

# **DIGEST OF ENVIRONMENT STATISTICS – 2006**

## **Foreword**

This is the fifth 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 1997 to 2006, 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 1997 to 2006, 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 and Fisheries
- National Parks and Conservation Service - Ministry of Agro Industry and Fisheries.
- Albion Fisheries Research Centre - Ministry of Agro Industry and Fisheries.
- Agricultural Research and Extension Unit (AREU) - Ministry of Agro Industry and Fisheries.
- 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 (CO<sub>2</sub>), methane (CH<sub>4</sub>) and Nitrous Oxide (N<sub>2</sub>O). Other gases such as Carbon monoxide (CO), oxides of Nitrogen (NO<sub>x</sub>), non methane volatile organic compounds (NMVOC) and Sulphur dioxide (SO<sub>2</sub>), 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 <sup>3</sup>	Million cubic metres
Gg	Gigagram (thousand tonne)
ktoe	Thousand tonne of oil equivalent
Toe	Tonne of oil equivalent
<sup>o</sup> C	Degrees celcius
mg/l	Milligram per litre
mS/cm	Millisiemens per centimetre
g/l	Gram per litre
NTU	Nephelometric Turbidity Unit
µg/m <sup>3</sup>	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 - 2006

## Highlights

### 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 2006, total forest area was 47,181 hectares, of which 22,181 (47%) were state-owned and the remaining 25,000 hectares (53%) were privately-owned.

Out of the state-owned forest area, about 11,848 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 635 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 14,579 hectares. The Black River Gorges National Park represented nearly 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 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 2006, goats dominated the livestock population with an estimated population of 19,562 heads (63%), followed by pigs, 5,725 (19%), cattle, 4,875 (16%) and sheep, 687 heads (2%) (Table 2.1).

#### 2.2 Agro-industrial production

In 2006, production of beef was the leading contributor to the total livestock production (74%). The remaining livestock production comprised pork (23%), goat meat and mutton (3%). Poultry accounted for some 36,000 tonnes and milk production amounted to around 4 million litres (Table 2.3).

### **2.3 Fish catch and production**

Table 2.4 shows a steady decline in fish production from 12,321 tonnes in 1997 to 8,671 tonnes in 2006. Compared to 2005, a decrease of 5.7% was noted in the fish production for the year 2006.

In 2006, fish production through coastal (artisanal) fishery amounted to 950 tonnes. Basket trap accounted for 36% of the total catch, followed by line (32%) and large net (21%) (Table 2.5).

In 2006, 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 2006, 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 (CO<sub>2</sub>) constituted 96%. The data indicate a rise in net CO<sub>2</sub> emissions from 2,772 thousand tonnes in 2005 to 3,156 thousand tonnes in 2006. Net emissions take into account the removal of CO<sub>2</sub> 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 2005 and 2006 is given in Table 3.8. Carbon dioxide with an emission of 2,996 thousand tonnes in 2005 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 2,994 thousand tonnes in 2005 to 3,347 thousand tonnes in 2006 (+12%), driven mostly by a 18% increase of CO<sub>2</sub> emissions from the energy industries.

The energy industries remain the principal source of CO<sub>2</sub> emission in the atmosphere. They contributed around 57% of the emissions, with 1,912 thousand tonnes in 2006. They were followed by the transport sector which contributed 25% of the total emissions and the manufacturing industries with 12%.

#### **3.2.2.2 Non-CO<sub>2</sub> emissions**

Non-CO<sub>2</sub> emissions were minimal and in 2006 they were distributed in thousand tonnes as follows: carbon monoxide 64.8, sulphur dioxide 33.0, non-methane volatile organic compounds (NMVOC) 17.7, oxide of nitrogen 16.6, methane 13.0 and nitrous oxide 1.2.

### **3.3 Ozone-depleting substances**

The consumption of ozone-depleting substances increased by 14.5% from 166 metric tonnes in 2005 to 190 metric tonnes in 2006. Around 99% of the ozone-depleting substances constituted of the hydro-chlorofluorocarbons (HCFC's), while the chlorofluorocarbons (CFC's) has been phased out in 2005 (Table 3.10).

## **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 2006, the island of Mauritius received 3,571 million cubic metres (Mm<sup>3</sup>) of precipitation (rainfall). This was 19.3 % lower than in 2005 when 4,423 Mm<sup>3</sup> 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 2006 the total water demand was estimated at 918 Mm<sup>3</sup>. The agricultural sector accounted for most of the water utilised with 453 Mm<sup>3</sup> or 49%. Utilisation for the other purposes was as follows: hydropower 236 Mm<sup>3</sup> or 26%, domestic, industrial and tourism 216 Mm<sup>3</sup> or 25% (Table 4.4).

Around 77 % of the total fresh water supply came from surface water (reservoirs, rivers and streams) and the remaining 23 % from groundwater (Table 4.5).

#### **4.3 Water consumption**

During the period 1997 to 2006, the domestic consumption of water went up from 164 to 167 litres per person per day (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%, tobacco 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 reach 70,801 hectares in 2006 from 71,581 hectares in 2005 (-1.1%). During the same period area

under tea plantation increased from 670 hectares to 688 hectares (2.7%) and area under tobacco fell to 252 hectares from 348 hectares (-27.6%) (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 consumed and its breakdown by main nutrient components are shown in Table 5.6. The consumption of fertilisers for the year 2006 was 48,109 tonnes, a decrease of around 5.4% over the 2005 figure of 50,870 tonnes.

The major nutrients in these inputs are nitrogen (N), phosphorous (P) as phosphate and potassium (K) as potash. In 2006 those nutrients were distributed as follows: nitrogen 9,880 tonnes, phosphate 3,492 tonnes and potash 9,628 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. The total amount of solid waste landfilled at Mare Chicose rose to 407,039 tonnes in 2006 from 389,949 tonnes in 2005, representing an increase of 4.4% (Table 5.10).

In 2006 domestic waste constituted 95% of the total solid waste landfilled.

## **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 2006, 55 EIA licences were granted of which 36% were issued to coastal hotels and related works and 24% were provided to housing (Housing projects like bungalows, flats etc).

During the same period, 91 PER licences were granted, out of which 19% 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, 1997 - 2006. 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 133%, from Rs 88,175 million in 1997 to Rs 205,786 million in 2006. The share of agriculture in GDP fell from 9.4% in 1997 to 5.5% in 2006, that of manufacturing decreased from 23.6% to 20.0%, while that of financial and business services increased from 15.6% to 21.6%.

During the same period, population of the Republic of Mauritius increased by 9.1% from 1,148,284 to 1,252,698 and population density from 567 to 616 per km<sup>2</sup>.

### **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 6.3% from 1,293 ktoe in 2005 to 1,375 ktoe in 2006. Around 81% of the total primary energy requirement was met by imported fuels (oil, LPG and coal) and the remaining 19%, 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 35% in 2005 to 43% in 2006. On the other hand, the contribution of fuel oil fell marginally from 34% to 32% and that of kerosene from 3% to 0.3% (Table 6.16).

#### **6.2.3 *Final energy consumption***

In 2006, final energy consumption reached around 874 ktoe, an increase of about 3% over the figure of 848 ktoe in 2005. Changes in the different sectors were as follows: "Commercial and Distributive Trade" (+9.7%), "Transport" (+1.5%),

“Household” (-5.3%), “Manufacturing” (+8.9%) and the agricultural sector (+2.1%) (Table 6.18).

The largest consumers were the transport and manufacturing sectors, which accounted for 49% and 31% of the total 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 2006, petroleum products used for transportation were as follows; 172,929 tonnes of diesel oil, 89,117 tonnes of gasoline, 6,887 tonnes of liquefied petroleum gas (LPG) and 141,053 tonnes of aviation fuel (Table 6.17).

#### **6.3 Stock of registered motor vehicles**

In 2006, the fleet of motor vehicles reached 319,440, 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 1997 to 2006 is shown in Table 6.33. The number of complaints rose from 283 in 1997 to 813 in 2006. The major causes for complaints were noise (22%) and solid (17%).

#### **6.5 Contraventions**

In 2006, the Police de L'Environnement issued 10,013 contraventions of which illegal littering accounted for 94% (9,427).

During the same period, 6,236 notices were issued to drivers of vehicles emitting black smoke (Table 6.34).



**Table 1.1 - Forest area by category, 1997 - 2006**

Hectares

Category	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>State - owned</b>	<b>22,519</b>	<b>22,519</b>	<b>22,492</b>	<b>22,089</b>	<b>22,089</b>	<b>22,089</b>	<b>22,068</b>	<b>22,200</b>	<b>22,185</b>	<b>22,181</b>
Plantations	12,672	12,609	12,608	12,359	12,362	12,418	12,256	11,816	11,828	11,848
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 <sup>1</sup>	6,574	6,574	6,574	6,574	6,574	6,574	6,574	6,574	6,574	6,574
Islet National Park <sup>2</sup>								134	134	134
Bras D'Eau & Poste La Fayette Reserves <sup>3</sup>								472	472	472
Unplantable, protective or to be planted	1,822	1,885	1,859	1,705	1,702	1,646	1,804	1,770	1,743	1,719
Pas Geometriques	652	652	652	652	652	652	635	635	635	635
<i>Plantations</i>	224	224	225	224	230	243	226	226	226	226
<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	198	197	198	192	179	179	179	179	179
<b>Privately - owned lands</b>	<b>34,540</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>						
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 <sup>4</sup>	27,987	27,987	27,987	27,987	27,987	27,987	27,987	18,447	18,447	18,447
<b>Total</b>	<b>57,059</b>	<b>57,059</b>	<b>57,032</b>	<b>56,629</b>	<b>56,629</b>	<b>56,629</b>	<b>56,608</b>	<b>47,200</b>	<b>47,185</b>	<b>47,181</b>

Source : Forestry Service, Ministry of Agro Industry and Fisheries

<sup>1</sup> 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.

<sup>2</sup> Islet National Park was proclaimed in 1994.

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

<sup>4</sup> 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, 1997 and 2006**

	Area (hectares)		% of total land area	
	1997	2006	1997	2006
Forests lands :	57,059	47,181	30.6	25.3
of which				
Plantations	12,672	11,848	6.8	6.4
Nature reserves	799	799	0.4	0.4
National park	6,574	6,574	-	-
Unplantable, protective or to be planted	1,822	1,719	1.0	0.9
Pas Geometriques	652	635	0.3	0.3
Other <sup>1</sup>	34,540	25,606	18.5	13.7

<sup>1</sup> Privately owned forest lands including reserves, plantation , scrub and grazing lands.

**Table 1.3 - Local production, imports and consumption of timber, poles and fuelwood, 1997 - 2006**

	cubic metre (roundwood)									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>Local Production</b>	<b>27,633</b>	<b>22,392</b>	<b>25,694</b>	<b>18,977</b>	<b>16,945</b>	<b>15,910</b>	<b>14,007</b>	<b>13,973</b>	<b>12,098</b>	<b>14,532</b>
Timber	12,687	8,261	7,049	5,402	4,941	4,346	4,565	5,057	4,818	6,869
<i>State Lands</i>	<i>6,187</i>	<i>7,489</i>	<i>5,549</i>	<i>4,742</i>	<i>4,401</i>	<i>3,796</i>	<i>3,730</i>	<i>4,587</i>	<i>4,628</i>	<i>6,067</i>
<i>Private Lands</i> <sup>1</sup>	<i>6,500</i>	<i>772</i>	<i>1,500</i>	<i>660</i>	<i>540</i>	<i>550</i>	<i>835</i>	<i>470</i>	<i>190</i>	<i>802</i>
Poles	4,569	4,032	6,511	3,404	2,670	2,642	2,976	3,111	2,187	1,605
<i>State Lands</i>	<i>2,409</i>	<i>2,232</i>	<i>3,147</i>	<i>2,516</i>	<i>1,580</i>	<i>1,612</i>	<i>1,911</i>	<i>2,356</i>	<i>1,677</i>	<i>1,060</i>
<i>Private Lands</i> <sup>1</sup>	<i>2,160</i>	<i>1,800</i>	<i>3,364</i>	<i>888</i>	<i>1,090</i>	<i>1,030</i>	<i>1,065</i>	<i>755</i>	<i>510</i>	<i>545</i>
Fuelwood	10,377	10,099	12,134	10,171	9,334	8,922	6,466	5,805	5,093	6,058
<i>State Lands</i>	<i>8,502</i>	<i>8,524</i>	<i>10,539</i>	<i>9,256</i>	<i>8,429</i>	<i>7,992</i>	<i>5,189</i>	<i>5,170</i>	<i>4,578</i>	<i>4,765</i>
<i>Private Lands</i> <sup>1</sup>	<i>1,875</i>	<i>1,575</i>	<i>1,595</i>	<i>915</i>	<i>905</i>	<i>930</i>	<i>1,277</i>	<i>635</i>	<i>515</i>	<i>1,293</i>
<b>Imports of timber</b> <sup>2</sup>	<b>104,523</b>	<b>84,641</b>	<b>67,441</b>	<b>63,407</b>	<b>106,277</b>	<b>85,488</b>	<b>65,558</b>	<b>108,677</b>	<b>111,764</b>	<b>89,085</b>
<b>Total Consumption</b> <sup>3</sup>	<b>132,156</b>	<b>107,033</b>	<b>93,135</b>	<b>82,384</b>	<b>123,222</b>	<b>101,398</b>	<b>79,565</b>	<b>122,650</b>	<b>123,862</b>	<b>103,617</b>

Source : Forestry Service, Ministry of Agro Industry and Fisheries

<sup>1</sup> Estimates

<sup>2</sup> Roundwood equivalent

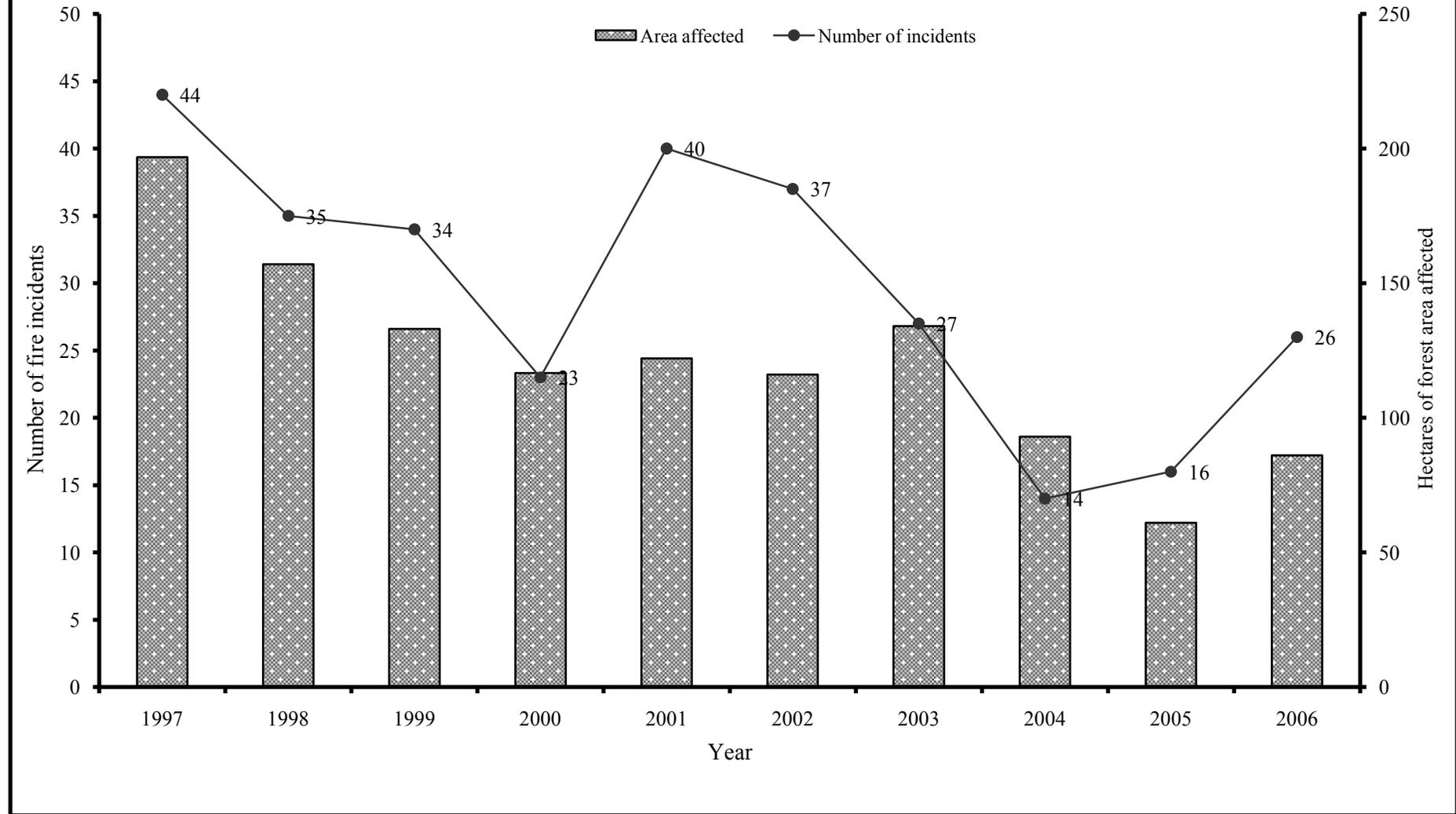
<sup>3</sup> Excludes plywood, paper and other wood products.

**Table 1.4 - Forest fires and area affected, 1997- 2006**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Number of incidents	44	35	34	23	40	37	27	14	16	26
Area affected ( Ha )	197	157	133	117	122	116	134	93	61	94
of which										
<i>Protected areas</i>	6	62	12	33	67	44	13	-	4	8
<i>Unprotected areas</i>	191	95	121	84	55	72	121	93	57	86

Source : Forestry Service, Ministry of Agro Industry and Fishries

**Fig.1 - Forest fires and area affected, 1997 - 2006**



**Table 1.5 - Silvicultural operations carried out in state forest land plantation, 1997 - 2006**

Type of operation	Hectares									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Clearing for planting	62	120	182	79	34	84	56	97	107	54
Planting	169	145	155	117	133	151	110	110	92	80
Weeding	685	606	361	649	596	490	402	300	282	266
Recruiting	473	395	251	533	462	394	391	298	222	257
Staking	25	208	337	372	14	629	30	15	35	44
Cleaning	452	542	508	498	718	606	744	586	484	331
Pruning	35	18	24	39	50	33	89	46	49	26

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, 2006**

Land protected areas	Area
	Hectares
<b>Black River Gorges National Park</b>	<b>6,574</b>
<b>Reserves</b>	<b>472</b>
<b>Nature reserves (mainland)</b>	<b>225</b>
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
<b>Islet National Park</b>	<b>134</b>
<b>Nature reserves (Islets)</b>	<b>621</b>
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
<b>Mountain Reserves (all privately owned)</b>	<b>3,800</b>
<b>River reserves (all privately owned)</b>	<b>2,740</b>
<b>Nature reserves (privately owned)</b>	<b>13</b>
Mondrain	5
Sir Emile Series	8
<b>Total</b>	<b>14,579</b>

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.

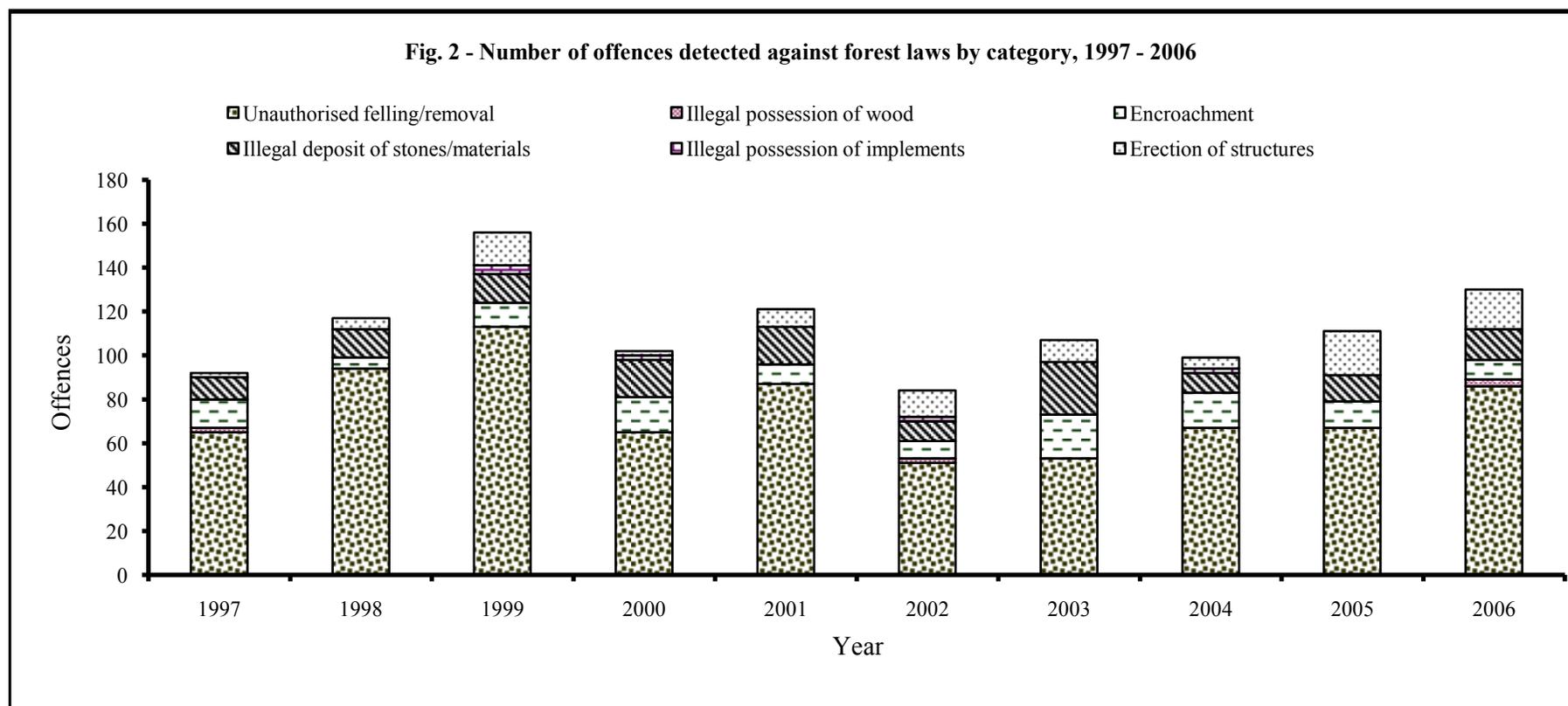


**Table 1.7 - Number of offences detected against forest laws <sup>1</sup> by category, 1997 - 2006**

Category	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Unauthorised felling/removal	65	94	113	65	87	51	53	67	67	86
Illegal possession of wood	2	-	-	-	-	2	-	-	-	3
Encroachment	13	5	11	16	9	8	20	16	12	9
Illegal deposit of stones/materials	10	13	13	17	17	9	24	9	12	14
Illegal possession of implements	-	-	4	2	-	2	-	2	-	3
Erection of structures and others	2	5	15	2	8	12	10	5	20	18
<b>Total</b>	<b>92</b>	<b>117</b>	<b>156</b>	<b>102</b>	<b>121</b>	<b>84</b>	<b>107</b>	<b>99</b>	<b>111</b>	<b>133</b>

Source : Forestry Service, Ministry of Agro Industry and Fisheries

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



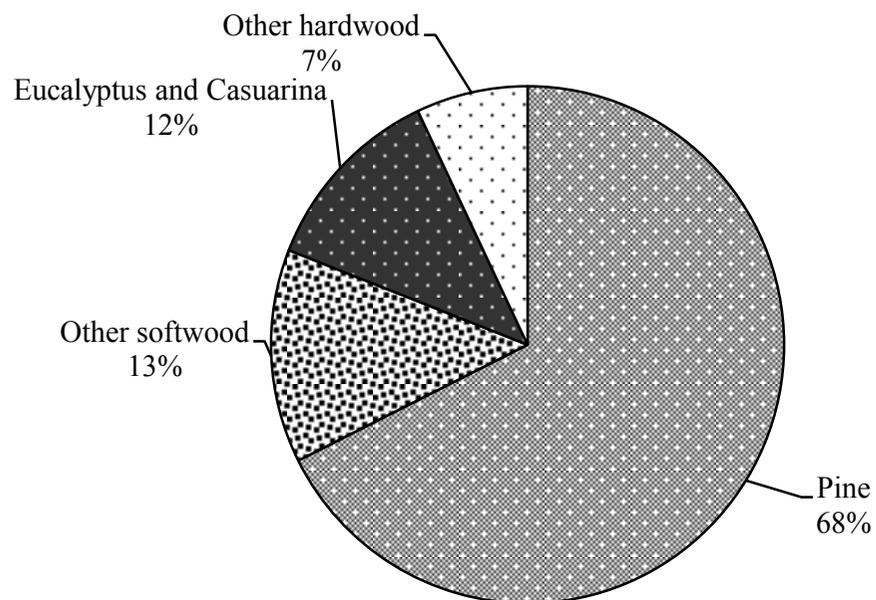
**Table 1.8 - Forest plantations <sup>1</sup> by type of plants, 1997 - 2006**

Type of plant	Hectares									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Soft wood										
Pine	8,232	8,169	8,192	8,078	8,035	8,062	8,113	8,136	8,143	8,162
Other softwood	1,601	1,601	1,601	1,597	1,599	1,609	1,609	1,609	1,612	1,613
Hardwood										
Eucalyptus and Casuarina	2,039	2,039	2,015	1,884	1,906	1,919	1,921	1,450	1,450	1,450
Other hardwood	800	800	800	800	822	828	839	847	849	849
<b>Total</b>	<b>12,672</b>	<b>12,609</b>	<b>12,608</b>	<b>12,359</b>	<b>12,362</b>	<b>12,418</b>	<b>12,482</b>	<b>12,042</b>	<b>12,054</b>	<b>12,074</b>

Source : Forestry Service, Ministry of Agro Industry and Fisheries

<sup>1</sup> State land

**Fig. 3 - Percentage composition of forest plantations, 2006**







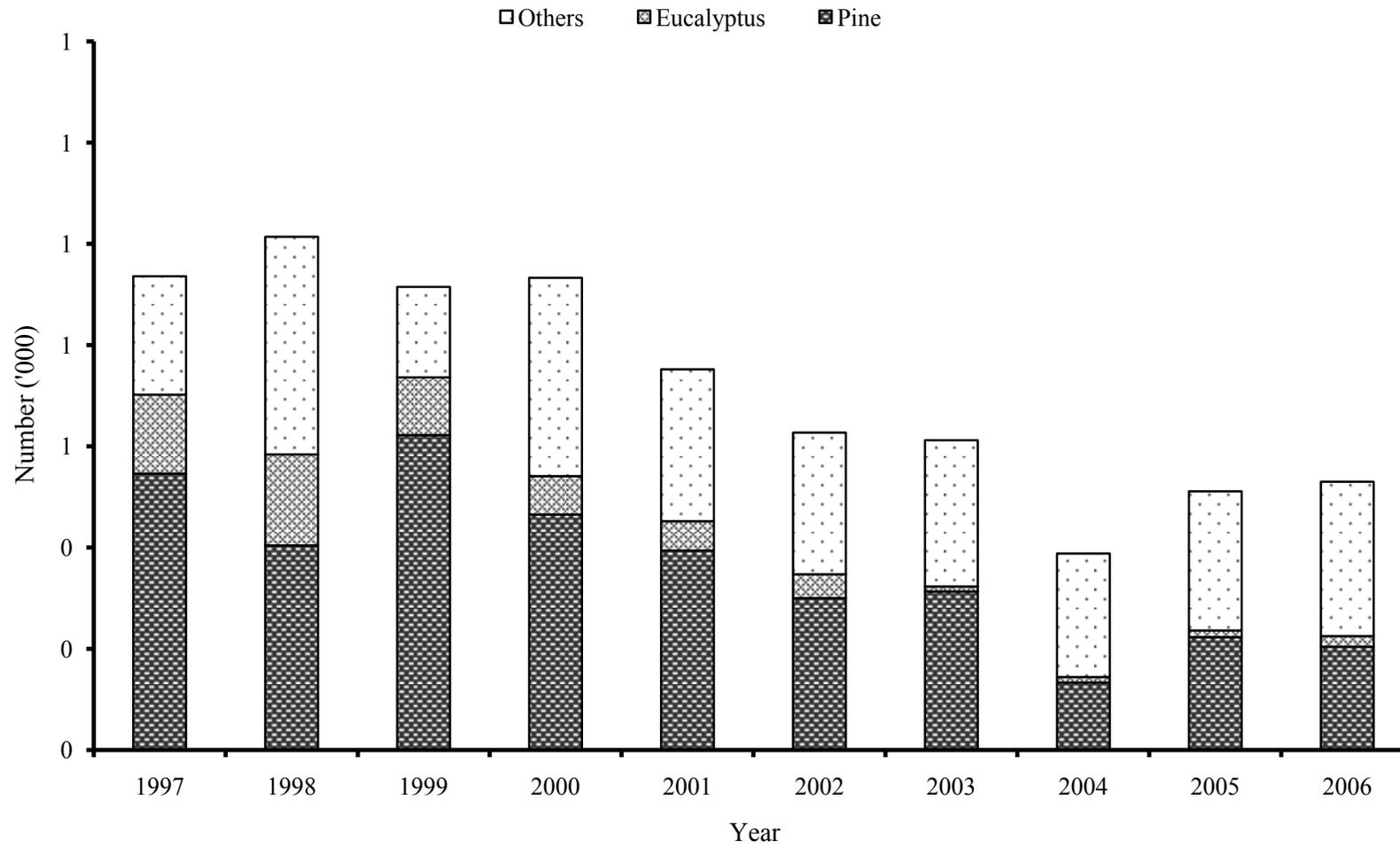
**Table 1.9 - Number of seedlings raised, by species, at the nurseries of the Forestry Service, 1997 - 2006**

Species	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Pine	545,670	404,306	622,154	465,060	393,768	300,119	313,293	133,162	222,975	203,594
Eucalyptus	156,461	180,444	113,500	75,510	57,871	47,018	10,000	11,400	12,535	20,950
Cryptomoria	-	4,471	15,455	3,285	4,100	14,531	6,265	14,722	8,820	455
Casuarina ( Filao )	104,785	162,900	25,585	36,842	45,519	23,198	32,650	6,449	-	5,091
Araucaria	388	34	1,485	52,601	22,347	47,961	19,291	5,098	1,026	20,578
Juniper	-	-	842	-	-	818	-	55	-	7
Other <sup>1</sup>	129,149	262,650	135,828	299,612	228,313	193,063	231,219	189,397	264,990	279,615
Total	936,453	1,014,805	914,849	932,910	751,918	626,708	612,718	360,283	510,346	530,290

Source : Forestry Service, Ministry of Agro Industry and Fisheries

<sup>1</sup>includes ornamentals and indigenous forest trees.

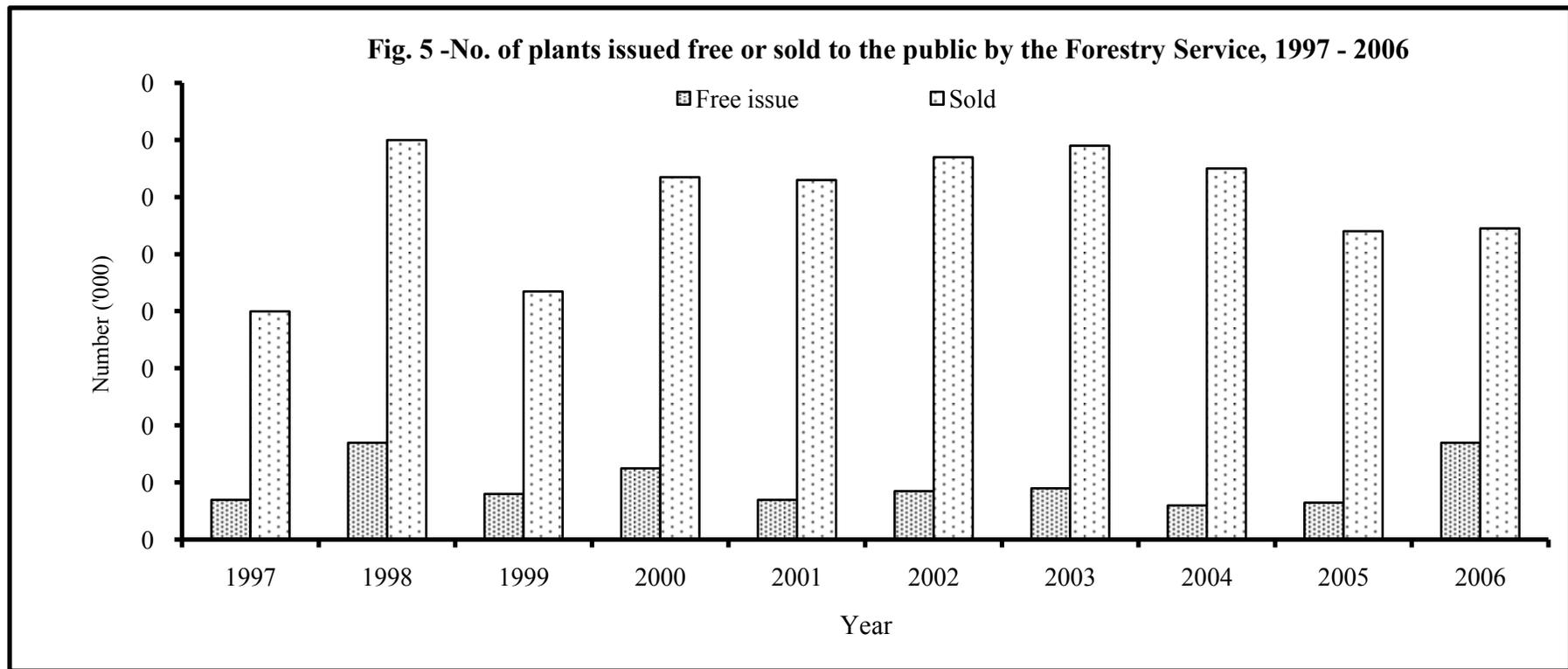
**Fig. 4 -Number of seedlings raised, by species, at the nurseries of the Forestry Service, 1997 - 2006**



**Table 1.10 - Number of plants issued free or sold to the public by the Forestry Service, 1997 - 2006**

Year	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Free issue	14,154	34,018	15,869	24,754	14,384	16,523	18,181	11,820	13,888	34,476
Sold	79,805	139,912	86,790	126,681	125,823	134,393	138,320	129,768	107,573	108,933

Source : Forestry Service, Ministry of Agro Industry and Fisheries





**Table 1.11 - Revenue and expenditure<sup>1</sup> of the Forestry Service, 1997 - 2006**

Rupees thousand

Revenue item	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sales of forest produce	4,267	6,557	8,172	8,172	6,879	7,159	7,494	8,216	8,093	9,122
Shooting and fishing rights	1,055	1,085	1,056	1,056	1,955	2,153	3,157	3,357	5,087	4,924
Agro - forestry	-	0	9	9	-	-	-	-	-	-
Miscellaneous (Wood exploitation licence)	222	198	246	246	210	207	212	213	213	219
<b>Total revenue</b>	<b>5,545</b>	<b>7,840</b>	<b>9,483</b>	<b>9,483</b>	<b>9,044</b>	<b>9,519</b>	<b>10,863</b>	<b>11,786</b>	<b>13,393</b>	<b>14,265</b>
<b>Total expenditure</b>	<b>98,825</b>	<b>107,365</b>	<b>115,201</b>	<b>115,201</b>	<b>125,460</b>	<b>128,419</b>	<b>137,738</b>	<b>147,595</b>	<b>148,221</b>	<b>152,851</b>

Source : Forestry Service, Ministry of Agro Industry and Fisheries

<sup>1</sup> Total expenditure including both recurrent and capital expenditures.



**Table 1.12 - Selling rates of timber by type, class <sup>1</sup> and category <sup>2</sup>, 1997 - 2006**

Item	Rupees per cubic metre									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Standing timber (basic royalty)										
Class I	1,430	1,430	1,640	1,640	1,640	1,810	1,810	1,960	1,960	2,160
Class II	880	880	1,010	1,010	1,010	1,110	1,110	1,200	1,200	1,320
Class III										
<i>Category I</i>	690	690	800	800	800	880	880	950	950	1,050
<i>Category II</i>	550	550	650	650	650	715	715	770	770	850
Class IV	250	250	300	300	300	330	330	360	360	400
Sound logs at roadside (basic royalty+labour)										
Class I	2,090	2,090	2,400	2,400	2,400	2,640	2,640	2,850	2,850	3,140
Class II	1,540	1,540	1,770	1,770	1,770	1,950	1,950	2,110	2,110	2,320
Class III										
<i>Category I</i>	1,430	1,430	1,640	1,640	1,640	1,810	1,810	1,960	1,960	2,160
<i>Category II</i>	1,210	1,210	1,390	1,390	1,390	1,530	1,530	1,650	1,650	1,820
Class IV	940	940	1,080	1,080	1,080	1,190	1,190	1,290	1,290	1,420
Sound logs at Curepipe timber store ( basic royalty+labour+transport)										
Class I	3,080	3,080	3,540	3,540	3,540	3,900	3,900	4,210	4,210	4,630
Class II	2,530	2,530	2,910	2,910	2,910	3,200	3,200	3,460	3,460	3,810
Class III										
<i>Category I</i>	2,200	2,200	2,530	2,530	2,530	2,780	2,780	3,000	3,000	3,300
<i>Category II</i>	1,760	1,760	2,020	2,020	2,020	2,220	2,220	2,400	2,400	2,640
Class IV	1,540	1,540	1,770	1,770	1,770	1,950	1,950	2,110	2,110	2,320

Source : Forestry Service, Ministry of Agro Industry and Fisheries

<sup>1</sup> Quality of wood, in decreasing order from Class I to Class IV.    <sup>2</sup> 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)

**Table 2.1 - Number of small breeders and livestock population by geographical district as at June 2006**

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	239	736	624	4,269	19	130	35	769
Riviere du Rempart	410	1,143	655	5,213	10	120	55	424
Flacq	444	1,089	857	6,245	19	214	72	2,554
Plaines Wilhems	149	644	66	440	-	-	12	416
Moka	139	463	42	271	-	-	9	165
Grand Port	157	598	308	2,108	5	76	46	1,126
Savanne	41	202	150	1,016	7	147	13	271
Black River/Port Louis	147	1,001	303	3,589	11	450	205	9,363
<b>Total</b>	<b>1,726</b>	<b>5,876</b>	<b>3,005</b>	<b>23,151</b>	<b>71</b>	<b>1,137</b>	<b>447</b>	<b>15,088</b>

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 March 2006**

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	239	255	22	183	276	736	35	33	219	158	359	769
Riviere du Rempart	410	445	157	275	266	1,143	55	23	77	127	197	424
Flacq	444	451	192	261	185	1,089	72	37	212	489	1,816	2,554
Plaines Wilhems	149	190	87	150	217	644	12	8	60	129	219	416
Moka	139	175	61	164	63	463	9	5	24	50	86	165
Grand Port	157	149	76	195	198	618	46	30	146	375	605	1,156
Savanne	41	101	21	53	27	202	13	9	26	54	182	271
Black River	112	141	56	109	461	767	138	117	918	1,904	3,025	5,964
Port Louis	35	75	25	73	61	234	67	37	336	935	2,091	3,399
<b>Total</b>	<b>1,726</b>	<b>1,982</b>	<b>697</b>	<b>1,463</b>	<b>1,754</b>	<b>5,896</b>	<b>447</b>	<b>299</b>	<b>2,018</b>	<b>4,221</b>	<b>8,580</b>	<b>15,118</b>

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 March 2006**

District	Sheep					Goat					Poultry <sup>1</sup>			
	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	19	46	37	47	130	624	1,323	1,464	1,482	4,269	34	45,389	31	62,601
Riviere du Rempart	16	63	37	20	120	655	1,612	1,767	1,934	5,313	25	26,250	66	15,200
Flacq	19	97	52	65	214	857	1,934	2,014	2,297	6,245	76	48,824	50	26,261
Plaines Wilhems	0	0	0	0	0	66	109	170	161	440	34	96,600	30	63,072
Moka	0	0	0	0	0	42	71	105	95	271	35	111,500	19	88,975
Grand Port	5	15	40	21	76	308	643	877	568	2,088	27	11,610	25	8,077
Savanne	7	30	83	34	147	150	268	423	310	1,001	32	114,305	30	121,743
Black River	11	143	216	91	450	234	770	903	860	2,533	19	19,950	18	12,330
Port Louis	0	0	0	0	0	69	401	299	291	991	3	1,250	9	6,060
<b>Total</b>	<b>77</b>	<b>394</b>	<b>465</b>	<b>278</b>	<b>1,137</b>	<b>3,005</b>	<b>7,131</b>	<b>8,022</b>	<b>7,998</b>	<b>23,151</b>	<b>285</b>	<b>475,678</b>	<b>278</b>	<b>404,319</b>

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

<sup>1</sup> Exclude industrial farm

**Table 2.3 - Production of selected agro-industrial products, Republic of Mauritius, 1997 - 2006**

Detail	Unit	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006 <sup>1</sup>
Beef <sup>2</sup>	tonnes	2,274	2,516	2,575	2,538	2,248	2,428	2,505	2,456	2,484	2,188
<i>Local (including Rodrigues)</i>	"	295	340	279	240	375	208	202	137	73	100
<i>Imported</i>	"	1,979	2,176	2,296	2,298	1,873	2,221	2,303	2,319	2,411	2,088
Goat meat and mutton <sup>2</sup>	"	128	118	125	102	114	114	107	107	111	99
Pork <sup>2</sup>	"	948	752	678	891	882	756	785	743	709	681
Poultry	"	20,825	18,300	20,900	25,600	27,200	29,305	30,000	33,000	33,000	36,000
Milk	'000 Litres	6,000	5,500	5,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000

<sup>1</sup> Provisional

<sup>2</sup> abattoir slaughters only

**Table 2.4 - Fish production by type of fishery (in fresh - weight equivalent) , 1997 - 2006**

		Tonnes									
Type of fishery	Type	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Artisanal fishery											
Island of Mauritius	Fresh	1,246	1,229	1,225	1,360	1,075	1,302	1,166	1,043	947	950
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	12	13	10	5	6	7	6	4	4	2
Ponds (prawn and fish)	Fresh	105	93	71	82	52	39	27	437	374	436
Offshore demersal fishery											
Shallow water banks	Frozen	4,831	3,731	4,297	4,303	3,366	3,943	3,713	3,216	2,178	3,112
Banks deep water snappers	Fresh	85	226	-	55	329	5	-	-	-	-
St Brandon inshore	Frozen & salted	562	594	557	497	557	491	578	311	414	235
Semi - industrial chilled fish	Chilled	95	102	172	185	188	204	234	178	223	311
Tuna fishery	Frozen	4,435	2,848	3,304	417	-	219	1,118	1,640	1,402	1,380
Sword fish fishery	Chilled	-	-	-	21	87	45	111	61	118	183
Demersal trawlers	Frozen	-	-	-	-	2,184	2,113	1,806	1,595	2,584	1,112
<b>Total</b>		<b>12,321</b>	<b>9,786</b>	<b>10,586</b>	<b>7,875</b>	<b>8,794</b>	<b>9,318</b>	<b>9,709</b>	<b>9,435</b>	<b>9,194</b>	<b>8,671</b>

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.

**Table 2.5 - Annual fish catch of the coastal (artisanal) fishery by gear - type, 1997 - 2006**

Tonnes

<b>Gear-type</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Basket trap	384.7	394.4	282.0	404.9	357.5	450.8	492.6	425.3	433.8	343.8
Line	300.7	264.2	339.1	503.2	368.4	429.3	373.4	285.8	288.8	303.7
Basket trap and Line	237.3	212.3	156.0	83.3	59.1	91.8	17.5	54.9	16.8	19.6
Large net	163.3	217.1	294.7	230.7	172.9	183.4	160.6	168.1	121.5	201.1
Gill net	16.6	16.8	16.0	12.8	11.4	25.3	13.6	11.3	8.2	11.3
Cast net/Harpoon/on foot	143.5	123.9	137.1	125.1	105.9	121.1	108.1	97.4	78.2	70.5
<b>Total</b>	<b>1,246.1</b>	<b>1,228.8</b>	<b>1,224.8</b>	<b>1,360.0</b>	<b>1,075.2</b>	<b>1,301.7</b>	<b>1,165.8</b>	<b>1,042.8</b>	<b>947.3</b>	<b>950.0</b>

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

**Table 2.6 - Number of active fishermen by gear - type, 1997 - 2006**

<b>Gear-type</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Basket trap	413	242	256	286	519	501	473	445	493	275
Line/Harpoon	844	451	523	642	678	734	749	896	789	764
Basket trap and Line	633	561	609	559	610	600	670	736	689	1,111
Large net	426	270	270	226	180	165	177	159	189	149
Gill net	77	23	27	28	27	28	17	20	14	13
Cast net	55	38	31	-	-	-	-	-	-	-
<b>Total</b>	<b>2,448</b>	<b>1,585</b>	<b>1,716</b>	<b>1,741</b>	<b>2,014</b>	<b>2,028</b>	<b>2,086</b>	<b>2,256</b>	<b>2,174</b>	<b>2,312</b>

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

**Table 2.7 - Fisherman-days and total catch <sup>1</sup> from the lagoon and off lagoon, 1997 - 2006**

Year	Fisherman-days			Catch (tonnes)
	Lagoon	Off lagoon	Total	
1997	170,143	88,334	258,477	1,246
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

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

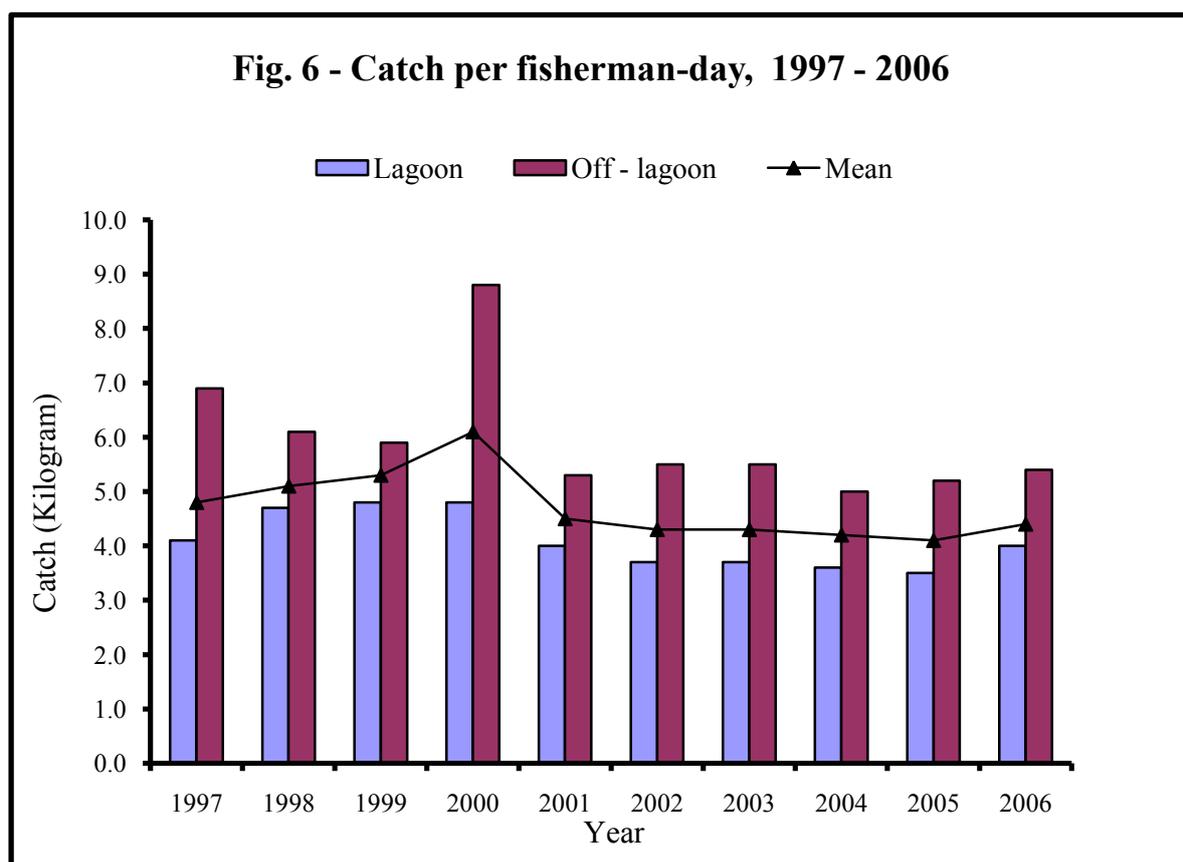
<sup>1</sup> Coastal (artisanal) fishery

**Table 2.8 - Catch per fisherman-day, 1997 - 2006**

Year	Lagoon	Off - lagoon	Mean
1997	4.1	6.9	4.8
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

Kilogram

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



**Table 2.9 - Average price of fresh fish and other sea food, 1997 - 2006**

Rupees per kilogram

Species	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Homard	395	365	370	415	475	475	480	495	515	550
Crab and crevette	275	270	270	260	270	295	285	275	290	275
Vieille rouge	160	175	180	185	180	185	180	190	215	230
Vacoas, sacrechien	125	140	135	140	145	150	150	160	160	175
Capitaine	120	120	125	135	140	145	140	155	170	170
Dame berri	110	110	110	120	130	135	130	140	150	170
Octopus	80	85	90	90	100	100	100	105	125	130
Carangue	80	85	85	95	100	110	100	115	115	120
Cordonier	75	80	80	80	85	85	90	100	105	115
Rouget, tuna	75	80	75	80	80	80	85	90	95	110
Mulet voile	65	65	65	70	75	75	80	85	95	100
Bordemar	70	75	75	80	80	80	85	100	95	90
Licorne	70	75	75	80	85	95	95	100	115	115
Cateaux	65	60	60	65	65	70	75	75	70	85
Other fish	50	45	45	45	45	45	40	55	50	65
Shark	35	25	25	25	35	35	55	45	45	50

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

**Table 2.10 - Annual catch by banks, 1997 - 2006**Tonnes<sup>1</sup>

Year	Saya de Malha	Nazareth	St. Brandon	Chagos	Albatros	Total catch
1997	1,798	1,720	316	306	270	4,410
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

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

<sup>1</sup> Product weight = Brought frozen without offals

**Table 2.11- Import, export and trade balance of fish and fish products, 1997 - 2006**

Year	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Imports										
Quantity (tonnes)	30,911	34,331	30,339	42,146	52,050	87,335	63,515	81,315	104,830	167,000
Value (Rupees million)	866.9	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
Exports										
Quantity (tonnes)	15,827	13,022	15,206	18,151	27,381	49,558	50,329	54,241	67,249	68,000
Value (Rupees million)	926.9	972.6	971.2	961.5	1,840.8	4,078.6	3,167.3	3,358.1	4,842.1	7,120.4
Trade Balance ( Rupees million )	60.0	-140.6	178.1	-96.4	86.5	93.9	624.9	171.5	580.9	395.5

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

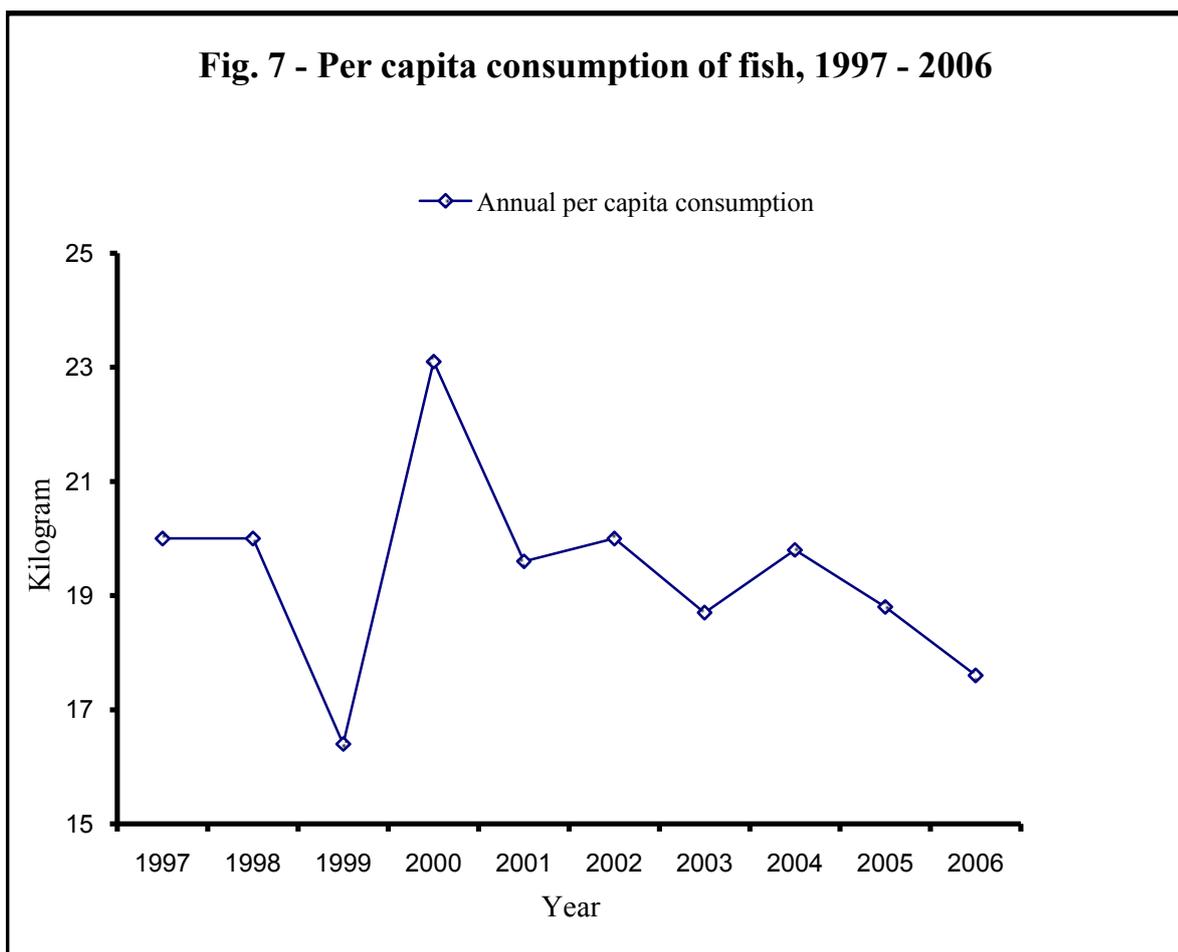
**Table 2.12 - Total number and type of fishing vessels calling at Port Louis , 1997 - 2006**

Type/category	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Tuna long liners and squid vessels	376	481	456	452	476	448	392	419	628	708
Purse seiners (local)	11	9	3	2	-	-	2	2	8	9
Reefers	27	24	37	46	50	39	42	33	32	48
Trawlers	9	10	18	55	52	22	20	20	13	13
Hand liners	48	58	75	63	56	108	179	217	190	179
Long liners (Ice cod fish sp.) (Patagonian tooth fish vessel)	...	88	47	80	62	44	51	24	19	21
Others, unspecified vessels	71	...	...	...	...	2	2	3	4	1
Total	542	670	636	698	696	663	688	718	894	979

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

**Table 2.13 - Per capita consumption of fish, 1997 - 2006**

Year	Quantity
1997	20.0
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

**Fig. 7 - Per capita consumption of fish, 1997 - 2006**

**Table 2.14 - Cases of poisoning <sup>1</sup> by noxious fish and shellfish, venomous animals and plants, 1997 - 2006**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>Total</b>										
General hospital discharges due to accidental poisoning by noxious fish and shellfish	68	22	69	53	67	26	79	50	60	46
General hospital discharges due to venomous animals and plants as the cause of poisoning and toxic reactions	105	201	186	170	189	93	159	222	193	287
<b>Male</b>										
General hospital discharges due to accidental poisoning by noxious fish and shellfish	28	13	32	26	33	12	40	19	24	21
General hospital discharges due to venomous animals and plants as the cause of poisoning and toxic reactions	78	149	155	118	144	71	109	176	137	167
<b>Female</b>										
General hospital discharges due to accidental poisoning by noxious fish and shellfish	40	9	37	27	34	14	39	31	36	25
General hospital discharges due to venomous animals and plants as the cause of poisoning and toxic reactions	27	52	31	52	45	22	50	46	56	120

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

<sup>1</sup> Cases treated as in - patients in Government General Hospitals

**Table 2.15 - List of fishable areas, Republic of Mauritius**

Kilometre square

<b>Region</b>	<b>Depth</b>	<b>Area</b>
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	...	...
<b>Total</b>		<b>48,666</b>

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 <sup>1</sup>	Other <sup>2</sup>
<b>Baie du Tombeau</b>	Back reef	2005	64	2	34	n.o
		2006				
<b>Le Goulet</b>	Fore reef	2005	74	2	21	3
		2006	74	5	16	3
<b>Ile aux Benitiers</b>	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				
<b>Bel Ombre</b>	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
<b>Bambous Virieux</b>	Back reef	2005	48	14	37	1
		2006				
	Shore reef	2005	35	49	16	n.o
		2006				
<b>Trou d'eau Douce</b>	Back reef	2005				
		2006				
	Shore reef	2005	59	2	36	3
		2006				
<b>Anse La Raie</b>	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
<b>Trou Aux Biches</b>	Back reef	2005	40	2	58	n.o
		2006				
	Fore reef	2005	28	6	64	2
		2006				
<b>Pointe Aux Sables</b>	Back reef	2005	39	6	53	n.o
		2006	47	1	47	n.o
	Fore reef	2005				
		2006				
<b>Albion</b>	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
<b>Poudre D'Or Site I</b>	Back reef	2005	50	36	14	n.o
		2006				
<b>Poudre D'Or Site II</b>	Back reef	2005	64	4	32	n.o
		2006				
<b>Belle Mare (Site I)</b>	Back reef	2005	50	60	14	n.o
		2006	60	23	17	n.o
<b>Belle Mare (Site II)</b>	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

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



**Table 2.17 - List of Marine Protected Areas, 2006**

Hectares	
Marine protected areas	Area
<b>Marine parks</b>	<b>838</b>
Blue bay	353
Balaclava	485
<b>Fishing reserves</b>	<b>6,352</b>
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
<b>Wetland</b>	<b>26</b>
Rivulet Terre Rouge Estuary Bird Sanctuary	26
Total	7,216

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

**Table 3.1 Monthly mean maximum temperature, 1997 - 2006**

Degrees celcius

YEAR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	Mean	<i>Difference from Normal</i>																						
1997	29.0	-0.3	29.3	0.0	29.5	0.4	28.7	0.5	26.7	0.1	25.1	0.1	24.2	0.0	24.9	0.8	24.9	-0.1	26.0	-0.1	28.7	0.9	30.2	1.4
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

Source: Meteorological Services

**Table 3.2 - Monthly mean minimum temperature, 1997 - 2006**

Degrees Celcius

YEAR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	Mean	<i>Difference from Normal</i>																						
1997	22.0	0.3	21.9	-0.1	21.3	-0.5	20.4	-0.3	19.5	0.6	17.6	0.3	17.2	0.6	16.7	0.3	17.0	0.2	17.8	-0.1	19.9	0.5	21.7	0.7
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

Source: Meteorological Services

**Table 3.3 - Monthly mean values of humidity (%) with extremes for the year 2006**

Region	Station		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
North	Pamplemousses	2006	84	84	84	83	76	80	81	77	78	75	77	67	
		Highest Maximum	94	94	94	90	90	97	95	96	96	96	94	94	84
		Lowest Minimum	64	62	66	63	51	56	48	48	41	40	27	35	55
		LTM (1986 - 2000)	81	83	82	82	82	82	82	81	79	77	76	76	79
South	Plaisance	2006	80	82	85	81	78	76	75	73	75	73	77	73	
		Highest Maximum	99	98	98	97	97	95	96	96	96	96	96	97	96
		Lowest Minimum	59	59	62	62	50	47	55	50	50	50	45	56	50
		LTM (1971 - 2000)	81	83	83	83	81	78	77	77	78	77	78	78	80
East	FUEL	2006	80	85	90	88	84	82	86	80	80	80	83	82	
		Highest Maximum	93	99	97	95	94	92	99	93	97	97	97	96	96
		Lowest Minimum	66	60	73	68	59	68	60	60	58	50	48	52	56
		LTM (1981 - 2000)	84	87	84	85	83	82	82	82	82	82	82	81	84
West	Medine	2006	77	79	77	66	70	68	67	76	76	75	78	60	
		Highest Maximum	95	93	88	78	90	89	99	94	93	95	95	99	
		Lowest Minimum	48	54	60	56	42	45	47	56	47	49	50	36	
		LTM (1981 - 2000)	79	82	81	80	79	78	77	76	75	76	77	79	
	Quatre Bornes	2006	83	85	87	84	80	82	84	80	80	79	80	79	
		Highest Maximum	97	98	97	96	96	96	96	96	96	96	96	96	
		Lowest Minimum	57	58	62	54	49	55	57	53	49	40	48	50	
		LTM (1990 - 2000)	83	84	85	84	84	83	83	82	80	79	78	81	
Centre	Vacoas	2006	83	86	88	85	82	84	86	82	83	80	81	79	
		Highest Maximum	99	99	98	99	99	99	99	99	98	99	97	98	98
		Lowest Minimum	51	59	62	58	50	58	61	56	50	39	51	48	
		LTM (1971 - 2000)	83	85	84	85	83	82	82	82	80	80	80	80	81

LTM: Long Term Mean

Source : Meteorological Services

**Table 3.4 - Monthly total hours of sunshine by region and station, 1997 - 2006**

Hours

<b>Region : North, Station : Pamplemousses</b>													
<b>Month</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>YEARLY TOTAL</b>
<b>Year</b>													
1997	219	244	264	220	212	249	229	268	220	212	230	244	2,811
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
Mean 1961-1990	259	221	231	223	235	219	235	237	221	251	257	243	2,830
<b>Region : East , Station : Fuel</b>													
1997	195	213	240	168	165	204	185	219	175	176	196	226	2,360
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
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, 1997 - 2006**

Hours

<b>Region : West, Station : Medine</b>													
<b>Month</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>YEARLY TOTAL</b>
<b>Year</b>													
1997	205	235	241	209	231	258	238	262	199	217	272	242	2,808
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
Mean 1981-2000	233	206	228	214	236	218	230	228	216	237	234	236	2,715
<b>Region : Centre, Station : Vacoas</b>													
1997	224	228	248	193	204	243	241	249	210	224	214	212	2,690
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
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, 1997 - 2006**

Region : South , Station : Plaisance													Hours
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YEARLY TOTAL
Year													
1997	217	209	242	174	169	189	161	232	190	186	227	230	2,426
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
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, 2006<sup>1</sup>**

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 <sup>2</sup>
Dust ( PM <sub>10</sub> )	µg/m <sup>3</sup>	43.0	59.0	52.0	13.0	27.0	18.0	11.0	69.0	25.8	100.0
Ozone ( O <sub>3</sub> )	ppb	1.0	3.0	1.8	7.0	23.0	14.8	1.0	9.0	2.6	46.7
Sulphur dioxide ( SO <sub>2</sub> )	ppb	0.3	1.4	0.7	0.1	3.2	1.1	0.1	89.4	18.0	70.0
Nitrogen dioxide ( NO <sub>2</sub> )	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, 2006<sup>1</sup>**

Cassis					
Pollutant	Unit	Minimum	Maximum	24 hour Average for the year	Ambient air quality standard <sup>2</sup>
Dust ( PM <sub>10</sub> )	µg/m <sup>3</sup>	43.0	59.0	52.0	100.0
Ozone ( O <sub>3</sub> )	ppb	1.0	3.0	1.8	46.7
Sulphur dioxide ( SO <sub>2</sub> )	ppb	0.3	1.4	0.7	70.0
Nitrogen dioxide ( NO <sub>2</sub> )	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.

<sup>1</sup> : Estimate

<sup>2</sup> : 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 25<sup>0</sup> 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, 2002 - 2006<sup>1</sup>**

Gg or thousand tonne

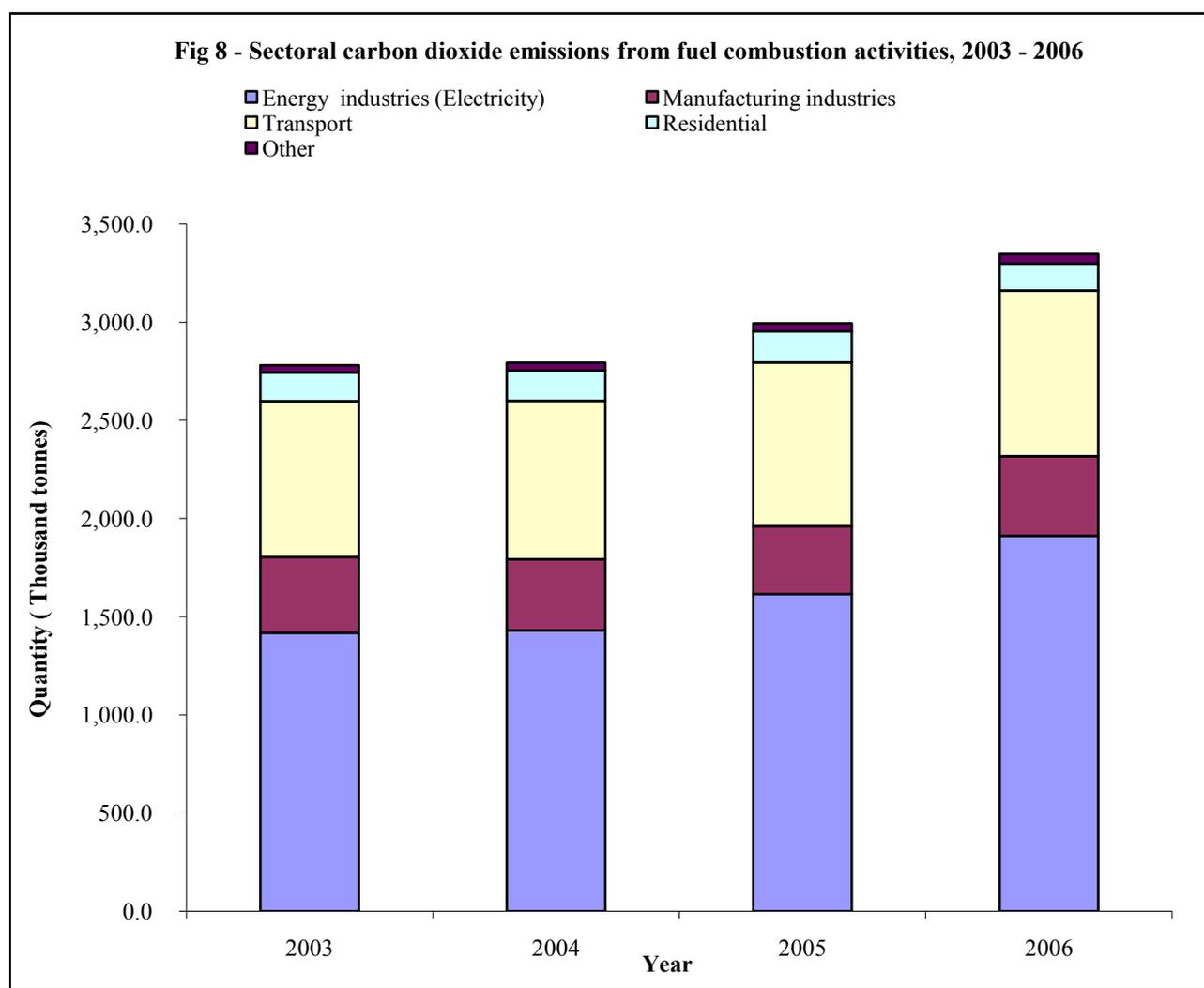
Greenhouse gas	2002	2003	2004	2005	2006
<b>Emissions</b>					
Carbon Dioxide	2,647.9	2,783.5	2,795.7	2,996.0	3,348.9
Methane	11.7	12.0	12.3	12.5	13.0
Oxide of Nitrogen	14.5	15.1	15.2	15.4	16.6
Nitrous Oxide	1.5	1.5	1.5	1.3	1.2
Carbon Monoxide	62.9	65.7	66.9	66.4	64.8
NMVOC <sup>2</sup>	18.5	17.5	16.5	18.3	17.7
Sulphur Dioxide	30.6	32.1	32.7	33.0	33.0
<b>Removals</b>					
Carbon Dioxide	239.5	237.9	223.7	223.7	193.2
<b>Net emissions</b>					
Carbon Dioxide	2,408.4	2,545.6	2,572.0	2,772.3	3,155.6

<sup>1</sup> Provisional

<sup>2</sup> Non - methane volatile organic compound

**Table 3.7 - Sectoral carbon dioxide emissions from fuel combustion activities, 2003 - 2006**

	Gg or thousand tonne							
	2003		2004		2005		2006 <sup>1</sup>	
	Quantity	%	Quantity	%	Quantity	%	Quantity	%
Energy industries (electricity)	1,418.3	51.0	1,430.5	51.2	1,615.2	53.9	1,912.5	57.1
Manufacturing industries	386.4	13.9	362.3	13.0	346.3	11.6	404.9	12.1
Transport	793.2	28.5	807.1	28.9	833.7	27.8	843.7	25.2
Residential	145.9	5.2	154.2	5.5	158.5	5.3	136.7	4.1
Other <sup>2</sup>	37.3	1.3	39.7	1.4	40.3	1.3	49.0	1.5
<b>Total</b>	<b>2,781.1</b>	<b>100.0</b>	<b>2,793.8</b>	<b>100.0</b>	<b>2,994.0</b>	<b>100.0</b>	<b>3,346.8</b>	<b>100.0</b>

<sup>1</sup> Provisional<sup>2</sup> includes Agriculture and Trade







**Table 3.8 - National inventory of greenhouse gases by source categories, 2005 - 2006 <sup>1</sup>**

Gg or thousand tonne

Category	Carbon dioxide(CO <sub>2</sub> )				Methane (CH <sub>4</sub> )		Nitrous oxide (N <sub>2</sub> O)		Oxides of nitrogen (NO <sub>x</sub> )		Carbon monoxide (CO)		NMVOC <sup>2</sup>		Sulphur dioxide (SO <sub>2</sub> )	
	Emissions		Removals		2005	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006
	2005	2006	2005	2006												
1. Energy	2,994.0	3,346.8	-	-	0.6	0.6	0.1	0.1	15.4	16.6	66.4	64.8	8.6	8.5	33.0	33.0
Fuel combustion activities																
<i>(a) Energy industries (electricity)</i>	1,615.2	1,912.5	-	-	0.3	0.3	0.1	0.1	5.6	6.6	8.8	8.7	0.5	0.5	24.9	24.4
<i>(b) Manufacturing industries</i>	346.3	404.9	-	-	0.1	0.1	0.0	0.0	1.3	1.5	15.6	15.1	0.2	0.2	6.4	6.4
<i>(c) Transport</i>	833.7	843.7	-	-	0.1	0.1	-	-	8.3	8.4	40.4	39.4	7.7	7.5	2.0	2.0
<i>(d) Other sectors</i>	198.8	185.7	-	-	-	-	-	-	0.2	0.2	1.6	1.6	0.2	0.2	0.1	0.2
2. Industrial processes	2.0	2.1	-	-	-	-	-	-	-	-	-	-	9.7	9.2	-	-
3. Solvent and other product use	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Agriculture	-	-	-	-	1.1	1.1	1.2	1.2	-	-	-	-	-	-	-	-
5. Land use change and forestry	-	-	223.7	193.2	-	-	-	-	-	-	-	-	-	-	-	-
6. Waste	-	-	-	-	10.8	11.3	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>2,996.0</b>	<b>3,349.0</b>	<b>223.7</b>	<b>193.2</b>	<b>12.5</b>	<b>13.0</b>	<b>1.3</b>	<b>1.3</b>	<b>15.4</b>	<b>16.6</b>	<b>66.4</b>	<b>64.8</b>	<b>18.3</b>	<b>17.7</b>	<b>33.0</b>	<b>33.0</b>

<sup>1</sup> Provisional

<sup>2</sup> Non - methane volatile organic compound



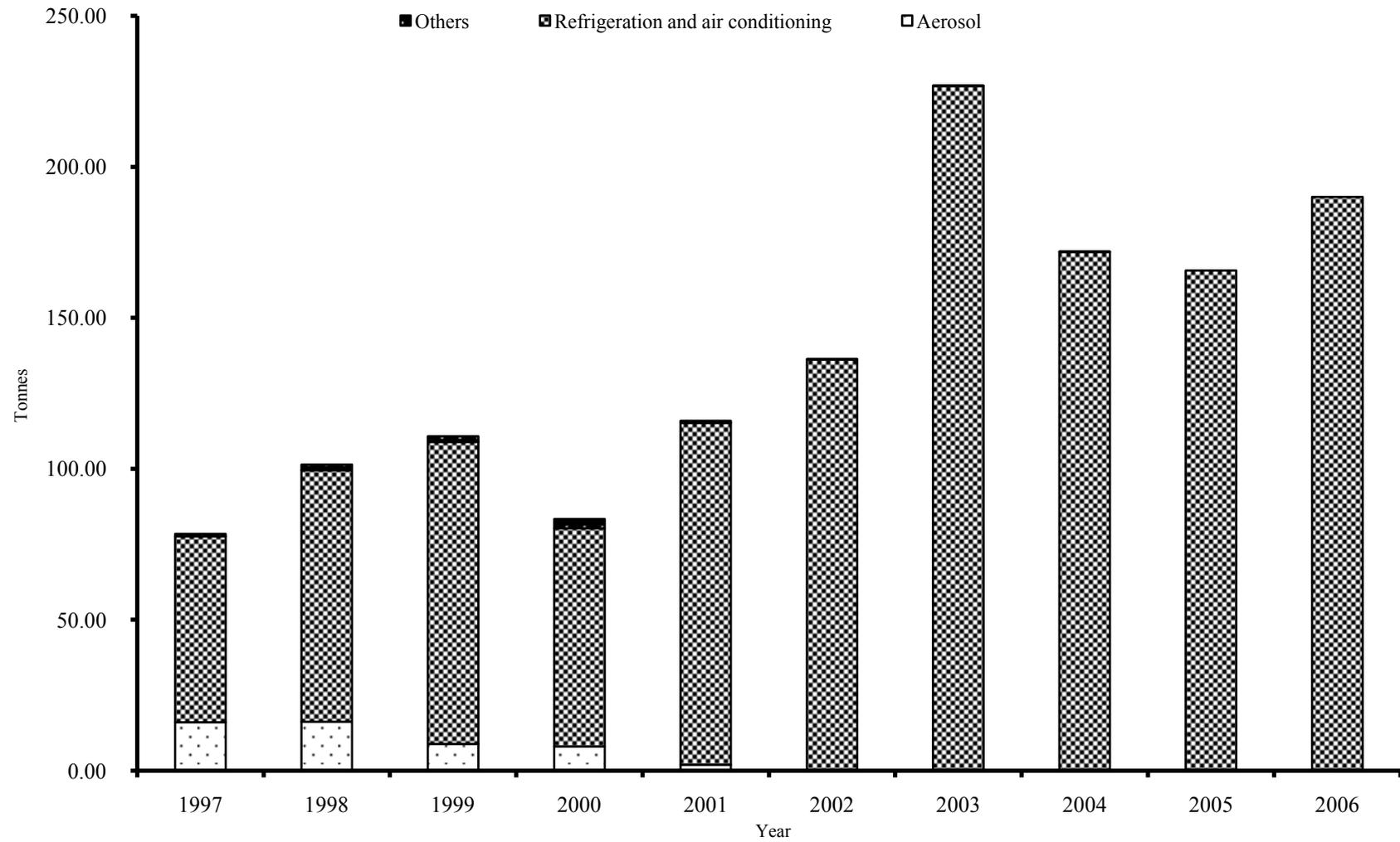
**Table 3.9 - Consumption of controlled ozone-depleting substances by sector, 1997 - 2006**

Metric tonnes

Sector	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Aerosol	16.00	16.19	8.90	8.00	2.00	-	-	-	-	-
Foam	0.16	-	0.06	...	...	-	-	-	-	-
Process agent	-	-	-	-	-	-	-	-	0.03	-
Refrigeration and air conditioning	61.58	83.33	99.98	72.22	113.20	136.30	226.80	171.85	165.64	190.03
Solvent	0.04	1.12	1.09	3.15	0.01	0.02	0.03	0.02	-	-
Methyl bromide use	0.60	0.70	0.70	...	0.70	-	-	-	-	-
Tobacco fluffing	0.04	-	-	...	...	-	-	-	-	-
Total	78.42	101.34	110.73	83.37	115.91	136.32	226.83	171.87	165.67	190.03

Source : Ministry of Environment and National Development Unit.

**Fig. 9 - Consumption of controlled ozone-depleting substances by sector, 1997 - 2006**

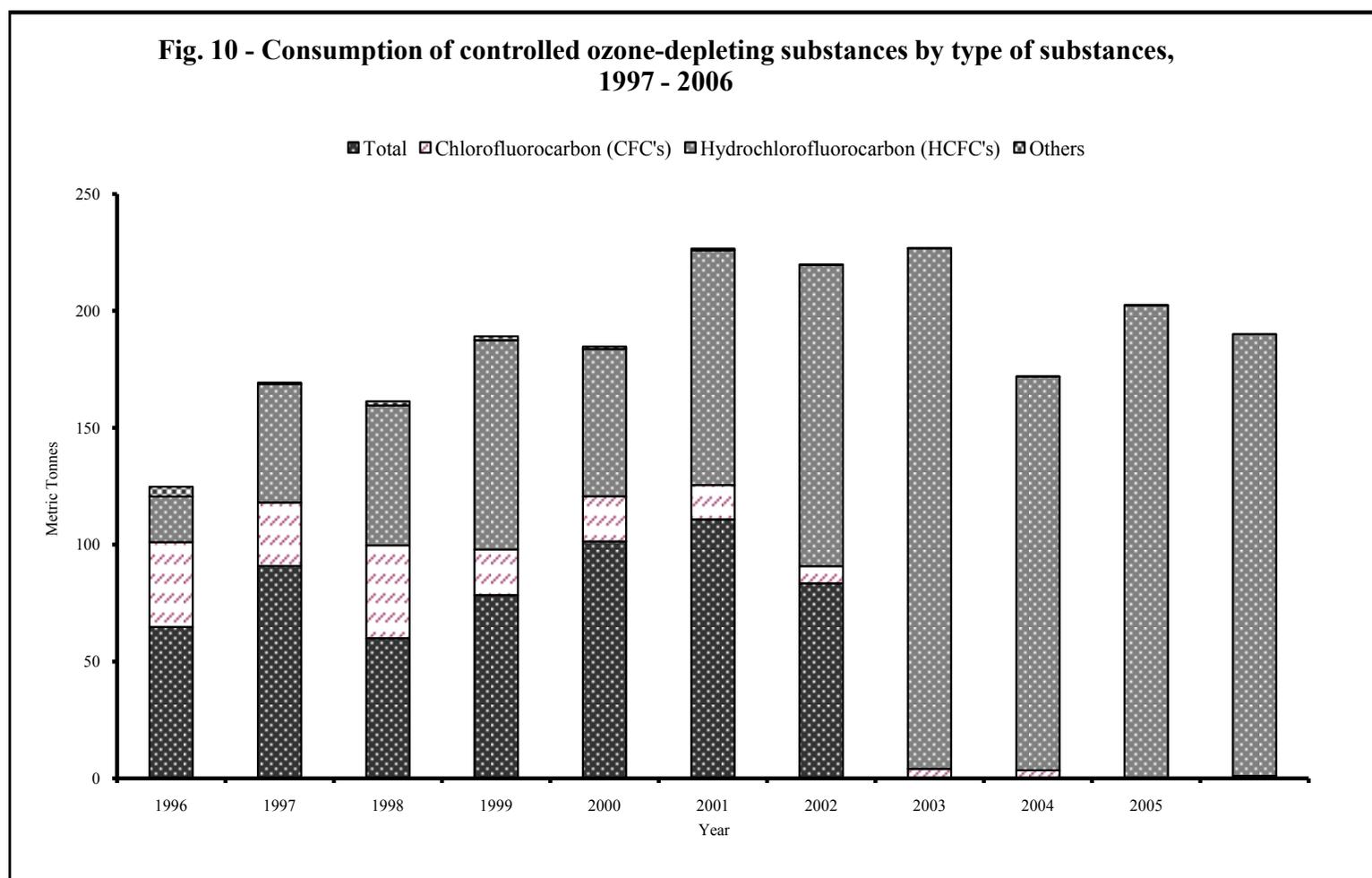


**Table 3.10 - Consumption of controlled ozone-depleting substances by type of substances, 1997 - 2006**

Metric Tonnes

Type of substances	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Chlorofluorocarbon (CFC's)	27.12	39.69	19.47	19.26	14.71	7.40	4.07	3.40	-	-
Carbon tetrachloride	0.01	0.02	0.01	0.01	0.01	0.02	0.03	0.02	0.03	-
Methyl chloroform	0.03	1.10	1.01	1.10	-	-	-	-	-	-
Hydrochlorofluorocarbon (HCFC's)	50.66	59.83	89.54	63.00	100.49	128.90	222.73	168.45	165.64	189.03
Methyl bromide	0.60	0.70	0.70	...	0.70	-	-	-	-	-
Total	78.42	101.34	110.73	83.37	115.91	136.32	226.83	171.87	165.67	189.03

Source : Ministry of Environment and National Development Unit.



**Table 3.11 - Health services (as at 31st December) Republic of Mauritius, 1997 - 2006**

	Number									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Hospitals										
Regional hospitals	4	5	5	5	5	5	5	5	5	5
District hospitals	5	4	4	4	4	3	3	3	3	3
Specialised hospitals (Psychiatric, chest, eye and E N T ) <sup>1</sup>	4	4	4	4	4	4	4	4	4	4
Cardiac Centre	-	1	1	1	1	1	1	1	1	1
Mediclinics	-	2	2	2	2	2	2	2	2	2
Area health centres <sup>2</sup>	29	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 <sup>2</sup>	119	120	121	121	121	122	122	125	126	126
Family health service centres <sup>3</sup>	9	9	9	9	6	5	5	4	3	3
Dispensaries										
Private dispensaries on sugar estates	26	26	24	23	20	19	18	17	15	13
Mobile dispensaries	2	2	1	1	1	1	1	1	1	1
Clinics										
Dental (including oral surgery and orthodontics)	37	38	41	40	41	43	44	46	50	50
Social hygiene	1	1	1	1	1	1	1	1	1	1
Private	12	12	13	13	14	12	12	12	12	12
Public mobile	1	-	-	-	-	-	-	-	-	-
Public mobile dental	2	2	1	1	1	1	1	2	2	2
Health offices	14	14	14	14	14	14	14	14	14	14

<sup>1</sup> The ENT centre is administratively attached to Victoria Hospital

<sup>2</sup> Including Dr. Y. Cantin and Mahebourg Community Hospitals

<sup>3</sup> Centres providing maternal and child health and family planning services only

**Table 3.12 - Respiratory diseases registered in government hospitals, 1997 - 2006**

Detail	Number									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>Both sexes</b>										
General hospital discharges <sup>1</sup> ( including deaths )	9,749	10,637	12,473	12,021	9,788	10,442	10,218	9,992	9,759	11,151
First attendances <sup>1</sup> at regional health centres	278,699	316,559	364,556	406,752	382,557	397,457	396,485	367,672	381,406	376,375
Discharges ( including deaths ) at P D'Or chest hospital	340	394	448	488	412	530	489	495	449	468
New cases diagnosed at specialist clinics in chest diseases	1,097	1,167	1,393	1,667	1,753	1,330	842	981	1,143	1,025
<b>Male</b>										
General hospital discharges <sup>1</sup> ( including deaths )	5,066	5,614	6,408	6,255	5,088	5,337	5,335	4,984	4,914	5,783
First attendances <sup>1</sup> at regional health centres	131,228	151,076	175,504	197,363	184,994	193,393	190,477	178,608	183,640	181,462
Discharges ( including deaths ) at P D'Or chest hospital	244	259	319	352	289	391	350	354	332	332
New cases diagnosed at specialist clinics in chest diseases	673	715	841	955	962	766	447	522	546	547
<b>Female</b>										
General hospital discharges <sup>1</sup> ( including deaths )	4,683	5,023	6,065	5,766	4,700	5,105	4,883	5,008	4,845	5,348
First attendances <sup>1</sup> at regional health centres	147,471	165,483	189,052	209,389	197,563	204,064	206,008	189,064	197,766	194,913
Discharges ( including deaths ) at P D'Or chest hospital	96	135	129	136	123	139	139	141	117	136
New cases diagnosed at specialist clinics in chest diseases	424	452	552	712	791	564	395	459	597	478

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

<sup>1</sup> due to diseases of the respiratory system

**Table 3.13 - Cases of asthma treated as in-patients in government hospitals, 1997 - 2006**

Year	In-Patients		
	Male	Female	Total
1997	1726	1787	3,513
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	1,606	1,569	3,175

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

**Table 3.14 - Deaths registered due to asthma, 1997 - 2006**

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	91	56	147

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, 2005 - 2006**

Age group ( years )	Number of cases					
	Male		Female		Total	
	2005	2006	2005	2006	2005	2006
Less than one year	15	19	13	6	28	25
1 - 4	190	229	118	147	308	376
5 - 9	154	186	109	102	263	288
10 - 14	82	82	46	53	128	135
15 - 19	29	30	43	46	72	76
20 - 24	24	36	35	42	59	78
25 - 29	34	45	40	39	74	84
30 - 34	23	36	50	50	73	86
35 - 39	46	39	50	59	96	98
40 - 44	44	47	72	69	116	116
45 - 49	75	68	108	79	183	147
50 - 54	105	101	132	125	237	226
55 - 59	132	103	134	132	266	235
60 - 64	103	102	132	108	235	210
65 - 69	112	112	152	124	264	236
70 - 74	100	113	138	142	238	255
75 - 79	141	140	141	133	282	273
80 - 84	64	80	91	67	155	147
85 and over	34	38	64	46	98	84
Total	1,507	1,606	1,668	1,569	3175	3175

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

**Table 3.16 - Deaths registered due to asthma by age group and sex, 2005 - 2006**

Age group ( years )	Number of cases					
	Male		Female		Total	
	2005	2006	2005	2006	2005	2006
Less than one year	0	0	0	0	0	0
1 - 4	1	1	0	1	1	2
5 - 9	0	0	0	0	0	0
10 - 14	1	0	0	0	1	0
15 - 19	3	0	0	0	3	0
20 - 24	1	0	0	0	1	0
25 - 29	1	1	1	0	2	1
30 - 34	0	0	0	0	0	0
35 - 39	1	2	4	0	5	2
40 - 44	4	2	1	0	5	2
45 - 49	1	3	4	4	5	7
50 - 54	2	4	2	2	4	6
55 - 59	8	4	7	1	15	5
60 - 64	9	6	5	2	14	8
65 - 69	9	10	5	6	14	16
70 - 74	17	11	7	6	24	17
75 - 79	20	15	12	9	32	24
80 - 84	9	14	13	14	22	28
85 and over	16	18	15	11	31	29
Total	103	91	76	56	179	147

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

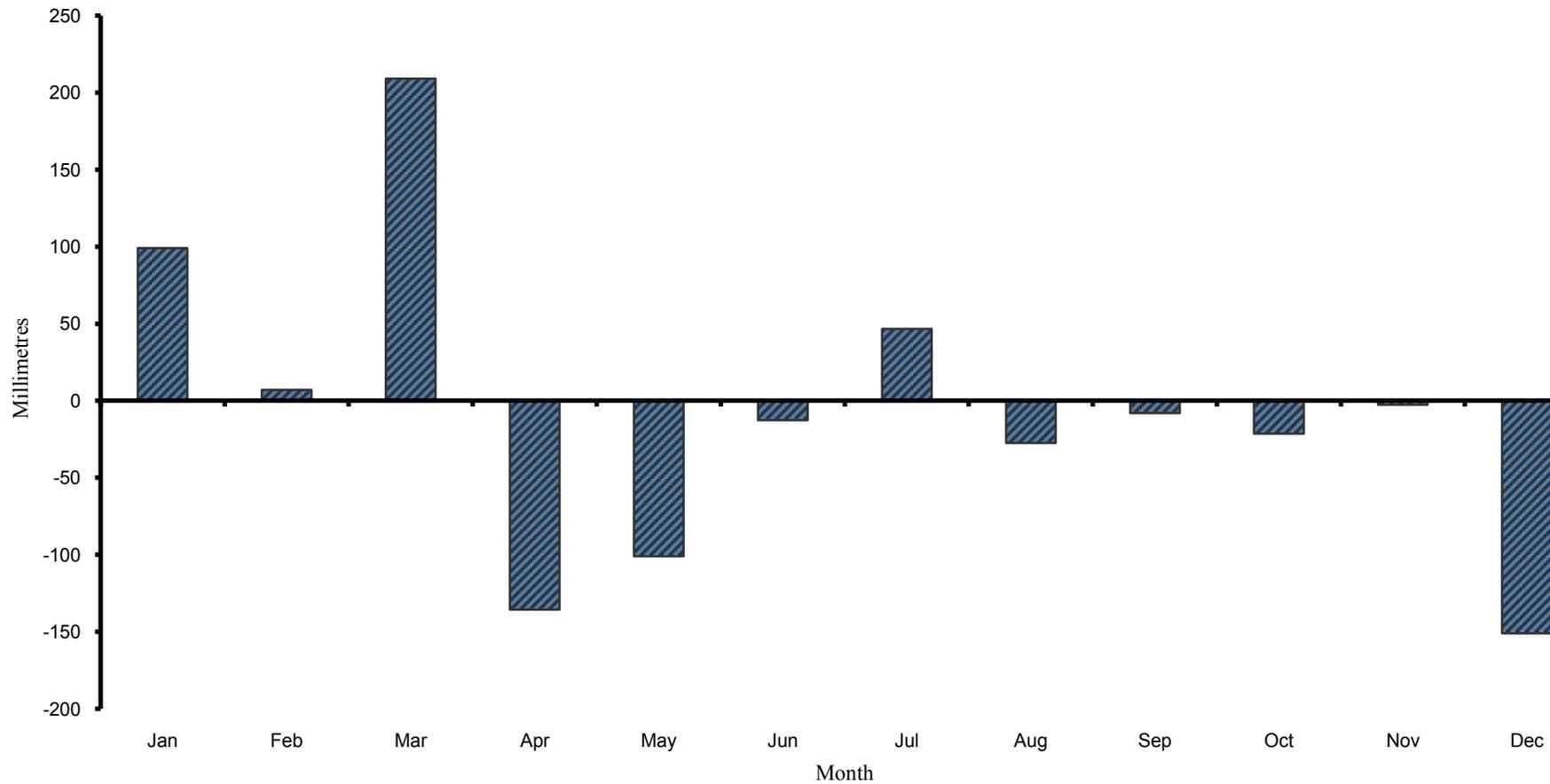


**Table 4.1 - Monthly rainfall, averaged over all sugar zones, 1997 - 2006**

Millimetres

YEAR		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
MONTH											
<b>January</b>	Mean	264.1	144.4	53.9	393.5	278.6	573.1	118.4	416.2	139.0	352.9
	<i>Difference from Normal</i>	- 13.6	- 132.9	- 223.3	+ 115.3	+ 0.3	+ 295.0	- 159.7	+ 162.4	-114.9	+99.0
<b>February</b>	Mean	157.4	592.2	168.7	313.4	205.1	99.0	331.3	305.1	401.3	331.5
	<i>Difference from Normal</i>	- 139.4	+ 295.4	- 128.1	+ 15.7	-92.7	-198.7	+ 33.5	-19.5	+ 76.8	+6.9
<b>March</b>	Mean	78.3	162.8	125.5	166.2	155.8	224.0	207.3	211.7	688.7	434.4
	<i>Difference from Normal</i>	- 163.8	- 79.4	- 116.5	- 76.9	-87.3	-19.1	- 36.0	-15.3	+ 463.3	+209.0
<b>April</b>	Mean	284.1	115.0	79.0	186.1	329.9	135.4	444.8	282.6	115.5	85.4
	<i>Difference from Normal</i>	+ 57.3	- 111.7	- 147.7	- 41.7	102.0	-92.5	+ 216.8	+61.6	-105.4	-135.6
<b>May</b>	Mean	188.4	162.6	70.0	95.8	95.3	141.1	191.0	161.1	109.1	52.8
	<i>Difference from Normal</i>	+ 38.3	+ 10.3	- 80.2	- 56.5	-55.9	-10.1	+ 39.8	+7.3	-44.6	-101.0
<b>June</b>	Mean	107.5	62.7	83.5	105.1	79.1	127.6	117.4	111.2	134.3	95.4
	<i>Difference from Normal</i>	- 9.7	- 54.4	- 33.7	- 12.7	-38.7	+ 9.9	- 1.4	+3.2	+26.3	-12.6
<b>July</b>	Mean	119.5	141.0	152.5	117.1	93.3	139.9	175.2	85.6	158.0	156.4
	<i>Difference from Normal</i>	+ 0.2	+ 20.7	+ 33.2	- 3.1	-26.9	+19.7	+55.0	- 24.2	+48.2	+46.6
<b>August</b>	Mean	62.7	85.7	96.5	149.2	74.1	111.9	92.4	39.8	91.7	81.2
	<i>Difference from Normal</i>	- 45.7	- 22.7	- 9.6	+ 40.2	-35.1	+ 2.8	- 16.7	- 69.0	-17.1	-27.5
<b>September</b>	Mean	83.7	78.9	82.9	43.7	71.9	37.1	130.4	118.2	207.6	63.1
	<i>Difference from Normal</i>	+ 8.9	+ 4.1	+ 8.1	- 31.6	-3.4	-38.2	+55.0	+47.1	+136.6	-8.0
<b>October</b>	Mean	65.8	62.5	40.7	71.3	83.8	60.4	29.7	29.5	55.8	51.1
	<i>Difference from Normal</i>	- 6.9	- 10.2	- 32.0	- 1.9	10.7	-12.8	- 43.5	- 42.9	-16.7	-21.4
<b>November</b>	Mean	57.4	31.3	29.1	81.5	33.2	34.4	81.1	124.8	38.3	76.7
	<i>Difference from Normal</i>	- 36.3	- 62.4	- 59.8	- 12.9	-61.1	-60.0	+ 1.8	+ 45.5	-41.1	-2.7
<b>December</b>	Mean	220.8	37.7	120.1	75.2	153.3	222.4	54.0	168.8	69.5	42.2
	<i>Difference from Normal</i>	+ 6.2	- 179.4	- 95.5	- 140.4	-62.3	+ 6.8	- 139.1	- 24.3	- 123.6	-151.0
<b>Total Year</b>	Mean	1,689.7	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
	<i>Difference from Normal</i>	-304.5	-322.6	-885.1	-206.5	-350.4	-97.2	+ 5.5	+ 5.5	+ 287.8	-98.3

**Fig 11 - Rainfall difference from normal, 2006**



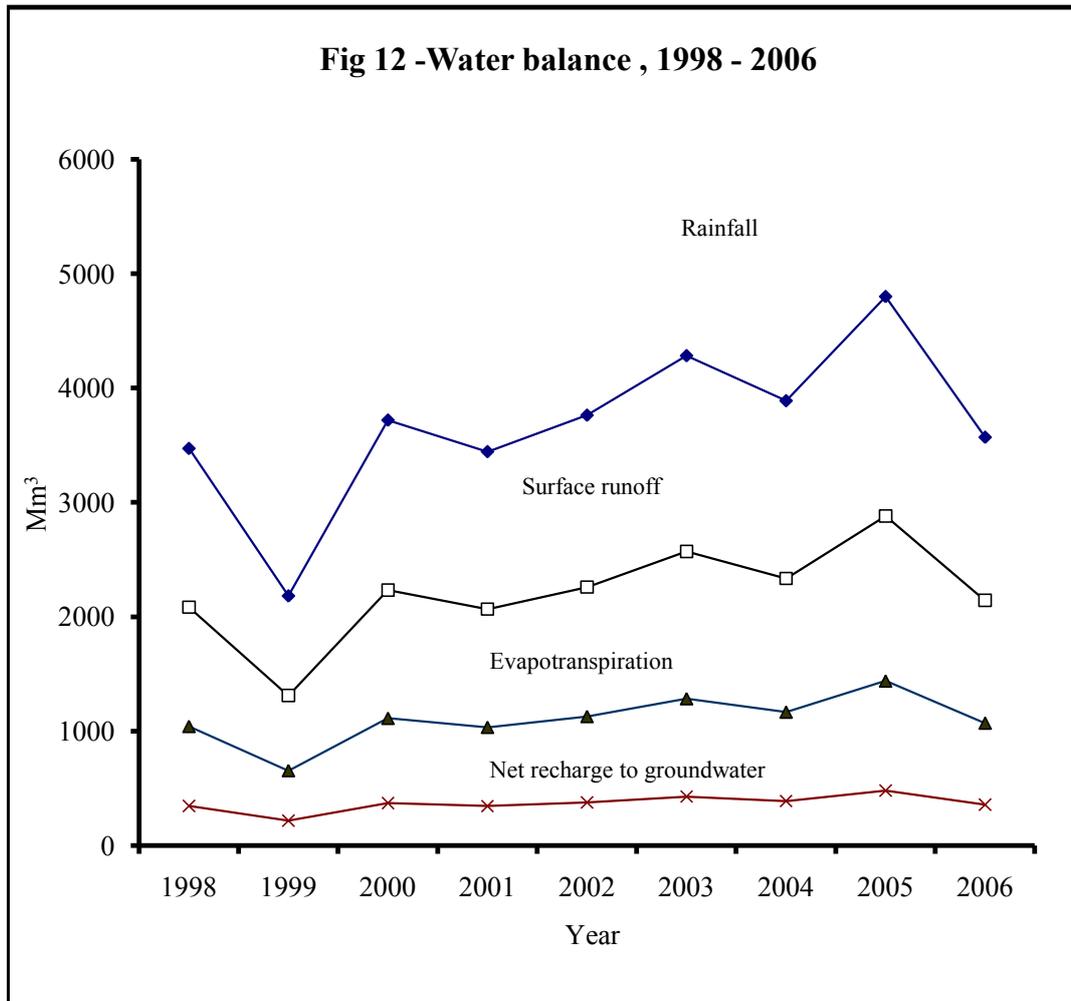
**Table 4.2 - Yearly rainfall by region, 1997 - 2006**

Millimetres

		YEAR									
		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
REGION											
North	Mean	1,045.2	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
	<i>Difference from Normal</i>	- 366.3	- 330.7	- 808.6	- 366.7	-390.6	-370.2	-178.8	+ 45.8	+ 89.8	+50.6
South	Mean	2,160.8	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
	<i>Difference from Normal</i>	- 213.1	- 231.8	- 1030.3	- 318.8	-250.4	-60.4	-56.3	-31.2	+ 279.1	-243.5
East	Mean	2,116.0	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
	<i>Difference from Normal</i>	- 291.7	- 366.3	- 87.3	- 20.6	-423.9	-113.8	+ 259.5	+ 379.5	+ 292.7	-87.2
West	Mean	669.2	628.6	404.7	908.4	799.3	1,357.7	978.3	949.3	1,097.8	750.8
	<i>Difference from Normal</i>	- 219.1	- 259.9	- 484.1	+ 202.2	-89.5	+ 468.9	+ 119.5	+ 120.7	+ 269.3	-77.7
Centre	Mean	1,599.4	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
	<i>Difference from Normal</i>	- 512.7	- 507.8	- 966.6	- 115.9	-576.2	+ 6.7	-61.4	+ 238.5	+ 99.5	-36.3
Island	Mean	1,689.7	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
	<i>Difference from Normal</i>	- 304.5	- 322.6	- 885.1	- 206.5	-350.4	+97.5	+ 5.8	+ 131.9	+ 286.8	-98.3

**Table 4.3 - Water balance , 1998 - 2006**

	1998	1999	2000	2001	2002	2003	2004	2005	2006
Rainfall	3,473	2,184	3,721	3,445	3,764	4,284	3,890	4,801	3,571
Surface runoff	2,084	1,311	2,233	2,067	2,259	2,571	2,334	2,881	2,143
Evapotranspiration	1,042	655	1,116	1,034	1,129	1,285	1,167	1,440	1,071
Net recharge to groundwater	347	218	372	345	376	428	389	480	357





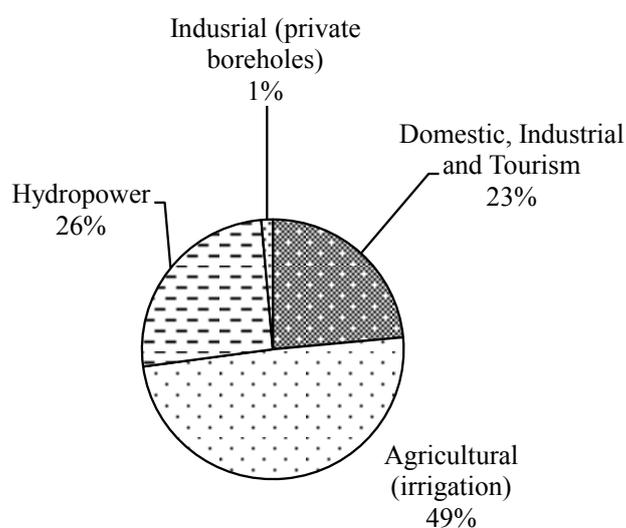


**Table 4.4 - Water utilisation, 2006.**

Million cubic metres

Use	Surface water		Ground water	Total
	River-run offtakes	Storage		
Domestic, Industrial and Tourism	35 <sup>1</sup>	65	116	216
Industrial (private boreholes )	-	-	13	13
Agricultural (irrigation)	347	81 <sup>2</sup>	25	453
Hydropower	113	123 <sup>3</sup>	-	236
Total	495	269	154	918

Source: Water Resources Unit, Ministry of Public Utilities

<sup>1</sup> includes 22 Mm<sup>3</sup> for Reduit Hydro Power Station<sup>2</sup> includes 29 Mm<sup>3</sup> for Tamarind Falls and Magenta Hydropower Stations<sup>3</sup> includes 10 Mm<sup>3</sup> used twice for Le Val and Ferney Hydropower Stations and 17 Mm<sup>3</sup> for Tamarind Falls and Magenta**Fig. 13 - Water utilisation, 2006**

**Table 4.5 - Fresh water abstractions<sup>1</sup> by source, 1997 - 2006<sup>2</sup>**

Million cubic metres

Source	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Surface water	506	508	405	532	532	578	577	575	541	528
<i>Reservoirs</i>	<i>115</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>Rivers and streams</i>	<i>391</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>
Ground water	114	131	111	145	145	148	148	150	150	154
Total	620	639	516	677	677	726	725	725	691	682

Source: Water Resources Unit, Ministry of Public Utilities

<sup>1</sup> for agricultural, domestic and industrial purposes.

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

**Table 4.5 Con't - Fresh water abstractions<sup>1</sup> by water supply industry, 2000 - 2006<sup>2</sup>**

Million cubic metres

Source	2000	2001	2002	2003	2004	2005	2006
<b>Gross surface water abstraction</b>	<b>532</b>	<b>532</b>	<b>578</b>	<b>577</b>	<b>575</b>	<b>541</b>	<b>528</b>
<i>Surface water abstraction</i>	<i>86</i>	<i>86</i>	<i>88</i>	<i>110</i>	<i>110</i>	<i>99</i>	<i>99</i>
<i>Agriculture, forestry and fishing</i>	<i>446</i>	<i>446</i>	<i>490</i>	<i>467</i>	<i>465</i>	<i>442</i>	<i>429</i>
<b>Gross ground water abstraction</b>	<b>145</b>	<b>145</b>	<b>148</b>	<b>148</b>	<b>150</b>	<b>150</b>	<b>154</b>
<i>Ground water abstraction</i>	<i>113</i>	<i>113</i>	<i>114</i>	<i>114</i>	<i>114</i>	<i>115</i>	<i>119</i>
<i>Agriculture, forestry and fishing</i>	<i>22</i>	<i>22</i>	<i>24</i>	<i>24</i>	<i>25</i>	<i>24</i>	<i>24</i>
<i>Manufacturing</i>	<i>10</i>	<i>10</i>	<i>10</i>	<i>10</i>	<i>11</i>	<i>11</i>	<i>11</i>
<b>Total</b>	<b>677</b>	<b>677</b>	<b>726</b>	<b>725</b>	<b>725</b>	<b>691</b>	<b>682</b>

Source: Water Resources Unit, Ministry of Public Utilities

<sup>1</sup> for agricultural, domestic and industrial purposes.

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

**Table 4.6 - Characteristics of major reservoirs**

<div style="text-align: center;">Name of reservoir</div> <div style="text-align: left;">Characteristics</div>	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 <sup>3</sup> )	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) <sup>1</sup>	566.35	249.02	438.00	576.91	146.00	492.36	355.00	241.00	395.00
Maximum water spread area ( km <sup>2</sup> )	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

<sup>1</sup> 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 <sup>1</sup>	25.9
Mare Longue	6.3
La Ferme <sup>1</sup>	11.5
Piton du Milieu <sup>1</sup>	3.0
La Nicoliere <sup>1</sup>	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

<sup>1</sup> Based on hydrographic survey of 1997

**Table 4.8 - Percentage water level by month and reservoir - 2006**

Month	Mare aux Vacoas			La Nicoliere			Piton du Milieu			La Ferme			Mare Longue			Midlands Dam			All reservoirs (excl Midlands Dam)				
	Capacity																						
	25.89 Mm <sup>3</sup>			5.26 Mm <sup>3</sup>			2.99 Mm <sup>3</sup>			11.52 Mm <sup>3</sup>			6.28 Mm <sup>3</sup>			25.5 Mm <sup>3</sup>			51.94 Mm <sup>3</sup>				
	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>Jan</b>	72	69	77	64	44	77	75	56	99	50	43	56	9	0	17	65	59	76	59	52	65		
<b>Feb</b>	74	69	79	92	80	100	99	95	100	62	55	80	22	14	33	86	76	100	68	62	77		
<b>Mar</b>	92	79	96	100	100	100	100	99	100	97	80	100	57	32	71	100	100	100	90	77	94		
<b>Apr</b>	92	89	96	99	87	100	96	92	99	100	99	100	70	62	74	100	100	100	92	88	94		
<b>May</b>	82	76	88	66	55	87	81	72	91	92	86	98	49	37	61	97	91	100	79	72	87		
<b>Jun</b>	71	68	76	71	57	82	64	57	71	82	76	86	28	24	37	81	73	90	68	65	71		
<b>Jul</b>	71	67	77	58	40	79	61	54	76	71	69	76	33	25	45	79	74	88	64	60	71		
<b>Aug</b>	76	74	78	63	45	75	83	76	86	66	61	71	52	47	56	92	89	94	70	67	73		
<b>Sep</b>	71	68	74	31	23	46	88	86	89	57	52	61	59	56	60	95	90	97	63	60	67		
<b>Oct</b>	64	61	68	48	27	67	83	80	87	45	39	52	61	57	64	80	71	89	59	57	60		
<b>Nov</b>	59	57	61	68	63	72	79	74	82	33	29	39	52	47	56	66	63	70	55	52	57		
<b>Dec</b>	52	46	58	55	47	63	74	67	80	21	15	29	41	32	50	55	46	63	45	39	52		

**Table 4.9 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2006**

Mm<sup>3</sup>

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	3.4	0.5	3.9	-	0.5	0.5	1.8	0.8	2.7	1.6	2.0	3.6	0.8	1.4	2.2	0.8	1.4	2.2	8.5	6.5	15.0	57%	43%
Feb	3.1	0.5	3.5	-	0.5	0.5	1.8	0.8	2.6	1.5	1.5	3.0	0.7	1.2	1.9	0.8	1.4	2.2	7.8	5.8	13.6	57%	43%
Mar	3.5	0.5	4.0	-	0.5	0.5	1.2	1.8	2.9	1.6	1.6	3.2	0.8	1.3	2.1	0.8	1.6	2.4	7.9	5.3	13.2	52%	48%
Apr	3.4	0.5	3.9	-	0.5	0.5	1.9	0.8	2.7	1.6	1.6	3.2	0.8	1.3	2.1	0.8	1.5	2.3	8.5	6.1	14.6	58%	42%
May	3.4	0.5	3.8	-	0.5	0.5	2.0	0.7	2.7	1.6	2.0	3.6	0.8	1.3	2.1	0.8	1.5	2.3	8.5	6.5	15.0	57%	44%
Jun	3.0	0.5	3.5	-	2.2	2.2	1.8	0.8	2.7	1.6	1.9	3.5	0.7	1.3	2.0	0.8	1.5	2.3	8.0	8.2	16.2	50%	51%
Jul	3.0	0.5	3.6	-	2.4	2.4	1.9	0.8	2.8	1.6	2.0	3.6	0.8	1.3	2.1	0.8	1.5	2.3	8.1	8.6	16.7	48%	52%
Aug	2.9	0.5	3.4	-	2.3	2.3	1.9	0.8	2.7	1.5	2.1	3.6	0.8	1.4	2.2	0.7	1.6	2.3	7.8	8.6	16.4	47%	53%
Sep	2.7	0.5	3.2	-	2.2	2.2	1.8	0.8	2.6	1.5	2.0	3.5	0.8	1.4	2.1	0.7	1.5	2.2	7.5	8.3	15.8	48%	52%
Oct	2.9	0.5	3.3	-	2.2	2.2	1.8	0.7	2.6	1.8	2.0	3.8	0.8	1.4	2.2	0.7	1.7	2.4	8.0	8.5	16.5	49%	52%
Nov	2.6	0.4	3.1	-	2.1	2.1	1.6	0.7	2.3	2.0	1.9	3.8	0.8	1.4	2.1	0.6	1.7	2.3	7.5	8.2	15.7	48%	52%
Dec	2.9	0.4	3.3	-	2.1	2.1	1.5	0.8	2.2	2.2	1.8	4.0	0.8	1.4	2.2	0.7	1.6	2.3	8.0	8.1	16.1	50%	51%
Total year	36.8	5.8	42.6	-	17.8	17.8	21.0	10.4	31.4	20.2	22.3	42.4	9.3	16.0	25.2	8.8	18.5	27.3	96.0	90.8	186.8	51%	49%

**Table 4.10 - Water sales by type of tariff of subscribers , 2002 - 2006**

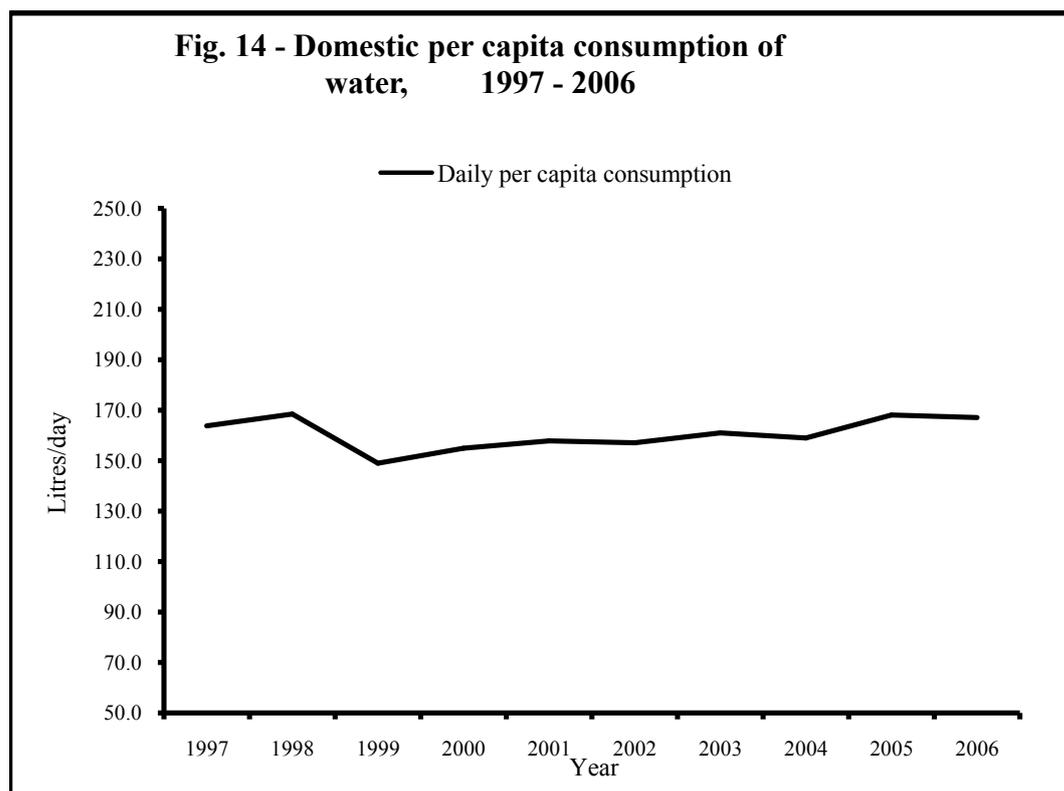
Type of tariff	2002		2003		2004		2005		2006	
	No. of subscribers	Volume ('000 m <sup>3</sup> )	No. of subscribers	Volume ('000 m <sup>3</sup> )	No. of subscribers	Volume ('000 m <sup>3</sup> )	No. of subscribers	Volume ('000 m <sup>3</sup> )	No. of subscribers	Volume ('000 m <sup>3</sup> )
Domestic	243,689	67,618	250,752	70,253	258,381	70,562	265,763	73,055	272,269	73,264
Commercial	9,233	5,186	9,455	5,573	9,638	5,653	9,823	5,790	10,102	5,971
Government	3,538	4,026	3,614	4,228	3,585	4,285	3,708	4,632	3,763	4,541
Agriculture and Livestock Producers	2,009	1,023	2,174	1,103	2,377	1,131	2,632	1,322	2,871	1,405
Industrial	766	4,727	762	4,988	746	4,775	741	4,770	736	4,710
Hotels , Guest houses	191	3,492	192	3,644	188	3,694	197	4,080	206	4,294
Acquired/concessionary prizes	48	21	48	23	47	20	45	19	45	17
Total Potable water	259,474	86,093	266,997	89,812	274,962	90,120	282,909	93,668	289,992	94,202
Total non - treated water	231	14,693	253	13,993	254	12,265	267	14,161	276	14,343
TOTAL	259,705	100,786	267,250	103,805	275,216	102,385	283,176	107,829	290,268	108,545

**Table 4.11 - Domestic per capita consumption of water <sup>1</sup>, 1997 - 2006**

Litres / day	
Year	Daily per capita consumption
1997	163.8
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

Source: Central Water Authority

<sup>1</sup> 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, 1997 - 2006**

Million cubic metres

<b>Power station</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Champagne	67	70	23	69	56	71	108	117	105	62
Ferney	106	111	39	102	80	81	119	117	116	79
Tamarind Falls	29	40	9	34	25	31	34	37	37	26
Le Val	14	15	1	16	4	9	15	17	14	10
Reduit	23	18	1	17	11	19	30	30	26	21
Cascade Cecile	20	22	8	19	16	19	21	14	8	7
Magenta	19	27	6	23	14	17	17	13	25	17
La Ferme	6	7	-	5	1	4	-	-	-	5
<b>Total</b>	<b>284</b>	<b>310</b>	<b>87</b>	<b>285</b>	<b>207</b>	<b>251</b>	<b>344</b>	<b>345</b>	<b>331</b>	<b>227</b>

Source: Central Electricity Board

**Table 4.13 - Guidelines for inland surface water<sup>1</sup> 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 <sup>2</sup>
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 <sub>2</sub> 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.

<sup>1</sup> Water of river, watercourse, stream, lake, pond, dam or reservoir.

<sup>2</sup> Lower limit at 25<sup>0</sup> C.

**Table 4.14 - River water quality by selected physico-chemical parameters for Grand River South East (GRSE) and Grand River North West (GRNW), Jan - Nov 2002**

Parameters	Unit	GRNW A	GRNW B	GRNW C	GRNW D	GRSE A	GRSE B	GRSE C	GRSE D
		Wooton	Cinq Arpents	Coromandel	GRNW Old Bridge	La Chartreuse	Kewal Nagar	La Nourrice	Beau Champ
Temperature	°C	19 - 22	19 - 25	20 - 26	21 - 28	19 - 24	21 - 28	22 - 26	22 - 28
pH		7.0 - 7.3	6.8 - 7.2	7.7 - 8.1	7.6 - 8.4	7.2 - 7.4	6.9 - 7.3	7.7 - 7.8	6.3 - 7.9
Conductivity	mS/cm	0.11 - 0.15	0.11 - 0.13	0.20 - 0.28	0.20 - 0.30	0.10 - 0.16	0.10 - 0.14	0.15 - 0.19	0.14 - 0.18
Total Dissolved Solids	g/l	0.05 - 0.08	0.05 - 0.07	0.10 - 0.14	0.10 - 0.15	0.05 - 0.08	0.05 - 0.07	0.07 - 0.10	0.07 - 0.09
Dissolved Oxygen	mg/l	7.0 - 8.2	6.1 - 8.4	7.0 - 8.7	6.9 - 9.0	6.6 - 8.5	5.5 - 8.1	7.4 - 8.4	6.7 - 8.8
Turbidity	NTU	0.5 - 2.9	1.6 - 4.6	0.6 - 3.6	0.4 - 2.9	1.3 - 6.2	2.5 - 22.0	1.5 - 4.1	1.4 - 14.0
Chemical Oxygen Demand	mg/l	5 - 95	3 - 30	3 - 40	3 - 38	1 - 20	2 - 19	4 - 99	3 - 21
Fluoride	mg/l	-	-	-	-	-	-	-	-
Chloride	mg/l	14.6 - 49.8	13.6 - 64.0	17.0 - 75.0	17.2 - 29.2	10.9 - 15.7	14.0 - 18.4	14.9 - 20.5	14.8 - 19.4
Nitrate (N)	mg/l	0.3 - 3.7	0.4 - 5.1	0.7 - 11.3	1.3 - 11.0	0.2 - 3.5	0.5 - 3.6	1.1 - 11.9	1.2 - 7.3
Phosphate(P)	mg/l	0.01 - 0.02	0.01 - 0.02	0.01 - 0.02	0.01 - 0.02	0.01 - 0.02	0.01 - 0.03	0.01 - 0.02	0.01 - 0.02
Sulphate	mg/l	0.5 - 8.2	0.8 - 6.2	7.7 - 19.6	7.9 - 16.8	0.8 - 4.9	1.1 - 4.2	0.8 - 4.6	1.1 - 4.7

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, 2006.**

Milligram per litre

Region	Chemical water quality parameter		
	Nitrate-Nitrogen (NO <sub>3</sub> <sup>-</sup> - N)	Phosphate (PO <sub>4</sub> <sup>3-</sup> )	Chemical Oxygen Demand (COD)
Ile aux Benitiers	< 0.1	< 0.01 - 0.02	< 0.1 - 0.4
Bel Ombre	< 0.1	< 0.01 - 0.02	< 0.1 - 0.3
Bambous Virieux	< 0.1	0.01 - 0.04	0.2 - 0.8
Trou D'Eau Douce	< 0.1	0.01 - 0.02	0.2 - 1.0
Anse la Raie	< 0.1	0.02 - 0.04	0.2 - 0.5
Trou aux Biches	< 0.1	0.01 - 0.08	0.1 - 0.4
Pointe aux Sables	< 0.1	0.01 - 0.06	0.2 - 0.6
Tombeau Bay	< 0.1	0.01 - 0.05	0.2 - 1.1
Port Louis Harbour	< 0.1	0.01 - 0.09	0.1 - 0.7

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

**Table 4.16 - Volume of wastewater treated by public treatment stations, 1997 - 2006**

Million cubic metres

Station	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Fort Victoria	5.10	5.10	5.20	5.20	5.30	5.30	8.10	5.06	5.20	7.84
Baie du Tombeau	4.70	4.70	4.75	4.80	4.85	4.85	8.26	8.27	8.27	8.40
Pailles TP <sup>1</sup>	0.08	0.08	0.08	0.08	0.08	0.08	0.11	0.12	0.18	0.07
B. Marchand <sup>1</sup>	0.18	0.18	0.18	0.18	0.18	0.18	0.26	0.27	0.19	0.17
Riviere du Rempart <sup>1</sup>	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Borstal <sup>1</sup>	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Pte aux Sables	1.32	1.33	1.33	1.34	1.34	1.34	1.34	1.34	1.34	4.07
St. Martin	8.12	8.14	8.16	8.18	8.20	8.20	10.89	13.10	13.88	14.93
Kennedy <sup>2</sup>	0.35	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	0.02	0.03
Vuillemin <sup>1</sup>	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.10
Flacq <sup>1</sup>	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.18	0.23	0.10
Dubreuil <sup>3</sup>	0.10	0.13	0.13	0.13	0.13	0.13	1.22	0.68	0.68	0.10
<b>Total</b>	<b>20.16</b>	<b>20.22</b>	<b>20.39</b>	<b>20.47</b>	<b>20.64</b>	<b>20.65</b>	<b>30.74</b>	<b>29.56</b>	<b>30.51</b>	<b>35.90</b>

Source : Wastewater Management Authority

<sup>1</sup> Serves CHA houses<sup>2</sup> Serves CHA houses and V. Hospital<sup>3</sup> Serves CHA + NHDC houses



**Table 4.17 - Water quality in coastal area - (Terre Rouge Rivulet Bird Sanctuary), 2000 - 2006**

Variable	Unit	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Chemical Oxygen Demand (COD)	mg O <sub>2</sub> /l	2.8	1.4	1.5	1.3	1.0	0.4	2.1	0.4	0.4	0.6
Total Phosphorus <sup>1</sup>	mg P/l	0.25	0.16	0.19	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Nitrogen <sup>2</sup>	mg N/l	0.3	0.1	0.2	0.1	0.1	0	0	0	0	0

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

<sup>1</sup> Data given are for the variable Phosphate

<sup>2</sup> Data given are for the variable Nitrate-nitrogen

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



**Table 4.18 - Certain notifiable diseases reported to sanitary authorities, 1997 - 2006**

Disease Year	Amoebiasis	Food Poisoning	Infective Hepatitis	Leptospirosis	Malaria		Schistosomiasis	Typhoid Fever	Total
					Indigenous	Imported			
1997	-	35	10	4	1	63	2	1	116
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

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

**Table 4.19 - Enteritis and other diarrhoeal diseases, 1997 - 2006**

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
	1997	440	815	433	1,856	3,544	2	-	2	20
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

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

**Table 4.20 - Sea transport<sup>1</sup>, 1997 - 2006**

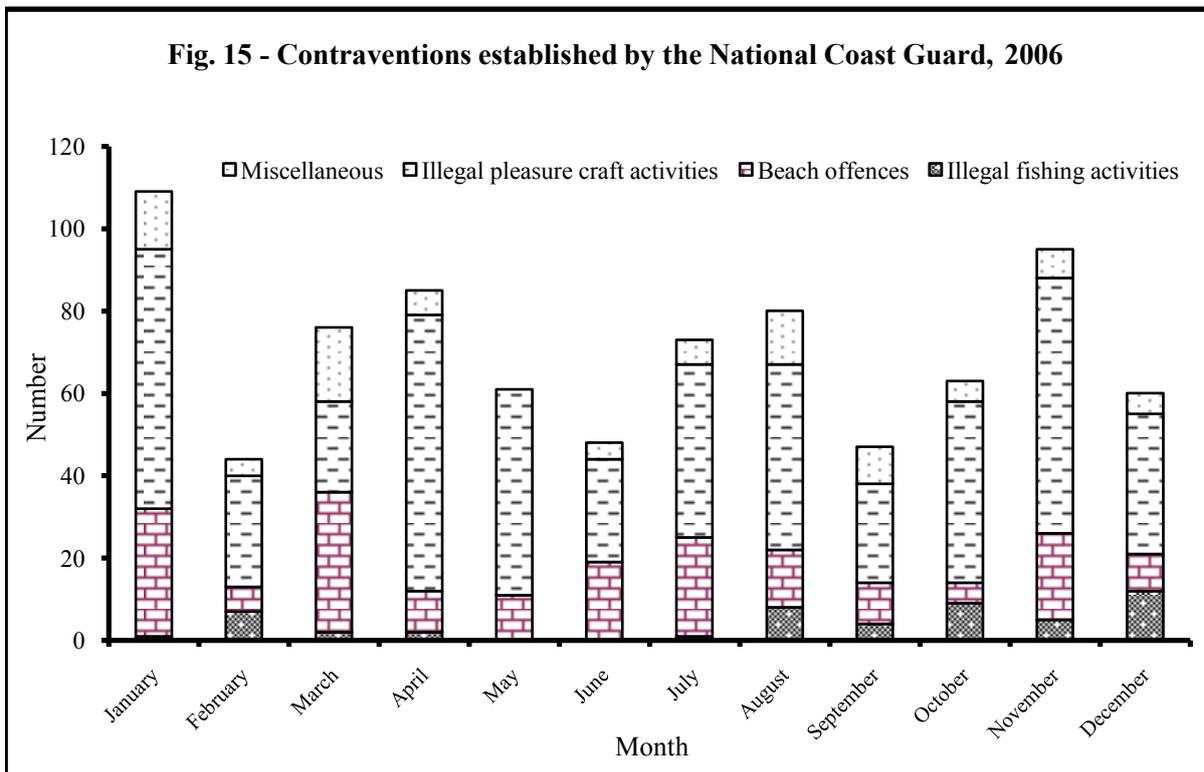
Period	Vessels entering		Vessels leaving		Goods	
	Number	Net registered tonnage (000t)	Number	Net registered tonnage (000t)	Unloaded (000t)	Loaded <sup>2</sup> (000t)
1997	1,481	5,485	1,436	5,263	2,902	950
1998	1,782	5,925	1,810	5,924	3,129	1,033
1999	1,665	6,725	1,676	6,129	3,355	1,198
2000	1,658	6,387	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

<sup>1</sup> exclude fishing vessels berthed in Port Louis only.<sup>2</sup> exclude bunkers.

Table 4.21 - Contraventions established by the National Coast Guard, 2006

Month	Illegal fishing activities	Beach offences	Illegal pleasure craft activities	Miscellaneous	Total
January	1	31	63	14	109
February	7	6	27	4	44
March	2	34	22	18	76
April	2	10	67	6	85
May	-	11	50	-	61
June	-	19	25	4	48
July	1	24	42	6	73
August	8	14	45	13	80
September	4	10	24	9	47
October	9	5	44	5	63
November	5	21	62	7	95
December	12	9	34	5	60
Total	51	194	505	91	841

Source: Police Department



**Table 4.22 - Mean sea surface temperature around the Island of Mauritius, 1997 - 2006**

Degrees celcius

	January	February	March	April	May	June	July	August	September	October	November	December	Average for the year
1997 Mean	25.8	26.9	27.7	26.4	25.0	24.3	22.8	23.7	23.6	23.2	23.9	26.3	25.0
<i>Difference from Normal</i>	<i>1.6</i>	<i>0.8</i>	<i>0.1</i>	<i>0.7</i>	<i>1.1</i>	<i>0.7</i>	<i>1.2</i>	<i>-0.2</i>	<i>-0.1</i>	<i>0.9</i>	<i>1.3</i>	<i>0.3</i>	
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>	<i>0.7</i>	<i>0.1</i>	<i>1.7</i>	<i>1.0</i>	<i>0.7</i>	<i>1.4</i>	<i>0.9</i>	<i>1.1</i>	<i>1.1</i>	<i>0.6</i>	<i>1.4</i>	<i>0.5</i>	
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>	<i>2.0</i>	<i>1.1</i>	<i>1.3</i>	<i>1.6</i>	<i>1.1</i>	<i>0.7</i>	<i>1.0</i>	<i>0.7</i>	<i>1.2</i>	<i>1.1</i>	<i>0.7</i>	<i>1.2</i>	
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>	<i>1.1</i>	<i>1.1</i>	<i>1.1</i>	<i>1.1</i>	<i>1.3</i>	<i>0.8</i>	<i>1.1</i>	<i>1.1</i>	<i>0.9</i>	<i>0.9</i>	<i>1.3</i>	<i>1.8</i>	
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>	<i>1.9</i>	<i>0.4</i>	<i>1.2</i>	<i>0.5</i>	<i>0.8</i>	<i>1.3</i>	<i>0.5</i>	<i>0.8</i>	<i>1.0</i>	<i>0.9</i>	<i>1.0</i>	<i>0.7</i>	
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>	<i>1.1</i>	<i>0.1</i>	<i>-0.3</i>	<i>0.8</i>	<i>-0.1</i>	<i>0.8</i>	<i>0.1</i>	<i>0.9</i>	<i>-0.5</i>	<i>-0.6</i>	<i>0.1</i>	<i>-0.6</i>	
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>	<i>-0.3</i>	<i>-0.4</i>	<i>-0.1</i>	<i>-0.1</i>	<i>-0.4</i>	<i>-0.4</i>	<i>0.1</i>	<i>0.4</i>	<i>0.1</i>	<i>0.2</i>	<i>-0.3</i>	<i>-0.1</i>	
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>	<i>0.5</i>	<i>-0.9</i>	<i>0.1</i>	<i>-0.6</i>	<i>-1.2</i>	<i>0.4</i>	<i>0.1</i>	<i>-0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>-0.1</i>	<i>0.1</i>	
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>	<i>-0.4</i>	<i>-0.9</i>	<i>-0.2</i>	<i>-0.3</i>	<i>-0.4</i>	<i>0.0</i>	<i>-0.1</i>	<i>-0.5</i>	<i>0.0</i>	<i>-0.8</i>	<i>0.3</i>	<i>0.3</i>	
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>	<i>-0.3</i>	<i>0.6</i>	<i>0.3</i>	<i>-0.4</i>	<i>-1.2</i>	<i>0.5</i>	<i>-0.1</i>	<i>0.0</i>	<i>-0.3</i>	<i>0.0</i>	<i>0.1</i>	<i>-0.1</i>	
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

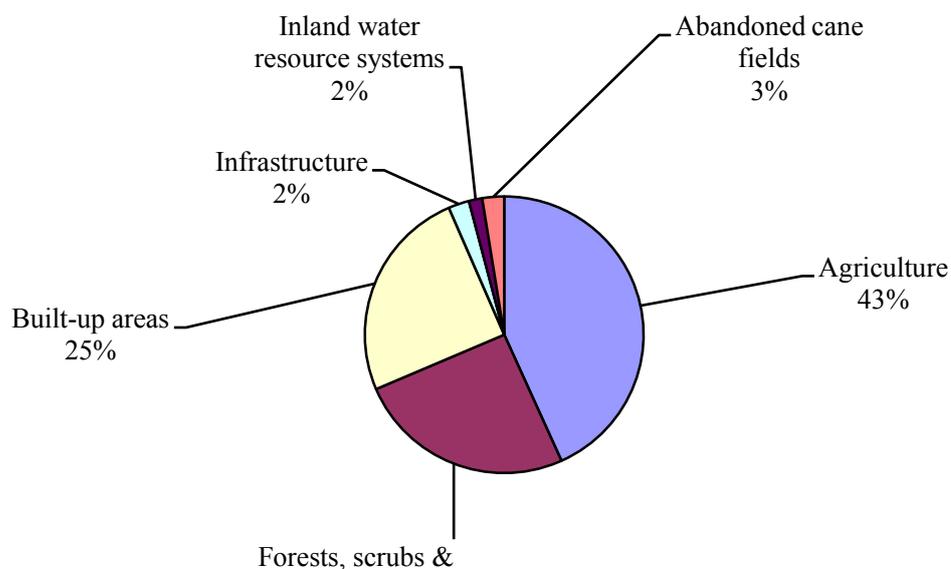
**Table 4.23 - Percentage distribution of households by type of water supply and other amenities available, Republic of Mauritius, 1990 and 2000 Housing Censuses.**

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

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

	2005 <sup>1</sup>		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
<b>Total agricultural land</b>	<b>80,674</b>		<b>86,500</b>		<b>-5,826</b>	
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		

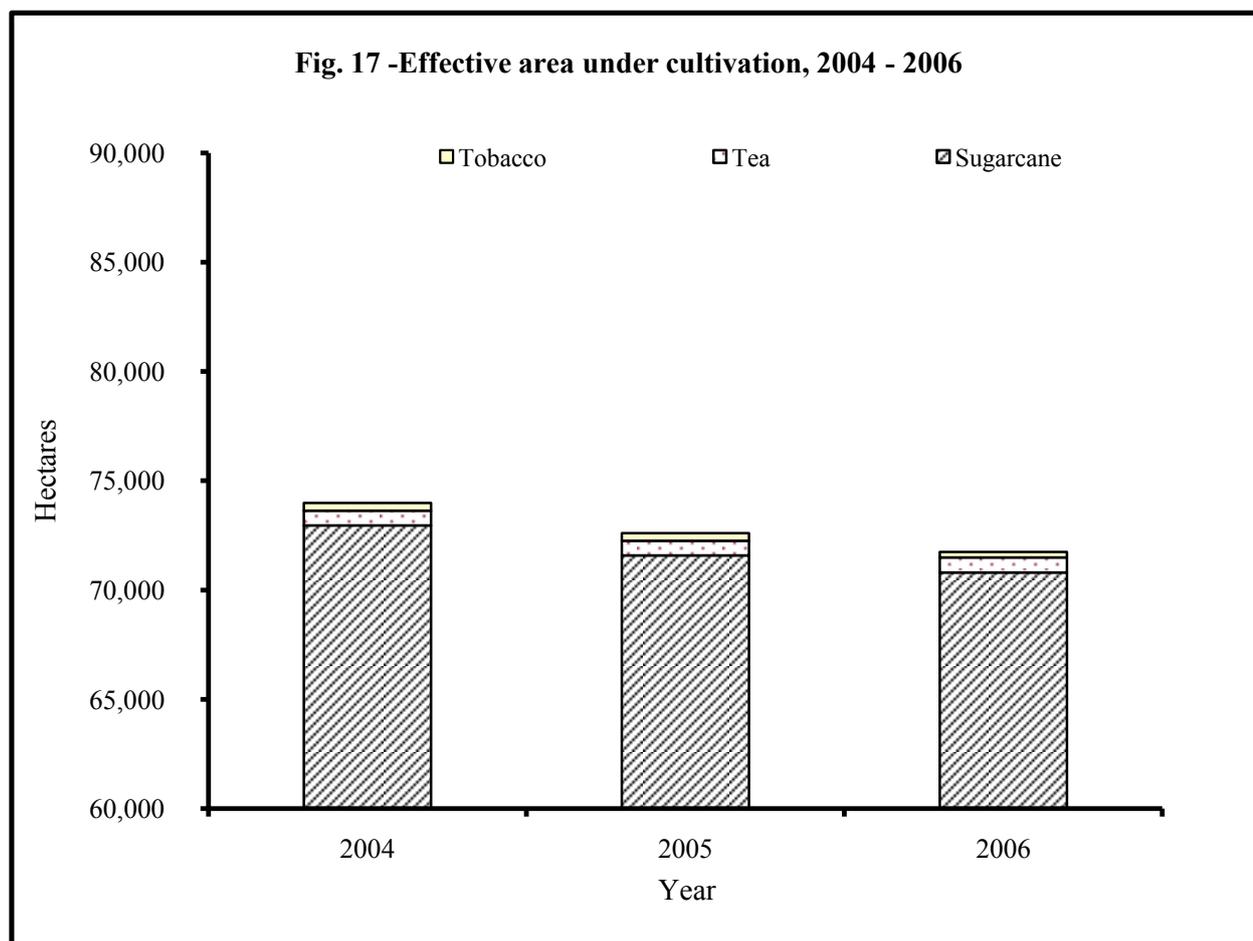
Source : Stocktaking and Stakeholders Consultation Climate Change Activities, May 2006

**Fig. 16 - Land use by category, 2005**

**Table 5.2 - Effective area under cultivation, 2004 - 2006**

Hectares

Crops	2004	2005	2006
Sugarcane	72,955	71,583	70,801
Tea	674	670	688
Tobacco	353	348	252

**Fig. 17 -Effective area under cultivation, 2004 - 2006**

**Table 5.3 - Road network, 1997 - 2006**

Year	Length of roads ( km )					% of roads paved	Density of total network in km per sq km <sup>1</sup>	Number of vehicles per km of road
	Motorways	Main roads	Secondary roads	Other roads	Total			
1997	31	902	582	390	1,905	95	1.02	111
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

<sup>1</sup> 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, 1997 - 2006**

Year	Severity of accident				
	Fatal <sup>1</sup>	Serious	Slight	No injury	Total
1997	132	184	2,563	13,075	15,954
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

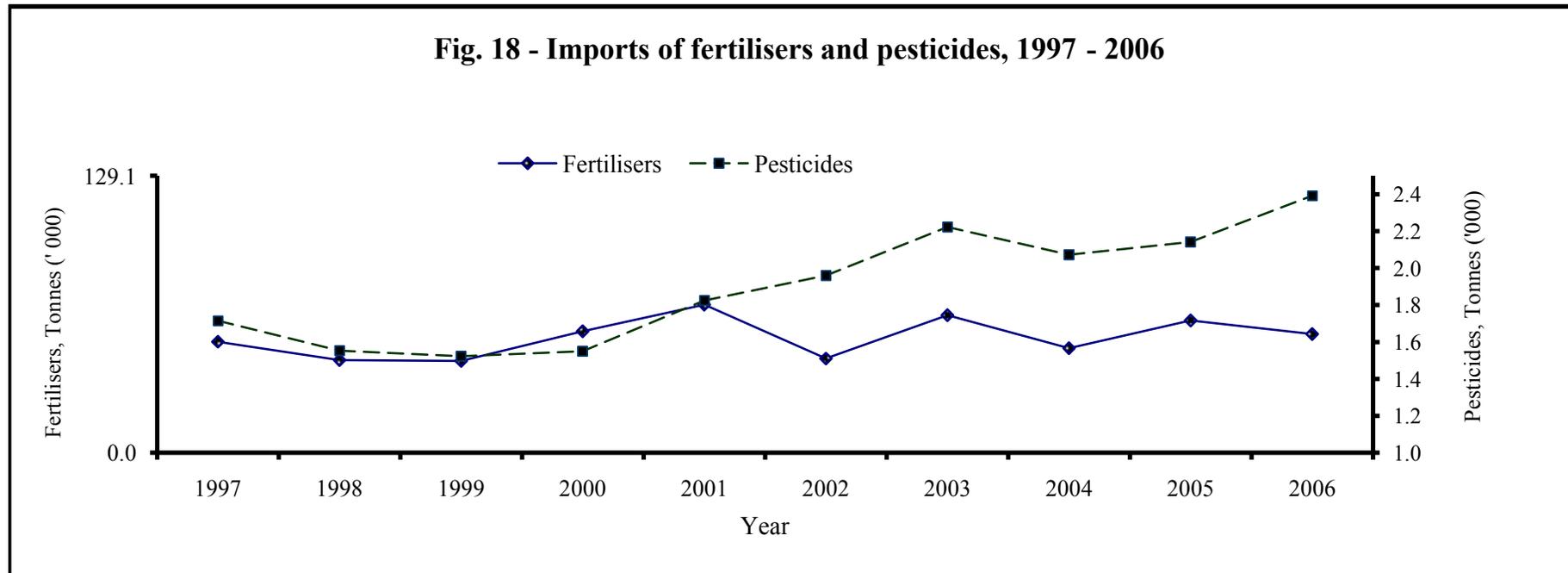
<sup>1</sup> Prior to 2002, a fatal accident was defined as an accident where death occurred within 7 days .  
As from 2002 a fatal accident is defined as an accident where death occurred within 30 days.

**Table 5.5 - Imports of fertilisers and pesticides, 1997 - 2006**

Tonnes

Commodities	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Fertilizers	51,740	43,160	42,788	56,617	68,966	43,877	64,081	48,749	61,605	55,314
Pesticides	1,715	1,552	1,522	1,549	1,824	1,959	2,222	2,072	2,141	2,393
<i>Insecticides</i>	<i>620</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>Fungicides</i>	<i>111</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>Weedkillers</i>	<i>984</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>

**Fig. 18 - Imports of fertilisers and pesticides, 1997 - 2006**

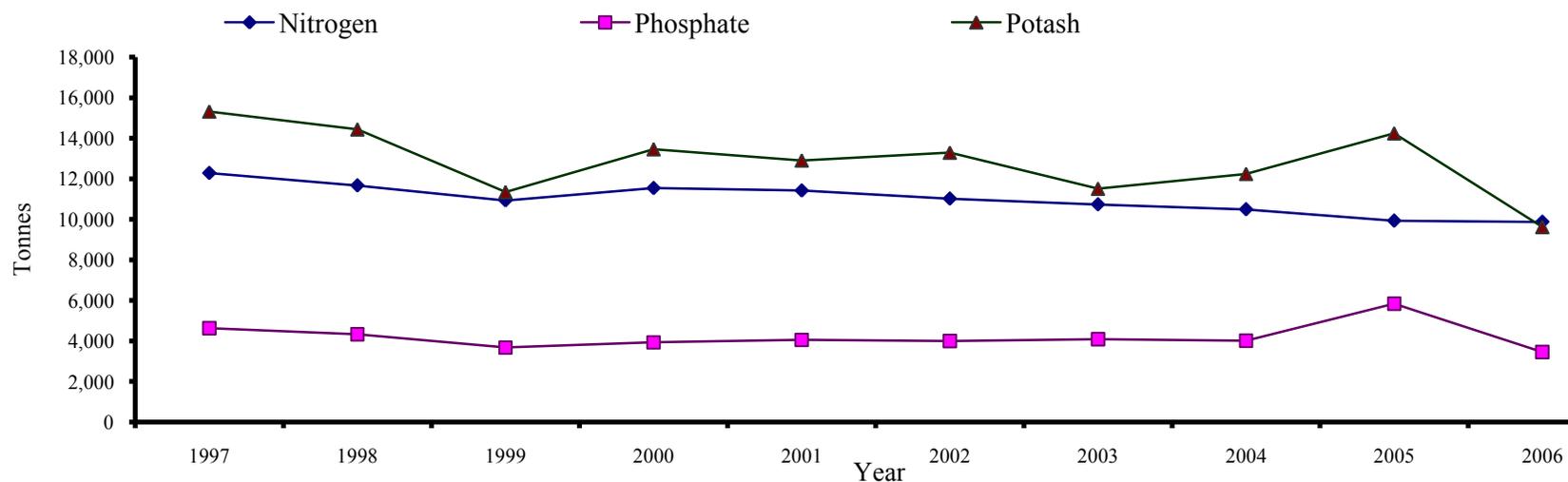


**Table 5.6 - Consumption of fertilisers, 1997 - 2006**

Tonnes

Year		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Product weight		73,740	69,486	62,721	67,044	65,527	64,739	63,507	61,266	50,870	48,109
Nutrients Content	Nitrogen	12,294	11,681	10,941	11,550	11,428	11,028	10,742	10,499	9,936	9,880
	Phosphate	4,644	4,342	3,684	3,940	4,059	4,011	4,094	4,022	5,849	3,492
	Potash	15,326	14,444	11,351	13,464	12,911	13,296	11,516	12,248	14,250	9,628

**Fig. 19 - Consumption of fertilisers ( Nutrients ) , 1997 - 2006**



**Table 5.7 - Land under irrigation, 1999 - 2006**

				Hectares
<b>Year</b>	<b>Overhead</b>	<b>Surface</b>	<b>Drip</b>	<b>Total</b>
1999	15,455	2,066	1,355	18,876
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
(By region) 2006				
North	5,839	677	1,085	7,601
East	3,007	-	225	3,232
Centre	621	71	-	692
West	4,017	969	265	5,250
South	4,092	21	534	4,647

**Table 5.8 - Number of permits<sup>1</sup> and floor area by region ,2001 - 2006**

Region	2001		2002		2003		2004 <sup>2</sup>		2005		2006	
	No of permits issued	Floor area (m <sup>2</sup> )	No of permits issued	Floor area (m <sup>2</sup> )	No of permits issued	Floor area (m <sup>2</sup> )	No of permits issued	Floor area (m <sup>2</sup> )	No of permits issued	Floor area (m <sup>2</sup> )	No of permits issued	Floor area (m <sup>2</sup> )
<b>Urban areas</b>	<b>3,903</b>	<b>646,162</b>	<b>3,689</b>	<b>651,242</b>	<b>3,723</b>	<b>676,851</b>	<b>2,582</b>	<b>446,921</b>	<b>2,902</b>	<b>556,974</b>	<b>3,560</b>	<b>650,202</b>
Port Louis	1,047	177,713	1,003	185,002	1,006	226,690	710	146,807	642	162,633	894	172,647
Beau Bassin - Rose Hill	649	138,961	525	93,308	582	101,951	421	75,426	505	87,932	440	76,880
Curepipe	704	88,341	632	84,741	584	93,912	351	53,703	486	69,360	534	82,975
Quatre Bornes	540	118,062	534	163,938	556	128,231	308	63,935	570	114,620	569	157,931
Vacoas - Phoenix	963	123,085	995	124,253	995	126,067	792	107,050	699	122,429	1,123	159,769
<b>Rural areas</b>	<b>5,592</b>	<b>858,387</b>	<b>5,365</b>	<b>891,358</b>	<b>5,400</b>	<b>960,884</b>	<b>4,001</b>	<b>728,503</b>	<b>5,088</b>	<b>866,064</b>	<b>5,130</b>	<b>918,479</b>
Pamplemousses	1,112	183,808	931	173,086	966	213,286	798	127,027	914	159,098	866	142,443
Riviere du Rempart	948	158,955	799	135,612	982	191,488	727	125,187	773	142,013	781	131,390
Flacq	1,007	136,789	1,131	154,765	1,137	159,283	689	96,351	1,007	137,560	986	173,616
Grand Port	776	91,247	710	100,197	793	103,743	517	68,835	576	76,560	708	120,150
Savanne	528	71,154	531	66,563	501	87,825	338	50,041	548	85,765	664	93,563
Plaines Wilhems	48	6,808	53	7,405	52	10,057	28	8,249	40	5,287	63	10,513
Moka	543	79,771	567	120,466	470	77,675	357	63,590	571	71,606	632	117,818
Black River	630	129,855	643	133,264	499	117,527	547	189,223	659	188,175	430	128,986
<b>Total</b>	<b>9,495</b>	<b>1,504,549</b>	<b>9,054</b>	<b>1,542,600</b>	<b>9,123</b>	<b>1,637,735</b>	<b>6,583</b>	<b>1,175,424</b>	<b>7,990</b>	<b>1,423,038</b>	<b>8,690</b>	<b>1,568,681</b>

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

<sup>2</sup> Jan - Sept 2004

**Table 5.9 - Number of permits <sup>1</sup> and floor area by type of building, 2001 - 2006**

Type of building	2001		2002		2003		2004		2005		2006	
	No of permits issued	Floor area (m <sup>2</sup> )	No of permits issued	Floor area (m <sup>2</sup> )	No of permits issued	Floor area (m <sup>2</sup> )	No of permits issued	Floor area (m <sup>2</sup> )	No of permits issued	Floor area (m <sup>2</sup> )	No of permits issued	Floor area (m <sup>2</sup> )
<b>Residential</b>	<b>8,999</b>	<b>1,256,946</b>	<b>8,671</b>	<b>1,222,347</b>	<b>8,712</b>	<b>1,229,510</b>	<b>6,287</b>	<b>894,562</b>	<b>7,538</b>	<b>1,127,378</b>	<b>8,122</b>	<b>1,250,115</b>
New buildings	4,459	794,586	4,167	758,397	4,301	768,796	3,332	583,663	4,207	776,608	4,611	884,513
Additions	4,540	462,360	4,504	463,950	4,411	460,714	2,955	310,899	3,331	350,770	3,511	365,602
<b>Non residential</b>	<b>496</b>	<b>247,603</b>	<b>383</b>	<b>320,253</b>	<b>411</b>	<b>408,225</b>	<b>276</b>	<b>280,862</b>	<b>452</b>	<b>289,660</b>	<b>568</b>	<b>318,436</b>
Agriculture, forestry, hunting and fishing	15	7,000	11	3,979	11	8,972	14	11,232	31	10,815	23	16,184
Manufacturing	52	42,351	48	69,546	49	67,496	30	30,456	47	87,551	31	37,857
Electricity and water	1	2,207	-	-	3	10,355	-	-	1	1,547	2	877
Construction	3	3,607	2	2,204	1	248	1	411	-	-	-	-
Wholesale and retail trade, restaurant and hotels	338	146,780	251	151,525	261	232,711	163	144,147	289	127,141	386	172,071
Transport, storage & communication	3	725	4	659	5	15,071	2	2,686	3	4,150	14	13,170
Banking, insurance and real estate	7	3,547	6	57,444	13	25,455	20	60,347	26	27,377	38	49,843
Community, social & personal services	77	41,386	61	34,896	68	47,917	46	31,583	55	31,079	74	28,434
<b>Total</b>	<b>9,495</b>	<b>1,504,549</b>	<b>9,054</b>	<b>1,542,600</b>	<b>9,123</b>	<b>1,637,735</b>	<b>6,563</b>	<b>1,175,424</b>	<b>7,990</b>	<b>1,417,038</b>	<b>8,690</b>	<b>1,568,551</b>

<sup>1</sup> 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, 2001 - 2006**

Tonnes

Waste type	2001	2002	2003	2004	2005	2006
Commercial	1,387	1,843	-	-	-	-
Construction	3,709	6,404	7,199	6,097	3,756	1,109
Domestic	292,880	325,006	352,915	365,528	363,776	387,751
Industrial ( inc. textile )	4,269	6,429	4,421	3,097	2,340	2,619
Tuna/Sludge	125	48	120	189	5,913	8,056
Poultry	3,152	3,615	3,236	3,962	3,930	3,752
Rubber tyres	135	240	378	423	394	465
Asbestos	33	34	71	36	85	14
Condemned goods	1,002	1,626	2,754	1,770	2,114	3,265
Difficult and hazardous	...	...	...	12	22	8
<b>TOTAL</b>	<b>306,691</b>	<b>345,244</b>	<b>371,094</b>	<b>381,114</b>	<b>382,330</b>	<b>407,039</b>

Source: Ministry for Local Government

**Table 5.11 - Monthly solid waste input by type at Mare Chicose landfill site, Jan - Dec 2006**

Waste type	Tonnes												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Domestic	34,230	30,563	43,853	41,202	31,617	29,569	23,617	29,360	29,859	29,267	29,298	35,316	387,751
Textile	92	120	188	208	221	271	248	165	147	162	173	125	2,120
Poultry	309	304	321	318	294	255	307	370	357	277	301	339	3,752
Tuna/Sludge	572	588	638	824	628	511	584	852	778	674	717	690	8,056
Rubber tyres	25	136	101	12	20	17	16	37	22	19	40	20	465
Industrial	25	32	32	31	30	25	23	53	59	52	59	78	499
Construction waste	153	184	147	66	48	144	124	68	34	63	47	31	1,109
Asbestos	-	-	-	-	3	-	-	-	-	4	-	7	14
Condemned goods	117	394	634	685	408	145	165	205	141	194	74	103	3,265
Difficult and hazardeous	-	-	-	-	-	2	6	-	-	-	-	-	8
<b>Total</b>	<b>35,523</b>	<b>32,321</b>	<b>45,914</b>	<b>43,346</b>	<b>33,269</b>	<b>30,939</b>	<b>25,090</b>	<b>31,110</b>	<b>31,397</b>	<b>30,712</b>	<b>30,709</b>	<b>36,709</b>	<b>407,039</b>

Source: Ministry for Local Government

**Table 5.12 - Number of EIA and PER licences granted by type of project, Island of Mauritius, 2002 - 2006**

Project	EIA					PER <sup>2</sup>	
	2002	2003	2004	2005	2006	2005	2006 <sup>1</sup>
Land parcelling (morcellement)	16	14	21	19	9	16	8
Poultry rearing	13	18	-	-	-	22	15
Industrial development	2	28	1	5	4	8	17
Coastal hotels & related works	15	4	15	10	20	4	1
Livestock rearing	1	4	-	-	-	3	6
Housing	3	4	34	7	13	10	14
Stone crushing plants	1	1	2	3	1	-	-
Development in port area	-	-	-	1	1	-	-
Service ("filling") station	1	14	-	-	-	7	4
Other	12	8	12	10	7	18	26
<b>Total</b>	<b>64</b>	<b>95</b>	<b>85</b>	<b>55</b>	<b>55</b>	<b>88</b>	<b>91</b>

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

<sup>1</sup> Provisional

<sup>2</sup> PER licence was issued as from September 2002. Four PER licences issued in 2002 were included in 2003.

**Table 5.13 - Number of establishments<sup>1</sup> by industrial group, Republic of Mauritius, 2002 - 2006**

Industrial group	Number of establishments				
	2002	2003	2004	2005	2006
Agriculture, forestry and fishing	<u>250</u>	<u>255</u>	<u>234</u>	<u>228</u>	<u>218</u>
<i>Sugarcane</i>	<i>145</i>	<i>144</i>	<i>123</i>	<i>118</i>	<i>117</i>
<i>Tea</i>	<i>8</i>	<i>9</i>	<i>8</i>	<i>7</i>	<i>8</i>
<i>Tobacco</i>	<i>41</i>	<i>41</i>	<i>37</i>	<i>35</i>	<i>31</i>
<i>Other agriculture</i>	<i>56</i>	<i>61</i>	<i>66</i>	<i>68</i>	<i>62</i>
Mining and quarrying	<u>6</u>	<u>8</u>	<u>8</u>	<u>6</u>	<u>6</u>
Manufacturing	<u>915</u>	<u>919</u>	<u>908</u>	<u>884</u>	<u>824</u>
<i>Food</i>	<i>108</i>	<i>108</i>	<i>111</i>	<i>117</i>	<i>114</i>
<i>Beverage and tobacco</i>	<i>16</i>	<i>16</i>	<i>16</i>	<i>17</i>	<i>15</i>
<i>Textile and wearing apparel (except footwear )</i>	<i>387</i>	<i>370</i>	<i>351</i>	<i>325</i>	<i>291</i>
<i>Other manufacturing</i>	<i>404</i>	<i>425</i>	<i>430</i>	<i>425</i>	<i>404</i>
Electricity, gas and water	<u>6</u>	<u>6</u>	<u>6</u>	<u>7</u>	<u>7</u>
Construction	<u>87</u>	<u>95</u>	<u>93</u>	<u>95</u>	<u>90</u>
Wholesale and retail trade, repair of m/vehicles, motorcycle, personal & household goods	<u>353</u>	<u>364</u>	<u>371</u>	<u>364</u>	<u>358</u>
<i>Wholesale and retail trade</i>	<i>313</i>	<i>323</i>	<i>330</i>	<i>321</i>	<i>317</i>
<i>Maintenance and repair of motor vehicles and motorcycles</i>	<i>14</i>	<i>15</i>	<i>13</i>	<i>12</i>	<i>11</i>
<i>Sales of motor vehicles, motorcycles and related parts; automotive fuel</i>	<i>26</i>	<i>26</i>	<i>28</i>	<i>31</i>	<i>30</i>
Hotels and restaurants	<u>132</u>	<u>143</u>	<u>142</u>	<u>151</u>	<u>136</u>
Transport , storage and communication	<u>98</u>	<u>104</u>	<u>106</u>	<u>105</u>	<u>106</u>
Financial intermediation	<u>68</u>	<u>70</u>	<u>64</u>	<u>77</u>	<u>89</u>
Real estate, renting and business activities	<u>148</u>	<u>167</u>	<u>197</u>	<u>217</u>	<u>219</u>
Public administration & defence; compulsory social security	<u>133</u>	<u>151</u>	<u>150</u>	<u>154</u>	<u>159</u>
Education	<u>149</u>	<u>151</u>	<u>155</u>	<u>175</u>	<u>179</u>
Health and social work	<u>44</u>	<u>46</u>	<u>53</u>	<u>41</u>	<u>44</u>
Other community, social and personal services	<u>86</u>	<u>80</u>	<u>68</u>	<u>82</u>	<u>84</u>
Total	2,475	2,559	2,555	2,586	2,519

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

**Table 5.14 - List of Proclaimed Public Beaches by districts**

<b>Name</b>	<b>Extent (ha)</b>	<b>Sea Frontage (m) (Approx)</b>
<b>PAMPLEMOUSSES</b>		
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 (Portion 7)	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
<b>RIVIERE DU REMPART</b>		
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
<b>FLACQ</b>		
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

**Tableb 5.14 Con't - List of Proclaimed Public Beaches by districts**

Name	Extent (ha)	Sea Frontage (m) (Approx)
<b>GRAND PORT</b>		
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
<b>SAVANNE</b>		
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
<b>BLACK RIVER</b>		
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 <sup>2</sup> 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
<b>PORT LOUIS</b>		
Grand River North West	0.7	198

**Table 6.1 - Main environment & socio - economic indicators, 1997 and 2006**

	Units	1997	2006 <sup>1</sup>
<b>Environment indicators</b>			
1. Total land area	000 ha	186.5	186.5
2. Irrigated land	ha	18,289.0	21,422.0
3. Forest area (as a % of total land area)	%	30.6	25.3
4. Land protected areas	ha	13,973.0	14,579.0
5. Marine protected areas	ha	7,190.0	7,216.0
6. Threatened plant species (IUCN Red List)	Number	...	100
7. Threatened animal species (IUCN Red List)	Number	...	64
8. Total fish catch	tons	12,321.0	8,671.0
9. Mean catch per fisherman day	kg	4.8	3.7
10. Total Carbon dioxide emission	000 tons	...	3,349.0
11. Per capita carbon dioxide emission	tons	...	2.7
12. Mean annual rainfall	millimetres	1,689.7	1,914.0
13. Annual fresh water abstraction	Mm <sup>3</sup>	620.0	682.0
14. Daily per capita domestic water consumption	litres	164.0	167.0
15. Daily per capita solid waste generated ( <i>estimate</i> )	Kg	0.7	1.0
16. Total electricity generated	GWh	1,398.2	2,350.0
17. Per capita primary energy requirement	toe	0.8	1.1
18. Per capita final energy consumption	toe	0.6	0.7
19. Energy intensity	100,000 GDP	1.7	1.7
<b>Socio - economic indicators</b>			
1. Gross Domestic Product (GDP) at market prices	Rs mn	88,175	205,786
2. Sectoral contribution to GDP			
<i>Agriculture</i>	%	9.4	5.5
<i>Manufacturing</i>	%	23.6	20.0
<i>Construction</i>	%	5.5	5.6
<i>Wholesale and retail trade</i>	%	13.3	12.3
<i>Hotels and restaurants</i>	%	5.6	8.5
<i>Transport and communications</i>	%	11.5	12.1
<i>Financial intermediation and business services</i>	%	15.6	21.6
<i>Other</i>	%	15.5	26.5
3. GDP annual growth rate (basic prices)	%	+5.6	+5.0
4. Per capita GDP at market prices	Rs	76,804	164,236
5. Per capita GDP in US dollars	US\$	3,649	5,272
6. Investment (GDFCF)	Rs mn	22,734	50,118
7. Exports (f.o.b) (include ship's stores and bunkers)	Rs mn	33,694	74,171
8. Imports (c.i.f)	Rs mn	46,093	115,612
9. Population	000	1,148.3	1,252.7
10. Population annual growth rate	%	1.2	0.6
11. Population density (per kilometre square)	Number	567	616
12. Total labour force <sup>2</sup>	000	504.8	565.9
13. Total employment <sup>2</sup>	000	475.5	515.8
<i>Agriculture (as a % of total)</i>	%	6.6	4.2
<i>Manufacturing (as a % of total)</i>	%	22.3	17.6
14. Unemployment rate <sup>2</sup>	%	5.9	9.1
15. Inflation rate	%	6.6	8.9
16. Tourist arrivals	000	536.1	788.3

<sup>1</sup> Provisional<sup>2</sup> Year 1997 estimates were based on data from various sources and refer to population aged 12 years and over.

As from 2004, the Continuous Multi Purpose Household Survey is used to measure labour force, employment and unemployment and the estimates refer to population aged 15 years and over.

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

Urban\Rural Residence	1990 census <sup>2</sup>			2000 census <sup>2</sup>			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

<sup>1</sup> 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 )

<sup>2</sup> 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 <sup>1</sup>			2000 census <sup>1</sup>			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

<sup>1</sup> "de jure" population; not adjusted for under enumeration of young children

**Table 6.4 - Age distribution of the population<sup>1</sup> 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

<sup>1</sup> 'de jure' population; not adjusted for under enumeration of young children

**Table 6.5 - Population growth in intercensal periods , Republic of Mauritius <sup>1</sup> 1851 - 2000**

Census date	Republic of Mauritius			Island of Mauritius			Island of Rodrigues		
	Population enumerated at census	Density per km <sup>2</sup>	Average annual rate of increase(%)	Population enumerated at census	Density per km <sup>2</sup>	Average annual rate of increase(%)	Population enumerated at census	Density per km <sup>2</sup>	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 <sup>2</sup>	699,954	356	3.12	681,619	366	3.12	18,335	176	3.24
30th June 1972 <sup>2</sup>	850,968	432	1.97	826,199	443	1.94	24,769	238	3.05
2nd July 1983 <sup>2</sup>	999,945	508	1.48	966,863	518	1.44	33,082	318	2.67
1st July 1990 <sup>3</sup>	1,056,660	537	0.79	1,022,456	548	0.80	34,204	329	0.48
1st July 2000 <sup>3</sup>	1,178,848	599	1.10	1,143,069	613	1.12	35,779	344	0.45

<sup>1</sup> excluding Agalega and St Brandon

<sup>2</sup> "de facto" population

<sup>3</sup> "de jure" population

**Table 6.6 - Growth of the resident population and vital statistics - Republic of Mauritius <sup>1</sup>, 1997 - 2006**

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	
1997	1,141,960	20,012	7,986	12,026	+1358	13,384	1.05	0.12	1.17	1,155,344
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

<sup>1</sup> Excl. Saint Brandon and Agalega

**Table 6.7 - Life Expectancy at birth, 1997 - 2006**

Year	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Male	66.6	66.8	67.4	68.1	68.4	68.6	68.7	68.7	68.9	68.9
Female	74.4	74.4	74.6	75.3	75.3	75.3	75.4	75.5	75.7	75.8

<sup>1</sup> Provisional

**Table 6.8 - Infant mortality <sup>1</sup> rate by geographical district, 1997 - 2006**

<b>Geographical district</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Port Louis	22.0	23.4	20.4	18.6	16.0	13.8	9.7	17.9	18.8	13.9
Pamplemousses	17.6	18.9	17.0	15.3	13.8	11.9	12.7	16.4	16.6	21.3
Riviere du Rempart	17.8	20.7	14.3	14.1	12.0	19.1	8.7	17.8	12.7	15.2
Flacq	21.4	13.4	16.5	13.9	14.4	12.5	9.5	12.5	11.1	11.2
Grand Port	19.1	30.9	27.2	18.3	16.8	20.9	17.2	17.0	13.2	15.7
Savanne	33.0	12.3	28.4	20.9	7.3	17.6	13.2	17.6	13.8	7.2
Plaines Wilhems	18.2	16.4	17.8	13.8	13.1	11.8	13.9	9.8	10.7	11.0
Moka	22.7	23.5	16.8	14.7	14.2	13.4	12.0	14.9	17.7	12.7
Black River	20.6	21.6	19.9	18.5	17.3	18.4	14.5	8.5	8.1	13.7
Island of Mauritius	20.3	19.4	19.2	15.8	13.9	14.5	12.4	14.0	13.2	13.5

<sup>1</sup> 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	
Housing units occupied as :	No.	%	No.	%
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, 1997 - 2006**

Details	Unit	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total primary energy requirement	ktoe	943.7	1007.7	999.5	1113.1	1182.0	1157.3	1222.8	1255.8	1293.2	1374.9
<i>Imported</i>	<i>ktoe</i>	<i>647.3</i>	<i>707.2</i>	<i>778.9</i>	<i>849.0</i>	<i>901.2</i>	<i>898.8</i>	<i>956.3</i>	<i>980.1</i>	<i>1030.5</i>	<i>1120.3</i>
<i>Local</i>	<i>ktoe</i>	<i>296.4</i>	<i>300.5</i>	<i>220.6</i>	<i>264.1</i>	<i>280.9</i>	<i>258.6</i>	<i>266.5</i>	<i>275.7</i>	<i>262.6</i>	<i>254.6</i>
Total primary energy requirement index (1990 = 100)		128.1	136.9	134.5	150.9	159.7	158.4	167.3	171.8	177.0	188.1
Annual increase	%	+3.7	+6.8	-0.8	+11.4	+6.2	-2.10	+5.7	+2.7	+3.0	+6.3
Import dependency	%	68.6	70.2	77.9	76.3	76.2	77.7	78.2	78.0	79.7	81.5
Energy intensity	toe per Rs.100,000 GDP	1.68	1.69	1.63	1.67	1.69	1.62	1.65	1.59	1.62	1.66
Per capita primary energy requirement	toe	0.82	0.87	0.85	0.94	0.99	0.96	1.00	1.02	1.04	1.10
Per capita final energy consumption	toe	0.63	0.63	0.59	0.63	0.65	0.63	0.67	0.68	0.68	0.70
Per capita consumption of electricity sold	KWh	947	1,026	1,059	1,158	1,222	1,248	1,330	1,382	1,429	1,501

**Table 6.14 - Primary energy requirement, (Energy unit), Republic of Mauritius, 1997 - 2006**

Thousand tonne of oil equivalent (ktoe)

Energy source	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Imported										
Gasolene	94.7	95.7	96.7	99.4	94.8	94.5	96.4	97.6	100.1	96.2
Diesel oil	147.0	156.7	166.6	191.3	190.6	198.7	210.9	216.0	214.2	229.8
Dual purpose kerosene	141.0	154.6	154.1	136.0	143.4	127.7	147.4	168.8	171.7	152.7
Kerosene	58.8	61.5	53.1	23.6	13.8	14.4	18.9	26.3	28.6	6.0
Aviation fuel	82.2	93.1	101.0	112.4	129.6	113.3	128.6	142.5	143.1	146.7
Fuel oil	194.1	212.7	230.0	215.5	236.1	231.4	249.7	259.1	253.3	273.3
LPG	42.3	43.7	46.9	50.0	50.8	52.5	55.8	59.2	65.7	68.0
Coal	28.3	43.9	84.7	156.9	185.5	193.9	196.0	179.4	225.6	300.4
Sub- total (Imported)	647.4	707.3	779.0	849.1	901.2	898.7	956.2	980.1	1,030.6	1,120.3
Local										
Hydro\Wind	8.0	9.0	2.6	8.2	6.1	7.4	10.1	10.6	9.9	6.6
Bagasse <sup>1</sup>	278.6	282.7	210.3	248.5	267.4	243.9	249.1	257.8	245.1	240.0
Fuel wood <sup>1</sup>	9.8	8.8	7.7	7.3	7.3	7.3	7.3	7.3	7.6	8.0
Sub- total (Local)	296.4	300.5	220.6	264.0	280.8	258.6	266.5	275.7	262.6	254.6
Total	943.8	1,007.8	999.6	1,113.1	1,182.0	1,157.3	1,222.7	1,255.8	1,293.2	1,374.9

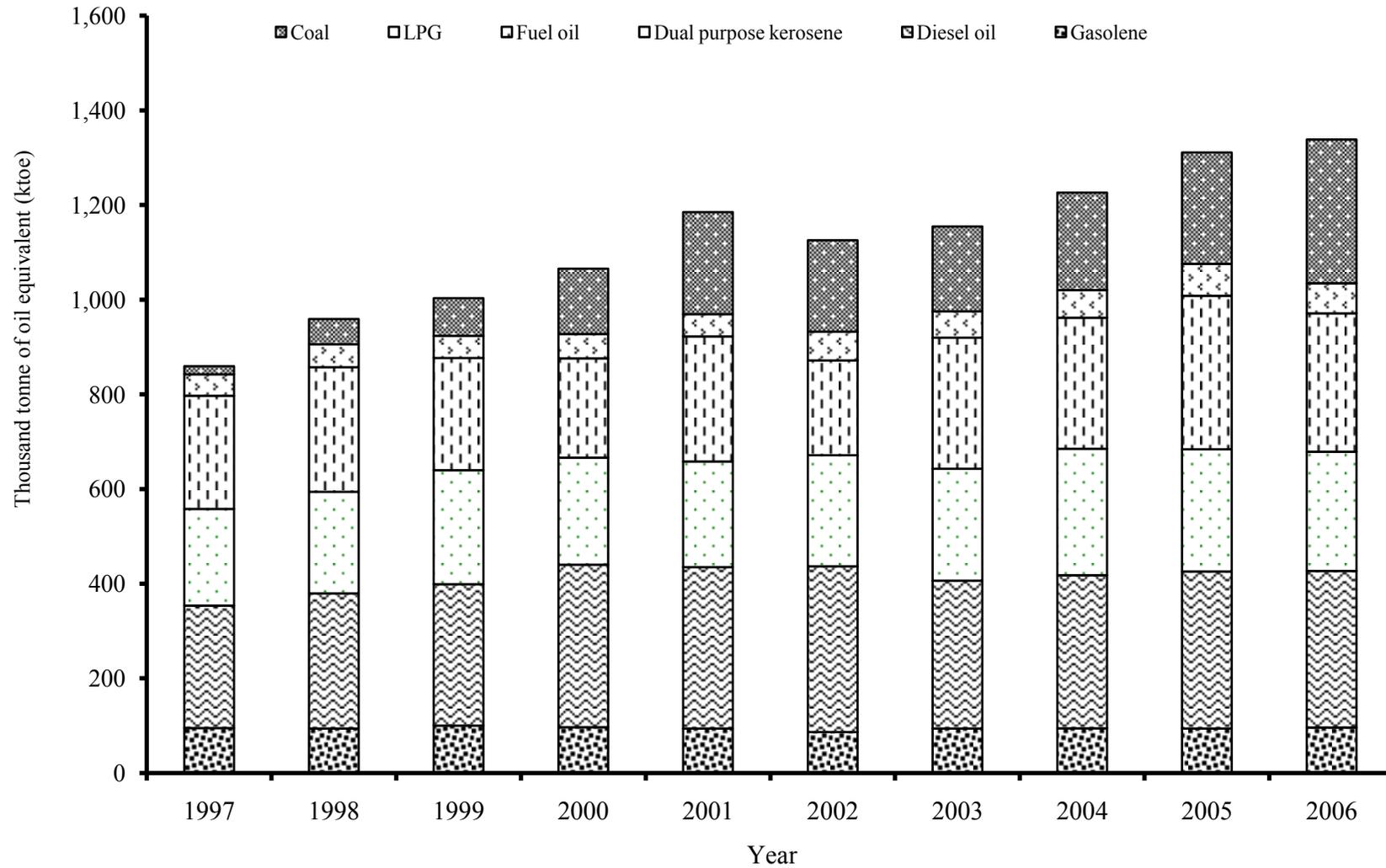
<sup>1</sup> estimates

**Table 6.15 - Imports of energy sources (Energy unit), Republic of Mauritius, 1997 - 2006**

Thousand tonne of oil equivalent (ktoe)

<b>Energy source</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Gasolene	95.1	93.8	100.2	97.0	93.7	86.7	93.8	94.7	93.7	96.0
Diesel oil	258.5	285.6	298.5	343.1	341.4	349.9	312.3	322.9	333.2	330.8
Dual purpose kerosene	204.1	214.7	241.2	226.1	222.7	234.5	236.8	267.1	257.9	251.7
<i>Kerosene</i>	79.6	56.3	45.9	28.4	12.5	14.9	21.0	31.0	29.0	6.3
<i>Aviation fuel</i>	124.5	158.4	195.2	197.6	210.3	219.6	215.8	236.1	228.9	245.4
Fuel oil	239.2	263.2	236.4	210.0	264.1	200.2	276.5	277.3	324.0	292.2
LPG	45.0	48.2	47.1	51.1	47.4	60.4	55.6	58.1	67.7	63.5
Coal	17.2	53.5	79.9	137.9	215.4	193.5	179.4	205.7	235.1	304.0
<b>Total</b>	<b>859.2</b>	<b>958.9</b>	<b>1,003.2</b>	<b>1,065.2</b>	<b>1,184.8</b>	<b>1,125.2</b>	<b>1,154.4</b>	<b>1,225.8</b>	<b>1,311.6</b>	<b>1,338.2</b>

**Fig. 20 - Imports of energy sources, Republic of Mauritius,  
1997 - 2006**



**Table 6.16 - Fuel input for electricity production, (Energy unit), Republic of Mauritius, 1997 - 2006**

Thousand tonne of oil equivalent (ktoe)

<b>Fuel</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<u>Island of Mauritius</u>										
Fuel oil	154.4	169.0	183.1	164.5	173.8	167.9	192.1	206.7	208.4	217.5
Diesel oil	2.3	2.6	3.1	2.9	2.6	2.8	2.4	2.4	2.1	2.6
Kerosene	48.9	51.7	43.6	13.6	3.9	5.7	10.3	17.2	18.4	1.9
Coal	11.4	27.9	69.5	141.7	169.5	177.9	178.0	164.4	211.2	286.9
Bagasse <sup>1</sup>	95.6	122.6	114.2	163.4	182.8	173.1	167.5	174.9	168.9	165.9
<u>Island of Rodrigues</u>										
Fuel oil <sup>2</sup>	1.8	2.6	3.6	4.0	4.2	4.5	4.2	4.6	6.6	6.3
Diesel oil <sup>2</sup>	1.1	1.2	0.4	0.6	0.6	0.7	1.5	1.6	0.2	0.2
<b>Total</b>	<b>315.5</b>	<b>377.6</b>	<b>417.6</b>	<b>490.6</b>	<b>537.3</b>	<b>532.5</b>	<b>556.0</b>	<b>571.8</b>	<b>615.8</b>	<b>681.3</b>

<sup>1</sup> Estimates

<sup>2</sup> Figures for 1996 - 1997 are estimates

**Table 6.17 - Final energy consumption by sector and type of fuel (Physical unit), Republic of Mauritius, 1997 - 2006**

Sector	Unit	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Manufacturing											
Fuel oil	tonne	39,518	42,774	45,150	49,000	60,630	61,439	55,615	49,857	46,763	58,098
Diesel oil	tonne	26,622	30,233	32,650	41,600	37,533	37,409	41,273	43,372	41,127	49,763
LPG	tonne	3,179	3,276	3,600	3,689	3,650	3,502	2,964	2,756	3,904	3,965
Coal	tonne	27,242	25,713	24,490	24,464	25,781	25,888	29,000	24,220	23,162	21,660
Fuel wood <sup>1</sup>	tonne	2,500	2,000	1,800	1,500	1,500	1,450	1,430	1,415	1,400	1,425
Electricity	GWh	496.1	551.3	558.8	651.6	711.4	711.7	742.2	769.0	777.4	841.2
Bagasse <sup>1</sup>	tonne	1,143,800	1,000,600	600,400	531,800	529,000	442,722	510,246	518,379	476,198	463,563
Transport											
Gasolene	tonne	87,671	88,592	89,500	92,000	87,749	87,507	89,242	90,350	92,673	89,117
LPG	tonne	-	264	485	633	820	1,216	2,223	2,691	6,726	6,887
Diesel oil	tonne	113,361	118,934	126,500	142,000	145,555	153,437	161,267	164,120	166,510	172,929
Aviation fuel (local aircraft)	tonne	79,025	89,537	97,126	108,082	124,652	108,972	123,627	137,002	137,560	141,053
Household											
Kerosene	tonne	9,533	9,472	9,100	9,600	9,480	8,409	8,265	8,726	9,765	3,925
LPG	tonne	32,313	32,837	34,700	37,710	37,850	39,023	40,559	42,856	43,206	42,099
Fuel wood <sup>1</sup>	tonne	20,900	19,000	16,400	16,000	15,900	15,850	15,780	15,940	16,540	17,473
Charcoal <sup>1</sup>	tonne	300	250	200	150	150	130	125	120	130	123
Electricity	GWh	394.9	431.2	449.6	491.9	522.8	532.6	564.6	575.0	607.6	617.9
Commercial and Distributive Trade											
LPG	tonne	3,650	4,000	4,500	4,150	4,450	4,559	5,749	6,372	6,985	9,936
Charcoal <sup>1</sup>	tonne	300	300	300	300	330	340	350	360	380	393
Electricity	GWh	290.3	322.3	337.4	374.8	415.5	424.9	479.3	516.0	556.3	581.8
Agriculture											
Diesel oil <sup>1</sup>	tonne	2,100	2,200	2,300	2,400	2,460	2,430	2,410	2,375	2,345	2,287
Electricity	GWh	20.5	25.3	22.5	27.2	26.8	27.5	27.0	23.8	27.1	27.7

<sup>1</sup> Estimates

**Table 6.18 - Final energy consumption by sector (Energy unit), Republic of Mauritius, 1997 - 2006**

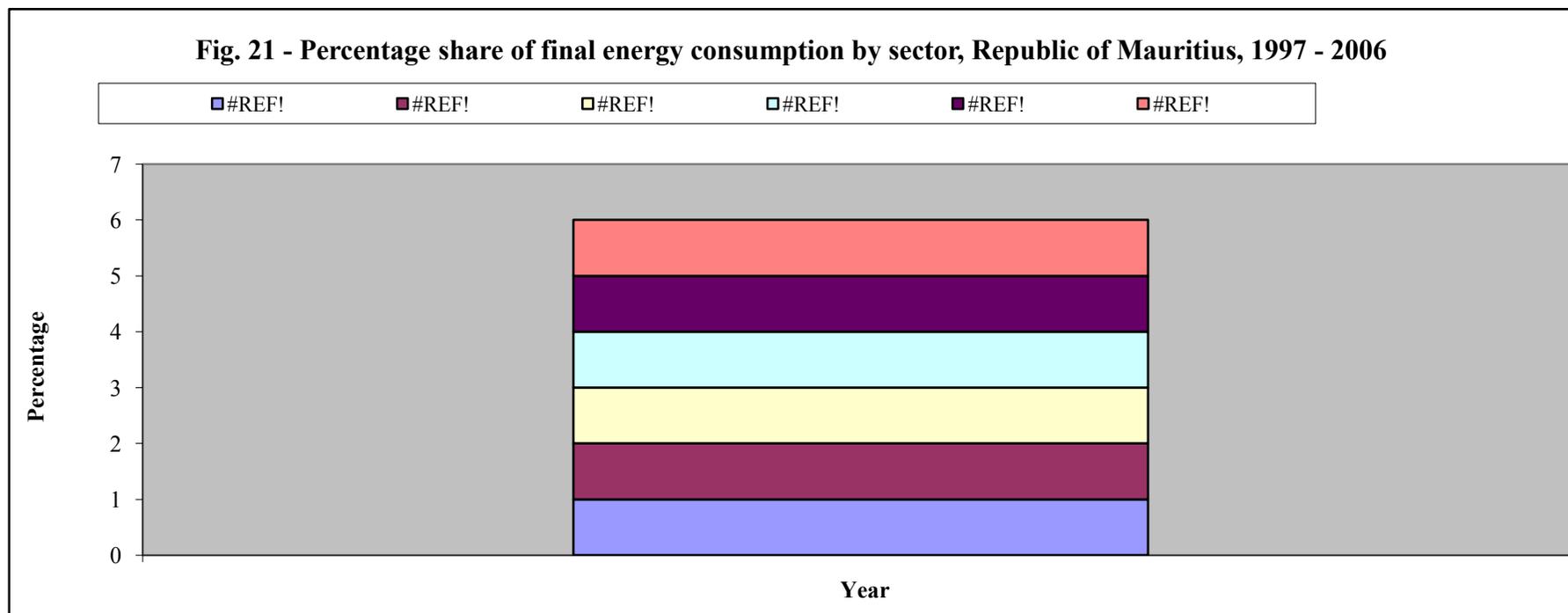
Thousand tonne of oil equivalent (ktoe)

Sector	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Manufacturing	311.8	299.3	240.2	249.9	262.4	249.2	262.3	259.3	248.6	270.8
Transport	291.4	309.2	326.0	355.9	372.3	364.1	390.2	408.7	418.6	425.0
Household	86.9	89.8	92.0	99.2	101.8	102.8	107.0	111.0	115.5	109.4
Commercial and Distributive Trade	29.1	32.3	34.1	36.9	40.8	41.7	47.7	51.5	55.7	61.1
Agriculture	3.9	4.4	4.3	4.8	4.8	4.8	4.8	4.4	4.7	4.8
Other (n.e.s) and losses	1.5	1.6	1.8	2.3	2.3	2.4	2.9	3.2	5.0	3.4
<b>TOTAL</b>	<b>724.5</b>	<b>736.6</b>	<b>698.3</b>	<b>749.0</b>	<b>784.4</b>	<b>765.1</b>	<b>814.9</b>	<b>838.1</b>	<b>848.0</b>	<b>874.4</b>

**Table 6.19 - Percentage share of final energy consumption by sector, Republic of Mauritius, 1997 - 2006**

Sector	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Manufacturing	43.0	40.6	34.4	33.4	33.5	32.6	32.2	30.9	29.3	31.0
Transport	40.2	42.0	46.7	47.5	47.5	47.6	47.9	48.8	49.5	48.6
Household	12.0	12.2	13.2	13.2	13.0	13.4	13.2	13.2	13.6	12.5
Commercial and Distributive trade	4.0	4.4	4.9	4.9	5.2	5.5	5.9	6.1	6.6	7.0
Agriculture	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5
Other (n.e.s) and losses	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
<b>TOTAL</b>	<b>100.0</b>									

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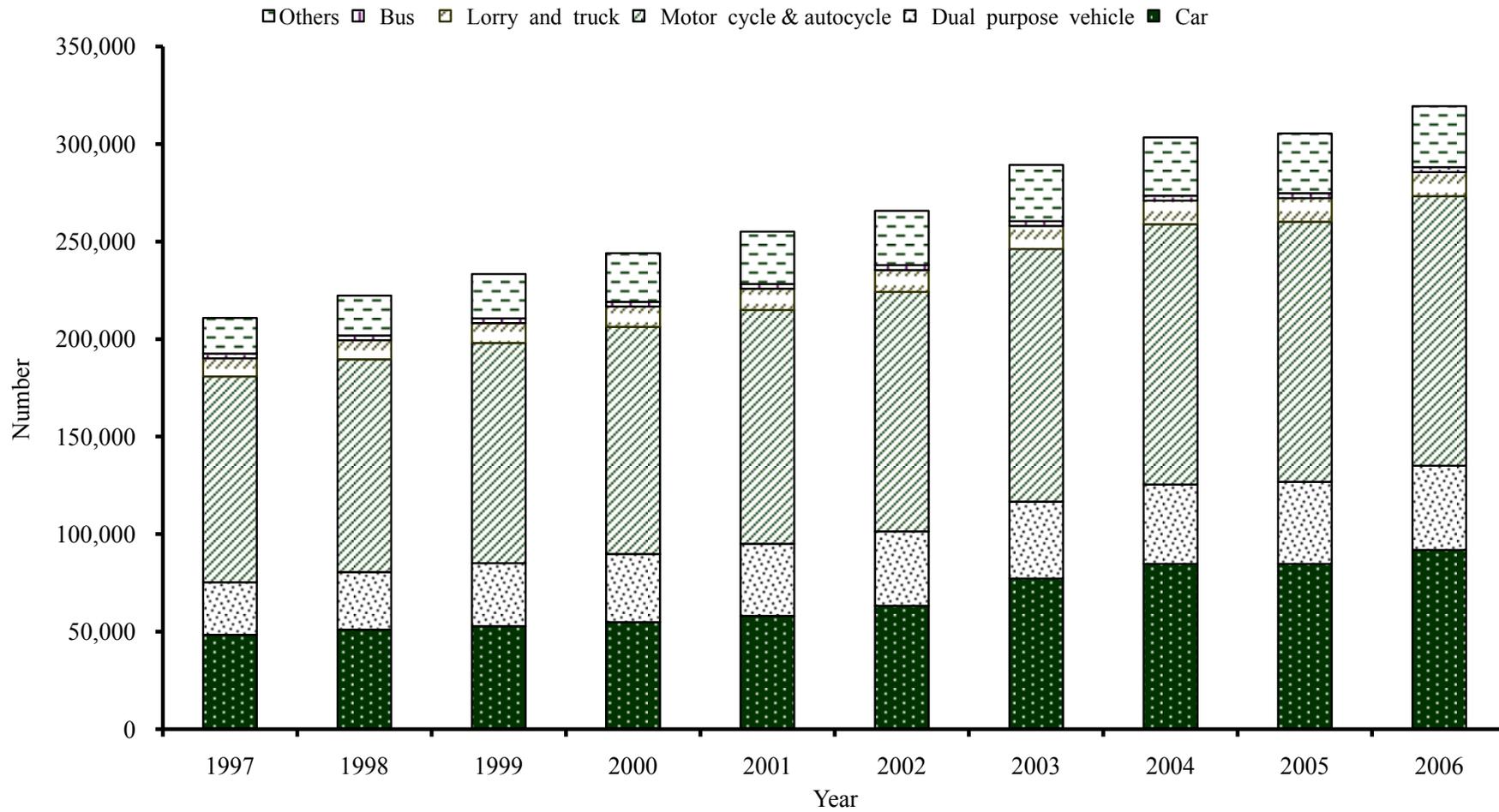


**Table 6.20 - Vehicles <sup>1</sup> registered by type, 1997 - 2006**

Type of vehicle	Number									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Car	48,390	51,051	52,892	54,911	58,082	63,307	68,524	77,342	84,818	91,911
( of which taxi car )	(4,721)	(4,761)	(4,905)	(5,039)	(5,318)	(5,801)	(5,979)	(6,482)	(6,798)	(6,860)
Dual purpose vehicle	27,050	29,527	32,262	34,912	36,984	38,129	39,383	40,667	42,026	43,221
Heavy motor car	934	945	934	916	923	944	958	1,020	1,045	1,118
Motor cycle	22,839	23,577	24,125	24,523	25,104	25,723	26,744	28,646	30,927	33,936
Auto cycle	82,567	85,566	88,821	91,955	94,849	97,078	98,858	100,854	102,503	104,238
Lorry and truck	9,356	9,750	10,138	10,485	10,888	11,236	11,501	11,774	12,047	12,272
Van	12,469	14,508	16,814	18,807	20,694	21,750	22,496	23,326	23,989	24,522
Bus	2,359	2,367	2,344	2,394	2,408	2,450	2,460	2,457	2,560	2,612
Tractor and dumper	2,615	2,627	2,630	2,645	2,683	2,683	2,877	2,935	2,982	3,001
Prime mover	278	297	315	322	335	349	369	388	412	436
Trailer	1,640	1,703	1,719	1,726	1,776	1,770	1,772	1,771	1,765	1,756
Road roller	108	105	102	100	100	101	100	99	96	96
Other	317	321	319	322	323	321	329	326	326	321
<b>Total</b>	<b>210,922</b>	<b>222,344</b>	<b>233,415</b>	<b>244,018</b>	<b>255,149</b>	<b>265,841</b>	<b>276,371</b>	<b>291,605</b>	<b>305,496</b>	<b>319,440</b>

<sup>1</sup> Excluding pedal cycles , but including government vehicles

**Fig. 22 - Vehicles registered by type, 1997 - 2006**







**Table 6.21 - Road traffic accidents <sup>1</sup> and casualties , 1997 - 2006**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
1. Road traffic accidents:										
Number	15,954	18,055	17,877	18,278	18,517	18,022	19,178	19,495	22,554	20,242
Rate per 100,000 Population	1,434	1,605	1,569	1,588	1,591	1,535	1,616	1,629	1,869	1,665
Rate per 1,000 registered motor vehicles	78	84	79	77	75	69	72	69	76	65
2. Motor vehicles involved :										
Number	28,561	32,568	32,547	33,537	33,988	33,119	35,239	35,506	43,741	40,023
Rate per 1,000 registered motor vehicles	140	152	144	142	137	127	133	126	148	129
3. Casualties :										
Total number of casualties	3,755	3,828	3,405	3,291	3,264	2,904	2,698	2,951	2,760	2,522
Fatal <sup>2</sup>	146	162	170	163	126	158	131	144	136	134
Seriously injured	261	281	237	266	288	216	291	245	358	348
Slightly injured	3,348	3,385	2,998	2,862	2,850	2,530	2,276	2,562	2,266	2,040
4. Fatality :										
Rate per 100,000 population	13.1	14.4	14.9	14.2	10.8	13.5	11.0	12.0	11.3	11.0
Rate per 1,000 registered motor vehicle	0.7	0.8	0.8	0.7	0.5	0.6	0.5	0.5	0.4	0.4
Fatality Index <sup>3</sup>	3.9	4.2	5.0	5.0	3.9	5.4	4.8	4.9	4.9	5.3

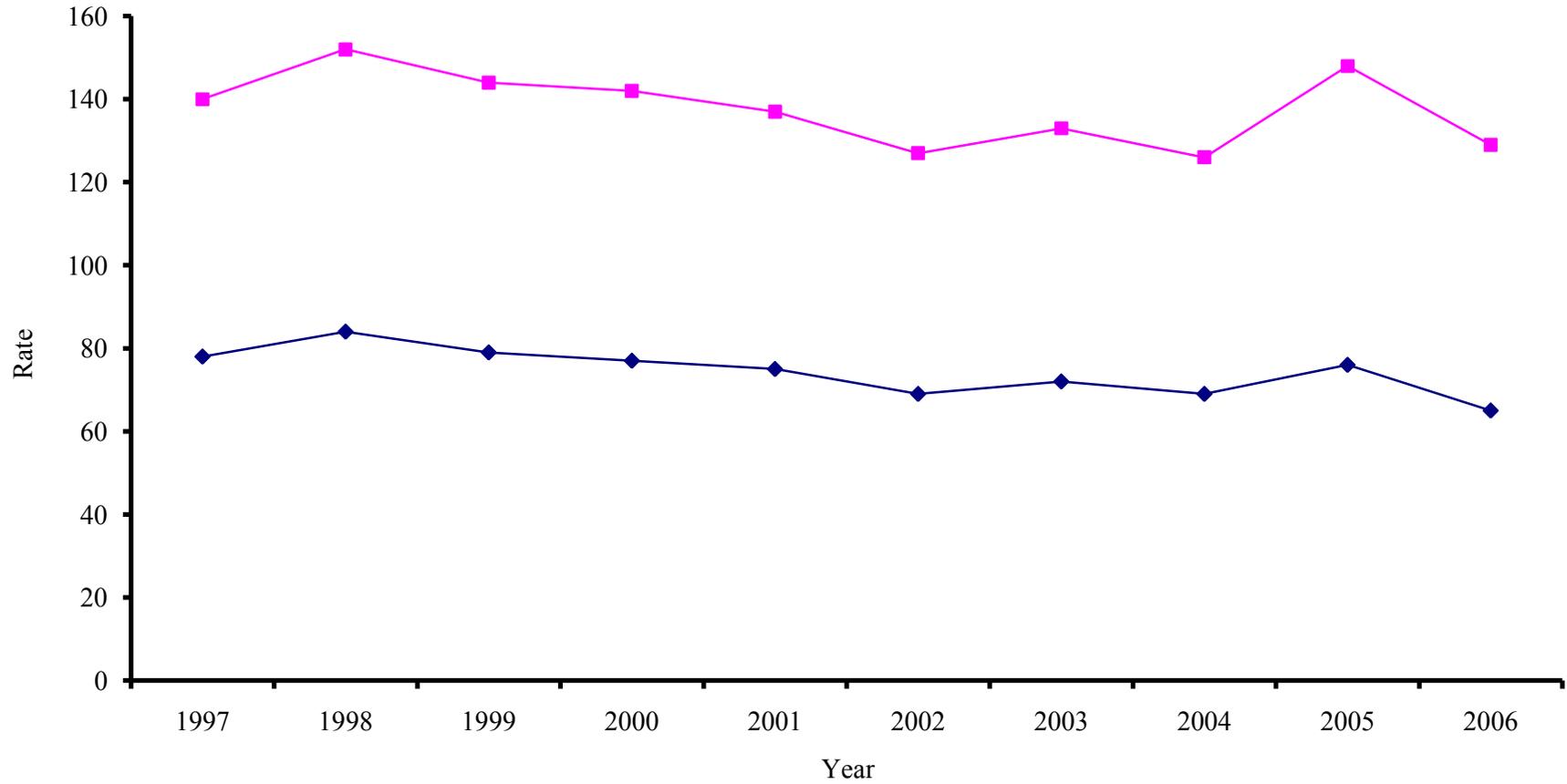
<sup>1</sup> Exclude number of accidents involving bicycles only or bicycle and pedestrian

<sup>3</sup> Fatality index is the number of fatalities per 100 casualties

<sup>2</sup> 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.

**Fig. 23 - Road traffic accidents and casualties rate, 1997 - 2006**

◆ Road traffic accidents:Rate per 1,000 registered motor vehicles    ■ Motor vehicles involved : Rate per 1,000 registered motor vehicles

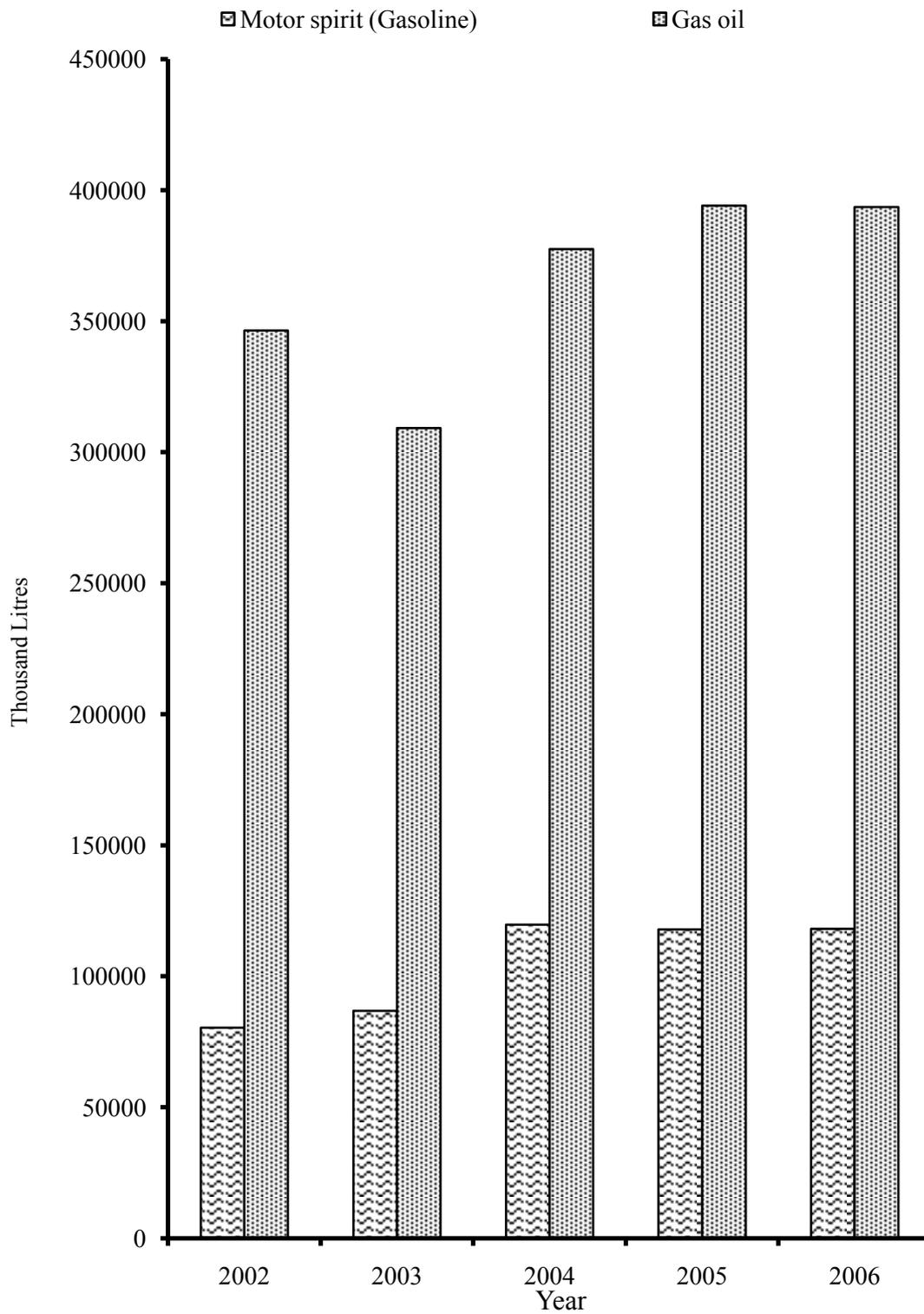


**Table 6.22 - Imports of motor spirit and gas oil by country of origin, 2002 - 2006**

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

Item	Country of origin	Unit	2002		2003		2004		2005		2006 <sup>1</sup>	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Motor spirit (Gasoline)	Bahrain	000 Litres	19,837	164,003	52,434	439,731	81,041	686,478	48,820	526,795	18,108	301,504
	Saudi Arabia	"	26,907	222,842	28,205	258,132	10,204	89,363	6,318	104,960	6,260	82,715
	South Africa Rep.	"	16,190	89,057	-	-	8,076	48,099	-	-	-	-
	Singapore	"	-	-	-	-	-	-	5,995	94,674	-	-
	United Arab Emirates	"	17,363	129,752	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	63,784	1,023,652
	Reunion	"	-	-	-	-	-	-	2,733	25,040	-	-
			80,297	605,654	86,802	748,510	119,702	1,030,619	117,905	1,452,772	118,076	1,877,318
Gas oil ( Diesel )	Bahrain	000 Litres	87,179	617,939	160,788	1,148,753	166,152	1,388,045	146,279	1,819,045	16,890	225,438
	Saudi Arabia	"	99,745	667,094	96,136	662,637	112,276	798,739	177,637	2,138,530	130,303	2,103,149
	South Africa Rep.	"	58,841	298,879	13,479	96,965	-	-	6,978	68,275	-	-
	Singapore	"	-	-	-	-	-	-	18,325	265,007	-	-
	United Arab Emirates	"	100,636	639,664	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	226,031	3,722,366
	Yemen	"	-	-	9,080	56,027	-	-	-	-	-	-
	Kuwait	"	-	-	-	-	26,282	188,187	-	-	-	-
			346,401	2,223,576	309,215	2,206,920	377,530	3,101,533	394,056	4,833,411	393,604	6,351,019

<sup>1</sup> Provisional

**Fig. 24 - Imports of motor spirit and gas oil, 2002 - 2006**

**Table 6.23 - Imports of lubricating oils and greases by country of origin, 2002 - 2006**

Item	Country of origin	2002		2003		2004		2005		2006 <sup>1</sup>	
		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	247	9,223	371	14,691	338	16,261	287	13,719	181	12,102
	Japan	2	223	2	232	-	-	-	-	4	525
	Singapore	3,496	76,699	4,536	101,014	4,547	113,146	4,017	121,955	1,277	52,668
	South Africa Rep.	2,790	61,762	2,622	64,405	2,578	64,793	2,460	83,023	5,593	247,215
	Thailand	21	633	87	2,138	175	4,649	63	2,340	17	972
	United Kingdom	6	441	17	1,167	36	2,651	59	4,527	45	4,323
	United States	68	9,618	126	10,861	75	8,261	70	9,868	59	11,071
	Other countries	249	6,569	258	6,531	940	24,150	1,338	40,183	-	-
		6,879	165,168	8,019	201,039	8,689	233,911	8,294	275,615	8,306	371,967
Lubricating greases containing not less than 70% by weight of petroleum products	France	13	549	5	414	5	437	7	456	-	48
	Singapore	10	296	4	209	38	1,297	11	682	-	11
	South Africa Rep.	114	3,081	139	3,970	117	4,149	113	5,968	125	8,202
	Thailand	-	-	88	1,163	16	504	5	194	-	-
	Other countries	5	547	6	757	17	986	14	998	-	-
		142	4,473	242	6,513	193	7,373	150	8,298	153	10,375

<sup>1</sup> Provisional

**Table 6.24 - Air transport, 1997 - 2006**

Year	Number of movements <sup>1</sup>		Freight <sup>2</sup>	
	Landings	Take - offs	Unloaded (Tonnes)	Loaded (Tonnes)
1997	7,049	7,045	17,443	20,762
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	8,791	9,108	21,158	23,827

<sup>1</sup> include only movements of commercial aircraft; each touch down / take-off is counted as a separate movement.

<sup>2</sup> include freight carried by planes other than commercial .

**Table 6.25 - Tourist<sup>1</sup> arrivals by mode of transport and tourist nights spent during period, 1997 - 2006**

Period	Tourist arrivals during period			Tourist nights spent during period <sup>2</sup>	% change over previous year	
	Sea	Air	Total		Tourist arrivals	Tourist nights
1997	7,476	528,649	536,125	5,451,314	+ 10.1	+ 10.0
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

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

<sup>2</sup> 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, 1997 - 2006**

	Unit	1997	1998	1999	2000	2001	2002	2003 <sup>1</sup>	2004 <sup>1</sup>	2005 <sup>1</sup>	2006
<b>A. Sound</b>											
Channels	Number	7	7	7	8	8	8	8	8	8	8
Transmitters	"	20	20	22	24	18	21	36	36	36	36
Aerial output:											
Medium wave	kW	10 / 1	10 / 1	10 / 2	10 / 2	10 / 2	10 / 2	10 / 2	10 / 2	10 / 2	10 / 2
F.M.	kW	1 / 0.3	1 / 0.3	1 / 0.5	1 / 0.5	1 / 0.5	1 / 0.5	4 / 2	4 / 2	4 / 2	4 / 2
Weekly transmission time	Hour	1,350	1,176	1,176	1,344	1,344	1,344	1,848	1,848	1,848	1,848
Private operators	Number	-	-	-	2	2	3	3	3	3	3
<b>B. Television</b>											
Channels	Number	6	6	4	4	4	4	4	10 <sup>2</sup>	10 <sup>2</sup>	10 <sup>2</sup>
Transmitters	"	55	57	53	59	78	78	86	89	129	140
Aerial output (ERP)	kW	0.4 - 30	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
Weekly transmission time	Hour	800	800	500	500	672	672	1,008	2,016	2,016	2,016
Television sets licensed											
Isl. of Mauritius	Number	192,711	214,574	216,691	219,282	230,676	236,551	253,126	254,000	268,875	269,166
Isl. of Rodrigues	"	3,770	4,104	4,356	4,575	4,760	4,934	6,286	6,300	6,880	8,228
Private operators	"	...	...	3	3	3	3	2	2	2	2

<sup>1</sup> Revised

<sup>2</sup> Includes 6 digital

**Table 6.28 - Telephone services (end of period), 1997 - 2006**

	<b>Unit</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Total line capacity of local exchanges	Number	264,627	267,788	268,210	299,034	315,000	335,000	351,146	368,481	396,797	446,797
Main telephone lines in operation	"	222,747	243,630	257,099	284,604	306,773	325,774	348,202	353,808	357,490	357,340
Cellular mobile telephone subscribers	"	44,000	61,000	80,000	126,600	278,500	366,438	466,327	547,831	656,828	772,395
National telephone traffic (calls) <sup>1</sup>	000	527,000	579,000	636,000	506,630	511,573	539,243	543,041	534,531	543,284	537,137
International outgoing telephone traffic:											
(a) calls	000	7,298	8,259	9,676	10,727	11,179	12,627	13,406	14,831	19046 <sup>1</sup>	19,701
(b) duration	"000 minutes	24,642	27,626	31,474	34,641	35,535	36,516	43,416	45,539	58450 <sup>1</sup>	59,741

Information & Communication Technologies Authority (ICTA)

<sup>1</sup> Revised

**Table 6.29 - Health related statistics, 2000 - 2006**

Year	2000	2001	2002	2003	2004	2005	2006
No of doctors ( public sector ) <sup>1</sup>	663	694	703	765	775	777	856
No of doctors ( public and private sectors ) <sup>1</sup>	1,080	1,107	1,186	1,173	1,303	1,342	1,400
No of nurses and midwives ( public and private sector ) <sup>1</sup>	2,957	2,883	2,970	2,958	2,937	2,893	3,070
No of beds ( public and private sectors )	4,391	4,297	4,350	4,038	4,073	4,067	4,267
No of children immunised against Tuberculosis <sup>2</sup>	16,923	16,611	16,658	17,021	16,424	16,147	14,700
No of children immunised against DPT ( diphtheria, pertussis, tetanus ) & Hepatitis B 3 <sup>rd</sup> dose <sup>2</sup>	16,925	17,381	16,895	17,036	16,161	15,670	14,756
No of children immunised against Polio 3 <sup>rd</sup> dose <sup>2</sup>	16,962	17,441	16,937	17,077	16,246	15,747	14,780
No of children immunised against Measles/Mumps/Rubella ( MMR ) <sup>2</sup>	16,354	16,846	16,190	17,309	16,184	15,750	15,176
No of cases of ( Imported ) Malaria reported	62	62	38	40	45	35	38
No of cases of ( Introduced ) Malaria reported	-	3	1	-	3	1	-

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

<sup>1</sup> Republic of Mauritius

<sup>2</sup> 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 <sup>1</sup>	22,780	40,995	63,775
Not stated	5	-	5

<sup>1</sup> 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, 1997 - 2006**

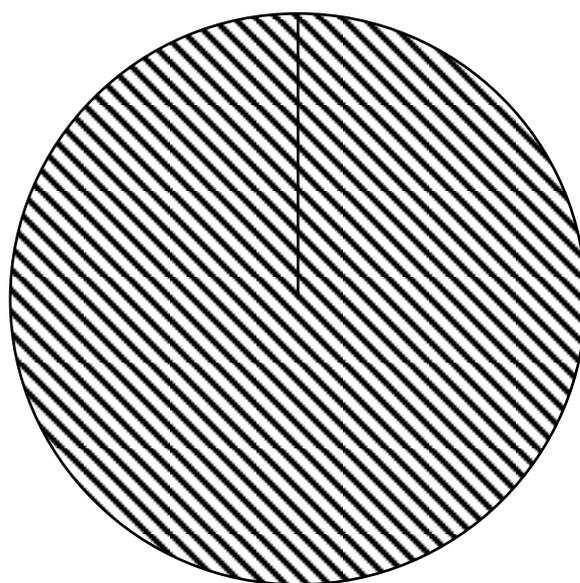
Category	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006 <sup>1</sup>
Noise	86	150	121	555	821	458	583	444	342	178
Solid waste	35	85	57	586	758	88	88	177	201	137
Air pollution	18	47	32	71	188	229	209	129	154	61
Waste water	35	60	32	150	210	286	155	180	289	92
Odour	24	64	56	251	417	406	344	328	272	121
Other <sup>2</sup>	85	86	93	293	657	189	389	447	215	224
Total	283	492	391	1,906	3,051	1,656	1,768	1,705	1,473	813

Source : Ministry of Environment and National Development Unit

<sup>1</sup> provisional

<sup>2</sup> Includes bare lands, illegal constructions, construction works, trading without licence, radiations, objections for giving licences, road obstructions and flooding

**Fig. 25 - No. of complaints received at the Pollution Prevention and Control Division of the Department of Environment by category, 2006**



**Table 6.34 - Contraventions and notices established by Police De L'Environnement, 2004 - 2006**

Type of contravention	2004	2005	2006
Illegal Littering	4,422	3,624	9,427
Illegal Dumping	19	14	32
Noise	63	30	0
Smoking in prohibited area	77	38	63
Waste carriers offences	64	18	21
Setting fire within 50 metres from building/plantation	11	4	3
Obstruction	27	10	1
Road Traffic Offences	195	193	372
Trading without licence	100	56	47
Allowing animal to stray	15	10	0
Disturbance	3	1	1
Others	13	15	46
<b>Total</b>	<b>5,009</b>	<b>4,013</b>	<b>10,013</b>
No. of notices issued to drivers of vehicles emitting black smoke	4,172	5,156	6,236

Source: Ministry of Environment and National Development Unit.

**Table 6.35 - Employment by industrial group <sup>1</sup> and sex, March 2006, Republic of Mauritius**

Industrial group	Male	Female	Both sexes
<u>Agriculture, forestry and fishing</u>	<u>18,052</u>	<u>3,584</u>	<u>21,636</u>
Sugarcane	11,369	2,428	13,797
Tea	108	178	286
Tobacco	41	99	140
Flower growing	144	223	367
Fishing	903	60	963
Animal Farming	721	100	821
Agricultural & animal husbandry services	3,704	387	4,091
Forestry, logging & related service activities	1,029	19	1,048
Other	33	90	123
<u>Mining and quarrying</u>	<u>90</u>	<u>90</u>	<u>180</u>
<u>Manufacturing</u>	<u>43,626</u>	<u>47,395</u>	<u>91,021</u>
Food:			
Meat and fish processing	3,518	3,457	6,975
Bread	688	118	806
Sugar confectionery, biscuits and other farinaceous products	447	511	958
Sugar	1,990	18	2,008
Tea	137	37	174
Other	68	146	214
Beverage and tobacco:			
Distilleries & cigarette manufacture	353	94	447
Wine and beer	1,279	139	1,418
Soft drinks	666	52	718
Textiles	4,212	2,601	6,813
Wearing apparel (except footwear)	16,496	33,005	49,501
Leather products	166	565	731
Footwear	232	149	381
Wood products (except furniture)	348	190	538
Paper products	566	150	716
Printing and publishing	1,855	916	2,771
Chemical products	1,756	477	2,233
Rubber products	146	40	186
Plastic products	1,119	441	1,560
Non-metallic mineral products:			
Stone and concrete	1,168	94	1,262
Other	204	62	266
Basic metals	335	26	361
Fabricated metal products	1,880	297	2,177
Machinery & equipment	483	51	534
Electrical machinery & apparatus	411	199	610
Radio, television & communication equipment	80	51	131
Medical, optical & photographic equipment	372	550	922
Watches and clocks	286	483	769
Transport equipment	463	26	489

<sup>1</sup> Large establishment

**Table 6.35(cont'd)-Employment by industrial group <sup>1</sup> and sex, March 2006, Republic of Mauritius**

Industrial group	Male	Female	Both sexes
Furniture	788	138	926
Jewellery and related articles	823	1,201	2,024
Other manufacturing industries	291	1,111	1,402
<u>Electricity, gas and water</u>	<u>2,824</u>	<u>164</u>	<u>2,988</u>
<u>Construction</u>	<u>12,345</u>	<u>580</u>	<u>12,925</u>
<u>Wholesale &amp; retail trade, repair of m/vehicles, motorcycles, personal &amp; household goods</u>	<u>12,395</u>	<u>5,718</u>	<u>18,113</u>
Maintenance & repair of motor vehicles & motorcycles	266	39	305
Sale of motor vehicles, motor cycles & related parts; automotive fuel	1,380	293	1,673
Wholesale trade	6,132	1,981	8,113
Retail trade	4,617	3,405	8,022
<u>Hotels and restaurants</u>	<u>16,298</u>	<u>5,043</u>	<u>21,341</u>
Hotels	15,289	4,630	19,919
Restaurants	1,009	413	1,422
<u>Transport, storage &amp; communication</u>	<u>14,927</u>	<u>3,406</u>	<u>18,333</u>
Bus transport	5,501	137	5,638
Other land transport	737	166	903
Water & air transport	2,033	1,049	3,082
Cargo handling, storage & warehousing & related activities	3,290	540	3,830
Travel agencies & tour operators	711	708	1,419
Post & telecommunication	2,655	806	3,461
<u>Financial intermediation</u>	<u>4,910</u>	<u>4,099</u>	<u>9,009</u>
Banking	3,064	2,443	5,507
Insurance	1,240	1,104	2,344
Other	606	552	1,158
<u>Real estate, renting and business activities</u>	<u>9,696</u>	<u>5,145</u>	<u>14,841</u>
Real estate & renting of equipment	252	99	351
Computer services	1,734	1,868	3,602
Accounting & consultancy services	1,000	874	1,874
Architectural & engineering services	976	154	1,130
Advertising services	152	96	248
Security services	4,017	176	4,193
Other	1,565	1,878	3,443
<u>Public administration &amp; defence; compulsory social security</u>	<u>31,130</u>	<u>9,168</u>	<u>40,298</u>
<u>Education</u>	<u>11,432</u>	<u>12,613</u>	<u>24,045</u>
<u>Health and social work</u>	<u>6,494</u>	<u>6,176</u>	<u>12,670</u>
Health services	5,776	5,414	11,190
Social work activities	718	762	1,480
<u>Other community, social and personal services</u>	<u>4,627</u>	<u>1,565</u>	<u>6,192</u>
Cleaning services	1,630	313	1,943
Recreational & sporting activities	2,416	930	3,346
Other	581	322	903
<b>Total</b>	<b>188,846</b>	<b>104,746</b>	<b>293,592</b>

<sup>1</sup> Large establishment

**Table 6.36 - Number of accidents by economic activity, bodily location and agency, Republic of Mauritius, ( July 2005 - June 2006 )**

Economic Activity	Bodily Location <sup>1</sup>										Material Agency							
	1.Head	2.Neck(including spine & vertebrae in neck)	& 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	177	11	137	35	321	227	1	11	26	<b>946</b>	77	51	23	75	534	10	176	<b>946</b>
Fishing	0	0	0	0	0	1	0	0	0	<b>1</b>	0	0	0	0	1	0	0	<b>1</b>
Mining & quarrying	0	0	0	0	0	0	0	0	0	<b>0</b>	0	0	0	0	0	0	0	<b>0</b>
Manufacturing	49	5	26	11	202	125	3	3	20	<b>444</b>	96	55	26	25	152	19	71	<b>444</b>
Electricity, gas & water supply	0	0	0	0	1	1	0	0	0	<b>2</b>	1	0	1	0	0	0	0	<b>2</b>
Construction	77	5	54	10	255	199	1	5	6	<b>612</b>	79	62	73	24	255	35	84	<b>612</b>
Wholesale and retail trade; repair of motor vehicles,motor cycles and personal and household goods	7	1	14	3	52	40	1	0	8	<b>126</b>	12	31	8	5	51	2	17	<b>126</b>
Hotels & restaurants	8	0	4	1	21	16	1	1	1	<b>53</b>	2	9	5	0	31	1	5	<b>53</b>
Transport, storage & communications	24	5	28	5	90	80	3	4	8	<b>247</b>	15	132	8	11	46	6	29	<b>247</b>
Financial intermediation	1	0	0	0	0	0	0	0	0	<b>1</b>	0	1	0	0	0	0	0	<b>1</b>
Real Estate, renting & business activities	2	0	2	0	20	24	0	0	11	<b>59</b>	7	17	4	1	23	1	6	<b>59</b>
Public administration & defence;compulsory social security	0	0	0	0	0	0	0	1	0	<b>1</b>	0	0	0	0	0	0	1	<b>1</b>
Education	0	0	0	0	0	2	0	0	0	<b>2</b>	0	0	0	0	0	1	1	<b>2</b>
Health & social work	3	1	5	0	2	1	0	0	0	<b>12</b>	2	2	0	0	7	0	1	<b>12</b>
Other community, social & personal service activities	0	0	0	1	4	1	0	0	0	<b>6</b>	0	4	0	0	2	0	0	<b>6</b>
Private households with employed persons	4	0	0	0	4	5	0	0	0	<b>13</b>	5	0	1	0	3	0	4	<b>13</b>
Extra-territorial organisations & bodies	0	0	0	0	0	0	0	0	0	<b>0</b>	0	0	0	0	0	0	0	<b>0</b>
<b>TOTAL</b>	<b>352</b>	<b>28</b>	<b>270</b>	<b>66</b>	<b>972</b>	<b>722</b>	<b>10</b>	<b>25</b>	<b>80</b>	<b>2,525</b>	<b>296</b>	<b>364</b>	<b>149</b>	<b>141</b>	<b>1,105</b>	<b>75</b>	<b>395</b>	<b>2,525</b>

<sup>1</sup> 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