2,054.6	2,207.8	1,823.1	1,814.7
	<i>Difference from Normal</i>	- 322.6	- 885.1	- 206.5	-350.4	+97.5	+ 5.8	+ 131.9	+ 286.8	-98.3	-95.9

Source : Meteorological Services

Table 4.3 - Water balance , 1999 - 2007

	Mm ³									
	1999	2000	2001	2002	2003	2004	2005	2006	2007	
Rainfall	2,184	3,721	3,445	3,764	4,284	3,890	4,801	3,571	3,644	
<i>Surface runoff</i>	1,311	2,233	2,067	2,259	2,571	2,334	2,881	2,143	2,186	
<i>Evapotranspiration</i>	655	1,116	1,034	1,129	1,285	1,167	1,440	1,071	1,093	
<i>Net recharge to groundwater</i>	218	372	345	376	428	389	480	357	364	

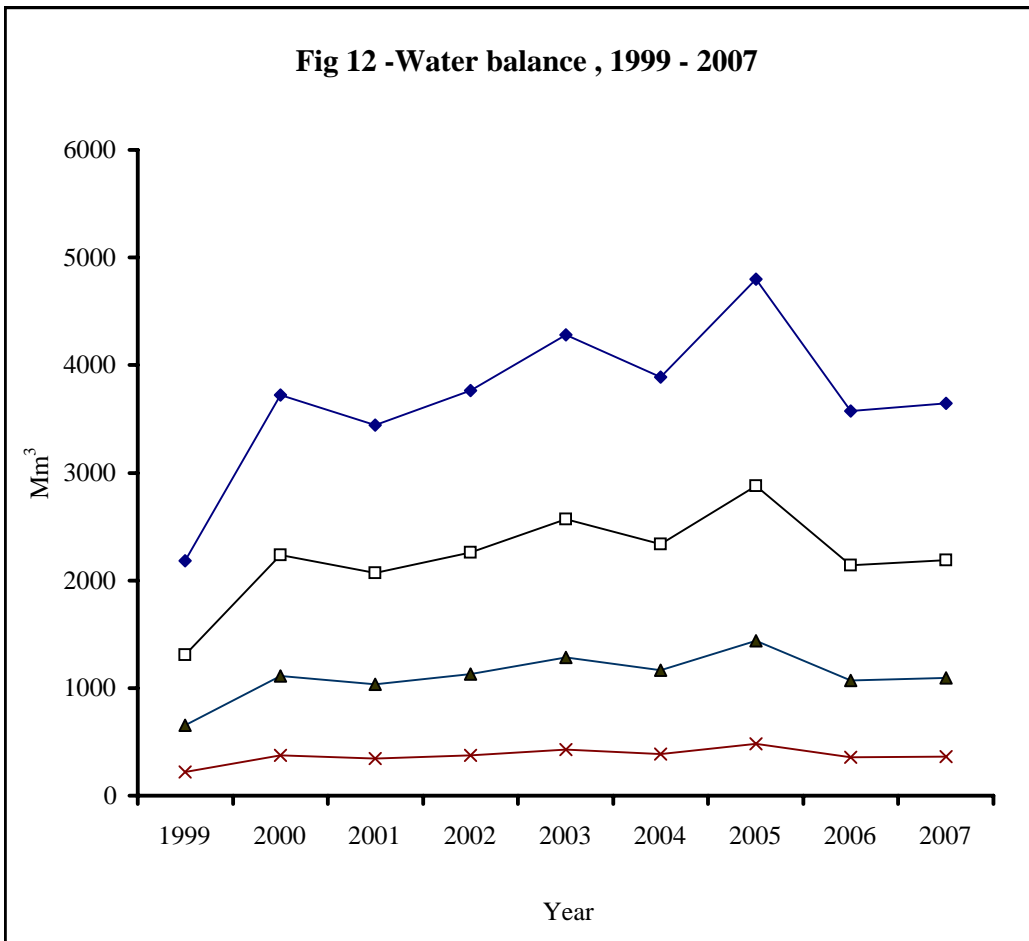


Table 4.4 - Water utilisation,2007

Million cubic metres

Use	Surface water		Ground water	Total
	River-run offtakes	Storage		
Domestic, Industrial and Tourism	35 ¹	67	99	201
Industrial (private boreholes)	-	-	6	6
Agricultural (irrigation)	338	78 ²	7	423
Hydropower	137	117 ³	-	254
Total	510	262	112	884

Source: Water Resources Unit, Ministry of Public Utilities

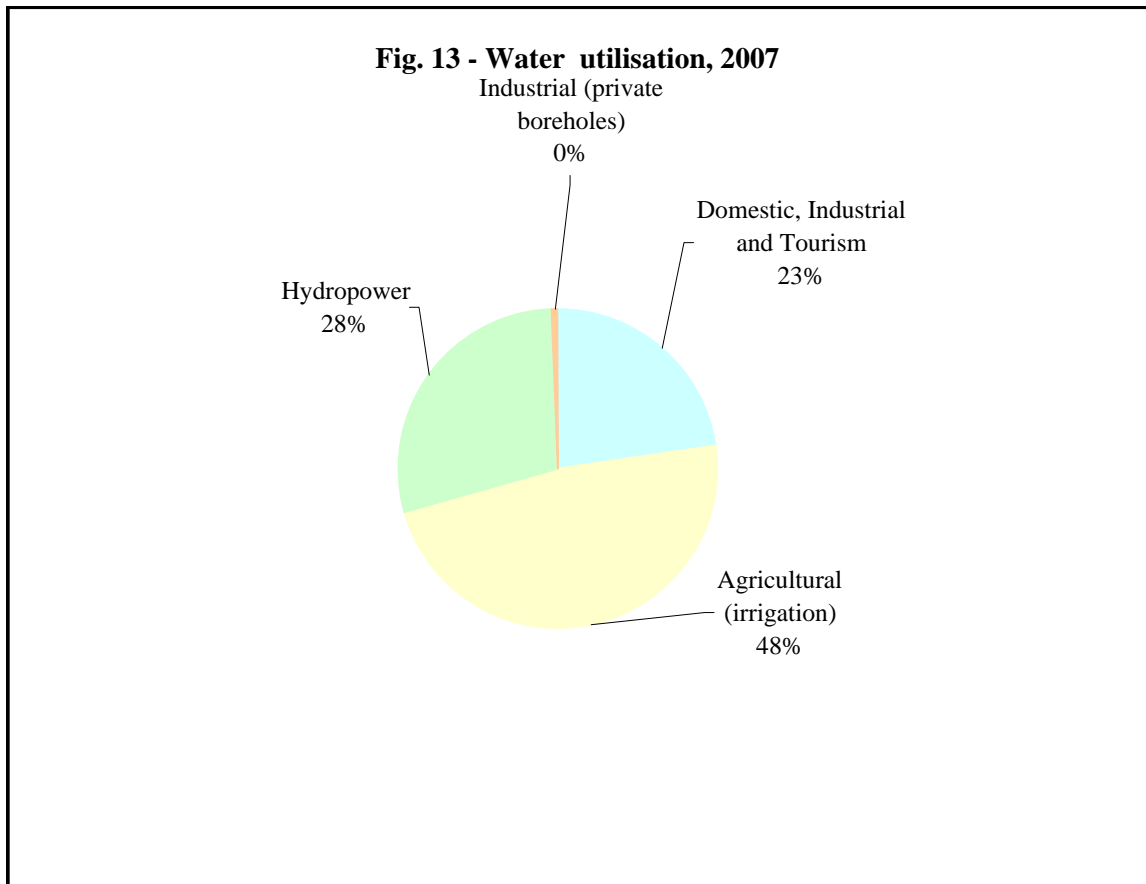
¹ includes 19 Mm³ for Reduit Hydro Power Station² includes 28 Mm³ for Tamarind Falls and Magenta Hydropower Stations³ includes 13 Mm³ used twice for Le Val and Ferney Hydropower Stations and 16 Mm³ for Tamarind Falls and Magenta

Table 4.5 - Fresh water abstractions¹ by source, 1998 - 2007 ²

Million cubic metres

Source	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Surface water	508	405	532	532	578	577	575	541	528	518
<i>Reservoirs</i>	<i>119</i>	<i>61</i>	<i>124</i>	<i>124</i>	<i>128</i>	<i>169</i>	<i>167</i>	<i>154</i>	<i>146</i>	<i>145</i>
<i>Rivers and streams</i>	<i>389</i>	<i>344</i>	<i>408</i>	<i>408</i>	<i>450</i>	<i>408</i>	<i>408</i>	<i>387</i>	<i>382</i>	<i>373</i>
Ground water	131	111	145	145	148	148	150	150	154	112
Total	639	516	677	677	726	725	725	691	682	630

Source: Water Resources Unit, Ministry of Public Utilities

¹ for agricultural, domestic and industrial purposes.

² Hydrologic year (i.e. From November n-1 to October n ,where n = year)

Table 4.5 Con't - Fresh water abstractions¹ by water supply industry, 2001 - 2007²

Million cubic metres

Source	2001	2002	2003	2004	2005	2006	2007
Gross surface water abstraction	532	578	577	575	541	528	518
<i>Surface water abstraction</i>	86	88	110	110	99	99	102
<i>Agriculture, forestry and fishing</i>	446	490	467	465	442	429	416
Gross ground water abstraction	145	148	148	150	150	154	112
<i>Ground water abstraction</i>	113	114	114	114	115	119	99
<i>Agriculture, forestry and fishing</i>	22	24	24	25	24	24	7
<i>Manufacturing</i>	10	10	10	11	11	11	6
Total	677	726	725	725	691	682	630

Source: Water Resources Unit, Ministry of Public Utilities

¹ for agricultural, domestic and industrial purposes.

² Hydrologic year (i.e. From November n-1 to October n ,where n = year)

Table 4.6 - Characteristics of major reservoirs

Name of reservoir Characteristics	Mare aux Vacoas	Nicoliere	Piton du Milieu	Mare Longue	La Ferme	Tamarind Falls	Eau Bleue	Diamamove	Midlands Dam
Purpose	Domestic	Domestic, Irrigation and Industrial	Domestic	Hydro - power and irrigation	Irrigation	Hydro - power and irrigation	Hydro - power	Hydro - power	Domestic, Irrigation and Industrial
Total capacity (Mm ³)	25.89	5.26	2.99	6.28	11.52	2.30	4.10	4.30	25.50
Full reservoir level , m (a.m.s.l) ¹	566.35	249.02	438.00	576.91	146.00	492.36	355.00	241.00	395.00
Maximum water spread area (km ²)	5.60	1.02	0.76	1.05	2.28	1.68	0.75	0.43	2.98

Source: Water Resources Unit, Ministry of Public Utilities

¹ a.m.s.l : above mean sea level

Table 4.7 - Gross storage capacity of reservoirs

Million cubic metres

Reservoir	Gross capacity
Mare aux Vacoas ¹	25.9
Mare Longue	6.3
La Ferme ¹	11.5
Piton du Milieu ¹	3.0
La Nicoliere ¹	5.3
Tamarind Falls	2.3
Eau Bleue	4.1
Diamamove	4.3
Dagotiere	0.6
Valetta	2.0
Midlands Dam	25.5
Total Storage Capacity	90.7

Source: Water Resources Unit, Ministry of Public Utilities

¹ Based on hydrographic survey of 1997

Table 4.8 - Percentage water level by month and reservoir - 2007

Month	Mare aux Vacoas			La Nicoliere			Piton du Milieu			La Ferme			Mare Longue			Midlands Dam			All reservoirs (excl Midlands Dam)				
	Capacity																						
	25.89 Mm ³			5.26 Mm ³			2.99 Mm ³			11.52 Mm ³			6.28 Mm ³			25.5 Mm ³			51.94 Mm ³				
	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
Jan	44	42	54	63	47	87	69	63	97	15	13	22	35	32	51	47	43	63	40	37	52		
Feb	64	55	98	99	90	100	100	99	100	41	24	82	68	52	100	75	64	100	63	16	95		
Mar	99	98	100	100	100	100	99	98	100	99	85	100	100	99	100	100	99	100	99	95	100		
Apr	95	93	98	84	75	100	97	95	99	100	98	100	95	91	99	100	99	100	95	93	99		
May	92	90	95	74	57	88	98	95	99	92	88	97	85	81	91	100	99	100	90	86	94		
Jun	91	88	93	85	62	98	98	95	100	89	86	92	82	78	85	100	99	100	89	86	91		
Jul	87	86	88	71	61	84	91	89	95	85	83	88	89	85	93	94	91	99	85	84	87		
Aug	82	77	86	69	59	73	87	82	91	79	75	83	85	83	90	90	85	94	81	77	83		
Sep	72	67	77	67	63	72	75	71	82	69	64	75	84	83	85	79	73	85	72	68	77		
Oct	64	61	67	71	63	82	69	68	71	58	53	63	76	66	83	67	64	73	65	62	68		
Nov	55	50	61	58	46	73	66	62	69	46	39	53	59	52	66	63	56	66	55	48	61		
Dec	45	40	49	45	42	54	54	48	62	32	25	39	44	41	51	46	36	56	42	39	48		

Table 4.9 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2007

Mm³

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 (%)
Jan	2.9	0.4	3.3	-	2.1	2.1	1.6	0.7	2.3	2.1	1.8	3.9	0.7	1.6	2.3	0.8	1.3	2.1	8.1	7.9	16.0	50.6%	49.4%
Feb	2.8	0.5	3.3	-	2.0	2.0	1.5	0.7	2.2	2.0	1.7	3.7	0.7	1.1	1.8	0.6	1.6	2.2	7.6	7.6	15.2	49.9%	50.1%
Mar	3.3	0.5	3.7	-	2.2	2.2	1.6	1.3	2.9	2.2	1.9	4.1	0.8	1.4	2.2	0.8	1.7	2.5	8.6	9.0	17.6	48.8%	51.2%
Apr	3.2	0.5	3.7	-	2.5	2.5	1.7	0.9	2.5	2.1	1.9	4.0	0.7	1.4	2.1	0.8	1.6	2.4	8.4	8.7	17.1	49.3%	50.7%
May	3.3	0.5	3.9	-	2.6	2.6	1.8	0.8	2.6	2.1	2.1	4.1	0.8	1.4	2.2	0.7	1.7	2.4	8.7	9.0	17.7	49.0%	51.0%
Jun	3.2	0.5	3.7	-	2.3	2.3	1.7	0.7	2.5	2.0	1.9	3.9	0.7	1.3	2.1	0.7	1.6	2.3	8.4	8.4	16.8	49.8%	50.2%
Jul	3.4	0.6	3.9	-	3.1	3.1	1.8	1.2	3.0	1.7	2.1	3.7	0.8	1.3	2.1	0.8	1.4	2.2	8.4	9.6	18.0	46.7%	53.3%
Aug	3.5	0.5	4.0	-	3.1	3.1	1.9	1.0	2.9	1.8	2.0	3.8	0.8	1.4	2.1	0.8	1.4	2.2	8.7	9.3	18.0	48.4%	51.6%
Sep	3.2	0.5	4.0	-	2.8	2.8	1.8	1.0	2.8	1.7	2.0	3.7	0.8	1.4	2.1	0.7	1.4	2.1	8.2	9.0	17.2	47.7%	52.3%
Oct	3.3	0.6	3.8	-	3.1	3.1	1.8	1.0	2.8	2.1	1.6	3.6	0.8	1.4	2.2	0.6	1.5	2.1	8.6	9.0	17.6	48.8%	51.2%
Nov	3.5	0.5	4.0	-	3.1	3.1	1.7	1.0	2.7	2.1	1.6	3.7	0.9	1.5	2.3	0.7	1.5	2.2	8.8	9.1	17.9	49.2%	50.8%
Dec	3.2	0.5	3.7	-	2.8	2.8	1.5	0.9	2.4	2.0	1.6	3.5	0.8	1.3	2.1	0.7	1.5	2.2	8.2	8.5	16.7	49.1%	50.9%
Total year	38.6	6.1	44.7	-	31.6	31.6	20.3	11.0	31.3	23.7	22.1	45.8	9.2	16.3	25.5	8.6	18.0	26.6	100.5	105.0	205.5	48.9%	51.1%

Table 4.10 - Water sales by type of tariff of subscribers , 2003 - 2007

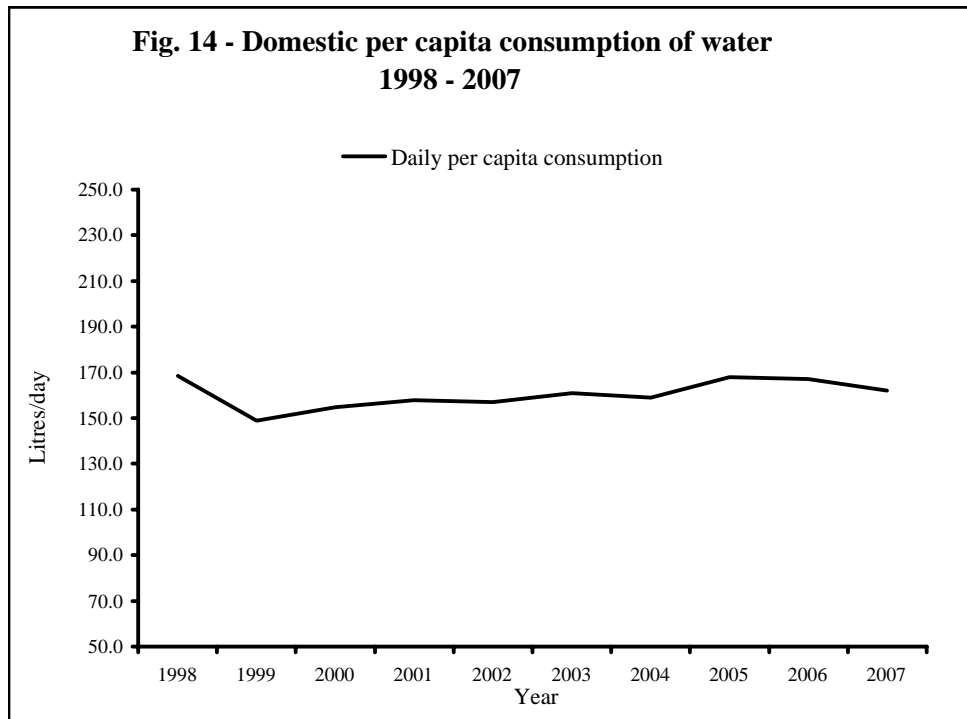
Type of tariff	2003		2004		2005		2006		2007	
	No. of subscribers	Volume ('000 m ³)	No. of subscribers	Volume ('000 m ³)	No. of subscribers	Volume ('000 m ³)	No. of subscribers	Volume ('000 m ³)	No. of subscribers	Volume ('000 m ³)
Domestic	250,752	70,253	258,381	70,562	265,763	73,055	272,269	73,158	278,625	73,007
Commercial	9,455	5,573	9,638	5,653	9,823	5,790	10,102	5,987	11,260	6,743
Government	3,614	4,228	3,585	4,285	3,708	4,632	3,763	4,631	3,879	4,686
Agriculture and Livestock Producers	2,174	1,103	2,377	1,131	2,632	1,322	2,871	1,433	3,129	1,421
Industrial	762	4,988	746	4,775	741	4,770	736	4,712	744	4,827
Hotels , Guest houses	192	3,644	188	3,694	197	4,080	206	4,267	224	4,429
Acquired/concessionary prizes	48	23	47	20	45	19	45	17	43	16
Total Potable water	266,997	89,812	274,962	90,120	282,909	93,668	289,992	94,205	297,904	95,129
Total non - treated water	253	13,993	254	12,265	267	14,161	276	14,412	278	15,490
TOTAL	267,250	103,805	275,216	102,385	283,176	107,829	290,268	108,617	298,182	110,619

Table 4.11 - Domestic per capita consumption of water¹, 1998 - 2007

Litres / day	
Year	Daily per capita consumption
1998	168.4
1999	149.0
2000	154.9
2001	157.8
2002	157.0
2003	161.0
2004	159.0
2005	168.0
2006	167.0
2007	162.0

Source: Central Water Authority

¹ Potable water



Note : The fall in consumption in 1999 is due to an unusually severe drought .

Table 4.12 - Volume of water used by the CEB for hydropower generation, 1998 - 2007

Million cubic metres

Power station	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Champagne	70	23	69	56	71	108	117	105	62	61
Ferney	111	39	102	80	81	119	117	116	79	95
Tamarind Falls	40	9	34	25	31	34	37	37	26	27
Le Val	15	1	16	4	9	15	17	14	10	13
Reduit	18	1	17	11	19	30	30	26	21	20
Cascade Cecile	22	8	19	16	19	21	14	8	7	17
Magenta	27	6	23	14	17	17	13	25	17	16
La Ferme	7	-	5	1	4	-	-	-	5	5
Total	310	87	285	207	251	344	345	331	227	254

Source: Central Electricity Board

Table 4.13 - Guidelines for inland surface water¹ quality

Parameters	Unit	Maximum Limits
<u>Inorganics</u>		
Boron	µg/l	0.75
Cadmium	"	0.70
Chlorine Residual	"	2.0
Chromium (total)	"	2.0
Copper	"	6.5
Cyanide	"	5.2
Dissolved Oxygen	mg/l	6.0 ²
Iron	mg/l	1.0
Lead	µg/l	1.3
Mercury	"	0.1
Methyl Mercury compounds	"	0.012
Nickel	"	87.6
pH		6.5 - 9.0
Selenium	µg/l	1.0
Silver	"	1.2
Zinc	"	59
Sulphide H ₂ S	"	2.0
Phosphate (for a lake)	"	25
(for streams entering a lake)	"	50
(for streams not entering a lake)	"	100
<u>Organics</u>		
Dieldrin	µg/l	0.0019
Chlordane	"	0.0043
Pentachlorophenol (for pH 6.5 - 7.5)	"	3.5 - 9.5
DDT	"	0.001
Endosulfan (alpha and beta forms)	"	0.056
Endrin	"	0.0023
Guthion	"	0.01
Lindane	"	0.08
Oil and Greases	"	Undetectable
PCBs	"	0.014
Suspended solids (at background concentration <100 mg/l)	mg/l	10
(when background conc.> 100 mg/l)	mg/l	10% of background concentration

Source: Ministry of Environment and National Development Unit.

¹ Water of river, watercourse, stream, lake, pond, dam or reservoir.

² Lower limit at 25^o C.

Table 4.14 - River water quality by selected physico-chemical parameters for Riviere Citron, River Tombeau, Rivulet Terre Rouge, January - July 2007 and Grand River North West (GRNW), Black River and Riviere du Rempart West, January - September 2007

Parameters	Unit	GRNW01	GRNW02	GRNW03	River Citron 01	River Citron 02	River Citron 03	River Tombeau 01	River Tombeau 02	River Tombeau 03	Rivulet Terre Rouge 01	Rivulet Terre Rouge 02	Black River 01	Black River 02	Black River 03	Riv du Rempart West 01	Riv du Rempart West 02	Riv du Rempart West 03
		Petit Camp	Belle Rose	GRNW Old Bridge	Mont Gout	Solitude	Balaclava	Baillache	Terre Rouge	Arsenal	Terre Rouge	Baie du Tombeau	Black River National Park	4 km downstream BR01	1 km downstream BR02	Henrietta	Bassin Estate	Beau Songe
Temperature	°C	18.0-25.0	18.0 - 26.0	20.0 - 28.0	19.0 - 25.0	20.0 - 24.0	20.0 - 26.0	19.0-27.0	20.0 - 28.0	20.0 - 26.0	20.0 - 28.0	21.0 - 29.0	20.0 - 26.0	20.0 - 27.0	20.0 - 28.0	17.0-23.0	20.0-24.0	20.0-26.0
pH		7.9 - 8.2	7.7 - 7.9	7.9 - 8.2	6.9 - 7.4	7.1 - 7.7	7.5 - 7.7	7.6 - 7.8	7.4 - 7.8	7.6 - 7.7	7.5 - 7.6	7.7	7.1-8.1	7.3-8.0	7.2-8.1	7.1-8.4	7.0-7.7	7.2-7.7
Dissolved Oxygen	mg/l	7.1 - 8.8	6.0 - 8.2	6.7 - 8.8	7.2 - 8.3	4.9 - 6.8	4.4 - 6.2	6.2 - 8.2	2.7 - 8.5	7.1 - 7.8	1.8 - 7.5	3.7 - 5.9	6.6-8.1	6.1-7.9	2.2-7.8	6.5-7.9	7.0-7.8	7.2-8.3
Total Suspended Solids	mg/l	ND	2.0 - 3.0	2.0 - 5.0	1.0 - 12.0	1.0 - 8.0	3.0 - 6.0	1.0 - 3.0	1.0 - 3.0	1.0 - 2.0	5.0 - 9.0	7.0 - 9.0	ND-12.0	ND-2.0	ND-26	ND-17.0	ND-1	ND
Phosphate as P	mg/l	0.02 - 0.03	0.01 - 0.02	0.01 - 0.02	0.02	0.02 - 0.06	0.05 - 0.06	0.02	0.02 - 0.11	0.03 - 0.09	0.3 - 0.4	0.35 - 0.63	0.01-0.02	0.01-0.02	0.02-0.06	0.01-0.06	ND-0.01	0.01
Chemical Oxygen Demand	mg/l	1.0 - 6.0	3.0 - 25.0	4.0 - 21.0	7.0 - 11.0	3.0 - 8.0	12.0 - 18.0	ND	2.0 - 54.0	2.0 - 93.0	14.0 - 26.0	5.0 - 34.0	ND-5.0	ND-3.0	ND-54	ND-51.0	ND-14.0	ND-54.0
Nitrate as N	mg/l	2.3 - 3.0	2.4 - 6.2	1.8 - 3.2	0.9 - 1.2	2.3 - 2.9	1.2 - 2.4	1.0 - 3.3	1.5 - 4.5	3.2 - 4.5	0.7 - 2.4	4.1 - 5.8	0.03-0.1	ND-0.1	ND-0.1	1.3-2.7	2.3 - 3.4	3.2-6.0
Sulphate	mg/l	13.7 - 16.9	11.9 - 17.9	8.7 - 10.2	6.4 - 7.0	10.6 - 12.5	17.9 - 57.0	7.3 - 10.5	12.8 - 20.0	9.5 - 20.0	112.0 - 116.2	91.2 - 107.9	2.2-3.5	2.3-5.4	2.7-4.4	4.3-8.4	5.2-7.1	7.7-9.5
Chloride	mg/l	18.7 - 22.7	18.9 - 51.5	22.8 - 29.1	16.6 - 19.2	27.3 - 36.6	18.7 - 44.0	20.2 - 32.6	35.0 - 44.5	26.2 - 45.0	305.3 - 327.0	182.5 - 267.1	16.3-20.7	17.0-26.4	18.4-29.6	13.9-19.2	13.7-18.0	19.3-23.6

Source : National Environmental Laboratory, Ministry of Environment and National Development Unit.

Table 4.15 - Range of levels of Nitrate-Nitrogen, Phosphate and COD for selected regions, 2007.

Milligram per litre

Region	Chemical water quality parameter		
	Nitrate-Nitrogen ($\text{NO}_3^- - \text{N}$)	Phosphate (PO_4^{3-})	Chemical Oxygen Demand (COD)
Ile aux Benitiers	< 0.1	0.01 - 0.03	< 0.1 - 1.4
Bel Ombre	< 0.1	< 0.01 - 0.06	0.2 - 0.7
Bambous Virieux	< 0.1	< 0.01 - 0.01	0.1 - 1.0
Trou D'Eau Douce	< 0.1	0.01 - 0.02	0.3 - 0.6
Anse la Raie	< 0.1	0.01 - 0.04	0.4 - 0.8
Trou aux Biches	< 0.1	< 0.01 - 0.04	0.1 - 1.2
Pointe aux Sables	< 0.1	0.01 - 0.06	0.1 - 0.5
Tombeau Bay	< 0.1	< 0.01 - 0.08	< 0.1 - 1.5
Port Louis Harbour	< 0.1	0.03 - 0.09	< 0.1 - 1.3

Source: Albion Fisheries Research Centre, Ministry of Agro Industry and Fisheries.

Table 4.16 - Volume of wastewater treated by public treatment stations, 1998 - 2007

Million cubic metres

Station	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Fort Victoria	5.10	5.20	5.20	5.30	5.30	8.10	5.06	5.20	7.84	-
Baie du Tombeau	4.70	4.75	4.80	4.85	4.85	8.26	8.27	8.27	8.40	8.20
Pailles TP ¹	0.08	0.08	0.08	0.08	0.08	0.11	0.12	0.18	0.07	0.07
B. Marchand ¹	0.18	0.18	0.18	0.18	0.18	0.26	0.27	0.19	0.17	0.17
Riviere du Rempart ¹	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06
Borstal ¹	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	-
Pte aux Sables	1.33	1.33	1.34	1.34	1.34	1.34	1.34	1.34	4.07	-
St. Martin	8.14	8.16	8.18	8.20	8.20	10.89	13.10	13.88	14.93	15.50
Kennedy ²	0.35	0.35	0.35	0.35	0.35	0.35	0.36	0.36	-	-
Robinson	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03
Vuillemin ¹	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.10	0.10
Flacq ¹	0.03	0.03	0.03	0.03	0.03	0.03	0.18	0.23	0.10	0.10
Dubreuil ³	0.13	0.13	0.13	0.13	0.13	1.22	0.68	0.68	0.10	0.10
Total	20.22	20.39	20.47	20.64	20.65	30.74	29.56	30.51	35.90	24.33

Source : Wastewater Management Authority

¹ Serves CHA houses² Serves CHA houses and V. Hospital³ Serves CHA + NHDC houses

Table 4.17 - Water quality in coastal area - (Terre Rouge Rivulet Bird Sanctuary), 1998 - 2007

Variable	Unit	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Chemical Oxygen Demand (COD)	mg O ₂ /l	1.4	1.5	1.3	1.0	0.4	2.1	0.4	0.4	0.6	2.0
Total Phosphorus ¹	mg P/l	0.16	0.19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Nitrogen ²	mg N/l	0.1	0.2	0.1	0.1	0	0	0	0	0	0

Source : Albion Fisheries Research Centre, Ministry of Agro Industry and Fisheries

¹ Data given are for the variable Phosphate

² Data given are for the variable Nitrate-nitrogen

Note: All values below detection limit are taken as zero.

Table 4.18 - Certain notifiable waterborne diseases reported to sanitary authorities, 1998 - 2007

Year \ Disease	Amoebiasis	Food Poisoning	Infective Hepatitis	Leptospirosis	Malaria		Schistosomiasis	Typhoid Fever	Total
					Indigenous	Imported			
1998	-	28	16	7	-	52	-	6	109
1999	1	73	24	1	-	73	-	2	174
2000	1	62	12	3	-	62	-	10	150
2001	8	23	41	3	-	62	-	1	138
2002	-	33	11	1	-	38	-	1	84
2003	-	60	20	3	-	40	-	2	125
2004	-	160	19	3	-	45	-	1	228
2005	-	29	12	6	-	35	-	5	87
2006	1	78	5	6	-	38	-	4	132
2007	-	766	5	9	-	42	-	15	837

Source : Statistics Unit, Ministry of Health and Quality of Life

Table 4.19 - Enteritis and other diarrhoeal diseases, 1998 - 2007

YEAR	Cases treated as in-patients in government hospitals					Deaths in whole island				
	Under one Year	1 - 4 Years	5 - 14 Years	15 Years and over	Total	Under one Year	1 - 4 Years	5 - 14 Years	15 Years and over	Total
1998	751	1,366	557	2,061	4,735	5	-	-	8	13
1999	1,012	2,007	751	2,584	6,354	3	1	-	7	11
2000	961	1,872	666	3,167	6,666	3	2	-	13	18
2001	616	880	483	2,517	4,496	3	2	-	9	14
2002	862	1,652	603	2,777	5,894	3	2	-	6	11
2003	487	1,029	528	2,515	4,559	3	2	1	7	13
2004	566	2,044	1,024	2,218	5,852	6	5	-	6	17
2005	538	1,380	648	2,588	5,154	1	1	-	8	10
2006	742	2,373	975	3,853	7,943	2	2	-	24	28
2007	636	1,483	945	3,260	6,324	2	-	-	11	13

Source : Statistics Unit, Ministry of Health and Quality of Life

Table 4.20 - Sea transport¹, 1998 - 2007

Period	Vessels entering		Vessels leaving		Goods	
	Number	Net registered tonnage (000t)	Number	Net registered tonnage (000t)	Unloaded (000t)	Loaded ² (000t)
1998	1,782	5,925	1,810	5,924	3,129	1,033
1999	1,665	6,725	1,676	6,129	3,355	1,198
2000	1,658	6,387	1,633	6,087	3,677	1,514
2001	1,643	7,026	1,782	6,482	4,362	1,365
2002	1,664	8,595	1,612	7,871	3,961	947
2003	1,588	8,399	1,578	8,843	4,076	1,165
2004	1,330	7,800	1,481	8,662	4,696	1,773
2005	1,407	6,786	1,318	6,713	4,709	1,197
2006	1,365	7,400	1,321	7,265	4,619	1,226
2007	2,317	-	-	-	5,080	1,179

¹ exclude fishing vessels berthed in Port Louis only.

² exclude bunkers.

Table 4.21 - Contraventions established by the National Coast Guard, 2007

Month	Illegal fishing activities	Beach offences	Illegal pleasure craft activities	Miscellaneous	Total
January	9	27	59	16	111
February	-	23	42	6	71
March	10	11	51	5	77
April	3	13	24	13	53
May	1	14	38	8	61
June	2	6	22	12	42
July	1	5	21	6	33
August	1	11	11	5	28
September	4	4	31	3	42
October	3	10	26	8	47
November	2	9	71	6	88
December	3	17	29	7	56
Total	39	150	425	95	709

Source: Police Department

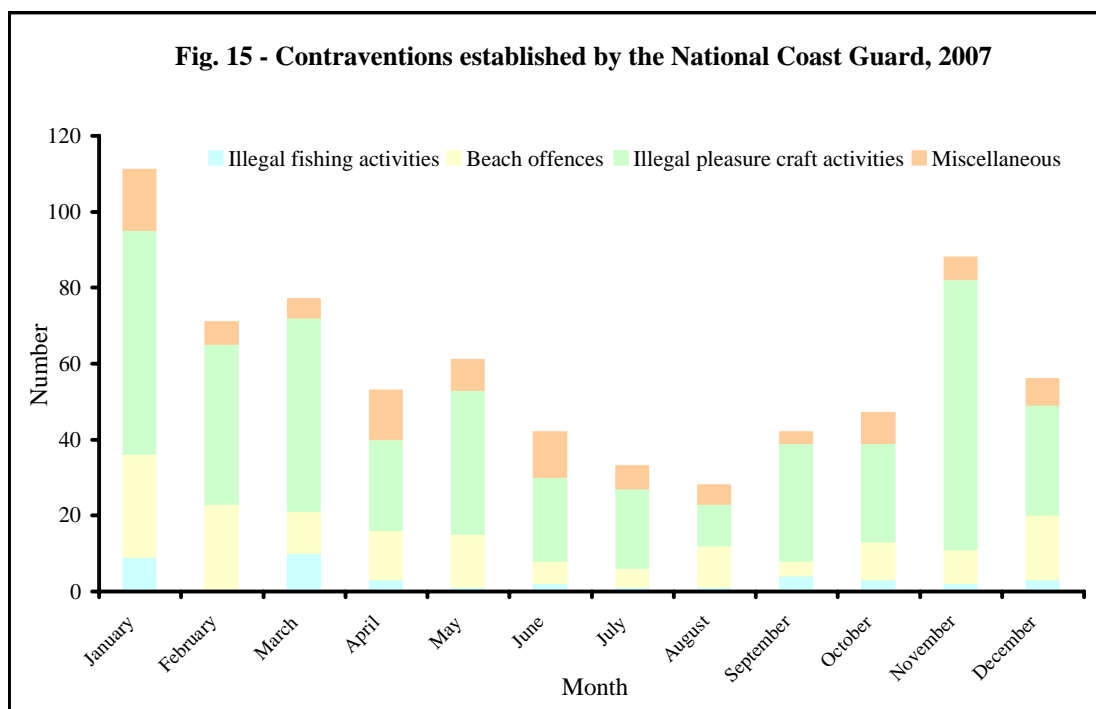


Table 4.22 - Mean sea surface temperature around the Island of Mauritius, 1998 - 2007

Degrees celcius

	January	February	March	April	May	June	July	August	September	October	November	December	Average for the year
1998 Mean	26.7	27.6	26.1	26.1	25.4	23.6	23.1	22.4	22.4	23.5	23.8	26.1	24.7
<i>Difference from Normal</i>	0.7	0.1	1.7	1.0	0.7	1.4	0.9	1.1	1.1	0.6	1.4	0.5	
1999 Mean	25.4	26.6	26.5	25.5	25.0	24.3	23.0	22.8	22.3	23.0	24.5	25.4	24.5
<i>Difference from Normal</i>	2.0	1.1	1.3	1.6	1.1	0.7	1.0	0.7	1.2	1.1	0.7	1.2	
2000 Mean	26.3	26.6	26.7	26.0	24.8	24.2	22.9	22.4	22.6	23.2	23.9	24.8	24.5
<i>Difference from Normal</i>	1.1	1.1	1.1	1.1	1.3	0.8	1.1	1.1	0.9	0.9	1.3	1.8	
2001 Mean	25.5	27.3	26.6	26.6	25.3	23.7	23.5	22.7	22.5	23.2	24.2	25.9	24.8
<i>Difference from Normal</i>	1.9	0.4	1.2	0.5	0.8	1.3	0.5	0.8	1.0	0.9	1.0	0.7	
2002 Mean	26.3	27.6	28.1	26.3	26.2	24.2	23.9	22.6	24.0	24.7	25.1	27.2	25.5
<i>Difference from Normal</i>	1.1	0.1	-0.3	0.8	-0.1	0.8	0.1	0.9	-0.5	-0.6	0.1	-0.6	
2003 Mean	27.7	28.1	27.9	27.2	26.5	25.4	23.9	23.1	23.4	23.9	25.5	26.7	25.8
<i>Difference from Normal</i>	-0.3	-0.4	-0.1	-0.1	-0.4	-0.4	0.1	0.4	0.1	0.2	-0.3	-0.1	
2004 Mean	26.9	28.6	27.7	27.7	27.3	24.6	23.9	23.6	23.4	24.0	25.3	26.5	25.8
<i>Difference from Normal</i>	0.5	-0.9	0.1	-0.6	-1.2	0.4	0.1	-0.1	0.1	0.1	-0.1	0.1	
2005 Mean	27.8	28.6	28.0	27.4	26.5	25.0	24.1	24.0	23.5	24.9	24.9	26.3	25.9
<i>Difference from Normal</i>	-0.4	-0.9	-0.2	-0.3	-0.4	0.0	-0.1	-0.5	0.0	-0.8	0.3	0.3	
2006 Mean	27.7	27.1	27.5	27.5	27.3	24.5	24.1	23.5	23.8	24.1	25.1	26.7	25.7
<i>Difference from Normal</i>	-0.3	0.6	0.3	-0.4	-1.2	0.5	-0.1	0.0	-0.3	0.0	0.1	-0.1	
2007 Mean	27.7	28.6	27.2	26.8	26.2	25.3	24.3	23.8	23.6	24.0	25.5	26.1	25.8
<i>Difference from Normal</i>	0.3	0.9	-0.6	-0.3	0.1	0.3	0.3	0.3	0.1	-0.1	0.3	-0.5	
Mean 1971 -2000	27.4	27.7	27.8	27.1	26.1	25.0	24.0	23.5	23.5	24.1	25.2	26.6	25.7

Source : Meteorological Services

Table 4.23 - Percentage distribution of households by type of water supply and other amenities available, Republic of Mauritius, 1990 and 2000 Housing Censuses.

Amenity available	Housing Censuses	
	1990 (%)	2000 (%)
1. Water supply		
(i) Piped water inside house	56.0	83.7
(ii) Piped water outside on premises	33.5	14.5
(iii) Public fountain, well, rivers, etc.	10.5	1.8
2. Availability of water tank / Reservoir	...	36.4
3. Bathroom		
(i) With running water	63.6	89.0
(ii) Without running water	30.9	10.0
(iii) None	5.5	1.0
4. Toilet		
(i) Flush toilet	62.8	88.8
(ii) Pit latrine	36.5	11.0
(iii) Other	0.7	0.2

CHAPTER 5

LAND

Table 5.1 - Land use by category, Island of Mauritius , 1995 and 2005

	2005 ¹		1995		Change	
	Hectares	%	Hectares	%	Hectares	%
<i>Sugar cane plantations (Source SIFB)</i>	72,000	38.6	76,840	41.2	-4,840	-6.3
<i>Tea plantations (Source Tea Board)</i>	674	0.4	3,660	1.9	-2,986	-81.6
<i>Other agricultural activities</i>	8,000	4.3	6,000	3.2	2,000	33.3
Total agricultural land	80,674		86,500		-5,826	
Forests, scrubs & grazing lands	47,200	25.3	57,000	30.6	-9,800	-17.2
Infrastructure	4,500	2.3	4,000	2.1	500	12.5
Inland water resource systems	2,900	1.6	2,600	1.4	300	11.5
Built-up areas	46,500	24.9	36,400	19.5	10,100	27.7
Abandoned cane fields	4,726	2.5	...	...	...	...
Total	186,500	100.0	186,500	100.0		

Source : Stocktaking and Stakeholders Consultation Climate Change Activities, May 2006

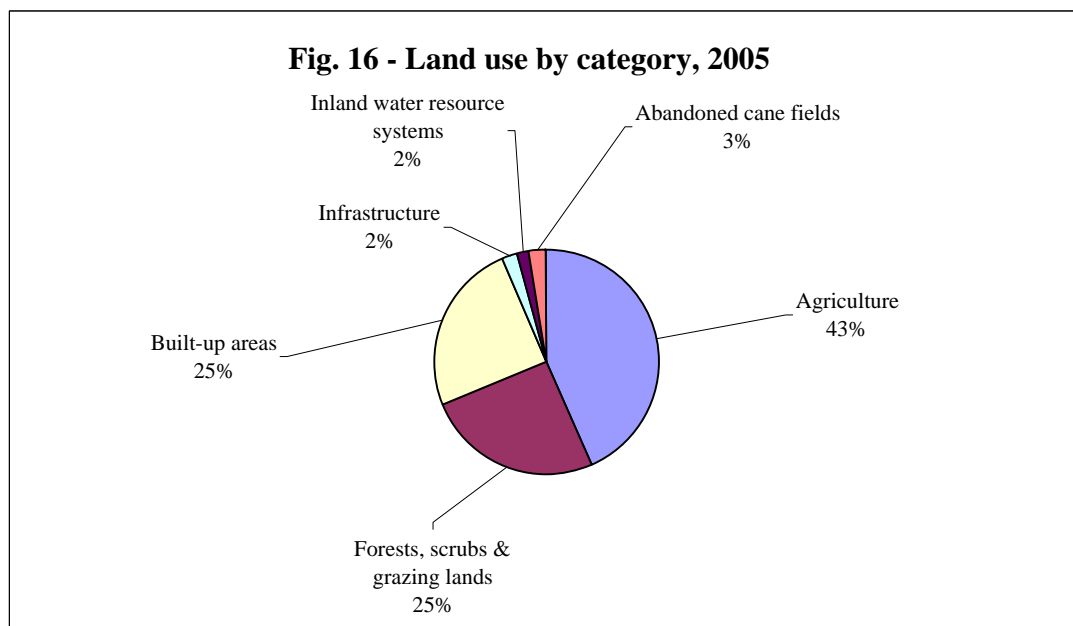


Table 5.2 - Effective area under cultivation, 2005 - 2007

Crops	Hectares		
	2005	2006	2007
Sugarcane	71,583	70,801	68,523
Tea	670	688	709
Tobacco	348	252	258

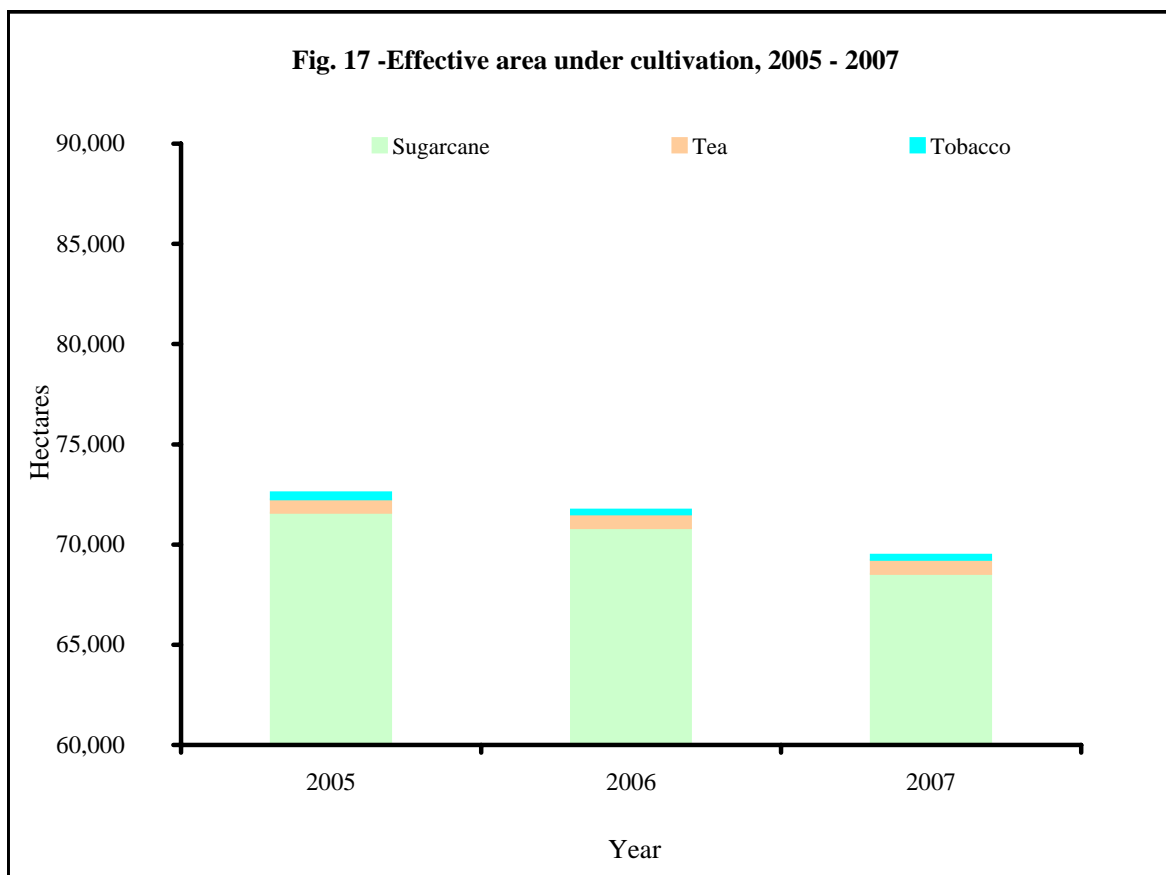


Table 5.3 - Road network, 1998 - 2007

Year	Length of roads (km)					% of roads paved	Density of total network in km per sq km ¹	Number of vehicles per km of road
	Motorways	Main roads	Secondary roads	Other roads	Total			
1998	36	902	582	390	1,910	96	1.02	114
1999	36	902	582	390	1,910	96	1.02	122
2000	44	910	582	390	1,926	97	1.03	127
2001	60	950	592	398	2,000	98	1.07	128
2002	60	950	592	398	2,000	98	1.07	133
2003	75	950	592	398	2,015	98	1.08	137
2004	75	955	592	398	2,020	98	1.08	144
2005	75	955	592	398	2,020	98	1.08	151
2006	75	955	593	398	2,021	98	1.08	158
2007	75	962	593	398	2,028	98	1.09	165

¹ density of total network in km per sq km is the ratio of the total number of km of roads to the area of Mauritius (1865 sq km)

Table 5.4 - Number of accidents by severity of accident, 1998 - 2007

Year	Severity of accident				
	Fatal ¹	Serious	Slight	No injury	Total
1998	152	229	2,557	15,117	18,055
1999	154	196	2,241	15,286	17,877
2000	148	191	2,081	15,858	18,278
2001	112	218	2,147	16,040	18,517
2002	144	162	1,852	15,864	18,022
2003	121	211	1,729	17,177	19,238
2004	131	184	1,845	17,335	19,495
2005	116	295	1,733	20,410	22,554
2006	122	296	1,529	18,295	20,242
2007	133	403	1,654	18,329	20,519

¹ Prior to 2002, a fatal accident was defined as an accident where death occurred within 7 days .
As from 2002 a fatal accident is defined as an accident where death occurred within 30 days.

Table 5.5 - Imports of fertilisers and pesticides, 1998 - 2007

Tonnes

Commodities	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Fertilizers	43,160	42,788	56,617	68,966	43,877	64,081	48,749	61,605	55,313	45,336
Pesticides	1,552	1,522	1,549	1,824	1,959	2,222	2,072	2,141	2,393	1,965
<i>Insecticides</i>	<i>428</i>	<i>530</i>	<i>439</i>	<i>605</i>	<i>755</i>	<i>809</i>	<i>642</i>	<i>707</i>	<i>1,294</i>	<i>648</i>
<i>Fungicides</i>	<i>175</i>	<i>120</i>	<i>163</i>	<i>177</i>	<i>199</i>	<i>201</i>	<i>210</i>	<i>242</i>	<i>188</i>	<i>212</i>
<i>Weedkillers</i>	<i>949</i>	<i>872</i>	<i>947</i>	<i>1,042</i>	<i>1,005</i>	<i>1,212</i>	<i>1,220</i>	<i>1,192</i>	<i>911</i>	<i>1,105</i>

Fig. 18 - Imports of fertilisers and pesticides, 1998 - 2007

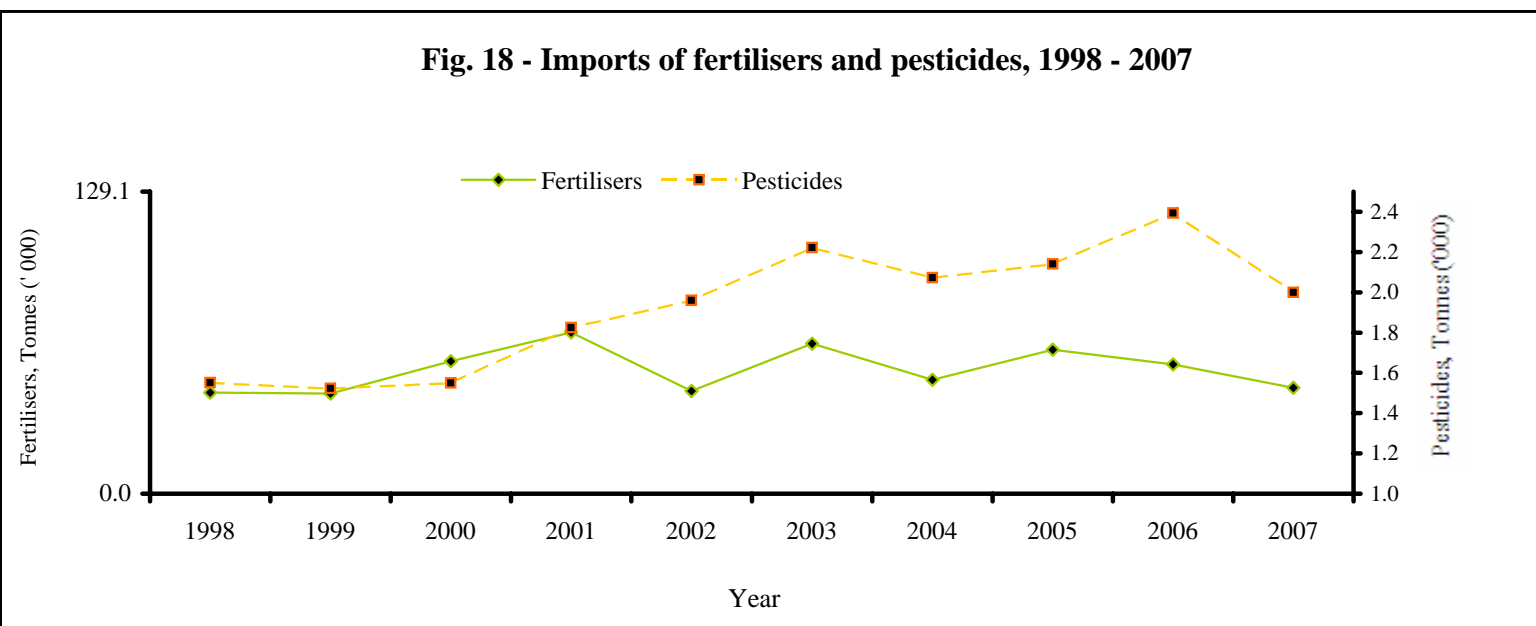


Table 5.6 - Imports of fertilizers, Island of Mauritius, 2005 - 2007

Year	Quantity (tonnes)	Value	
		FOB (Rs mn)	CIF (Rs mn)
2005	61,605	441.4	536.5
2006	55,313	392.9	471.2
2007	45,336	379.9	476.2

FOB: Free on board

CIF: Cost, Insurance, Freight

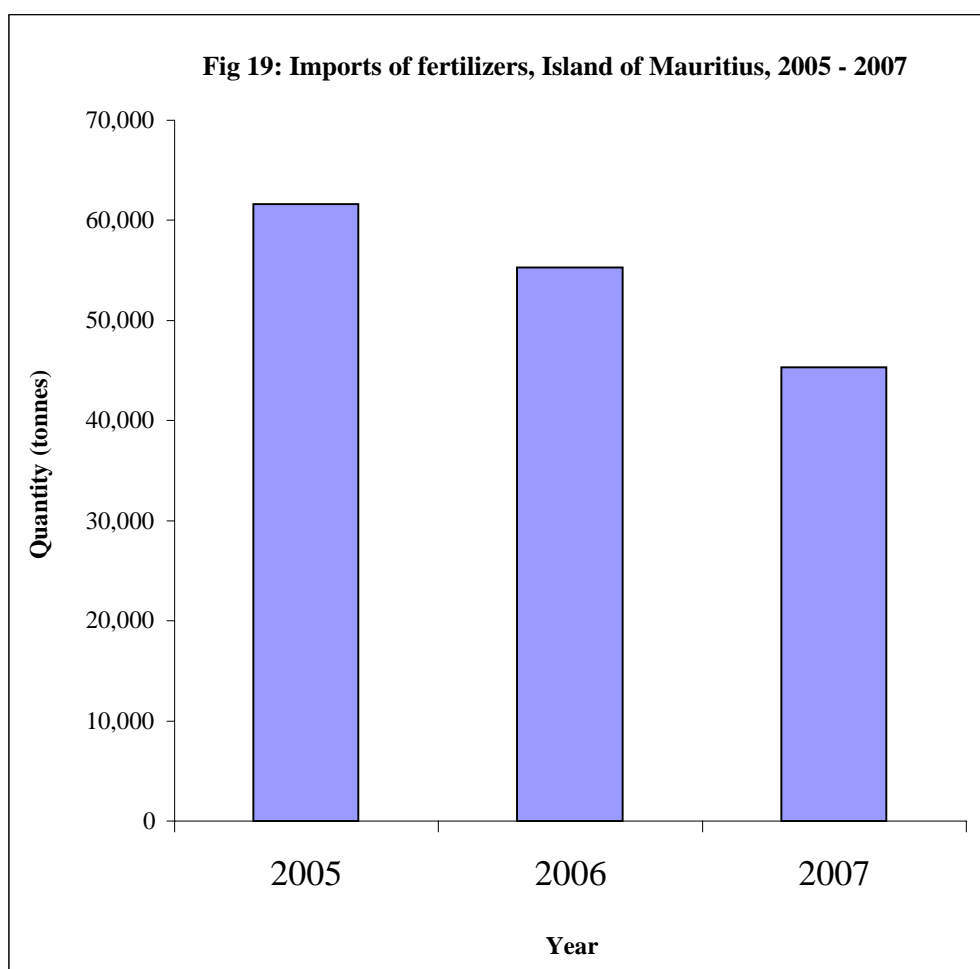


Table 5.7 - Land under irrigation, 2000 - 2007

Hectares				
Year	Overhead	Surface	Drip	Total
2000	15,951	2,020	1,535	19,506
2001	17,119	2,723	1,789	21,631
2002	17,028	2,372	1,822	21,222
2003	17,706	2,032	1,881	21,619
2004	17,548	1,837	2,032	21,417
2005	16,761	1,768	2,129	20,658
2006	17,576	1,738	2,109	21,422
2007	17,602	1,618	2,101	21,321
(By region) 2007				
North	5,728	579	1,094	7,401
East	3,396	-	241	3,637
Centre	589	71	-	660
West	4,001	968	257	5,226
South	3,888	-	509	4,397

Table 5.8 - Number of permits¹ and floor area by region, 2002 - 2007

Region	2002		2003		2004 ²		2005		2006		2007	
	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)
Urban areas	3,689	651,242	3,723	676,851	2,582	446,921	2,902	556,974	3,560	650,202	3,048	639,398
Port Louis	1,003	185,002	1,006	226,690	710	146,807	642	162,633	894	172,647	746	140,920
Beau Bassin - Rose Hill	525	93,308	582	101,951	421	75,426	505	87,932	440	76,880	454	69,200
Curepipe	632	84,741	584	93,912	351	53,703	486	69,360	534	82,975	463	66,081
Quatre Bornes	534	163,938	556	128,231	308	63,935	570	114,620	569	157,931	466	175,162
Vacoas - Phoenix	995	124,253	995	126,067	792	107,050	699	122,429	1,123	159,769	919	188,035
Rural areas	5,365	891,358	5,400	960,884	4,001	728,503	5,088	866,064	5,130	918,479	6,052	1,320,195
Pamplemousses	931	173,086	966	213,286	798	127,027	914	159,098	866	142,443	808	154,881
Riviere du Rempart	799	135,612	982	191,488	727	125,187	773	142,013	781	131,390	1,041	242,050
Flacq	1,131	154,765	1,137	159,283	689	96,351	1,007	137,560	986	173,616	1,181	205,193
Grand Port	710	100,197	793	103,743	517	68,835	576	76,560	708	120,150	697	135,810
Savanne	531	66,563	501	87,825	338	50,041	548	85,765	664	93,563	801	124,666
Plaines Wilhems	53	7,405	52	10,057	28	8,249	40	5,287	63	10,513	35	6,613
Moka	567	120,466	470	77,675	357	63,590	571	71,606	632	117,818	611	138,233
Black River	643	133,264	499	117,527	547	189,223	659	188,175	430	128,986	878	312,749
Total	9,054	1,542,600	9,123	1,637,735	6,583	1,175,424	7,990	1,423,038	8,690	1,568,681	9,100	1,959,593

¹ includes new buildings and additions for which permits have been issued by Municipalities and Ministry of Public Infrastructure, Land Transport and Shipping

² Jan - Sept 2004

Table 5.9 - Number of permits¹ and floor area by type of building, 2002 - 2007

Type of building	2002		2003		2004		2005		2006		2007	
	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)
Residential	8,671	1,222,347	8,712	1,229,510	6,287	894,562	7,538	1,127,378	8,122	1,250,115	8,133	1,292,860
New buildings	4,167	758,397	4,301	768,796	3,332	583,663	4,207	776,608	4,611	884,513	4,740	932,465
Additions	4,504	463,950	4,411	460,714	2,955	310,899	3,331	350,770	3,511	365,602	3,393	360,395
Non residential	383	320,253	411	408,225	276	280,862	452	289,660	568	318,436	967	667,520
Agriculture, forestry, hunting and fishing	11	3,979	11	8,972	14	11,232	31	10,815	23	16,184	62	47,372
Manufacturing	48	69,546	49	67,496	30	30,456	47	87,551	31	37,857	98	191,190
Electricity and water	-	-	3	10,355	-	-	1	1,547	2	877	-	877
Construction	2	2,204	1	248	1	411	-	-	-	-	4	11,360
Wholesale and retail trade, restaurant and hotels	251	151,525	261	232,711	163	144,147	289	127,141	386	172,071	575	225,275
Transport, storage & communication	4	659	5	15,071	2	2,686	3	4,150	14	13,170	32	15,316
Banking, insurance and real estate	6	57,444	13	25,455	20	60,347	26	27,377	38	49,843	67	112,226
Community, social & personal services	61	34,896	68	47,917	46	31,583	55	31,079	74	28,434	129	63,904
Total	9,054	1,542,600	9,123	1,637,735	6,563	1,175,424	7,990	1,417,038	8,690	1,568,551	9,100	1,960,380

¹ includes new buildings and additions for which permits have been issued by Municipalities and Ministry of Public Infrastructure, Land Transport and Shipping

Table 5.10 - Solid waste input by type at Mare Chicose landfill site, 2002 - 2007

Waste type	Tonnes					
	2002	2003	2004	2005	2006	2007
Commercial	1,843	-	-	-	-	-
Construction	6,404	7,199	6,097	3,756	1,109	725
Domestic	325,006	352,915	365,528	363,776	387,751	365,811
Industrial (inc. textile)	6,429	4,421	3,097	2,340	2,619	2,010
Tuna/Sludge	48	120	189	5,913	8,056	13,642
Poultry	3,615	3,236	3,962	3,930	3,752	3,668
Rubber tyres	240	378	423	394	465	231
Asbestos	34	71	36	85	14	254
Condemned goods	1,626	2,754	1,770	2,114	3,265	2,019
Difficult and hazardous	...	...	12	22	8	4
Paper Waste	-	-	-	-	-	3
TOTAL	345,244	371,094	381,114	382,330	407,039	388,367

Source: Ministry for Local Government

Table 5.11 - Monthly solid waste input by type at Mare Chicose landfill site, Jan - Dec 2007

Waste type	Tonnes												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Domestic	30,454	31,800	39,049	29,063	27,480	26,453	27,093	30,143	27,445	30,437	31,552	34,842	365,811
Textile	98	105	82	124	153	97	3	152	108	124	104	121	1,271
Poultry	223	221	206	231	278	323	330	180	166	273	617	621	3,668
Tuna/Sludge	649	855	944	1,333	1,238	1,267	1,163	1,398	1,061	1,308	1,171	1,255	13,642
Rubber tyres	21	13	15	24	24	8	26	19	19	14	19	28	231
Industrial	81	71	59	64	60	55	68	57	53	65	49	56	739
Construction waste	29	25	10	12	4	11	96	36	108	4	134	255	725
Asbestos	0	0	0	0	3	0	0	0	251	0	0	0	254
Condemned goods	275	105	83	128	126	190	459	95	33	336	102	86	2,019
Difficult and hazardeous	0	4	0	0	0	0	0	0	0	0	0	0	4
Paper waste	0	0	0	0	0	0	0	0	0	0	0	3	3
Total	31,830	33,198	40,448	30,979	29,367	28,405	29,239	32,080	29,244	32,562	33,749	37,267	388,367

Source: Ministry for Local Government

Table 5.12 - Number of EIA and PER licences granted by type of project, Island of Mauritius, 2003 - 2007

Project	EIA					PER ²	
	2003	2004	2005	2006	2007	2006	2007 ¹
Land parcelling (morcellement)	14	21	19	9	1	8	5
Poultry rearing	18	-	-	-	19	15	19
Industrial development	28	1	5	4	19	17	28
Coastal hotels & related works	4	15	10	20	-	1	23
Livestock rearing	4	-	-	-	9	6	-
Housing	4	34	7	13	-	14	4
Stone crushing plants	1	2	3	1	-	-	-
Development in port area	-	-	1	1	-	-	-
Service ("filling") station	14	-	-	-	8	4	-
Other	8	12	10	7	-	26	17
Total	95	85	55	55	56	91	96

Source : Department of Environment of the Ministry of Environment and National Development Unit

¹ *Provisional*

² *PER licence was issued as from September 2002. Four PER licences issued in 2002 were included in 2003.*

Table 5.13 - Number of establishments¹ by industrial group, Republic of Mauritius, 2003 - 2007

Industrial group	Number of establishments				
	2003	2004	2005	2006	2007
Agriculture, forestry and fishing	<u>255</u>	<u>234</u>	<u>228</u>	<u>218</u>	<u>215</u>
<i>Sugarcane</i>	<i>144</i>	<i>123</i>	<i>118</i>	<i>117</i>	<i>112</i>
<i>Tea</i>	<i>9</i>	<i>8</i>	<i>7</i>	<i>8</i>	<i>8</i>
<i>Tobacco</i>	<i>41</i>	<i>37</i>	<i>35</i>	<i>31</i>	<i>35</i>
<i>Other agriculture</i>	<i>61</i>	<i>66</i>	<i>68</i>	<i>62</i>	<i>60</i>
Mining and quarrying	<u>8</u>	<u>8</u>	<u>6</u>	<u>6</u>	<u>5</u>
Manufacturing	<u>919</u>	<u>908</u>	<u>884</u>	<u>824</u>	<u>807</u>
<i>Food</i>	<i>108</i>	<i>111</i>	<i>117</i>	<i>114</i>	<i>113</i>
<i>Beverage and tobacco</i>	<i>16</i>	<i>16</i>	<i>17</i>	<i>15</i>	<i>16</i>
<i>Textile and wearing apparel (except footwear)</i>	<i>370</i>	<i>351</i>	<i>325</i>	<i>291</i>	<i>289</i>
<i>Other manufacturing</i>	<i>425</i>	<i>430</i>	<i>425</i>	<i>404</i>	<i>389</i>
Electricity, gas and water	<u>6</u>	<u>6</u>	<u>7</u>	<u>7</u>	<u>8</u>
Construction	<u>95</u>	<u>93</u>	<u>95</u>	<u>90</u>	<u>85</u>
Wholesale and retail trade, repair of m/vehicles, motorcycle, personal & household goods	<u>364</u>	<u>371</u>	<u>364</u>	<u>358</u>	<u>377</u>
<i>Wholesale and retail trade</i>	<i>323</i>	<i>330</i>	<i>321</i>	<i>317</i>	<i>337</i>
<i>Maintenance and repair of motor vehicles and motorcycles</i>	<i>15</i>	<i>13</i>	<i>12</i>	<i>11</i>	<i>11</i>
<i>Sales of motor vehicles, motorcycles and related parts; automotive fuel</i>	<i>26</i>	<i>28</i>	<i>31</i>	<i>30</i>	<i>29</i>
Hotels and restaurants	<u>143</u>	<u>142</u>	<u>151</u>	<u>136</u>	<u>139</u>
Transport , storage and communication	<u>104</u>	<u>106</u>	<u>105</u>	<u>106</u>	<u>106</u>
Financial intermediation	<u>70</u>	<u>64</u>	<u>77</u>	<u>89</u>	<u>90</u>
Real estate, renting and business activities	<u>167</u>	<u>197</u>	<u>217</u>	<u>219</u>	<u>221</u>
Public administration & defence; compulsory social security	<u>151</u>	<u>150</u>	<u>154</u>	<u>159</u>	<u>154</u>
Education	<u>151</u>	<u>155</u>	<u>175</u>	<u>179</u>	<u>180</u>
Health and social work	<u>46</u>	<u>53</u>	<u>41</u>	<u>44</u>	<u>44</u>
Other community, social and personal services	<u>80</u>	<u>68</u>	<u>82</u>	<u>84</u>	<u>83</u>
Total	2,559	2,555	2,586	2,519	2,514

¹ Only large establishments have been considered, i.e those engaging 10 or more persons

Table 5.14 - List of Proclaimed Public Beaches by districts

Name	Extent (ha)	Sea Frontage (m) (Approx)
PAMPLEMOUSSES		
Le Goulet	3.5	470
Ville Valio	1.3	65
Pointe aux Piments (Portion 1)	2.0	203
Pointe aux Piments (Portion 2)	1.2	122
Pointe aux Piments (Portion 3)	2.5	715
Pointe aux Piments	0.2	111
Pointe aux Piments (Portion 4)	1.4	300
Pointe aux Piments (Portion 5)	0.6	244
Pointe aux Piments (Portion 6)	4.0	740
Pointe aux Piments (Portion7)	2.6	447
Trou aux Biches	2.6	700
Trou aux Biches (In front of Police Station)	0.9	73
Trou aux Biches (Opp. Casuarina)	1.0	215
Mon Choisy	17.0	1457
The Vale	0.3	63
RIVIERE DU REMPART		
Grand Baie	1.2	346
La Cuvette	1.8	310
Pereybere	1.8	108
Bain Boeuf	2.2	727
Cap Malheureux	0.2	39
P.G. Union Ribet	17.5	1163
Anse La Raie	0.6	110
Butte a l'Herbe	8.8	560
Belle Vue Cugnet	0.3	62
Grand Gaube	0.7	220
Islet Matapan & Pt. of P.G. Melville	5	1050
Poudre d'Or	4.2	848
Volke Molke	0.7	167
FLACQ		
Roches Noires	2.1	350
Poste Lafayette	1.0	130
Poste Lafayette	7.2	620
Poste Lafayette	0.4	30
Bras d'Eau	2.7	650
Part of P.G Choisy	1.7	200
Belle Mare (Part of P.G)	0.3	280
Belle Mare	17.4	1500
Belle Mare	8.4	430
Belle Mare	3.0	210
Palmar	1.1	150
Palmar	0.6	230
Palmar	18.5	1400
Quatres Cocos Vge.	0.3	100
Trou d'Eau Douce	0.9	360
Trou d'Eau Douce	3.2	750
GRSE	0.5	110

Table 5.14 (Con't) - List of Proclaimed Public Beaches by district

Name	Extent (ha)	Sea Frontage (m) (Approx)
GRAND PORT		
Grand Sable	0.1	66
Pointe du Diable	0.2	71
Pointe des Bambous	0.1	148
Bois des Amourettes	1.0	275
Old Grand Port	0.2	59
Riviere des Creoles	0.4	257
Pointe Canon	1.0	400
Pointe des Regates	1.0	700
Mahebourg Village (Portion No.2)	0.2	10
Remy Ollier Square(Portion No.1)	0.4	180
Blue Bay	4.8	400
La Cambuse	5.5	692
Le Bouchon	11.0	1475
Pont Naturel (Proposed to be increased to 8A)	0.8	163
Le Souffleur	2.0	180
SAVANNE		
Terracine	6.1	1048
Gris Gris	3.8	220
Telfair	1.4	285
Surinam	0.3	100
Near Souillac Cemetery	1.3	885
Pomponette(P.G Bel Air)	7.0	915
Saint Felix	2.7	990
Riviere des Galets	11.6	1530
BLACK RIVER		
La Prairie (Exclusive of B/R-S Coast Rd)	2.2	300
P.G L'Embrasure	4.7	93
Le Morne Brabant	21.5	1900
P.G Le Morne	0.5	40
P.G Le Morne	0.5	50
P.G Le Morne(4700m ² deproclaimed)	0.5	50
P.G. Comtesse La Marque	13.0	1395
La Preneuse	0.5	83
Tamarin	2.2	410
Wolmar	1.3	50
Flic en Flac / Wolmar	13.6	1920
Flic en Flac	0.7	110
Flic en Flac	2.1	512
P.G Anna	0.4	10
Albion	0.3	145
P.G. Mon Plaisir	2.1	250
Petit Verger	0.2	62
Petit Verger	0.2	50
Pointe aux Sables	1.1	88
PORT LOUIS		
Grand River North West	0.7	198

CHAPTER 6

HUMAN SETTLEMENTS

Table 6.1 - Main environment & socio - economic indicators, 1998 and 2007

	Units	1998	2007 ¹
Environment indicators			
1. Total land area	000 ha	186.5	186.5
2. Irrigated land	ha	18,379	21,321
3. Forest area (as a % of total land area)	%	30.6	25.3
4. Land protected areas	ha	13,973	14,579
5. Marine protected areas	ha	7,190	7,190
6. Threatened plant species (IUCN Red List)	Number	...	88
7. Threatened animal species (IUCN Red List)	Number	...	65
8. Total fish catch	tons	9,786	6,952
9. Mean catch per fisherman day	kg	5.3	4.4
10. Total Carbon dioxide emission	000 tons	...	3,450
11. Per capita carbon dioxide emission	tons	...	2.7
12. Mean annual rainfall	millimetres	1,676.8	1,914.0
13. Annual fresh water abstraction	Mm ³	639.0	630.0
14. Daily per capita domestic water consumption	litres	168.4	162.0
15. Daily per capita solid waste generated (<i>estimate</i>)	Kg	0.7	0.9
16. Total electricity generated	GWh	1,538.9	2,465.0
17. Per capita primary energy requirement	toe	0.9	1.1
18. Per capita final energy consumption	toe	0.6	0.7
19. Energy intensity	100,000 GDP	2.0	1.6
Socio - economic indicators			
1. Gross Domestic Product (GDP) at market prices	Rs mn	100,042	206,934
2. Sectoral contribution to GDP			
<i>Agriculture</i>	%	9.3	4.7
<i>Manufacturing</i>	%	24.0	19.8
<i>Construction</i>	%	5.4	6.4
<i>Wholesale and retail trade</i>	%	12.7	12.4
<i>Hotels and restaurants</i>	%	6.2	9.4
<i>Transport and communications</i>	%	11.8	12.0
<i>Financial intermediation and business services</i>	%	16.1	21.4
<i>Other</i>	%	23.2	14.0
3. GDP annual growth rate (basic prices)	%	+5.8	+5.4
4. Per capita GDP at market prices	Rs	86,199	186,831
5. Per capita GDP in US dollars	US\$	3,595	5,956
6. Investment (GDFCF)	Rs mn	22,870	59,170
7. Exports (f.o.b) (include ship's stores and bunkers)	Rs mn	40,051	69,482
8. Imports (c.i.f)	Rs mn	49,742	121,081
9. Population	000	1,160.4	1,260.4
10. Population annual growth rate	%	1.0	0.6
11. Population density (per kilometre square)	Number	572	620
12. Total labour force ²	000	517.0	570.5
13. Total employment ²	000	487.2	523.7
<i>Agriculture (as a % of total)</i>	%	11.8	9.0
<i>Manufacturing (as a % of total)</i>	%	29.5	23.4
14. Unemployment rate ²	%	6.9	8.5
15. Inflation rate	%	6.8	8.8
16. Tourist arrivals	000	558.2	907.0

¹ Provisional² Labour force, employment and unemployment, 16 years and over.

Table 6.2 - Evolution of the population by urban ¹ /rural residence and sex between the 1990 and 2000 censuses

Urban\Rural Residence	1990 census ²			2000 census ²			Intercensal increase	
	Both sexes	Male	Female	Both sexes	Male	Female	Number	Annual average (%)
Island of Mauritius	1,022,456	510,676	511,780	1,143,069	566,056	577,013	120,613	1.12
Urban population	414,242	206,104	208,138	503,045	247,844	255,201	88,803	1.96
Port Louis	132,460	65,873	66,587	144,303	71,720	72,583	11,843	0.86
Beau Bassin/Rose Hill	91,518	45,497	46,021	103,872	50,730	53,142	12,354	1.27
Quatre Bornes	68,398	33,875	34,523	75,884	37,306	38,578	7,486	1.04
Vacoas/Phoenix	56,452	28,235	28,217	100,066	49,452	50,614	43,614	5.89
Curepipe	65,414	32,624	32,790	78,920	38,636	40,284	13,506	1.89
Rural population	608,214	304,572	303,642	640,024	318,212	321,812	31,810	0.51

¹ Urban population refers to the population in the five Municipal Council Areas defined according to proclaimed boundaries, altered in 1963

(Proclamation No 12 and 13) and subsequently enlarged in 1965 (Proclamation No 23), 1967 (Proclamation No 2) and in 1990 (Proclamation No 8)

² Unadjusted " de jure " population

Table 6.3 - Evolution of the population by geographical district and sex between the 1990 and 2000 censuses

Geographical district	1990 census ¹			2000 census ¹			Intercensal increase	
	Both sexes	Male	Female	Both sexes	Male	Female	Number	Annual average (%)
Port Louis	133,073	66,179	66,894	127,855	63,458	64,397	-5,218	-0.40
Pamplemousses	101,666	51,212	50,454	122,252	60,533	61,719	20,586	1.86
Riviere du Rempart	86,779	43,362	43,417	98,854	49,116	49,738	12,075	1.31
Flacq	112,773	56,452	56,321	126,839	63,549	63,290	14,066	1.18
Grand Port	96,667	48,425	48,242	106,665	53,011	53,654	9,998	0.99
Savanne	60,841	30,444	30,397	66,356	32,787	33,569	5,515	0.87
Plaine Wilhems	321,713	160,252	161,461	358,182	175,852	182,330	36,469	1.08
Moka	65,176	32,378	32,798	75,479	37,275	38,204	10,303	1.48
Black River	43,768	21,972	21,796	60,587	30,475	30,112	16,819	3.31
Island of Mauritius	1,022,456	510,676	511,780	1,143,069	566,056	577,013	120,613	1.12

¹ "de jure" population; not adjusted for under enumeration of young children

Table 6.4 - Age distribution of the population¹ as enumerated at the 1990 and 2000 censuses

Age group (Years)	1990				2000			
	Male	Female	Both sexes		Male	Female	Both sexes	
			Number	%			Number	%
0	10,088	9,908	19,996	2.0	9,163	8,965	18,128	1.6
1 - 4	36,743	36,039	72,782	7.1	36,697	35,910	72,607	6.3
5 - 9	50,011	48,443	98,454	9.6	51,229	50,271	101,500	8.9
10 - 14	54,708	53,684	108,392	10.6	47,438	46,410	93,848	8.2
15 - 19	47,231	45,982	93,213	9.1	49,447	48,126	97,573	8.5
20 - 24	50,784	48,694	99,478	9.7	53,325	53,993	107,318	9.4
25 - 29	52,451	50,576	103,027	10.1	45,390	45,656	91,046	8.0
30 - 34	46,603	44,800	91,403	8.9	48,739	48,307	97,046	8.5
35 - 39	40,437	39,142	79,579	7.8	50,503	49,151	99,654	8.7
40 - 44	29,457	29,689	59,146	5.8	44,739	43,568	88,307	7.7
45 - 49	21,219	22,102	43,321	4.2	38,340	38,069	76,409	6.7
50 - 54	17,892	18,974	36,866	3.6	27,168	28,556	55,724	4.9
55 - 59	15,219	16,016	31,235	3.1	18,623	20,647	39,270	3.4
60 - 64	14,426	15,747	30,173	3.0	14,808	17,248	32,056	2.8
65 - 69	11,062	12,698	23,760	2.3	11,404	13,602	25,006	2.2
70 - 74	6,307	8,040	14,347	1.4	9,267	11,954	21,221	1.9
75 - 79	3,815	5,924	9,739	1.0	5,905	8,681	14,586	1.3
80 - 84	1,514	3,110	4,624	0.4	2,506	4,416	6,922	0.6
85 +	680	2,172	2,852	0.3	1,324	3,410	4,734	0.4
Age unknown	29	40	69	0.0	41	73	114	0.0
All ages	510,676	511,780	1,022,456	100.0	566,056	577,013	1,143,069	100.0

¹ 'de jure' population; not adjusted for under enumeration of young children

Table 6.5 - Population growth in intercensal periods , Republic of Mauritius ¹ 1851 - 2000

Census date	Republic of Mauritius			Island of Mauritius			Island of Rodrigues		
	Population enumerated at census	Density per km ²	Average annual rate of increase(%)	Population enumerated at census	Density per km ²	Average annual rate of increase(%)	Population enumerated at census	Density per km ²	Average annual rate of increase(%)
20th November 1851	181,318	92	...	180,823	97	2.55	495	5	...
8th April 1861	310,743	158	5.91	310,050	166	5.91	693	7	3.65
11th April 1871	317,150	161	0.20	316,042	169	0.19	1,108	11	4.80
4th April 1881	361,305	184	1.31	359,874	193	1.31	1,431	14	2.59
6th March 1891	372,656	189	0.31	370,588	199	0.29	2,068	20	3.75
1st April 1901	374,185	190	0.04	371,023	199	0.01	3,162	30	4.34
31st March 1911	373,620	190	-0.02	368,791	198	-0.06	4,829	46	4.33
21st May 1921	383,069	195	0.25	376,485	202	0.21	6,584	63	3.15
26th April 1931	401,440	204	0.47	393,238	211	0.44	8,202	79	2.22
11th June 1944	431,070	219	0.55	419,185	225	0.49	11,885	114	2.89
30th June 1952	514,748	261	2.24	501,415	269	2.26	13,333	128	1.45
30th June 1962 ²	699,954	356	3.12	681,619	366	3.12	18,335	176	3.24
30th June 1972 ²	850,968	432	1.97	826,199	443	1.94	24,769	238	3.05
2nd July 1983 ²	999,945	508	1.48	966,863	518	1.44	33,082	318	2.67
1st July 1990 ³	1,056,660	537	0.79	1,022,456	548	0.80	34,204	329	0.48
1st July 2000 ³	1,178,848	599	1.10	1,143,069	613	1.12	35,779	344	0.45

¹ excluding Agalega and St Brandon

² "de facto" population

³ "de jure" population

Table 6.6 - Growth of the resident population and vital statistics - Republic of Mauritius ¹, 1998 - 2007

Year	Population at beginning of year	Natural movement			Net international migration	Total increase	% change during the year due to:			Population at end of year
		Live births	Deaths	Natural increase			Natural increase	International migration	Total	
1998	1,155,344	19,434	7,839	11,595	-37	11,558	1.00	0.00	1.00	1,166,902
1999	1,166,902	20,311	7,944	12,367	+1,092	13,459	1.06	+0.09	1.15	1,180,361
2000	1,180,361	20,205	7,982	12,223	+591	12,814	1.04	+0.05	1.09	1,193,175
2001	1,193,175	19,696	7,983	11,713	+500	12,213	0.98	+0.04	1.02	1,205,388
2002	1,205,388	19,983	8,310	11,673	-569	11,104	0.97	-0.05	0.92	1,216,492
2003	1,216,492	19,343	8,520	10,823	+524	11,347	0.89	+0.04	0.93	1,227,839
2004	1,227,839	19,230	8,475	10,755	-822	9,933	0.88	-0.07	0.81	1,237,772
2005	1,237,772	18,820	8,646	10,174	+350	10,524	0.82	+0.03	0.85	1,248,296
2006	1,248,296	17,604	9,162	8,442	-300	8,142	0.68	-0.02	0.66	1,256,438
2007	1,256,438	17,034	8,498	8,536	-400	8,136	0.68	-0.03	0.65	1,264,574

¹ Excl. Saint Brandon and Agalega

Table 6.7 - Life Expectancy at birth, 1998 - 2007

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007 ¹
Male	66.8	67.4	68.1	68.4	68.6	68.7	68.7	68.9	69.1	69.1
Female	74.4	74.6	75.3	75.3	75.3	75.4	75.5	75.7	75.9	75.8

¹ Provisional

Table 6.8 - Infant mortality¹ rate by geographical district, 1998 - 2007

Geographical district	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Port Louis	23.4	20.4	18.6	16.0	13.8	9.7	17.9	18.8	13.9	20.2
Pamplemousses	18.9	17.0	15.3	13.8	11.9	12.7	16.4	16.6	21.3	11.6
Riviere du Rempart	20.7	14.3	14.1	12.0	19.1	8.7	17.8	12.7	15.2	17.1
Flacq	13.4	16.5	13.9	14.4	12.5	9.5	12.5	11.1	11.2	20.5
Grand Port	30.9	27.2	18.3	16.8	20.9	17.2	17.0	13.2	15.7	11.2
Savanne	12.3	28.4	20.9	7.3	17.6	13.2	17.6	13.8	7.2	11.4
Plaines Wilhems	16.4	17.8	13.8	13.1	11.8	13.9	9.8	10.7	11.0	16.4
Moka	23.5	16.8	14.7	14.2	13.4	12.0	14.9	17.7	12.7	13.9
Black River	21.6	19.9	18.5	17.3	18.4	14.5	8.5	8.1	13.7	7.5
Island of Mauritius	19.4	19.2	15.8	13.9	14.5	12.4	14.0	13.2	13.5	15.3

¹ The number of infant deaths in a year per 1000 live births during the year

Table 6.9 - Total number of buildings, residential and partly residential buildings, housing units , households and population, 1990 and 2000 Censuses

	Housing Census		Increase 1990 - 2000	
	1990	2000	No.	%
All buildings	200,626	257,521	56,895	28.4
Residential/Partly residential buildings	177,711	229,779	52,068	29.3
Total housing units	216,011	288,344	72,333	33.5
Occupied housing units	208,163	268,917	60,754	29.2
Private households	236,110	287,701	51,591	21.9
Population	1,054,902	1,129,801	74,899	7.1

Table 6.10 - Distribution of buildings by type, 1990 and 2000 censuses

Building type	Housing Census		Increase 1990 - 2000	
	1990	2000	No.	%
Under construction	8,929	11,460	2,531	28
Wholly residential	172,780	219,797	47,017	27
Partly residential	6,666	11,114	4,448	67
Hotels and Institutions	288	497	209	73
Non - residential	9,938	11,926	1,988	20
Other	2,025	2,727	702	35
All buildings	200,626	257,521	56,895	28

Table 6.11 - Residential and partly residential buildings by type of construction materials, 1990 and 2000 Housing Censuses

Type of walls and roof materials	Housing census				Change 1990-2000	
	1990		2000		No.	%
	No.	%	No.	%		
Concrete walls and roof	127,701	71.9	199,898	87.0	72,197	56.5
Concrete walls & iron/tin roof	13,067	7.4	9,206	4.0	-3,861	-29.5
Iron/tin walls and roof	30,075	16.9	16,815	7.3	-13,260	-44.1
Wood walls & iron/tin/shingle roof	4,236	2.4	2,140	0.9	-2,096	-49.5
Other	2,632	1.5	1,720	0.7	-912	-34.7
Total	177,711	100.0	229,779	100.0	52,068	29.3

Table 6.12 - Distribution of housing units by occupancy status and type of vacancy, 1990 and 2000 Housing Censuses

Type of occupancy or vacancy	Housing units			
	1990		2000	
	No.	%	No.	%
Housing units occupied as :				
Principal residence	208,983	96.7	269,622	93.5
Secondary residence	1,725	0.8	3,901	1.4
Total occupied	210,708	97.5	273,523	94.9
Vacant housing units : For rent	2,093	1.0	5,990	2.1
For sale	205	0.1	2,548	0.9
Provided by employer	846	0.4	602	0.2
Under repairs	659	0.3	1,077	0.4
Other	1500	0.7	4,604	1.6
Total vacant	5,303	2.5	14,821	5.1
All housing units	216,011	100.0	288,344	100.0

Table 6.13 - Main energy indicators, Republic of Mauritius, 1998 - 2007

Details	Unit	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total primary energy requirement	ktoe	1007.7	999.5	1113.1	1182.0	1157.3	1222.8	1255.8	1293.2	1374.9	1379.1
<i>Imported</i>	ktoe	707.2	778.9	849.0	901.2	898.8	956.3	980.1	1030.5	1120.3	1133.3
<i>Local</i>	ktoe	300.5	220.6	264.1	280.9	258.6	266.5	275.7	262.6	254.6	245.8
Total primary energy requirement index (1990 = 100)		136.9	134.5	150.9	159.7	158.4	167.3	171.8	177.0	188.1	188.7
Annual increase	%	+6.8	-0.8	+11.4	+6.2	-2.10	+5.7	+2.7	+3.0	+6.3	+4.0
Import dependency	%	70.2	77.9	76.3	76.2	77.7	78.2	78.0	79.7	81.5	82.2
Energy intensity	toe per Rs.100,000 GDP	1.69	1.63	1.67	1.69	1.62	1.65	1.59	1.62	1.66	1.58
Per capita primary energy requirement	toe	0.87	0.85	0.94	0.99	0.96	1.00	1.02	1.04	1.10	1.09
Per capita final energy consumption	toe	0.63	0.59	0.63	0.65	0.63	0.67	0.68	0.68	0.70	0.68
Per capita consumption of electricity sold	KWh	1,026	1,059	1,158	1,222	1,248	1,330	1,382	1,429	1,501	1,567

Table 6.14 - Primary energy requirement, (Energy unit), Republic of Mauritius, 1998 - 2007

Thousand tonne of oil equivalent (ktoe)

Energy source	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Imported										
Gasolene	95.7	96.7	99.4	94.8	94.5	96.4	97.6	100.1	96.2	106.7
Diesel oil	156.7	166.6	191.3	190.6	198.7	210.9	216.0	214.2	228.9	206.6
Dual purpose kerosene	154.6	154.1	136.0	143.4	127.7	147.4	168.8	171.7	153.0	146.0
Kerosene	61.5	53.1	23.6	13.8	14.4	18.9	26.3	28.6	6.0	2.4
Aviation fuel	93.1	101.0	112.4	129.6	113.3	128.6	142.5	143.1	147.0	143.6
Fuel oil	212.7	230.0	215.5	236.1	231.4	249.7	259.1	253.3	272.5	250.2
LPG	43.7	46.9	50.0	50.8	52.5	55.8	59.2	65.7	68.0	68.8
Coal	43.9	84.7	156.9	185.5	193.9	196.0	179.4	225.6	300.4	355.0
Sub- total (Imported)	707.3	779.0	849.1	901.2	898.7	956.2	980.1	1,030.6	1,119.6	1,133.3
Local										
Hydro\Wind	9.0	2.6	8.2	6.1	7.4	10.1	10.6	9.9	6.6	7.2
Bagasse ¹	282.7	210.3	248.5	267.4	243.9	249.1	257.8	245.1	240.0	230.5
Fuel wood ¹	8.8	7.7	7.3	7.3	7.3	7.3	7.3	7.6	8.0	8.0
Sub- total (Imported)	300.5	220.6	264.0	280.8	258.6	266.5	275.7	262.6	254.6	245.7
Total	1,007.8	999.6	1,113.1	1,182.0	1,157.3	1,222.7	1,255.8	1,293.2	1,374.2	1,379.0

¹ estimates

Table 6.15 - Imports of energy sources (Energy unit), Republic of Mauritius, 1998 - 2007

Thousand tonne of oil equivalent (ktoe)

Energy source	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Gasolene	93.8	100.2	97.0	93.7	86.7	93.8	94.7	93.7	96.0	104.1
Diesel oil	285.6	298.5	343.1	341.4	349.9	312.3	322.9	333.2	330.8	310.6
Dual purpose kerosene	214.7	241.2	226.1	222.7	234.5	236.8	267.1	257.9	251.7	277.0
<i>Kerosene</i>	56.3	45.9	28.4	12.5	14.9	21.0	31.0	29.0	6.3	3.9
<i>Aviation fuel</i>	158.4	195.2	197.6	210.3	219.6	215.8	236.1	228.9	245.4	273.1
Fuel oil	263.2	236.4	210.0	264.1	200.2	276.5	277.3	324.0	292.2	320.6
LPG	48.2	47.1	51.1	47.4	60.4	55.6	58.1	67.7	63.5	67.8
Coal	53.5	79.9	137.9	215.4	193.5	179.4	205.7	235.1	304.0	401.6
Total	958.9	1,003.2	1,065.2	1,184.8	1,125.2	1,154.4	1,225.8	1,311.6	1,338.2	1,481.7

**Fig. 20 - Imports of energy sources, Republic of Mauritius,
1998 - 2007**

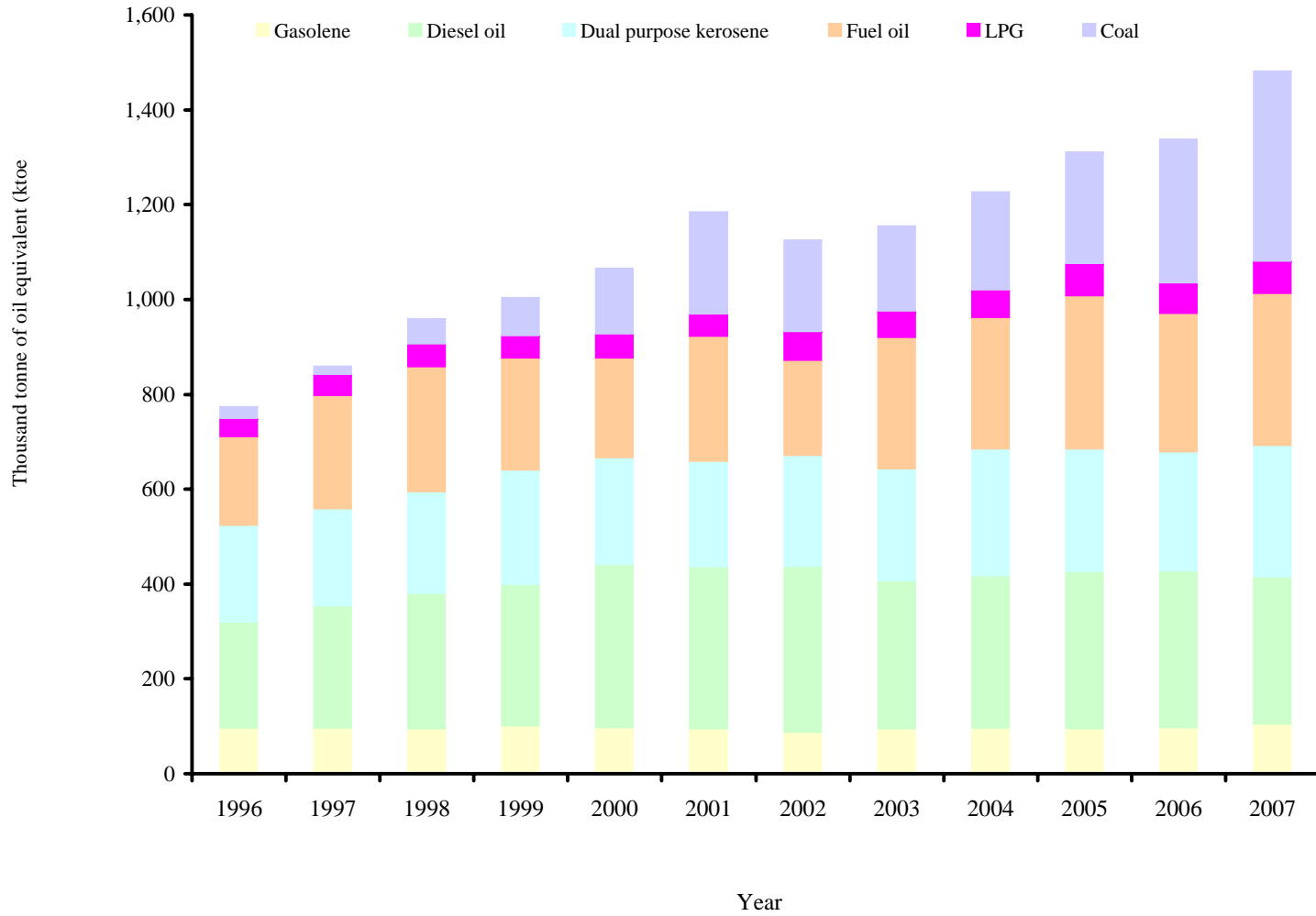


Table 6.16 - Fuel input for electricity production, (Energy unit), Republic of Mauritius, 1998 - 2007

Thousand tonne of oil equivalent (ktoe)

Fuel	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<u>Island of Mauritius</u>										
Fuel oil	169.0	183.1	164.5	173.8	167.9	192.1	206.7	208.4	211.2	187.3
Diesel oil	2.6	3.1	2.9	2.6	2.8	2.4	2.4	2.1	2.3	2.7
Kerosene	51.7	43.6	13.6	3.9	5.7	10.3	17.2	18.4	1.9	1.1
Coal	27.9	69.5	141.7	169.5	177.9	178.0	164.4	211.2	286.9	342.6
Bagasse ¹	122.6	114.2	163.4	182.8	173.1	167.5	174.9	168.9	165.9	166.4
<u>Island of Rodrigues</u>										
Fuel oil ²	2.6	3.6	4.0	4.2	4.5	4.2	4.6	6.6	6.3	6.5
Diesel oil ²	1.2	0.4	0.6	0.6	0.7	1.5	1.6	0.2	0.3	0.1
Total	377.6	417.6	490.6	537.3	532.5	556.0	571.8	615.8	674.8	706.7

¹ Estimates

² Figures for 1996 - 1997 are estimates

Table 6.17 - Final energy consumption by sector and type of fuel (Physical unit), Republic of Mauritius, 1998 - 2007

Sector	Unit	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Manufacturing											
Fuel oil	tonne	42,774	45,150	49,000	60,630	61,439	55,615	49,857	46,763	58,098	60,567
Diesel oil	tonne	30,233	32,650	41,600	37,533	37,409	41,273	43,372	41,127	49,767	48,336
LPG	tonne	3,276	3,600	3,689	3,650	3,502	2,964	2,756	3,904	3,965	4,068
Coal	tonne	25,713	24,490	24,464	25,781	25,888	29,000	24,220	23,162	21,666	19,964
Fuel wood ¹	tonne	2,000	1,800	1,500	1,500	1,450	1,430	1,415	1,400	1,425	1,425
Electricity	GWh	551.3	558.8	651.6	711.4	711.7	742.2	769.0	777.4	841.2	879.6
Bagasse ¹	tonne	1,000,600	600,400	531,800	529,000	442,722	510,246	518,379	476,198	463,563	400,646
Transport											
Gasolene	tonne	88,592	89,500	92,000	87,749	87,507	89,242	90,350	92,673	89,117	98,940
LPG	tonne	264	485	633	820	1,216	2,223	2,691	6,726	6,887	6,633
Diesel oil	tonne	118,934	126,500	142,000	145,555	153,437	161,267	164,120	166,510	173,689	151,779
Aviation fuel (local aircraft)	tonne	89,537	97,126	108,082	124,652	108,972	123,627	137,002	137,560	141,053	138,104
Household											
Kerosene	tonne	9,472	9,100	9,600	9,480	8,409	8,265	8,726	9,765	3,923	1,238
LPG	tonne	32,837	34,700	37,710	37,850	39,023	40,559	42,856	43,206	41,599	42,088
Fuel wood ¹	tonne	19,000	16,400	16,000	15,900	15,850	15,780	15,940	16,540	17,473	17,497
Charcoal ¹	tonne	250	200	150	150	130	125	120	130	123	126
Electricity	GWh	431.2	449.6	491.9	522.8	532.6	564.6	575.0	607.6	617.9	643.0
Commercial and Distributive Trade											
LPG	tonne	4,000	4,500	4,150	4,450	4,559	5,749	6,372	6,985	11,436	10,927
Charcoal ¹	tonne	300	300	300	330	340	350	360	380	393	407
Electricity	GWh	322.3	337.4	374.8	415.5	424.9	479.3	516.0	556.3	582.0	618.0
Agriculture											
Diesel oil ¹	tonne	2,200	2,300	2,400	2,460	2,430	2,410	2,375	2,345	2,289	2,456
Electricity	GWh	25.3	22.5	27.2	26.8	27.5	27.0	23.8	27.1	28.7	28.2

¹ Estimates

Table 6.18 - Final energy consumption by sector (Energy unit), Republic of Mauritius, 1998 - 2007

Sector	Thousand tonne of oil equivalent (ktoe)									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Manufacturing	299.3	240.2	249.9	262.4	249.2	262.3	259.3	248.6	270.8	264.0
Transport	309.2	326.0	355.9	372.3	364.1	390.2	408.7	418.6	425.8	410.9
Household	89.8	92.0	99.2	101.8	102.8	107.0	111.0	115.5	108.9	108.8
Commercial and Distributive Trade	32.3	34.1	36.9	40.8	41.7	47.7	51.5	55.7	62.7	65.2
Agriculture	4.4	4.3	4.8	4.8	4.8	4.8	4.4	4.7	4.8	4.9
Other (n.e.s) and losses	1.6	1.8	2.3	2.3	2.4	2.9	3.2	5.0	3.3	3.6
TOTAL	736.6	698.3	749.0	784.4	765.1	814.9	838.1	848.0	876.3	857.5

Table 6.19 - Percentage share of final energy consumption by sector, Republic of Mauritius, 1998 - 2007

Sector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Manufacturing	40.6	34.4	33.4	33.5	32.6	32.2	30.9	29.3	30.9	30.8
Transport	42.0	46.7	47.5	47.5	47.6	47.9	48.8	49.5	48.6	47.9
Household	12.2	13.2	13.2	13.0	13.4	13.2	13.2	13.6	12.4	12.7
Commercial and Distributive trade	4.4	4.9	4.9	5.2	5.5	5.9	6.1	6.6	7.2	7.6
Agriculture	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.6
Other (n.e.s) and losses	0.2	0.3	0.3	0.3	0.3	0.4	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

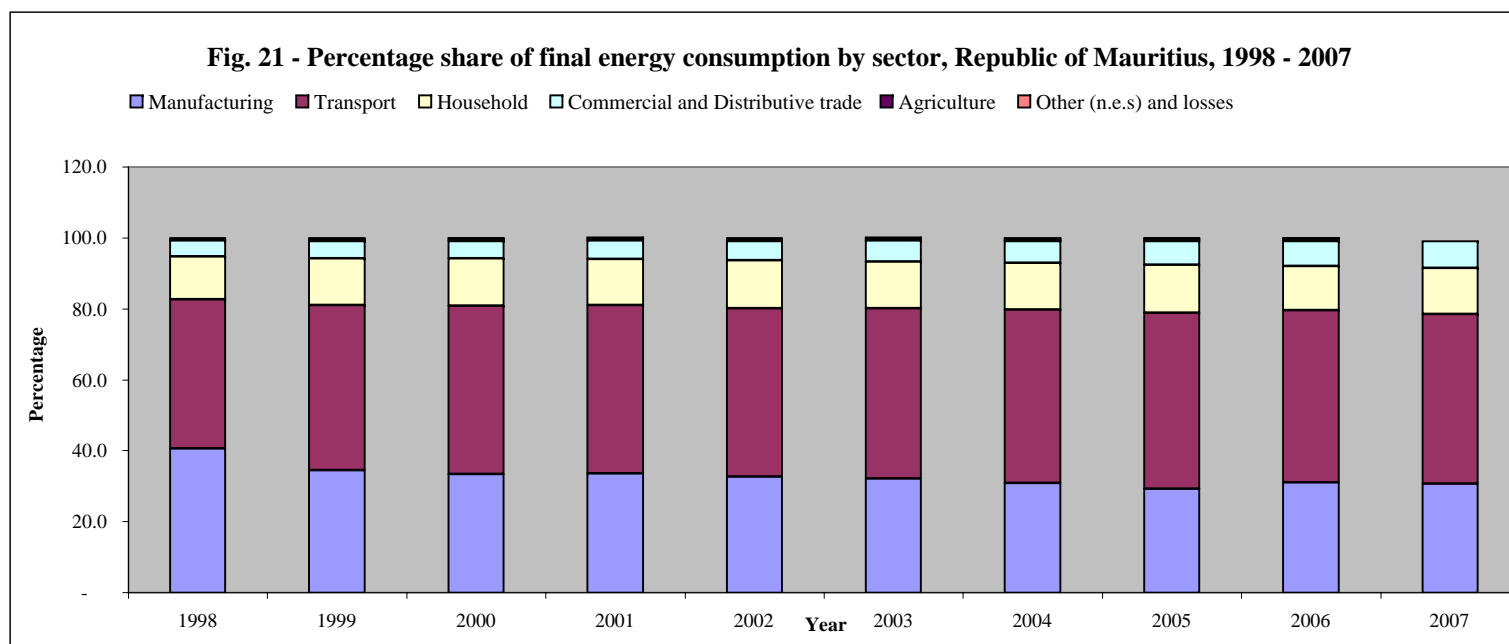


Table 6.20 - Vehicles ¹ registered by type, 1998 - 2007

Type of vehicle	Number									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Car	51,051	52,892	54,911	58,082	63,307	68,524	77,342	84,818	91,911	99,770
(of which taxi car)	(4,761)	(4,905)	(5,039)	(5,318)	(5,801)	(5,979)	(6,482)	(6,798)	(6,860)	(6,885)
Dual purpose vehicle	29,527	32,262	34,912	36,984	38,129	39,383	40,667	42,026	43,221	44,635
Heavy motor car	945	934	916	923	944	958	1,020	1,045	1,118	1,223
Motor cycle	23,577	24,125	24,523	25,104	25,723	26,744	28,646	30,927	33,936	36,969
Auto cycle	85,566	88,821	91,955	94,849	97,078	98,858	100,854	102,503	104,238	105,637
Lorry and truck	9,750	10,138	10,485	10,888	11,236	11,501	11,774	12,047	12,272	12,536
Van	14,508	16,814	18,807	20,694	21,750	22,496	23,326	23,989	24,522	24,934
Bus	2,367	2,344	2,394	2,408	2,450	2,460	2,457	2,560	2,612	2,753
Tractor and dumper	2,627	2,630	2,645	2,683	2,683	2,877	2,935	2,982	3,001	3,025
Prime mover	297	315	322	335	349	369	388	412	436	452
Trailer	1,703	1,719	1,726	1,776	1,770	1,772	1,771	1,765	1,756	1,795
Road roller	105	102	100	100	101	100	99	96	96	96
Other	321	319	322	323	321	329	326	326	321	320
Total	222,344	233,415	244,018	255,149	265,841	276,371	291,605	305,496	319,440	334,145

¹ Excluding pedal cycles , but including government vehicles

Fig. 22 - Vehicles registered by type, 1998 - 2007

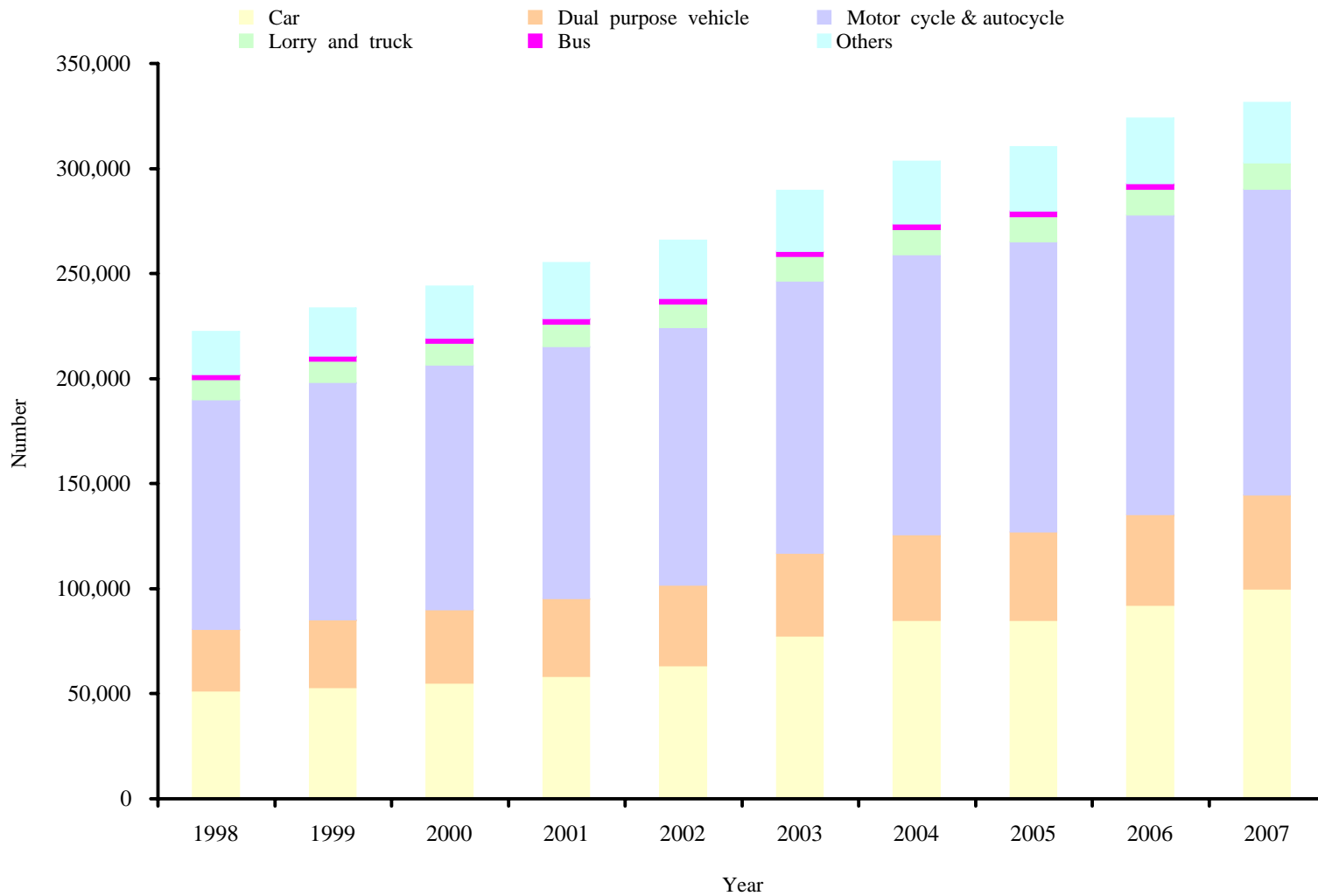


Table 6.21 - Road traffic accidents ¹ and casualties , 1998 - 2007

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
1. Road traffic accidents:										
Number	18,055	17,877	18,278	18,517	18,022	19,178	19,495	22,554	20,242	20,519
Rate per 100,000 Population	1,605	1,569	1,588	1,591	1,535	1,616	1,629	1,869	1,665	1,678
Rate per 1,000 registered motor vehicles	84	79	77	75	69	72	69	76	65	63
2. Motor vehicles involved :										
Number	32,568	32,547	33,537	33,988	33,119	35,239	35,506	43,741	40,023	41,178
Rate per 1,000 registered motor vehicles	152	144	142	137	127	133	126	148	129	127
3. Casualties :										
Total number of casualties	3,828	3,405	3,291	3,264	2,904	2,698	2,951	2,760	2,522	3,055
Fatal ²	162	170	163	126	158	131	144	136	134	140
Seriously injured	281	237	266	288	216	291	245	358	348	500
Slightly injured	3,385	2,998	2,862	2,850	2,530	2,276	2,562	2,266	2,040	2,415
4. Fatality :										
Rate per 100,000 population	14.4	14.9	14.2	10.8	13.5	11.0	12.0	11.3	11.0	11.4
Rate per 1,000 registered motor vehicle	0.8	0.8	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4
Fatality Index ³	4.2	5.0	5.0	3.9	5.4	4.8	4.9	4.9	5.3	4.6

¹ Exclude number of accidents involving bicycles only or bicycle and pedestrian

² Prior to 2002, a fatal accident was defined as an accident where deaths occurred within 7 days. As from 2002, a fatal accident is defined as an accident where deaths occurred within 30 days

³ Fatality index is the number of fatalities per 100 casualties

Fig. 23 - Road traffic accidents and casualties rate, 1998 - 2007

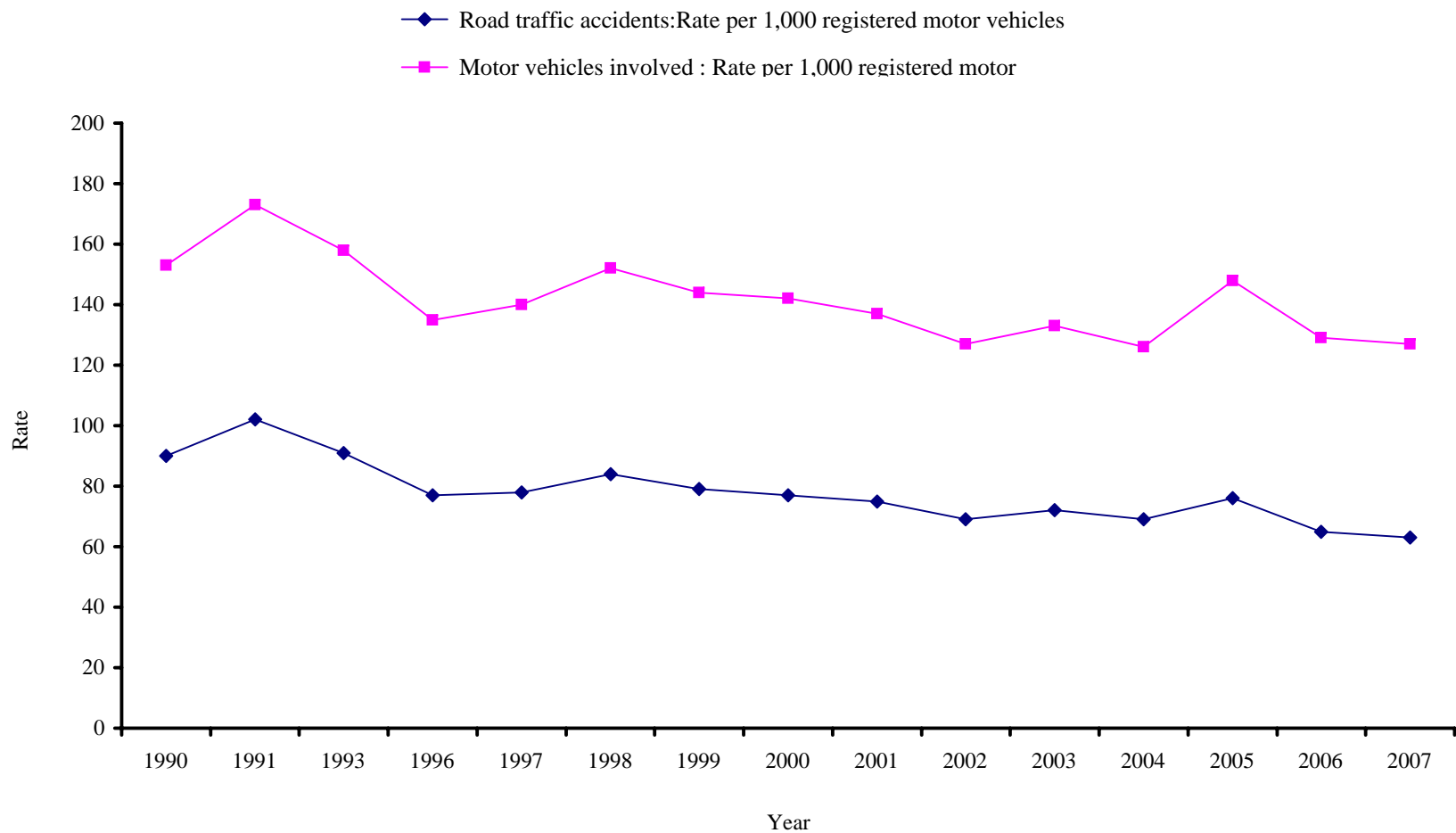


Table 6.22 - Imports of motor spirit and gas oil by country of origin, 2003 - 2007

(C.I.F. Value Rs ' 000)

Item	Country of origin	Unit	2003		2004		2005		2006		2007 ¹	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Motor spirit (Gasoline)	Bahrain	000 Litres	52,434	439,731	81,041	686,478	48,820	526,795	18,108	301,504	-	-
	Saudi Arabia	"	28,205	258,132	10,204	89,363	6,318	104,960	6,260	82,715	-	-
	South Africa Rep.	"	-	-	8,076	48,099	-	-	-	-	-	-
	Singapore	"	-	-	-	-	5,995	94,674	-	-	-	-
	United Arab Emirates	"	6,163	50,647	17,771	179,819	46,631	618,343	29,924	469,447	-	-
	Tanzania	"	-	-	2,610	26,860	-	-	-	-	-	-
	India	"	-	-	-	-	7,408	82,960	63,785	1,023,653	125,919	2,180,054
	Reunion	"	-	-	-	-	2,733	25,040	-	-	-	-
			86,802	748,510	119,702	1,030,619	107,764	1,344,772	118,077	1,877,319	125,919	2,180,054
Gas oil (Diesel)	Bahrain	000 Litres	160,788	1,148,753	166,152	1,388,045	146,279	1,819,045	16,890	225,438	-	-
	Saudi Arabia	"	96,136	662,637	112,276	798,739	177,637	2,138,530	130,303	2,103,149	-	-
	South Africa Rep.	"	13,479	96,965	-	-	6,978	68,275	-	-	-	-
	Singapore	"	-	-	-	-	18,325	265,007	-	-	-	-
	United Arab Emirates	"	6,884	46,240	30,972	296,146	-	-	20,380	300,066	-	-
	India	"	22,848	196,298	41,848	430,416	44,837	542,554	226,030	3,722,367	369,513	6,442,993
	Yemen	"	9,080	56,027	-	-	-	-	-	-	-	-
	Kuwait	"	-	-	26,282	188,187	-	-	-	-	-	-
			309,215	2,206,920	377,530	3,101,533	394,056	4,833,411	393,603	6,351,020	369,513	6,442,993

¹ Provisional

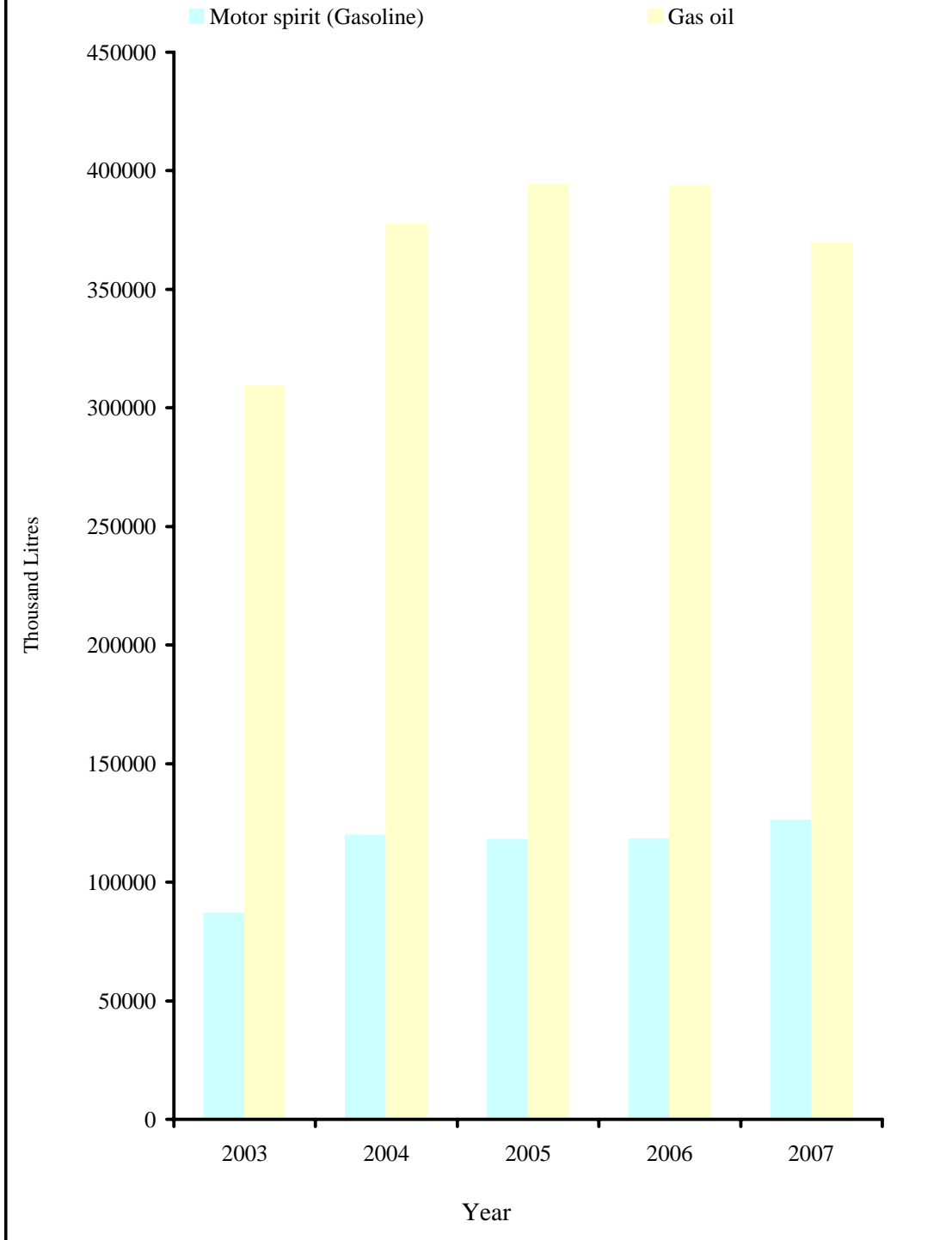
Fig. 24 - Imports of motor spirit and gas oil, 2003 - 2007

Table 6.23 - Imports of lubricating oils and greases by country of origin, 2003 - 2007

Item	Country of origin	2003		2004		2005		2006		2007 ¹		
		Quantity (M/ton)	Value (Rs '000)	Quantity (M/ton)	Value (Rs '000)	Quantity (M/ton)	Value (Rs '000)	Quantity (M/ton)	Value (Rs '000)	Quantity (M/ton)	Value (Rs '000)	
Lubricating oil containing not less than 70% by weight of petroleum products	France	371	14,691	338	16,261	287	13,719	181	12,102	144	13,038	
	Japan	2	232	-	-	-	-	5	525	14	1,062	
	Singapore	4,536	101,014	4,547	113,146	4,017	121,955	1,277	52,668	2,192	106,746	
	South Africa Rep.	2,622	64,405	2,578	64,793	2,460	83,023	5,593	247,215	3,443	167,982	
	Thailand	87	2,138	175	4,649	63	2,340	17	972	30	1,637	
	United Kingdom	17	1,167	36	2,651	59	4,527	45	4,323	64	5,640	
	United States	126	10,861	75	8,261	70	9,868	59	11,072	81	15,695	
	Other countries	258	6,531	940	24,150	1,338	40,183	1,129	43,090	1,254	60,353	
			8,019	201,039	8,689	233,911	8,294	275,615	8,306	371,967	7,222	372,153
	Lubricating greases containing not less than 70% by weight of petroleum products	France	5	414	5	437	7	456	-	48	1	146
Singapore		4	209	38	1,297	11	682	-	11	8	506	
South Africa Rep.		139	3,970	117	4,149	113	5,968	125	8,202	71	5,659	
Thailand		88	1,163	16	504	5	194	-	-	-	-	
Other countries		6	757	17	986	14	998	27	2,114	37	2,497	
			242	6,513	193	7,373	150	8,298	152	10,375	117	8,808

¹ Provisional

Table 6.24 - Air transport, 1998 - 2007

Year	Number of movements ¹		Freight ²	
	Landings	Take - offs	Unloaded (Tonnes)	Loaded (Tonnes)
1998	7,320	7,314	17,516	19,559
1999	7,612	7,592	20,290	20,695
2000	8,349	8,332	20,113	21,156
2001	8,765	8,753	18,107	20,754
2002	9,172	9,170	19,114	25,662
2003	9,455	9,454	20,029	24,338
2004	9,316	9,315	22,381	26,049
2005	9,705	9,820	23,920	25,185
2006	9,211	9,232	21,218	24,389
2007	8,543	8,418	22,663	24,894

¹ As from 2005, excludes ferry flights (empty flights)

² Provisional

Table 6.25 - Tourist¹ arrivals by mode of transport and tourist nights spent during period, 1998 - 2007

Period	Tourist arrivals during period			Tourist nights spent during period ²	% change over previous year	
	Sea	Air	Total		Tourist arrivals	Tourist nights
1998	17,109	541,086	558,195	5,567,889	+ 4.1	+ 2.1
1999	13,852	564,233	578,085	5,729,464	+ 3.6	+ 2.9
2000	10,677	645,776	656,453	6,412,876	+ 13.6	+ 11.9
2001	10,532	649,786	660,318	6,527,800	+ 0.6	+ 1.8
2002	14,180	667,468	681,648	6,768,870	+ 3.2	+ 3.7
2003	12,155	689,863	702,018	6,952,313	+ 3.0	+ 2.7
2004	11,390	707,471	718,861	7,118,603	+ 2.4	+ 2.4
2005	13,321	747,742	761,063	7,498,251	+ 5.9	+ 5.3
2006	13,249	775,027	788,276	7,760,679	+ 3.5	+ 3.5
2007	12,163	894,808	906,971	8,986,934	+ 15.1	+ 15.8

¹ A tourist is defined as a non - resident staying in the island for more than 24 hours but less than a year

² Including nights spent during reference period by tourist arriving prior to the period.

Table 6.26 - Percentage distribution of tourists interviewed by rating of the state of the environment at various sites, Survey of outgoing tourists 2000 & 2002

Site	Number of Parties		Very Poor		Poor		Satisfactory		Good		Excellent	
	2000	2002	2000	2002	2000	2002	2000	2002	2000	2002	2000	2002
Beaches	13,166	15,760	0.8	0.5	4.4	4.2	15.6	13.0	57.9	59.8	21.3	22.6
Public places	13,019	15,710	2.0	1.2	16.4	13.0	31.7	26.0	41.6	47.5	8.4	12.3
Tourist Sites	11,708	14,937	0.5	0.3	3.5	3.4	19.4	18.5	61.9	61.3	14.6	16.5
Country in general	13,476	15,906	2.1	0.5	12.2	5.4	28.9	24.2	46	56.4	10.8	13.5

Table 6.26 Con't - Percentage distribution of tourists interviewed by rating of the state of the environment at various sites, Survey of outgoing tourists 2004 & 2006

Site	Number of Parties		Very Poor		Poor		Satisfactory		Good		Excellent	
	2004	2006	2004	2006	2004	2006	2004	2006	2004	2006	2004	2006
Beaches	16,151	15,648	0.7	0.7	4.1	4.6	11.7	12.5	63.6	56.9	20.0	25.3
Public places	16,189	15,399	1.3	1.2	13.3	10.7	25.5	23.2	50.0	53.0	9.8	11.9
Tourist Sites	15,396	14,669	0.4	0.4	4.7	3.2	18.1	15.8	63.7	63.1	13.0	17.5
Country in general	16,400	15,996	0.6	0.6	6.0	5.2	22.3	20.4	60.0	59.3	11.1	14.5

Table 6.27 - Broadcasting services (end of period), Republic of Mauritius, 1998 - 2007

	Unit	1998	1999	2000	2001	2002	2003 ¹	2004 ¹	2005 ¹	2006	2007
A. Sound											
Channels	Number	7	7	8	8	8	8	8	8	8	8
Transmitters	"	20	22	24	18	21	36	36	36	36	42
Aerial output:											
Medium wave	kW	10 / 1	10 / 2	10 / 2	10 / 2	10 / 2	10 / 2	10 / 2	10 / 2	10 / 2	10 / 2
F.M.	kW	1 / 0.3	1 / 0.5	1 / 0.5	1 / 0.5	1 / 0.5	4 / 2	4 / 2	4 / 2	4 / 2	4 / 2
Weekly transmission time	Hour	1,176	1,176	1,344	1,344	1,344	1,848	1,848	1,848	1,848	2,016
Private operators	Number	-	-	2	2	3	3	3	3	3	2
B. Television											
Channels	Number	6	4	4	4	4	4	10	10	10	15
Transmitters	"	57	53	59	78	78	86	89	129	140	160
Aerial output (ERP)	kW	0.4 - 30	0.4 - 30	0.4 - 30	0.4 - 30	0.4 - 30	0.4 - 30	0.1 - 30	0.1 - 30	0.01 - 30	0.01 - 30
Weekly transmission time	Hour	800	500	500	672	672	1,008	2,016	2,016	2,016	2,520
Television sets licensed											
Isl. of Mauritius	Number	214,574	216,691	219,282	230,676	236,551	253,126	254,000	268,875	269,166	280,675
Isl. of Rodrigues	"	4,104	4,356	4,575	4,760	4,934	6,286	6,300	6,880	8,228	9,255
Private operators	"	...	3	3	3	3	2	2	2	2	2

¹ Revised

² Includes 6 digital

Table 6.28 - Telephone services (end of period), 1998 - 2007

	Unit	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total line capacity of local exchanges	Number	267,788	268,210	299,034	315,000	335,000	351,146	368,481	396,797	446,797	531,550
Main telephone lines in operation	"	243,630	257,099	284,604	306,773	325,774	348,202	353,808	357,490	357,340	361,319
Cellular mobile telephone subscribers	"	61,000	80,000	126,600	278,500	366,438	466,327	547,831	656,828	772,395	928,622
National telephone traffic (calls) ¹	000	579,000	636,000	506,630	511,573	539,243	543,041	534,531	543,284	537,137	513,377
International outgoing telephone traffic:											
(a) calls	000	8,259	9,676	10,727	11,179	12,627	13,406	14,831	19,046	19,701	21,386
(b) duration	"000 minutes	27,626	31,474	34,641	35,535	36,516	43,416	45,539	58,450	59,741	71,412

Source: Information & Communication Technologies Authority (ICTA)

Table 6.29 - Health related statistics, 2001 - 2007

Year	2001	2002	2003	2004	2005	2006	2007
No of doctors (public sector) ¹	694	703	765	775	777	856	844
No of doctors (public and private sectors) ¹	1,107	1,186	1,173	1,303	1,342	1,400	1,444
No of nurses and midwives (public and private sector) ¹	2,883	2,970	2,958	2,937	2,902	3,087	3,300
No of beds (public and private sectors)	4,297	4,350	4,038	4,073	4,067	4,123	4,080
No of children immunised against Tuberculosis ²	16,611	16,658	17,021	16,424	16,147	14,700	14,272
No of children immunised against diphtheria, pertussis, tetanus,Hib and Hepatitis B	17,381	16,895	17,036	16,161	15,670	14,756	13,970
No of children immunised against Polio 3 rd dose ²	17,441	16,937	17,077	16,246	15,747	14,780	13,976
No of children immunised against Measles/Mumps/Rubella (MMR) ²	16,846	16,190	17,309	16,184	15,750	15,176	14,400
No of cases of (Imported) Malaria reported	62	38	40	45	35	38	42
No of cases of (Introduced) Malaria reported	3	1	-	3	1	-	-

Source:Statistics Unit , Ministry of Health and Quality of Life

¹ Republic of Mauritius

² Public sector only

Table 6.30 - Percentage distribution of private households by amenities available, Republic of Mauritius, 1990 and 2000 Housing Censuses

Amenity available	Housing census	
	1990 (%)	2000 (%)
1. Electricity	96.8	99.0
2. Water supply :		
Piped water inside house	56.0	83.7
Piped water outside on premisses	33.5	14.5
Public fountain,well, river, etc.	10.5	1.8
3. Availability of water tank/reservoir	...	36.4
4. Bathroom	94.5	99.0
With running water	63.6	89.0
Without running water	30.9	10.0
None	5.5	1.0
5. Toilet	100.0	100.0
Flush toilet	62.8	88.8
Pit latrine	36.5	11.0
Other	0.7	0.2
6. Kitchen	97.6	99.2
Inside housing unit	64.9	87.8
Outside housing unit	32.7	11.4
None	2.4	0.8
7. Fuel for cooking :		
Gas	50.3	91.5
Wood and charcoal	26.3	4.5
Kerosene	21.7	3.4
Electricity	1.5	0.5
Other and not stated	0.2	0.1

Table 6.31 - Percentage distribution of private households by method of refuse disposal, 1990 and 2000 Censuses

Method of refuse disposal	Housing census	
	1990 (%)	2000 (%)
Receptacle with cover	31.1	...
Receptacle without cover	10.5	...
Enclosure made of bricks/stones	7.0	...
Regular collection	-	88.7
Irregular collection	-	4.9
Dumped on premises	15.9	1.3
Dumped on roadside	13.8	0.9
Ash pit	20.6	3.8
Other	1.1	0.4
Total	100.0	100.0

Table 6.32 - Private households by principal fuel used for heating water for bathing, 2000 Housing and Population Census

Fuel type	Urban	Rural	Total
Electricity	50,827	23,567	74,394
Gas	46,751	69,557	116,308
Solar	5,767	5,687	11,454
Other	4,788	18,446	23,234
None ¹	22,780	40,995	63,775
Not stated	5	-	5

¹ Includes households who do not regularly use hot water for bathing

Table 6.33 - No. of complaints received at the Pollution Prevention and Control Division of the Department of Environment by category, 1998 - 2007

Category	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007 ¹
Noise	150	121	555	821	458	583	444	342	178	135
Solid waste	85	57	586	758	88	88	177	201	137	88
Air pollution	47	32	71	188	229	209	129	154	61	62
Waste water	60	32	150	210	286	155	180	289	92	76
Odour	64	56	251	417	406	344	328	272	121	88
Other ²	86	93	293	657	189	389	447	215	224	119
Total	492	391	1,906	3,051	1,656	1,768	1,705	1,473	813	568

Source : Ministry of Environment and National Development Unit

¹ provisional

Fig. 25 - No. of complaints received at the Pollution Prevention and Control Division of the Department of Environment by category, 2007

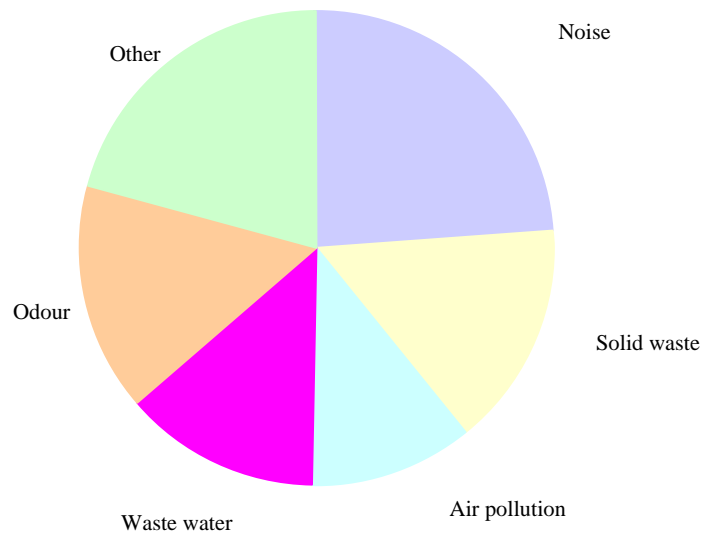


Table 6.34 - Contraventions and notices established by Police De L'Environnement, 2005 - 2007

Type of contravention	2005	2006	2007
Illegal Littering	3,624	9,427	8,119
Illegal Dumping	14	32	16
Noise	30	0	12
Smoking in prohibited area	38	63	75
Waste carriers offences	18	21	0
Setting fire within 50 metres from building/plantation	4	3	0
Obstruction	10	1	0
Road Traffic Offences	193	372	133
Trading without licence	56	47	47
Allowing animal to stray	10	0	0
Disturbance	1	1	0
Others	15	46	30
Total	4,013	10,013	8,432
No. of notices issued to drivers of vehicles emitting black smoke	5,156	6,236	3,796

Source: Ministry of Environment and National Development Unit.

Table 6.35 - Employment by industrial group¹ and sex, March 2007, Republic of Mauritius

Industrial group	Male	Female	Both sexes
<u>Agriculture, forestry and fishing</u>	<u>18,047</u>	<u>3,637</u>	<u>21,684</u>
Sugarcane	11,499	2,497	13,996
Tea	111	172	283
Tobacco	44	107	151
Flower growing	145	202	347
Fishing	829	70	899
Animal Farming	854	117	971
Agricultural & animal husbandry services	3,548	398	3,946
Forestry, logging & related service activities	992	21	1,013
Other	25	53	78
<u>Mining and quarrying</u>	<u>75</u>	<u>65</u>	<u>140</u>
<u>Manufacturing</u>	<u>45,004</u>	<u>47,257</u>	<u>92,261</u>
Food:			
Meat and fish processing	3,502	3,370	6,872
Bread	721	117	838
Sugar confectionery, biscuits and other farinaceous products	426	525	951
Sugar	1,979	18	1,997
Tea	141	38	179
Other	68	146	214
Beverage and tobacco:			
Distilleries & cigarette manufacture	368	101	469
Wine and beer	1,354	183	1,537
Soft drinks	642	55	697
Textiles	4,243	2,683	6,926
Wearing apparel (except footwear)	17,937	32,944	50,881
Leather products	152	496	648
Footwear	185	129	314
Wood products (except furniture)	411	188	599
Paper products	455	169	624
Printing and publishing	1,813	904	2,717
Chemical products	1,741	534	2,275
Rubber products	138	40	178
Plastic products	1,082	440	1,522
Non-metallic mineral products:			
Stone and concrete	1,135	91	1,226
Other	201	51	252
Basic metals	327	26	353
Fabricated metal products	2,029	306	2,335
Machinery & equipment	486	50	536
Electrical machinery & apparatus	395	208	603
Radio, television & communication equipment	68	58	126
Medical, optical & photographic equipment	386	599	985
Watches and clocks	274	447	721
Transport equipment	444	16	460

¹ Large establishment

Table 6.35(cont'd)-Employment by industrial group¹ and sex, March 2007, Republic of Mauritius

Industrial group	Male	Female	Both sexes
Furniture	740	137	877
Jewellery and related articles	914	1,122	2,036
Other manufacturing industries	247	1,066	1,313
<u>Electricity, gas and water</u>	<u>2,821</u>	<u>178</u>	<u>2,999</u>
<u>Construction</u>	<u>13,070</u>	<u>559</u>	<u>13,629</u>
<u>Wholesale & retail trade, repair of m/vehicles, motorcycles, personal & household goods</u>	<u>12,860</u>	<u>5,975</u>	<u>18,835</u>
Maintenance & repair of motor vehicles & motorcycles	260	40	300
Sale of motor vehicles, motor cycles & related parts; automotive fuel	1,337	303	1,640
Wholesale trade	6,424	2,054	8,478
Retail trade	4,839	3,578	8,417
<u>Hotels and restaurants</u>	<u>16,746</u>	<u>5,280</u>	<u>22,026</u>
Hotels	15,761	4,855	20,616
Restaurants	985	425	1,410
<u>Transport, storage & communication</u>	<u>15,049</u>	<u>3,464</u>	<u>18,513</u>
Bus transport	5,550	126	5,676
Other land transport	779	169	948
Water & air transport	1,979	1061	3,040
Cargo handling, storage & warehousing & related activities	3,288	624	3,912
Travel agencies & tour operators	689	619	1,308
Post & telecommunication	2,764	865	3,629
<u>Financial intermediation</u>	<u>5,031</u>	<u>4,262</u>	<u>9,293</u>
Banking	3,091	2,491	5,582
Insurance	1,307	1,165	2,472
Other	633	606	1,239
<u>Real estate, renting and business activities</u>	<u>10,884</u>	<u>6,312</u>	<u>17,196</u>
Real estate & renting of equipment	275	111	386
Computer services	2,022	2,125	4,147
Accounting & consultancy services	993	954	1,947
Architectural & engineering services	1,293	170	1,463
Advertising services	153	99	252
Security services	4,050	186	4,236
Other	2,098	2,667	4,765
<u>Public administration & defence; compulsory social security</u>	<u>30,529</u>	<u>9,358</u>	<u>39,887</u>
<u>Education</u>	<u>11,337</u>	<u>12,703</u>	<u>24,040</u>
<u>Health and social work</u>	<u>6,619</u>	<u>6,365</u>	<u>12,984</u>
Health services	5,868	5,556	11,424
Social work activities	751	809	1,560
<u>Other community, social and personal services</u>	<u>4,644</u>	<u>1,535</u>	<u>6,179</u>
Cleaning services	1,608	291	1,899
Recreational & sporting activities	2,354	888	3,242
Other	682	356	1,038
Total	192,716	106,950	299,666

¹ Large establishment

Table 6.36 - Number of accidents by economic activity, bodily location and agency, Republic of Mauritius, (July 2006 - June 2007)

Economic Activity	Bodily Location ¹										Material Agency							
	1.Head	2.Neck(including spine & vertebrae in neck)	3.Back, including spine & vertebrae in the back	4.Trunk and internal organs	5.Upper extremities	6.Lower extremities	6.Whole body and multiple sites	7.Other parts of body injured	8.Part of body injured, unspecified	TOTAL	1.Machines	2.Means of transport & lifting equipment	3.Other equipment	4.Materials, substances & radiations	5.Working environment	6.Other agencies, not elsewhere classified	7.Agencies not classified for lack of sufficient data	TOTAL
Agriculture, hunting & forestry	170	11	85	16	283	149	3	30	23	770	68	34	30	16	396	19	207	770
Fishing	0	0	0	0	2	1	0	0	0	3	0	0	0	0	2	1	0	3
Mining & quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Manufacturing	38	2	54	4	213	120	1	10	11	453	104	47	34	19	143	20	86	453
Electricity, gas & water supply	0	0	0	0	2	3	0	0	2	7	2	0	1	0	2	0	2	7
Construction	126	5	95	18	397	346	4	22	26	1,039	127	82	169	62	295	43	261	1,039
Wholesale and retail trade; repair of motor vehicles, motor cycles and personal and household goods	16	4	21	1	84	62	3	7	6	204	35	26	12	8	70	12	41	204
Hotels & restaurants	1	0	5	1	14	21	0	3	1	46	1	7	1	0	28	1	8	46
Transport, storage & communications	30	5	26	5	95	88	2	13	13	277	42	96	10	6	86	9	28	277
Financial intermediation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Real Estate, renting & business activities	3	0	4	2	14	27	1	3	0	54	6	14	2	2	20	3	7	54
Public administration & defence; compulsory social security	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Education	0	0	1	0	6	4	0	0	0	11	0	1	0	0	5	1	4	11
Health & social work	5	1	3	0	12	5	0	0	0	26	3	2	3	1	14	1	2	26
Other community, social & personal service activities	1	0	1	0	8	6	0	3	0	19	4	5	0	1	7	2	0	19
Private households with employed persons	1	0	1	0	5	2	0	0	2	11	0	1	1	0	2	0	7	11
Extra-territorial organisations & bodies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	391	28	296	47	1,135	834	14	91	84	2,920	392	315	263	115	1,070	112	653	2,920

¹ According to new classification

Table 6.37 - Rating of the state of the environment by heads of households surveyed, 2001, Republic of Mauritius

Situation	Percentage of households having rated the situation as :					
	Very Good	Good	Satisfactory	Poor	Bad	Total
Vicinity of house	3.4	34.3	38.0	17.5	6.8	100.0
Rivers/riverside	0.7	17.4	32.3	33.2	16.4	100.0
Industrial/commercial sites	0.6	21.0	40.8	26.4	11.2	100.0
Beaches	5.6	40.3	40.3	10.3	3.5	100.0
Country in general	1.6	24.4	48.4	19.8	5.8	100.0

Source : CSO, Continuous Multi - Purpose Household Survey 2001