

REPUBLIC OF MAURITIUS

Ministry of Finance and Economic Development

CENTRAL STATISTICS OFFICE

**DIGEST
OF
ENVIRONMENT STATISTICS
2005**

**November 2006
(Price Rs 150)**

DIGEST OF ENVIRONMENT STATISTICS – 2005

Foreword

This is the fourth 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 1996 to 2005, 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 research workers.

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.

H. Bundhoo
Director of Statistics

Central Statistics Office
Ministry of Finance and Economic Development
Port Louis
November 2006

Contact Person:

Mr A. Sookun

Statistician

Statistics Unit

Ministry of Environment and

National Development Unit

Level 5, Ken Lee Tower

Line Barracks Street

Port Louis

Telephone: 211-6235

Fax: 211- 4150

Email: csso@mail.gov.mu.

CONTENTS

		Page
	Technical Notes	9
	Concepts and Definitions	11
	Abbreviations and symbols	15
	Highlights	17
 CHAPTER 1 - FLORA		
Table	1.1 - Forest area by category, 1996 – 2005	27
	1.2 - Changes in forest land cover, 1996 and 2005	28
	1.3 - Local production, imports and consumption of timber, poles and fuelwood, 1996 – 2005	29
	1.4 - Forest fires and area affected, 1996 - 2005	30
	1.5 - Silvicultural operations carried out in state forest land plantations, 1996 - 2005.	32
	1.6 - List of land protected areas, Republic of Mauritius, 2005	33
	1.7 - Number of offences detected against forest laws by category, 1996 - 2005	34
	1.8 - Forest plantations by type of plants, 1996 – 2005	36
	1.9 - Number of seedlings raised, by species, at the nurseries of the Forestry Service, 1996 – 2005	37
	1.10 - Number of plants issued free or sold to the public by the Forestry Service, 1996 – 2005	39
	1.11 - Revenue and expenditure of the Forestry Service, 1996 – 2005	40
	1.12 - Selling rates of timber by type, class and category, 1996 – 2005	41
	1.13 - Private households using wood and charcoal for cooking, 1990 and 2000 Housing and Population Censuses, Republic of Mauritius.	42
 CHAPTER 2 - FAUNA		
	2.1 - Number of small breeders and livestock population by geographical district, as at June 2005	45
	2.2 - Livestock herd and poultry status by geographical district as at March 2005	46
	2.3 - Production of selected agro-industrial products, Republic of Mauritius, 1996 - 2005	48
	2.4 - Export of monkeys (<i>Macaca fascicularis</i>), feral and captive bred, 1996 - 2005	49
	2.5 - Fish production by type of fishery (in fresh - weight equivalent), 1996 - 2005	50
	2.6 - Annual fish catch of the coastal (artisanal) fishery by gear - type, 1996 - 2005	51

		Page
Table	2.7 - Number of active fishermen by gear - type, 1996 - 2005	52
	2.8 - Fisherman-days and total catch from the lagoon and off lagoon, 1996– 2005	53
	2.9 - Catch per fisherman-day, 1996 – 2005	54
	2.10 - Average price of fresh fish and other sea food, 1996 – 2005	55
	2.11 - Annual catch by banks, 1996 – 2005	56
	2.12 - Import ,export and trade balance of fish and fish products, 1996 – 2005	57
	2.13 - Total number and type of fishing vessels calling at Port Louis, 1996 – 2005	58
	2.14 - Per capita consumption of fish, 1996 – 2005	59
	2.15 - Cases of poisoning by noxious fish and shell fish, venomous animals and plants, 1996– 2005	60
	2.16 - List of fishable areas, Republic of Mauritius.	61
	2.17 - Percentage of substrate cover at various monitoring stations, 2004-2005	62
	2.18 - List of marine protected areas, 2005	63

CHAPTER 3 - ATMOSPHERE

	3.1 - Monthly mean maximum temperature, 1996 – 2005	67
	3.2 - Monthly mean minimum temperature, 1996 – 2005	68
	3.3 - Monthly mean values of humidity (%) with extremes for the year 2005	69
	3.4 - Monthly total hours of sunshine by region and station, 1996 - 2005	70
	3.5 - Ambient air quality monitoring at the fixed and mobile stations, 2003 - 2005	73
	3.6 - Total emissions and removal of greenhouse gases, , 2001 - 2005	73
	3.7 - Sectoral carbon dioxide emissions from fuel combustion activities, , 2002 – 2005	74
	3.8 - National inventory of greenhouse gases by source categories, 2004 - 2005	75
	3.9 - Consumption of controlled ozone-depleting substances by sector, 1996 -2005	76
	3.10 - Consumption of controlled ozone-depleting substances by type of substances, 1996 – 2005	78
	3.11 - Health services (as at 31st December), Republic of Mauritius, 1996 – 2005	80
	3.12 - Respiratory diseases registered in government hospitals, 1996 – 2005	81

	Page
Table 3.13 - Cases of asthma treated as in-patients in government hospitals , 1997 – 2005	82
3.14 - Death registered due to asthma, 1997 – 2005	82
3.15 - Cases of Asthma treated as in-patients in government hospitals by age group and sex, 2004 - 2005	83
3.16 - Death registered due to asthma by age group and sex, 2004 - 2005	84
3.17 - Households with members suffering from health problems related to air pollution by type of problem, Republic of Mauritius, 2001	84

CHAPTER 4 - WATER

4.1 - Monthly rainfall, averaged over all sugar zones, 1996 – 2005	87
4.2 - Yearly rainfall by region, 1996 – 2005	89
4.3 - Water balance, 1999 - 2005	90
4.4 - Water utilization, 2005.	91
4.5 - Fresh water abstractions by source, 1996 – 2005	92
4.6 - Characteristics of major reservoirs	93
4.7 - Gross storage capacity of reservoirs	94
4.8 - Percentage water level by month and reservoir, 2005	95
4.9 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2005	96
4.10 - Water sales by type of tariff of subscribers, 2001 - 2005	97
4.11 - Domestic per capita consumption of water, 1996 – 2005	98
4.12 - Volume of water used by the CEB for hydropower generation, 1996 – 2005	99
4.13 - Guidelines for inland surface water quality	100
4.14 - River water quality by selected physico-chemical parameters for Grand River South East and Grand River North West, Jan-Nov 2002	101
4.15 - Range of levels of Nitrate-Nitrogen, Phosphate and COD for selected regions, 2005	102
4.16 - Volume of wastewater treated by public treatment stations, 1997 – 2005	103
4.17 - Water quality in coastal area - (Terre Rouge Rivulet Bird Sanctuary), 1999 – 2005	104
4.18 - Certain notifiable diseases reported to sanitary authorities, 1996 - 2005	105

	Page
Table 4.19 - Enteritis and other diarrhoeal diseases, 1996 - 2005	106
4.20 - Sea transport, 1996 - 2005	107
4.21 - Contraventions established by the National Coast Guard, 2005	108
4.22 - Mean sea surface temperature around the Island of Mauritius, 1996 – 2005	109
4.23 - Percentage distribution of households by type of water supply and other amenities available, Republic of Mauritius, 1990 and 2000 Housing Censuses	110

CHAPTER 5 - LAND

5.1 - Land use by category, 1986 and 1995	113
5.2 - Effective area under cultivation, 2003 - 2005	114
5.3 - Road network, 1998 – 2005	115
5.4 - No of accidents by severity of accident, 1996 – 2005	116
5.5 - Imports of fertilizers and pesticides, 1996 – 2005	117
5.6 - Consumption of fertilisers, 1996– 2005	118
5.7 - Land under irrigation, 1998 – 2005	119
5.8 - Number of permits and floor area by region, 2000 – 2005	120
5.9 - Number of permits and floor area by type of building, 2000 - 2005	121
5.10 - Number of permits and floor area by region for residential building, 2000 – 2005	122
5.11 - Number of permits and floor area by region for non - residential building, 2000 –2005	123
5.12 - Solid waste input by type at Mare Chicose landfill site, 2000 - 2005	124
5.13 - Monthly solid waste input by type at Mare Chicose landfill site, Jan - Dec 2005	125
5.14 - No. of EIA and PER licenses granted by type of project, 2001 – 2005	126
5.15 - Number of establishments by industrial group, Republic of Mauritius, 2000 - 2005	127

CHAPTER 6 - HUMAN SETTLEMENTS

	Page
Table 6.1 - Main socio-economic indicators, 1996 and 2005	131
6.2 - Evolution of the population by urban/rural residence and sex between 1990 and 2000 censuses	132
6.3 - Evolution of the population by geographical district and sex between 1990 and 2000 censuses	133
6.4 - Age distribution of the population as enumerated at the 1990 and 2000 censuses	134
6.5 - Population growth in intercensal periods, Republic of Mauritius 1851 - 2000	135
6.6 - Growth of the resident population and vital statistics - Republic of Mauritius, 1996 - 2005	136
6.7 - Life expectancy at birth, 1996- 2005	137
6.8 - Infant mortality rate by geographical district, 1996 - 2005	138
6.9 - Total number of buildings, residential and partly residential buildings, housing units, households and population, 1990 and 2000 Censuses	139
6.10 - Distribution of buildings by type, 1990 and 2000 Censuses	139
6.11 - Residential and partly residential buildings by type of construction materials, 1990 and 2000 Housing censuses	140
6.12 - Distribution of housing units by occupancy status and type of vacancy, 1990 and 2000 Housing Censuses	140
6.13 - Main energy indicators, Republic of Mauritius, 1996 - 2005	141
6.14 - Primary energy requirement, (Energy unit), Republic of Mauritius, 1996-2005	142
6.15 - Imports of energy sources, (Energy unit), Republic of Mauritius, 1996 - 2005	143
6.16 - Fuel input for electricity production, (Energy unit), Republic of Mauritius, 1996 - 2005	145
6.17 - Final energy consumption by sector and type of fuel (Physical unit), Republic of Mauritius, 1996 - 2005	146
6.18 - Final energy consumption by sector (Energy unit), Republic of Mauritius, 1996 - 2005	147
6.19 - Percentage share of final energy consumption by sector, Republic of Mauritius, 1996 -2005	148
6.20 - Vehicles registered by type, 1996 - 2005	149
6.21 - Road traffic accidents and casualties, 1996 – 2005	151

	Page
Table 6.22 - Imports of motor spirit and gas oil by country of origin, 2001 - 2005	153
6.23 - Imports of lubricating oils and greases by country of origin, 2001 - 2005	155
6.24 - Air Transport, 1996 – 2005	156
6.25 - Tourist arrivals by mode of transport and tourists nights spend during period, 1996 - 2005	157
6.26 - Broadcasting services (end of period), Republic of Mauritius, 1996 – 2005	158
6.27 - Telephone services (end of period), 1996 – 2005	159
6.28 - Health related statistics, 1999 – 2005	160
6.29 - Percentage distribution of private households by amenities available, Republic of Mauritius, 1990 and 2000 Housing Censuses	161
6.30 - Percentage distribution of private households by method of refuse disposal, 1990 and 2000 Censuses	162
6.31 - Private households by principal fuel used for heating water for bathing, 2000 Housing and Population Census.	163
6.32 - No. of complaints received at the Pollution Prevention and Control Division of the Department of Environment by category, 1996 – 2005	164
6.33 - Contraventions and notices established by Police De L’Environnement, 2003 - 2005	165
6.34 - Employment by industrial group and sex, (Republic of Mauritius), March 2005	166
6.35 - Number of accidents by economic activity, bodily location and agency (July 2004 – June 2005), Republic of Mauritius	168
6.36 - Rating of the state of the environment by head of households surveyed, 2001, Republic of Mauritius.	169

ILLUSTRATIONS

Fig		Page
1 -	Forest fire incidents and area affected, 1996 – 2005	31
2 -	No. of offences detected against forest laws by category, 1996 - 2005	35
3 -	Percentage composition of forest plantations, 2005	36
4 -	Number of seedlings raised, by species, at the nurseries of the Forestry Service, 1996 - 2005	38
5 -	Number of plants issued freely or sold to the public by the Forestry Service, 1996 – 2005	39
6 -	Catch per fisherman-day, 1996 - 2005	54
7 -	Per capita consumption of fish, 1996 - 2005	59
8 -	Sectoral carbon dioxide emissions from fossil fuel, 2002 - 2005	74
9 -	Consumption of controlled ozone-depleting substances by sector, 1996 - 2005	77
10 -	Consumption of controlled ozone-depleting substances by type of substances, 1996 – 2005	79
11 -	Rainfall difference from normal 1999 - 2005	88
12 -	Water balance, 1998 - 2005	90
13 -	Water utilization, 2005	91
14 -	Domestic per capita consumption of water, 1996 - 2005	98
15 -	Contraventions established by National Coast Guard, 2005	108
16 -	Land use by category, 1995	113
17 -	Effective area under cultivation, 2003 -2005	114
18 -	Imports of fertilizers and pesticides, 1996 – 2005	117
19 -	Consumption of fertilizers (Nutrients), 1996 – 2005	118
20 -	Imports of energy sources, (Republic of Mauritius), 1996– 2005	144
21 -	Vehicles registered by type, 1996– 2005	150
22 -	Road traffic accidents and casualties rate, 1996 – 2005	152

Table	23 -	Imports of motor spirit and gas oil, 2001- 2005	154
	24 -	No. of complaints received at the Pollution Prevention and Control Division of the Department of Environment by category, 2005	164

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 1996 to 2005, 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

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

Weeding : Weeding is defined as the removal of unwanted plants, particularly at seedling stage.

Staking : Straightening of young plants bent during cyclones, using guava sticks.

Recruiting: Replacement of dead seedlings at the initial stage of growth.

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

Fauna

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

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

Atmosphere

Greenhouse gases (GHG): These gases occur naturally and result from human activities (production and consumption) that contribute directly or indirectly to global warming. Some main GHG are Carbon Dioxide (CO₂), methane (CH₄) and Nitrous Oxide (N₂O). Other gases such as Carbon monoxide (CO), oxides of Nitrogen (NO_x), non methane volatile organic compounds (NMVOC) and Sulphur dioxide contribute indirectly to global warming. GHG's 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 7 indicates acidity, a pH value in the range of 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 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) 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: the average number of years that a new born child would be expected to live if subjected to the mortality conditions expressed by a particular set of age-specific death rates.

ABBREVIATIONS AND SYMBOLS**Abbreviations**

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

Symbols

-	Nil or negligible
...	Not available

Conversion factor : 1 Square kilometre = 100 hectares

Environment Statistics - 2005

Highlights

1. Flora

1.1 Land area

Table 1.1 shows the forest area by category for the Island of Mauritius. In 2005, total forest area was 47,185 hectares, of which 22,185 (47%) were state-owned and the remaining 25,000 hectares (53%) were privately-owned.

Under the category state-owned, about 11,828 hectares were planted areas while the National Park and the nature reserves accounted for nearly 6,575 and 800 hectares respectively. Forest area under the category "Pas Geometriques" represented about 635 hectares.

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 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 6,575 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 620 hectares (4%).

2. Fauna

2.1 Livestock

Cattle, goat, sheep and pig represented the major livestock in the country. As at June 2005, goats dominated the livestock population with an estimated population of 18,308 heads (44%), followed by pigs, 15,746 (37%), cattle, 6,889 (16%) and sheep, 1,147 heads (3%) (Table 2.1).

2.2 Agro-industrial production

In 2005, production of beef was the leading contributor to the total livestock production (75%). The remaining livestock production was shared by pork (21%) and goat meat and mutton (4%). Poultry accounted for some 33,000 tonnes and milk production amounted to around 4 million litres (Table 2.3).

2.3 Fish catch and production

Table 2.5 shows a steady decline in fish production from 11,073 tonnes in 1996 to 9,190 tonnes in 2005. Compared to 2004, a decrease of 2.5% was noted in the fish production for the year 2005.

In 2005, fish production through coastal (artisanal) fishery amounted to 947 tonnes, that is 9% lower than last year. Basket trap accounted for 46% of the total catch, followed by line (30%) and large net (13%) (Table 2.6).

In 2005, the mean catch per day per fisherman (coastal) was 4.1 kilogram (Table 2.9).

2.4 Protected areas

The marine protected areas consist of marine parks, fishing reserves and wetland. In 2005, the area occupied by the fishing reserves was about 6,350 hectares, followed by the marine parks (838 hectares) and wetland (26 hectares) (Table 2.18).

3. Atmosphere

3.1 Air quality

In 2001, in order to address the air quality in Mauritius, the Ministry of Environment purchased fixed and mobile air quality stations. The fixed station is installed at Medco, Cassis since May 2001 and results of the mobile station from Mer Rouge, La Tour Koenig and Grande Riviere Nord Ouest are also available for the years 2004/2005.

The main parameters under investigation are Dust (PM₁₀), Ozone, Sulphur Dioxide, Nitrogen Dioxide, Carbon Monoxide, Total Suspended Particles and Lead.

The results for all the pollutants under study showed that the levels of ambient pollutants for the 24 hour averages were well below the norms (Table 3.5).

3.2 Greenhouse gas (GHG)

Mauritius as a party to the United Nations Framework Convention on Climate Change (UNFCCC) is updating and reporting periodically on 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

In 2005, some 3,000 thousand tonnes of Carbon Dioxide, the major greenhouse gas, were emitted in the atmosphere while only 223.7 thousand tonnes were removed. Thus net emission amounted to 2,772 thousand tonnes, representing an increase of 8% over last year (Table 3.6).

The emissions of minor greenhouse gases were as follows: Carbon Monoxide (66.4 thousand tonne), Sulphur Dioxide (33 thousand tonne), Non-Methane volatile organic compound (18.3 thousand tonne), Oxides of Nitrogen (15.4 thousand tonne), Methane (12.5 thousand tonne) and Nitrous Oxide (1.3 thousand tonne).

3.2.2 Carbon dioxide emissions from fuel combustion activities.

Total Carbon dioxide emissions from fuel combustion activities increased by about 7% from 2,794 thousand tonnes in 2004 to 2,994 thousand tonnes in 2005. Carbon dioxide from energy production contributed 54% of the total, followed by transport, 28% and manufacturing industries, 12% (Table 3.7).

3.2.3 Greenhouse gas inventory

The national inventory of greenhouse gas emissions by source categories for the years 2004 and 2005 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.

3.3 Ozone-depleting substances

The consumption of ozone-depleting substances decreased by 3.5% from 172 metric tonnes in 2004 to 166 metric tonnes in 2005. 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

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 2005, the island of Mauritius received on average 4,424 million cubic metres (Mm^3) of precipitation (rainfall) which is an increase of about 5% over the previous year. Some 1,325 Mm^3 (30%) of this water was lost through evapotranspiration, while surface runoff and ground water recharge accounted for 2,654 Mm^3 (60%) and 442 Mm^3 (10%) respectively (Table 4.3).

4.2 Water utilisation

The water demand in 2005 was estimated at 1,022 Mm³, of which 466 Mm³ (46%) were used for agriculture (irrigation), 331 Mm³ (32%) for hydropower, 214 Mm³ (21%) for domestic, industrial and tourism purposes and 11 Mm³ (1%) for industrial (private boreholes) uses (Table 4.4).

Around 78 % of the total fresh water supply came from surface water (reservoirs, rivers and streams) and the remaining 22 % from groundwater (Table 4.5).

4.3 Water consumption

During the period 1996 to 2005, the domestic consumption of water rose from 160 to 168 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. Detailed data on land use for the island of Mauritius are available only for 1986 and 1995.

Between 1986 and 1995, 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 71,583 hectares in 2005 from 74,117 hectares in 2003 (-3.5%). During the same period area under tea plantation dropped to 670 hectares from 681 hectares (-1.6%) and area under tobacco fell to 348 hectares from 379 hectares (-8.2%) (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 amount of fertilisers consumed and its breakdown by main nutrient components are shown in Table 5.6. The consumption of fertilisers for the year 2005 amounted to 50,870 tonnes, showing a decrease of 10,396 tonnes (-17%) over 2004.

The nutrient contents consisted of nitrogen, phosphate and potash in the following proportions: nitrogen 33 %, phosphate 20 % and potash 47 %.

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.

The total amount of solid waste landfilled at Mare Chicose went up from 381,114 tonnes in 2004 to 382,330 tonnes in 2005, representing an increase of 0.3% (Table 5.12).

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

The Department of Environment grants EIA licences as from the end of 1993 and PER licences as from September 2002 for undertakings (projects) which have an impact on the environment or on human health. These undertakings are listed in the First Schedule of the Environment Protection Act, 2002.

The number of EIA licences issued during the period 2001 to 2005 and number of PER licences issued as from 2004 are shown in Table 5.14. In 2005, 55 EIA licences were granted, compared with 85 in 2004. EIA licenses for land parcelling and coastal hotels and related works accounted for 34% and 18 % of the total licences respectively.

There were 88 PER licences issued in 2005 compared to 119 in 2004, representing a decrease of 26%. The majority of the PER licences granted in 2005 were for poultry rearing and land parcelling, accounting for 25% and 18% of the projects respectively.

6. Human settlement

6.1 The economy

Table 6.1 provides some key environment and socio-economic indicators in order to show the structural changes that have occurred in the country during the last decade.

From 1996 to 2005, Gross Domestic Product (GDP), which measures the total value of production, has increased in nominal terms from Rs 79,365 million to Rs 185,487 million. The share of agriculture in GDP decreased from 10.2% in 1996 to 5.9% in 2005, that of manufacturing, from 23.4% to 19.7% while that of the financial and business services increased from 6.3% to 10.3%.

During the same period, the population increased by 10.1% from 1,134,000 to 1,248,600 and the population density from 560 to 650 per km².

6.2 Energy

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

6.2.1 Primary energy requirement

The total primary energy requirement of the country increased by 2.9% from 1,256 ktoe in 2004 to 1,293 ktoe in 2005. Around 80% of the total primary energy requirement was met by imported fuels (oil, LPG and coal) and the remaining 20%, 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

The different types of fuel used for electricity production expressed in energy units are shown in Table 6.16. Fuel oil, which represented about 207 ktoe (36%) of total energy used in 2004, decreased by 2.4% to stand at 202 ktoe (33%) in 2005 while the amount of bagasse used also declined by 3.4%.

6.2.3 Final energy consumption

In 2005, final energy consumption reached around 846 ktoe, an increase of about 1% over the figure of 838 ktoe in 2004. Changes in the different sectors were as follows: “Commercial and Distributive Trade” (+8%), “Transport” (+2.4%), “Household” (+4.1%), “Manufacturing” (-4%) and the agricultural sector (+7%) (Table 6.18).

The largest consumers were the transport and manufacturing sectors, which accounted for 49% and 29% 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 2005, petroleum products used for transportation were as follows; 166,510 tonnes of diesel oil, 92,673 tonnes of gasoline, 6,726 tonnes of liquefied petroleum gas (LPG) and 137,560 tonnes of aviation fuel (Table 6.17).

6.3 Stock of registered motor vehicles

In 2005, the fleet of motor vehicles reached 305,496, up by 4.8% over the year 2004 (Table 6.20).

6.4 Complaints

The number of complaints by category received by the Pollution Prevention and Control Division at the Department of Environment for the years 1996 to 2005 is shown in Table 6.32. The number of complaints rose from 392 in 1996 to 1,473 in 2005. The major causes for complaints were noise (23%) and waste water (20%).

6.5 Contraventions

In 2005, the Police de L'Environnement issued 4,013 contraventions of which illegal littering accounted for 90% (3,624).

During the same period, 5,156 notices were issued to drivers of vehicles emitting black smoke (Table 6.33).

CHAPTER 1

FLORA

Table 1.1 - Forest area by category, 1996 - 2005

	Hectares									
Category	1996	1997	1998	1999	2000	2001	2002	2003	2004 ¹	2005
State - owned	22,519	22,519	22,519	22,492	22,089	22,089	22,089	22,068	22,200	22,185
Plantations	12,635	12,672	12,609	12,608	12,359	12,362	12,418	12,256	11,816	11,828
Nature reserves	4,585	799	799	799	799	799	799	799	799	799
<i>on mainland</i>	4,018	200	200	200	200	200	200	200	200	200
<i>islets</i>	567	599	599	599	599	599	599	599	599	599
National Park ²	-	6,574	6,574	6,574	6,574	6,574	6,574	6,574	6,574	6,574
Unplantable, protective or to be planted	4,647	1,822	1,885	1,859	1,705	1,702	1,646	1,804	1,770	1,743
Pas Geometriques	652	652	652	652	652	652	652	635	635	635
<i>Plantations</i>	224	224	224	225	224	230	243	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	198	197	198	192	179	179	179	179
Privately - owned lands	34,540	34,540	34,540	34,540	34,540	34,540	34,540	34,540	25,000	25,000
Reserves	6,540	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
Other ³	28,000	27,987	27,987	27,987	27,987	27,987	27,987	27,987	18,447	18,447
Total	57,059	57,059	57,059	57,032	56,629	56,629	56,629	56,608	47,200	47,185

Source : Forestry Service, Ministry of Agro Industry and Fisheries

¹ Revised

² 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

³ Includes Plantations, forest lands, scrub and grazing lands. New estimates worked out in 2004

Table 1.2 - Changes in forest-land cover, 1996 and 2005

	Area (hectares)		% of total land area	
	1996	2005	1996	2005
Forests lands :	57,059	47,185	30.6	25.3
of which				
Plantations	12,557	11,828	6.7	6.3
Nature reserves	4,585	799	2.5	0.4
National park	-	6,574	-	3.5
Unplantable, protective or to be planted	4,725	1,743	2.5	0.9
Pas Geometriques	652	635	0.3	0.3
Other ¹	34,540	25,000	18.5	13.4

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

Table 1.3 - Local production, imports and consumption of timber, poles and fuelwood, 1996 - 2005

	cubic metre (roundwood)									
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Local Production	26,153	27,633	22,392	25,694	18,977	16,945	15,910	14,007	13,973	12,098
Timber	12,276	12,687	8,261	7,049	5,402	4,941	4,346	4,565	5,057	4,818
<i>State Lands</i>	<i>5,791</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>Private Lands</i> ¹	<i>6,485</i>	<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>
Poles	4,652	4,569	4,032	6,511	3,404	2,670	2,642	2,976	3,111	2,187
<i>State Lands</i>	<i>2,492</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>Private Lands</i> ¹	<i>2,160</i>	<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>
Fuelwood	9,225	10,377	10,099	12,134	10,171	9,334	8,922	6,466	5,805	5,093
<i>State Lands</i>	<i>7,350</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>Private Lands</i> ¹	<i>1,875</i>	<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>
Imports of timber ²	59,980	104,523	84,641	67,441	63,407	106,277	85,488	65,558	108,677	111,764
Total Consumption ³	86,133	132,156	107,033	93,135	82,384	123,222	101,398	79,565	122,650	123,862

Source : Forestry Service, Ministry of Agro Industry and Fisheries

¹ Estimates

² Roundwood equivalent

³ Excludes plywood, paper and other wood products.

Table 1.4 - Forest fires and area affected, 1996- 2005

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Number of incidents	32	44	35	34	23	40	37	27	14	16
Area affected (Ha)	202	197	157	133	117	122	116	134	93	61
of which										
<i>Protected areas</i>	26	6	62	12	33	67	44	13	-	4
<i>Unprotected areas</i>	176	191	95	121	84	55	72	121	93	57

Source : Forestry Service, Ministry of Agro Industry and Fishries

Fig.1 - Forest fires and area affected, 1996 - 2005

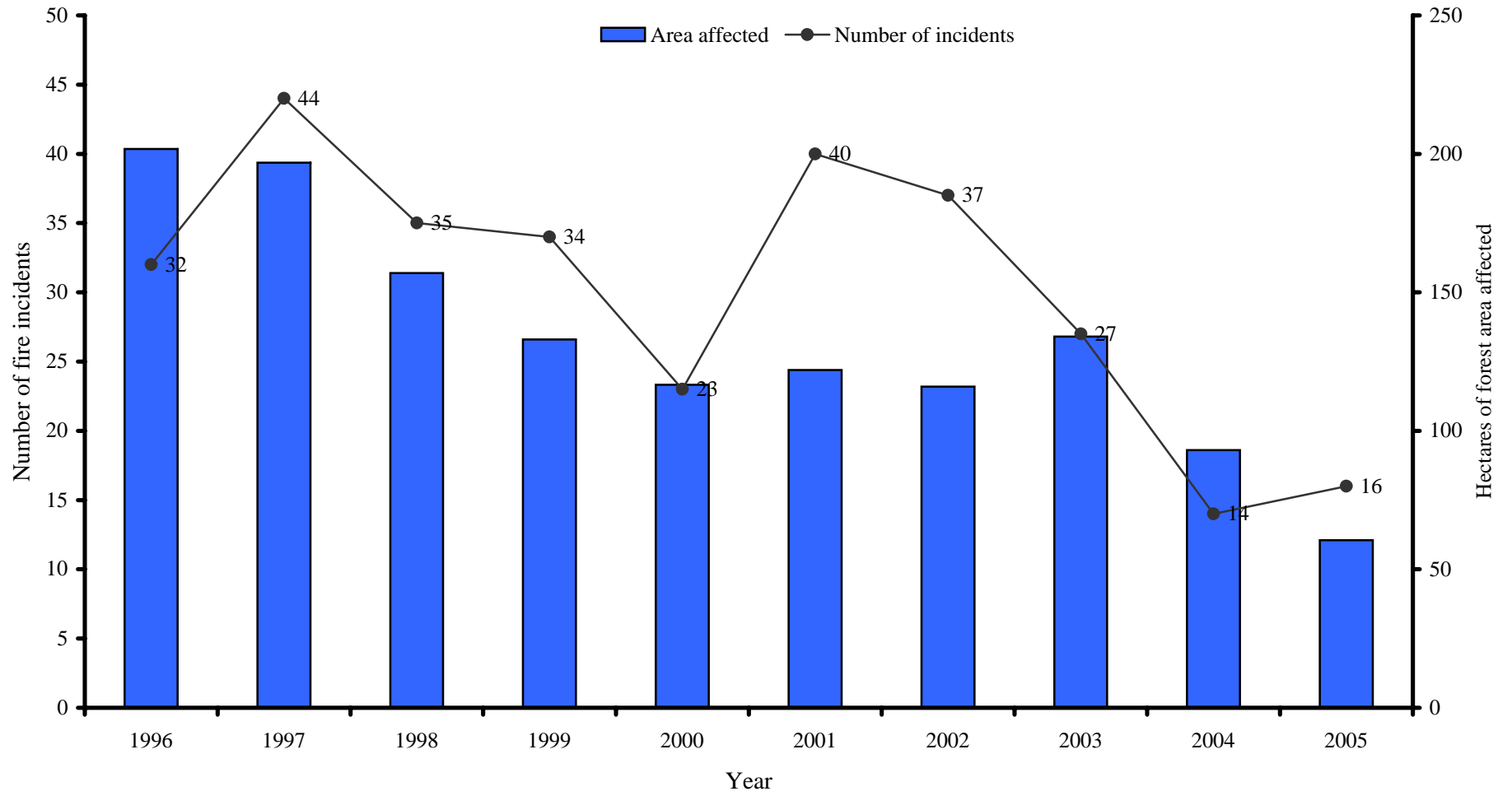


Table 1.5 - Silvicultural operations carried out in state forest land plantation, 1996 - 2005

Type of operation	Hectares									
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Clearing for planting	344	62	120	182	79	34	84	56	97	107
Planting	210	169	145	155	117	133	151	110	110	92
Weeding	682	685	606	361	649	596	490	402	300	282
Recruiting	446	473	395	251	533	462	394	391	298	222
Staking	559	25	208	337	372	14	629	30	15	35
Cleaning	826	452	542	508	498	718	606	744	586	484
Pruning	29	35	18	24	39	50	33	89	46	49

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, 2005

Hectares

Land protected areas	Area
Black River Gorges National Park	6,574
Reserves	472
Nature reserves (land)	225
Pouce	69
Perrier	2
Bois Sec	6
Gouly Pere	11
Corps de Garde	90
Cabinet	18
Les Mares	5
Grande Montagne (Rodrigues)	14
Anse Quitor (Rodrigues)	10
Islet National Park	134
Nature reserves (Islets)	621
Gunner's Quoin	76
Iles aux Aigrettes	25
Iles aux Serpents	31
Flat Island	253
Round Island	169
Gabriel Island	42
Illot Marianne	2
Iles aux Cocos (Rodrigues)	15
Iles aux Sables (Rodrigues)	8
Mountain Reserves (all privately owned)	3,800
River reserves (all privately owned)	2,740
Nature reserves (privately owned)	13
Mondrain	5
Sir Emile Series	8
Total	14,579

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 ¹ by category, 1996 - 2005

Category	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Unauthorised felling/removal	55	65	94	113	65	87	51	53	67	67
Illegal possession of wood	1	2	-	-	-	-	2	-	-	-
Encroachment	21	13	5	11	16	9	8	20	16	12
Illegal deposit of stones/materials	4	10	13	13	17	17	9	24	9	12
Illegal possession of implements	2	-	-	4	2	-	2	-	2	-
Erection of structures and others	3	2	5	15	2	8	12	10	5	20
Total	86	92	117	156	102	121	84	107	99	111

Source : Forestry Service, Ministry of Agro Industry and Fisheries

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

Fig. 2 - Number of offences detected against forest laws by category, 1996 - 2005

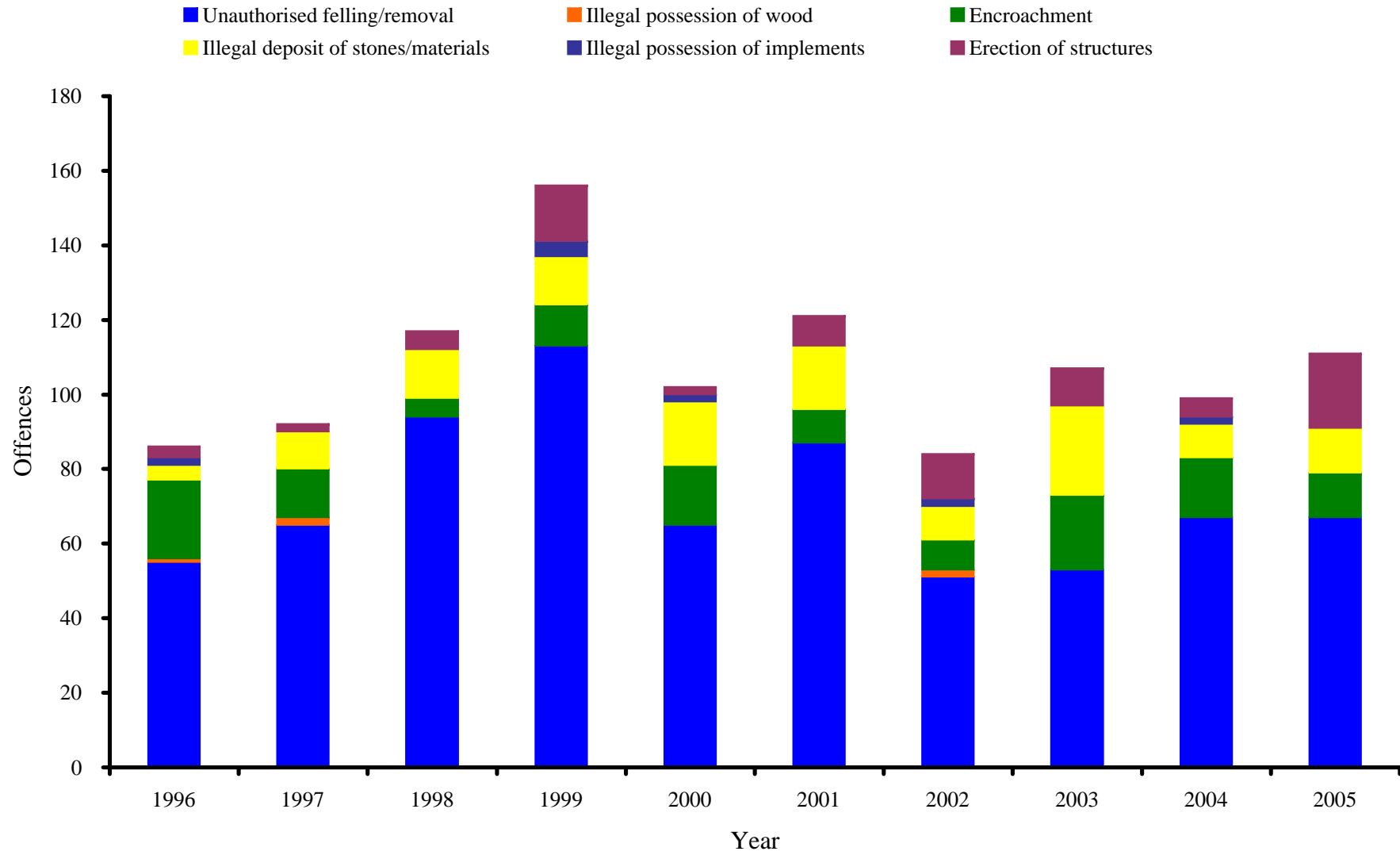


Table 1.8 - Forest plantations ¹ by type of plants, 1996 - 2005

Type of plant	Hectares									
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Soft wood										
Pine	8,195	8,232	8,169	8,192	8,078	8,035	8,062	8,113	8,136	8,143
Other softwood	1,601	1,601	1,601	1,601	1,597	1,599	1,609	1,609	1,609	1,612
Hardwood										
Eucalyptus and Casuarina	2,039	2,039	2,039	2,015	1,884	1,906	1,919	1,921	1,450	1,450
Other hardwood	800	800	800	800	800	822	828	839	847	849
Total	12,635	12,672	12,609	12,608	12,359	12,362	12,418	12,482	12,042	12,054

Source : Forestry Service, Ministry of Agro Industry and Fisheries

¹ State land

Fig. 3 - Percentage composition of forest plantations, 2005

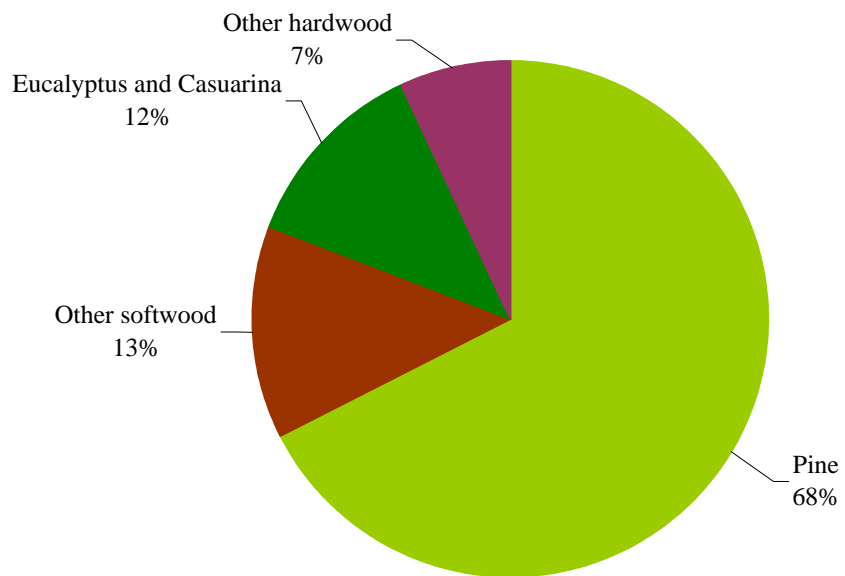


Table 1.9 - Number of seedlings raised, by species, at the nurseries of the Forestry Service, 1996 - 2005

Species	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Pine	554,298	545,670	404,306	622,154	465,060	393,768	300,119	313,293	133,162	222,975
Eucalyptus	219,999	156,461	180,444	113,500	75,510	57,871	47,018	10,000	11,400	12,535
Cryptomoria	40,000	-	4,471	15,455	3,285	4,100	14,531	6,265	14,722	8,820
Casuarina (Filao)	133,702	104,785	162,900	25,585	36,842	45,519	23,198	32,650	6,449	-
Araucaria	9,730	388	34	1,485	52,601	22,347	47,961	19,291	5,098	1,026
Juniper	7,759	-	-	842	-	-	818	-	55	-
Other ¹	306,214	129,149	262,650	135,828	299,612	228,313	193,063	231,219	189,397	264,990
Total	1,271,702	936,453	1,014,805	914,849	932,910	751,918	626,708	612,718	360,283	510,346

Source : Forestry Service, Ministry of Agro Industry and Fisheries

¹ includes ornamentals and indigenous forest trees

Fig. 4 -Number of seedlings raised, by species, at the nurseries of the Forestry Service, 1996 - 2005

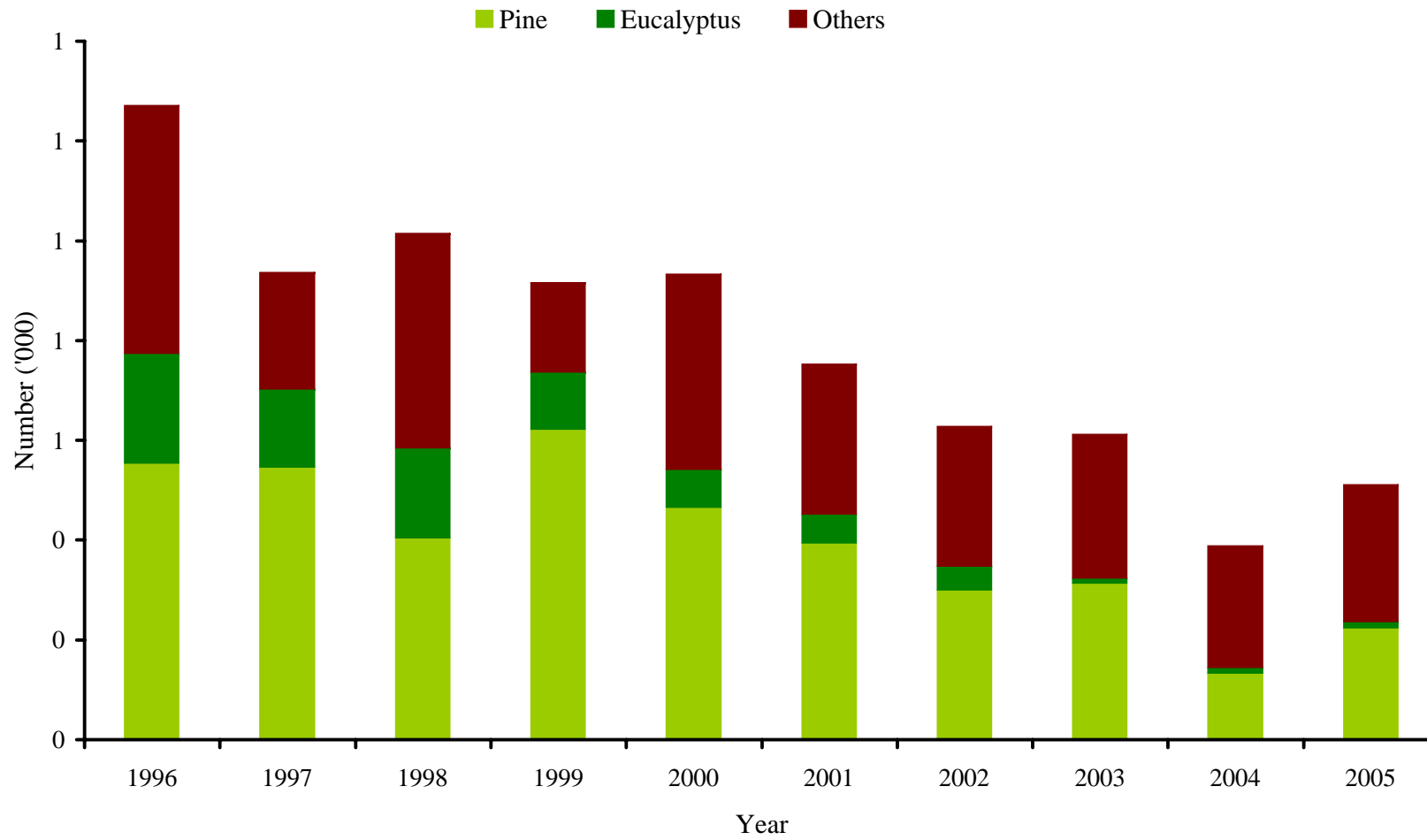


Table 1.10 - Number of plants issued free or sold to the public by the Forestry Service, 1996 - 2005

Year	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Free issue	18,371	14,154	34,018	15,869	24,754	14,384	16,523	18,181	11,820	13,888
Sold	196,085	79,805	139,912	86,790	126,681	125,823	134,393	138,320	129,768	107,573

Source : Forestry Service, Ministry of Agro Industry and Fisheries

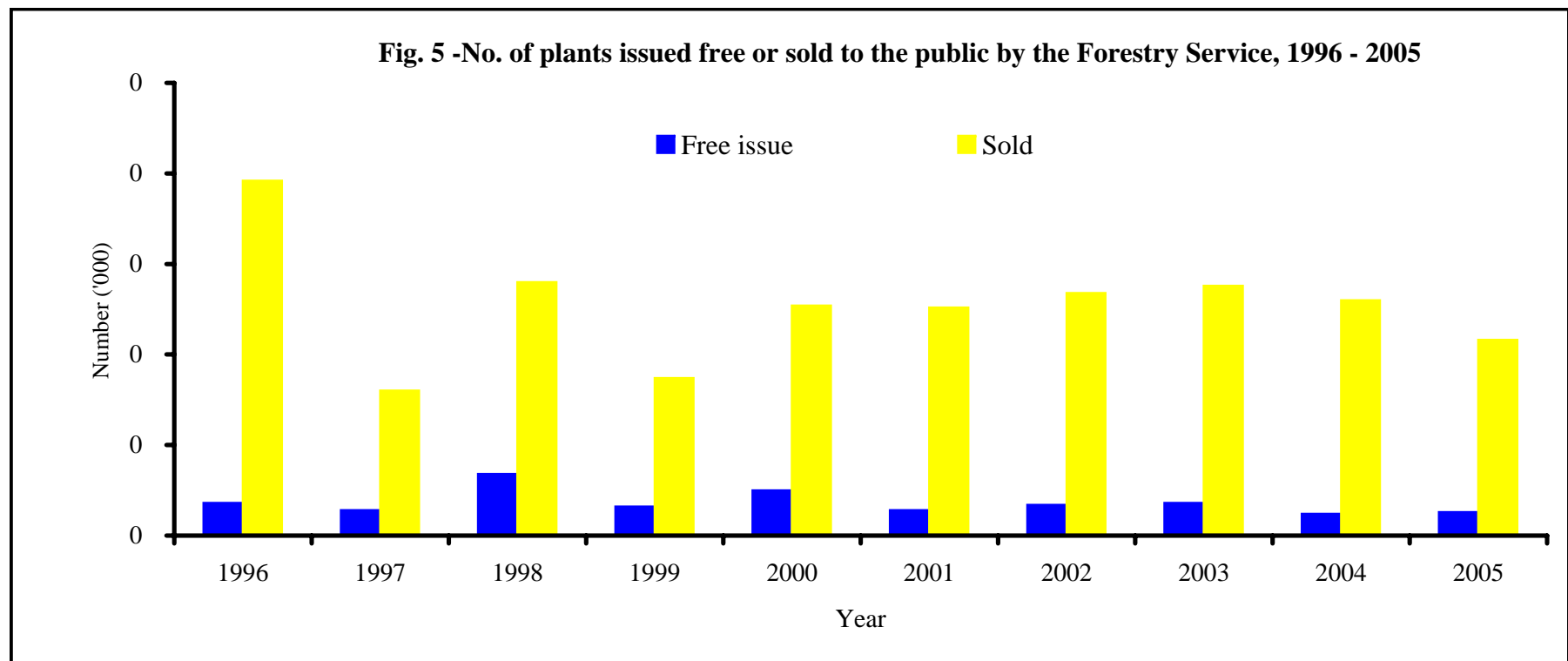


Table 1.11 - Revenue and expenditure¹ of the Forestry Service, 1996 - 2005

Rupees thousand

Revenue item	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Sales of forest produce	4,267	6,557	8,172	8,506	8,172	6,879	7,159	7,494	8,216	8,093
Shooting and fishing rights	1,055	1,085	1,056	1,061	1,056	1,955	2,153	3,157	3,357	5,087
Agro - forestry	1	-	9	9	9	-	-	-	-	-
Miscellaneous (Wood exploitation licence)	222	198	246	213	246	210	207	212	213	213
Total revenue	5,545	7,840	9,483	9,789	9,483	9,044	9,519	10,863	11,786	13,393
Total expenditure	98,825	107,365	115,201	135,202	115,201	125,460	128,419	137,738	147,595	148,221

Source : Forestry Service, Ministry of Agro Industry and Fisheries

¹ Total expenditure including both recurrent and capital expenditures.

Table 1.12 - Selling rates of timber by type, class ¹ and category ², 1996 - 2005

Rupees per cubic metre

Item	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Standing timber (basic royalty)										
Class I	1,430	1,430	1,430	1,640	1,640	1,640	1,810	1,810	1,960	1,960
Class II	880	880	880	1,010	1,010	1,010	1,110	1,110	1,200	1,200
Class III										
<i>Category I</i>	690	690	690	800	800	800	880	880	950	950
<i>Category II</i>	550	550	550	650	650	650	715	715	770	770
Class IV	250	250	250	300	300	300	330	330	360	360
Sound logs at roadside (basic royalty+labour)										
Class I	2,090	2,090	2,090	2,400	2,400	2,400	2,640	2,640	2,850	2,850
Class II	1,540	1,540	1,540	1,770	1,770	1,770	1,950	1,950	2,110	2,110
Class III										
<i>Category I</i>	1,430	1,430	1,430	1,640	1,640	1,640	1,810	1,810	1,960	1,960
<i>Category II</i>	1,210	1,210	1,210	1,390	1,390	1,390	1,530	1,530	1,650	1,650
Class IV	940	940	940	1,080	1,080	1,080	1,190	1,190	1,290	1,290
Sound logs at Curepipe timber store (basic royalty+labour+transport)										
Class I	3,080	3,080	3,080	3,540	3,540	3,540	3,900	3,900	4,210	4,210
Class II	2,530	2,530	2,530	2,910	2,910	2,910	3,200	3,200	3,460	3,460
Class III										
<i>Category I</i>	2,200	2,200	2,200	2,530	2,530	2,530	2,780	2,780	3,000	3,000
<i>Category II</i>	1,760	1,760	1,760	2,020	2,020	2,020	2,220	2,220	2,400	2,400
Class IV	1,540	1,540	1,540	1,770	1,770	1,770	1,950	1,950	2,110	2,110

Source : Forestry Service, Ministry of Agro Industry and Fisheries

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

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

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

CHAPTER 2

FAUNA

Table 2.1 - Number of small breeders and livestock population by geographical district as at June 2005

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	265	788	624	4,082	18	85	37	1,031
Riviere du Rempart	430	1,031	620	4,682	8	300	54	397
Flacq	427	996	783	5,038	15	196	59	2,370
Plaines Wilhems	149	759	67	464	-	-	11	552
Moka	143	504	41	285	-	-	8	155
Grand Port	157	618	265	1,634	6	75	60	1,041
Savanne	46	199	146	923	7	155	13	423
Black River	151	1,603	82	779	4	315	144	7,083
Port - Louis	30	391	44	421	3	21	65	2,694
Total	1,798	6,889	2,672	18,308	61	1,147	451	15,746

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 2005

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	265	283	17	197	291	788	37	33	192	421	385	1,031
Riviere du Rempart	430	452	101	276	202	1,031	54	18	54	121	204	397
Flacq	427	365	235	252	144	996	59	32	180	389	1,769	2,370
Plaines Wilhems	149	224	84	154	297	759	11	10	71	133	338	552
Moka	143	199	78	173	54	504	8	5	24	40	86	155
Grand Port	157	149	76	195	198	618	60	0	160	409	472	1,041
Savanne	46	93	10	64	32	199	13	11	46	155	211	423
Black River	151	155	87	94	1,267	1,603	144	152	913	2,311	3,707	7,083
Port Louis	30	180	70	60	81	391	65	43	258	1,062	1,331	2,694
Total	1,798	2,100	758	1,465	2,566	6,889	451	304	1,898	5,041	8,503	15,746

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 2005

District	Sheep					Goat					Poultry ¹			
	No. of farmers	Ewes	Ram	Followers	Total no. of heads	No. of farmers	Bucks	Does	Kids	Total no. of heads	No. of farmers	Broilers	No. of farmers	Layers
Pamplemousses	18	36	27	22	85	624	1,254	1,383	1,445	4,082	34	45,389	31	62601
Riviere du Rempart	8	180	47	73	300	620	1,301	1,601	1,780	4,682	25	26,250	66	15200
Flacq	15	79	40	77	196	783	1,549	1,570	1,919	5,038	76	48,824	50	26261
Plaines Wilhems	0	0	0	0	0	67	121	185	158	464	34	96,600	30	63072
Moka	0	0	0	0	0	41	68	102	115	285	35	111,500	19	88975
Grand Port	6	15	40	20	75	265	478	603	553	1,634	27	11,610	25	8077
Savanne	7	33	88	34	155	146	235	400	288	923	32	114,305	30	121743
Black River	4	57	216	42	315	82	197	320	262	779	19	19,950	18	12330
Port Louis	3	8	5	8	21	44	100	169	152	421	3	1,250	9	6060
Total	61	408	463	276	1,147	2672	5303	6333	6672	18308	285	475,678	278	404319

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

¹ Exclude industrial farm

Table 2.3 - Production of selected agro-industrial products, Republic of Mauritius, 1996 - 2005

Detail	Unit	1996	1997	1998	1999	2000	2001	2002	2003	2004 ¹	2005 ²
Beef ³	tonnes	2,321	2,274	2,516	2,575	2,538	2,248	2,428	2,505	2,456	2,484
<i>Local (including Rodrigues)</i>	"	586	295	340	279	240	375	208	202	137	73
<i>Imported</i>	"	1,735	1,979	2,176	2,296	2,298	1,873	2,221	2,303	2,319	2,411
Goat meat and mutton ³	"	140	128	118	125	102	114	114	107	107	111
Pork ³	"	1,112	948	752	678	891	882	756	785	743	709
Poultry	"	20,100	20,825	18,300	20,900	25,600	27,200	29,305	30,000	33,000	33,000
Milk	'000 Litres	6,600	6,000	5,500	5,000	4,000	4,000	4,000	4,000	4,000	4,000

¹ Revised

² Provisional

³ abattoir slaughters only

Table 2.4 - Export of monkeys (*Macaca fascicularis*), feral and captive bred, 1996 - 2005

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Number of animals	6,084	5,998	7,578	6,381	7,870	7,050	5,731	7,740	7,621	9,008
Tax on export (US \$ ¹)	324,950	304,200	380,800	280,700	363,200	352,500	286,550	387,000	381,050	630,560
Number of export permits issued ²	1,143	1,528	1,315	210	309	239	112	181	206	226

Source : National Parks and Conservation Service , Ministry of Agro Industry and Fisheries

¹ The value in US \$ refers to the contribution paid to the National Parks and Conservation Fund by companies exporting monkeys

² The value from 1996 to 1998 includes other animals also (e.g bats, birds etc), while values from 1999 onwards are for monkeys only.

Table 2.5 - Fish production by type of fishery (in fresh - weight equivalent) , 1996 - 2005

		Tonnes									
Type of fishery	Type	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Artisanal fishery											
Island of Mauritius	Fresh	1,616	1,246	1,229	1,225	1,360	1,075	1,302	1,166	1,043	947
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	33	12	13	10	5	6	7	6	4	4
Ponds (prawn and fish)											
	Fresh	132	105	93	71	82	52	39	27	433	370
Offshore demersal fishery											
Shallow water banks	Frozen	5,033	4,831	3,731	4,297	4,303	3,366	3,943	3,713	3,216	2,178
Banks deep water snappers	Fresh	-	85	226	-	55	329	5	-	-	-
St Brandon inshore	Frozen & salted	435	562	594	557	497	557	491	578	311	414
Semi - industrial chilled fish	Chilled	59	95	102	172	185	188	204	234	178	223
Tuna fishery											
	Frozen	2,815	4,435	2,848	3,304	417	-	219	1,118	1,640	1,402
Sword fish fishery											
	Chilled	-	-	-	-	21	87	45	111	61	118
Demersal trawlers											
	Frozen	-	-	-	-	-	2,184	2,113	1,806	1,595	2,584
Total		11,073	12,321	9,786	10,586	7,875	8,794	9,318	9,709	9,431	9,190

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 2.6 - Annual fish catch of the coastal (artisanal) fishery by gear - type, 1996 - 2005

Gear-type	Tonnes									
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Basket trap	385.4	384.7	394.4	282.0	404.9	357.5	450.8	492.6	425.3	433.8
Line	345.8	300.7	264.2	339.1	503.2	368.4	429.3	373.4	285.8	288.8
Basket trap and Line	391.0	237.3	212.3	156.0	83.3	59.1	91.8	17.5	54.9	16.8
Large net	306.9	163.3	217.1	294.7	230.7	172.9	183.4	160.6	168.1	121.5
Gill net	28.8	16.6	16.8	16.0	12.8	11.4	25.3	13.6	11.3	8.2
Cast net/Harpoon/on foot	158.6	143.5	123.9	137.1	125.1	105.9	121.1	108.1	97.4	78.2
Total	1,616.5	1,246.1	1,228.8	1,224.8	1,360.0	1,075.2	1,301.7	1,165.8	1,042.8	947.3

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

Table 2.7 - Number of active fishermen by gear - type, 1996 - 2005

Gear-type	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Basket trap	572	413	242	256	286	519	501	473	445	493
Line/Harpoon	742	844	451	523	642	678	734	749	896	789
Basket trap and Line	927	633	561	609	559	610	600	670	736	689
Large net	478	426	270	270	226	180	165	177	159	189
Gill net	83	77	23	27	28	27	28	17	20	14
Cast net	61	55	38	31	-	-	-	-	-	-
Total	2,863	2,448	1,585	1,716	1,741	2,014	2,028	2,086	2,256	2,174

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

Table 2.8 - Fisherman-days and total catch ¹ from the lagoon and off lagoon, 1996 - 2005

Year	Fisherman-days			Catch (tonnes)
	Lagoon	Off lagoon	Total	
1996	260,914	115,742	376,656	1,616
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

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

¹ Coastal (artisanal) fishery

Table 2.9 - Catch per fisherman-day, 1996 - 2005

Kilogram			
Year	Lagoon	Off - lagoon	Mean
1996	3.9	5.4	4.3
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

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

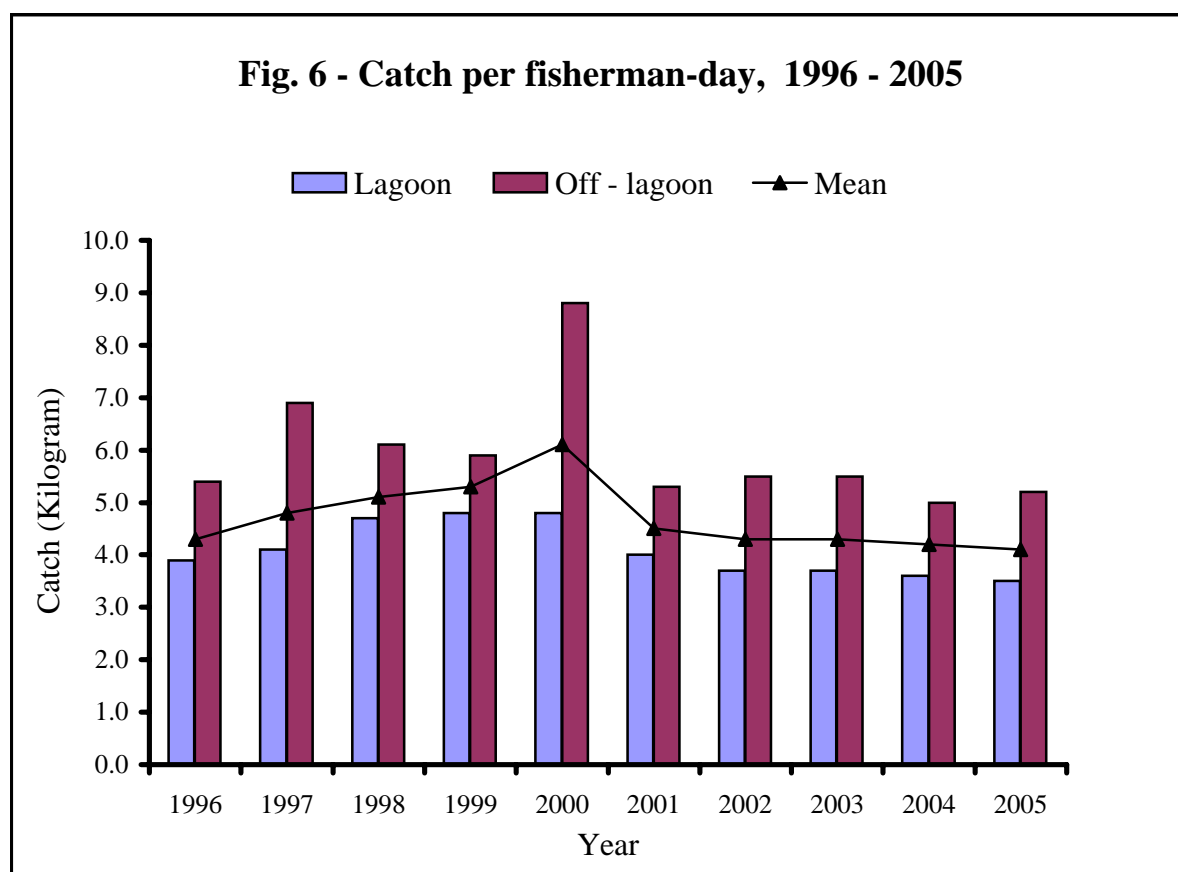


Table 2.10 - Average price of fresh fish and other sea food, 1996 - 2005

Rupees per kilogram

Species	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Homard	405	395	365	370	415	475	475	480	495	515
Crab and crevette	275	275	270	270	260	270	295	285	275	290
Vieille rouge	160	160	175	180	185	180	185	180	190	215
Vacoas, sacrechien	120	125	140	135	140	145	150	150	160	160
Capitaine	110	120	120	125	135	140	145	140	155	170
Dame berri	100	110	110	110	120	130	135	130	140	150
Octopus	75	80	85	90	90	100	100	100	105	125
Carangue	75	80	85	85	95	100	110	100	115	115
Cordonier	70	75	80	80	80	85	85	90	100	105
Rouget, tuna	70	75	80	75	80	80	80	85	90	95
Mulet voile	60	65	65	65	70	75	75	80	85	95
Bordemar	65	70	75	75	80	80	80	85	100	95
Licorne	60	70	75	75	80	85	95	95	100	115
Cateaux	55	65	60	60	65	65	70	75	75	70
Other fish	45	50	45	45	45	45	45	40	55	50
Shark	35	35	25	25	25	35	35	55	45	45

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

Table 2.11 - Annual catch by banks, 1996 - 2005Tonnes¹

Year	Saya de Malha	Nazareth	St. Brandon	Chagos	Albatros	Total catch
1996	2,283	1,253	432	321	135	4,424
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

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

¹ Product weight = Brought frozen without offals

Table 2.12- Import, export and trade balance of fish and fish products, 1996 - 2005

Year	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Imports										
Quantity (tonnes)	28,422	30,911	34,331	30,339	42,146	52,050	87,335	63,515	81,315	104,830
Value (Rupees million)	689.5	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
Exports										
Quantity (tonnes)	13,919	15,827	13,022	15,206	18,151	27,381	49,558	50,329	54,241	67,249
Value (Rupees million)	758.9	926.9	972.6	971.2	961.5	1,840.8	4,078.6	3,167.3	3,358.1	4,842.1
Trade Balance (Rupees million)	69.4	60.0	-140.6	178.1	-96.4	86.5	93.9	624.9	171.5	580.9

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

Table 2.13 - Total number and type of fishing vessels calling at Port Louis , 1996 - 2005

Type/category	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Tuna long liners and squid vessels	413	376	481	456	452	476	448	392	419	628
Purse seiners (local)	12	11	9	3	2	-	-	2	2	8
Reefers	...	27	24	37	46	50	39	42	33	32
Trawlers	...	9	10	18	55	52	22	20	20	13
Hand liners	...	48	58	75	63	56	108	179	217	190
Long liners (Ice cod fish sp.) (Patagonian tooth fish vessel)	...	...	88	47	80	62	44	51	24	19
Others, unspecified vessels	...	71	...	...	...	...	2	2	3	4
Total	425	542	670	636	698	696	663	688	718	894

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

Table 2.14 - Per capita consumption of fish, 1996 - 2005

Year	Quantity
1996	18.3
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

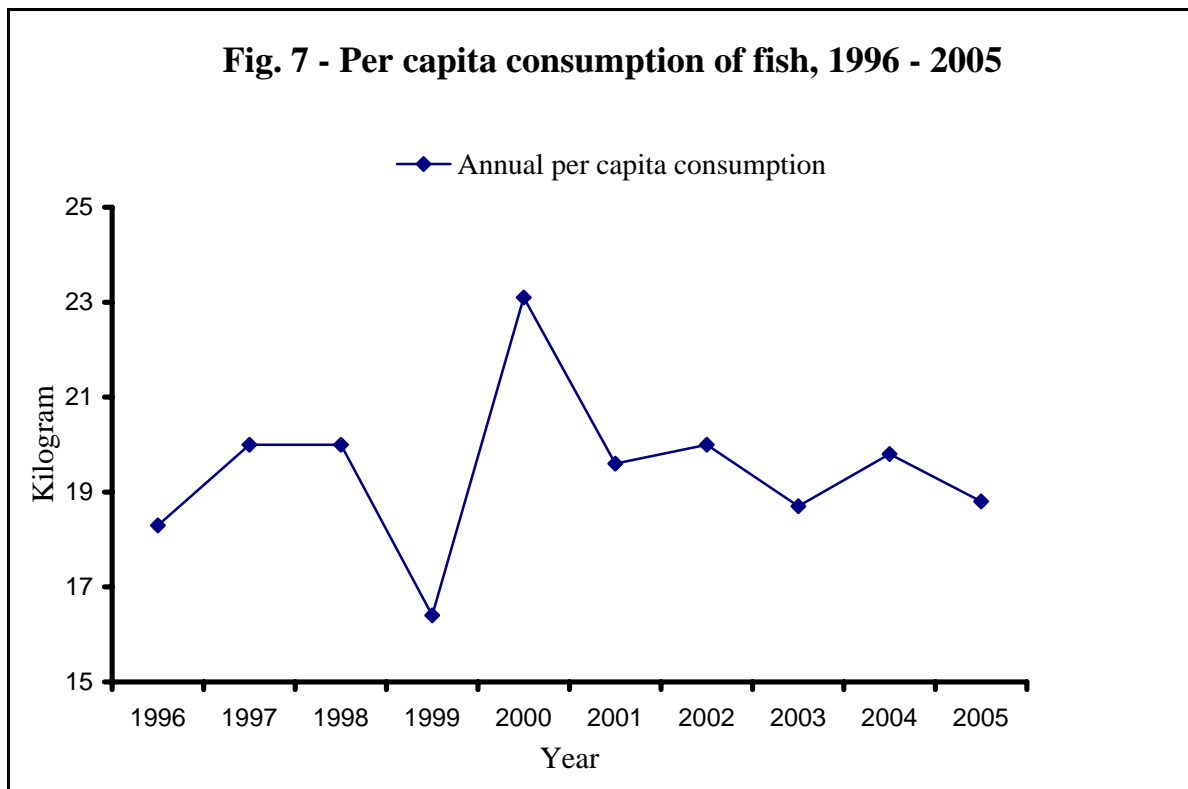


Table 2.15 - Cases of poisoning ¹ by noxious fish and shellfish, venomous animals and plants, 1996 - 2005

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total										
General hospital discharges due to accidental poisoning by noxious fish and shellfish	99	68	22	69	53	67	26	79	50	60
General hospital discharges due to venomous animals and plants as the cause of poisoning and toxic reactions	117	105	201	186	170	189	93	159	222	193
Male										
General hospital discharges due to accidental poisoning by noxious fish and shellfish	41	28	13	32	26	33	12	40	19	24
General hospital discharges due to venomous animals and plants as the cause of poisoning and toxic reactions	90	78	149	155	118	144	71	109	176	137
Female										
General hospital discharges due to accidental poisoning by noxious fish and shellfish	58	40	9	37	27	34	14	39	31	36
General hospital discharges due to venomous animals and plants as the cause of poisoning and toxic reactions	27	27	52	31	52	45	22	50	46	56

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

¹ Cases treated as in - patients in Government General Hospitals

Table 2.16 - List of fishable areas, Republic of Mauritius

Kilometre square

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

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

Table 2.17 - Percentage of substrate cover at various monitoring stations, 2004 - 2005

Site		Year	Coral	Algae	Abiotic ¹	Other ²
Baie du Tombeau	Back reef	2004	58	7	35	n.o
		2005	64	2	34	n.o
Le Goulet	Fore reef	2004	74	2	21	3
		2005	-	-	-	-
Ile aux Benitiers	Fore reef	2004	23	1	72	4
		2005	26	1	71	2
	Back reef	2004	22	13	65	n.o
		2005	7	2	92	n.o
	Shore reef	2004	18	8	74	n.o
		2005	15	0	85	n.o
Bel Ombre	Back reef	2004	51	28	30	1
		2005	24	42	34	n.o
	Shore reef	2004	52	8	40	n.o
		2005	48	4	48	n.o
Bambous Virieux	Back reef	2004	56	10	34	n.o
		2005	48	14	37	1
	Shore reef	2004	35	40	25	n.o
		2005	35	49	16	n.o
Trou d'eau Douce	Back reef	2004	37	27	36	n.o
		2005	32	34	34	n.o
	Shore reef	2004	60	2	38	n.o
		2005	59	2	36	3
Anse La Raie	Back reef	2004	59	27	14	n.o
		2005	37	27	36	n.o
	Shore reef	2004	71	13	6	n.o
		2005	75	5	20	n.o
Trou Aux Biches	Back reef	2004	37	7	56	n.o
		2005	40	2	58	n.o
	Fore reef	2004	33	5	60	2
		2005	28	6	64	2
Pointe Aux Sables	Back reef	2004	39	6	53	2
		2005	-	-	-	-
	Fore reef	2004	15	1	84	n.o
		2005	11	1	88	n.o
Albion	Back reef	2004	22	36	42	n.o
		2005	19	22	59	n.o
	Fore reef	2004	30	4	64	2
		2005	27	2	68	3
Poudre D'Or Site I	Back reef	2004	57	30	13	n.o
		2005	40	40	19	1
Poudre D'Or Site II	Back reef	2004	30	12	58	n.o
		2005	29	2	63	6
Belle Mare (Site I)	Back reef	2004	53	9	39	n.o
		2005	50	36	14	n.o
Belle Mare (Site II)	Back reef	2004	50	9	42	n.o
		2005	64	4	32	n.o

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

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

Table 2.18 - List of Marine Protected Areas, 2005

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

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

CHAPTER 3

ATMOSPHERE

Table 3.1 Monthly mean maximum temperature, 1996 - 2005

Degrees celcius

YEAR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	Mean	Difference from Normal	Mean	Difference from Normal	Mean	Difference from Normal	Mean	Difference from Normal	Mean	Difference from Normal	Mean	Difference from Normal	Mean	Difference from Normal	Mean	Difference from Normal	Mean	Difference from Normal	Mean	Difference from Normal	Mean	Difference from Normal	Mean	Difference from Normal
1996	29.2	-0.1	29.7	0.4	29.8	0.7	27.8	-0.4	26.3	-0.3	25.1	0.1	23.9	-0.2	24.3	0.2	25.1	0.1	26.2	0.0	28.6	0.8	28.9	0.1
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

Source: Meteorological Services

Table 3.2 - Monthly mean minimum temperature, 1996 - 2005

Degrees Celcius

YEAR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>
1996	22.7	0.9	22.5	0.7	22.3	0.4	21.1	0.3	18.3	-0.5	17.3	0.1	16.0	-0.7	16.7	0.3	15.8	-0.9	17.8	-0.1	18.9	-0.9	20.9	0.0
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

Source: Meteorological Services

Table 3.3 - Monthly mean values of humidity (%) with extremes for the year 2005

Region	Station		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
North	Pamplemousses	2005	81	87	85	82	80	82	82	80	82	78	79	82	
		Highest Maximum	94	94	93	96	94	94	94	94	95	96	93	94	94
		Lowest Minimum	50	64	60	53	55	54	52	52	54	53	51	52	60
		LTM (1986 - 2000)	81	83	82	82	82	82	81	79	77	77	76	76	79
South	Plaisance	2005	82	87	87	84	76	79	77	74	77	75	76	77	
		Highest Maximum	97	98	98	99	99	98	97	95	98	95	96	96	
		Lowest Minimum	58	65	59	63	54	53	48	51	48	45	48	53	
		LTM (1971 - 2000)	81	83	83	83	81	78	77	78	77	78	78	78	80
East	FUEL	2005	84	87	84	84	83	87	82	82	82	85	86	83	
		Highest Maximum	93	97	97	93	95	96	98	98	98	99	99	94	
		Lowest Minimum	63	70	68	60	60	61	60	60	59	58	59	64	
		LTM (1981 - 2000)	84	87	84	85	83	82	82	82	82	82	82	81	84
West	Medine	2005	84	82	81	80	81	81	79	77	79	76	78	80	
		Highest Maximum	97	98	99	98	98	97	98	97	99	98	98	98	
		Lowest Minimum	56	65	73	60	54	42	42	42	42	39	46	46	
		LTM (1981 - 2000)	79	82	81	80	79	78	77	76	75	76	77	79	
	Quatre Bornes	2005	79	87	87	82	82	83	81	81	82	77	78	78	
		Highest Maximum	96	97	97	96	96	96	96	96	97	97	96	96	
		Lowest Minimum	50	62	57	57	55	58	49	54	54	50	52	54	
		LTM (1990 - 2000)	83	84	85	84	84	83	83	82	80	79	78	81	
Centre	Vacoas	2005	83	89	88	86	84	85	83	83	85	81	82	80	
		Highest Maximum	98	100	100	99	99	99	99	100	98	98	98	98	
		Lowest Minimum	55	59	56	55	60	58	46	59	60	50	53	52	
		LTM (1971 - 2000)	83	85	84	85	83	82	82	82	80	80	80	81	

LTM: Long Term Mean

Source : Meteorological Services

Table 3.4 - Monthly total hours of sunshine by region and station, 1996 - 2005

Hours

Region : North, Station : Pamplemousses													
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YEARLY TOTAL
Year													
1996	208	281	262	209	256	214	250	237	231	277	282	236	2,942
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
Mean 1961-1990	259	221	231	223	235	219	235	237	221	251	257	243	2,830
Region : East , Station : Fuel													
1996	169	234	220	167	192	171	200	176	220	212	270	202	2,434
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
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, 1996 - 2005

Hours

Region : West, Station : Medine													
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YEARLY TOTAL
Year													
1996	216	277	273	200	249	219	243	219	220	240	265	247	2,868
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
Mean 1981-2000	233	206	228	214	236	218	230	228	216	237	234	236	2,715
Region : Centre, Station : Vacoas													
1996	196	266	242	187	250	222	250	221	240	250	258	205	2,786
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
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, 1996 - 2005

Hours

Region : South , Station : Plaisance													
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YEARLY TOTAL
Year													
1996	201	230	226	168	209	204	199	167	225	231	289	230	2,577
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
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 at fixed and mobile stations, 2003 - 2005

Fixed monitoring stations at Medco Cassis, 2003 - 2004											
Pollutant	Unit	Minimum		Maximum		24 hour Average for the year		Ambient air quality standard ²			
		2003	2004 ¹	2003	2004 ¹	2003	2004 ¹				
Dust (PM ₁₀)	µg/m ³	10.0	...	119.2	...	25.0	...	100.0			
Ozone (O ₃)	ppb	0.0	0.0	26.0	24.0	15.0	4.0	46.7			
Sulphur dioxide (SO ₂)	ppb	0.0	0.0	7.0	4.0	3.0	0.9	70.0			
Nitrogen dioxide (NO ₂)	ppb	0.0	...	27.0	...	9.0	...	97.5			
Carbon monoxide (CO)	ppm	0.0	1.0	8.4	1.6	0.3	1.2	8.0			
Total suspended particles (TSP)	µg/m ³	29.6	...	107.5	...	56.4	...	150.0			
Lead	µg/m ³	0.0	...	0.0	...	0.0	...	1.5			
Mobile Stations, 2004 - 2005											
Pollutant	Unit	Mer Rouge			La Tour koenig			Grand River North West			Ambient air quality standard ²
		Mini	Maxi	24 hour Ave- rage for the year	Mini	Maxi	24 hour Ave- rage for the year	Mini	Maxi	24 hour Ave- rage for the year	
		2005	2005	2005	2004/ 2005	2004/ 2005	2004/ 2005	2004	2004	2004	
Dust (PM ₁₀)	µg/m ³	19	119	25	8.8	27.1	16.4	8.2	33.8	14.8	100.0
Ozone (O ₃)	ppb	8	26	15	3.2	14.2	7.4	2.6	22.0	11.4	46.7
Sulphur dioxide (SO ₂)	ppb	...	7	3	0.0	16.7	3.5	1.4	34.9	12.7	70.0
Nitrogen dioxide (NO ₂)	ppb	11	27	9	...	...	...	-	-	-	97.5
Carbon monoxide (CO)	ppm	0.15	8	0	0.1	0.5	0.3	0.0	0.3	0.02	8.0

Source: Ministry of Environment and National Development Unit.

¹ : Estimate

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

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

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

(iii) Missing values were due to a breakdown in the measuring apparatus in 2004

Table 3.6 - Total emissions and removals of greenhouse gases, 2001 - 2005

Gg or thousand tonne

Greenhouse gas	2001	2002	2003	2004	2005 ¹
Emissions					
Carbon Dioxide	2,597.7	2,647.9	2,783.5	2,795.7	2,996.0
Methane	10.1	11.7	12.0	12.0	12.5
Oxide of Nitrogen	14.2	14.5	15.1	15.2	15.4
Nitrous Oxide	1.4	1.5	1.5	1.5	1.3
Carbon Monoxide	65.9	62.9	65.7	66.9	66.4
NM VOC ²	17.1	18.5	17.5	16.5	18.3
Sulphur Dioxide	31.5	30.6	32.1	32.7	33.0
Removals					
Carbon Dioxide	234.5	239.5	237.9	223.7	223.7
Net emissions					
Carbon Dioxide	2,363.2	2,408.4	2,545.6	2,572.0	2,772.3

¹ Provisional

² Non - methane volatile organic compound

Table 3.7 - Sectoral carbon dioxide emissions from fuel combustion activities, 2002 - 2005

	Gg or thousand tonne							
	2002		2003		2004		2005 ¹	
	Quantity	%	Quantity	%	Quantity	%	Quantity	%
Energy industries (electricity)	1,325.9	50.1	1,418.3	51.0	1,430.5	51.2	1,615.2	53.9
Manufacturing industries	385.5	14.6	386.4	13.9	362.3	13.0	346.3	11.6
Transport	760.0	28.7	793.2	28.5	807.1	28.9	833.7	27.8
Residential	141.8	5.4	145.9	5.2	154.2	5.5	158.5	5.3
Other ²	32.2	1.2	37.3	1.3	39.7	1.4	40.3	1.3
Total	2,645.4	100.0	2,781.1	100.0	2,793.8	100.0	2,994.0	100.0

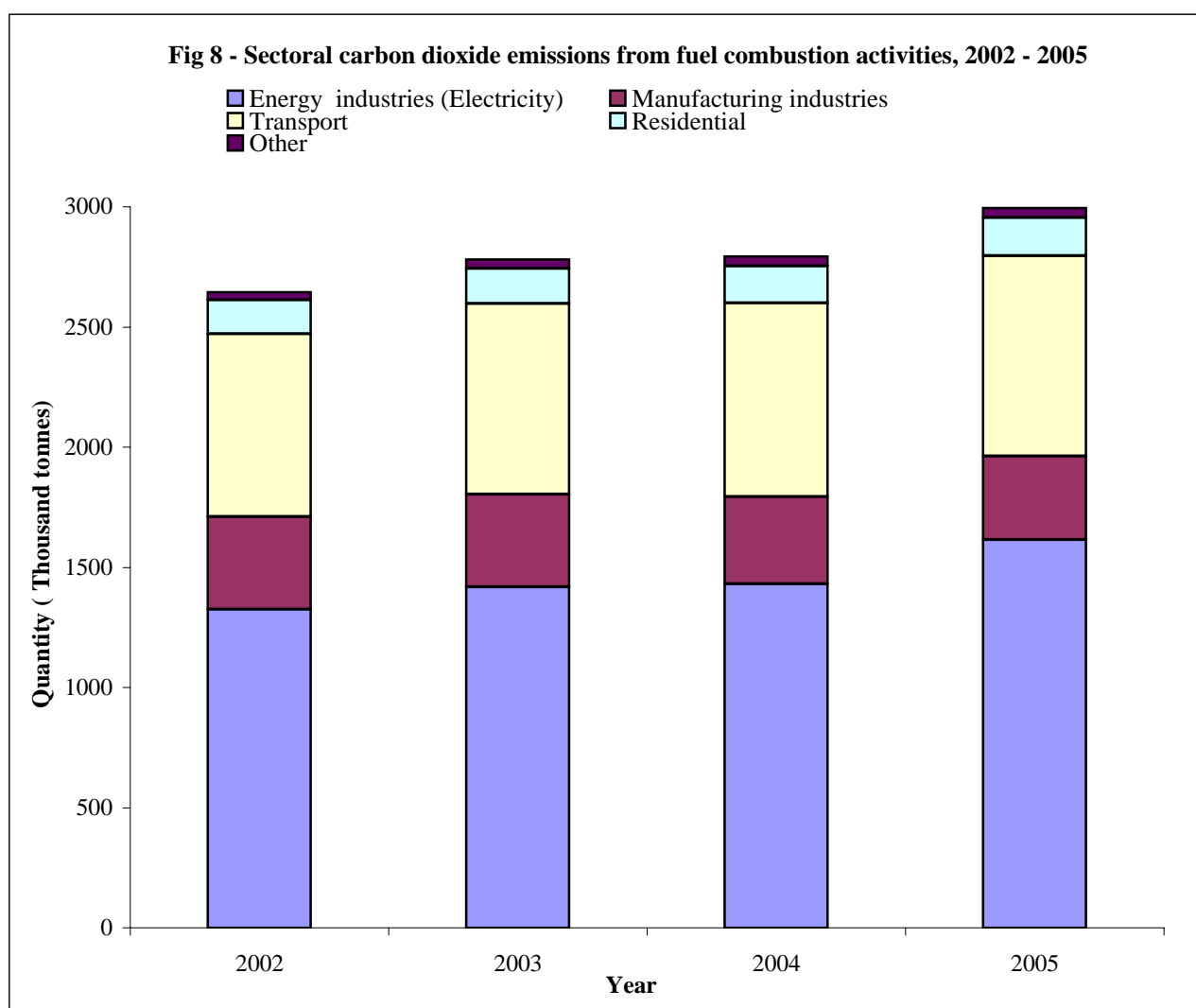
¹ Provisional² includes Agriculture and Trade

Table 3.8 - National inventory of greenhouse gases by source categories, 2004 - 2005 ¹

Gg or thousand tonne

Category	Carbon dioxide(CO ₂)				Methane (CH ₄)		Nitrous oxide (N ₂ O)		Oxides of nitrogen (NO _x)		Carbon monoxide (CO)		NMVOC ²		Sulphur dioxide (SO ₂)	
	Emissions		Removals		2004	2005	2004	2005	2004	2005	2004	2005	2004	2005	2004	2005
	2004	2005	2004	2005												
1. Energy	2,793.8	2,994.0	-	-	0.7	0.6	0.1	0.1	14.8	15.4	66.9	66.4	8.5	8.6	32.7	33.0
Fuel combustion activities																
(a) Energy industries (electricity)	1,430.5	1,615.2	-	-	0.3	0.3	0.1	0.1	5.1	5.6	9.1	8.8	0.5	0.5	23.7	24.9
(b) Manufacturing industries	362.3	346.3	-	-	0.2	0.1	0.0	0.0	1.4	1.3	16.8	15.6	0.3	0.2	6.9	6.4
(c) Transport	807.1	833.7	-	-	0.1	0.1	-	-	8.1	8.3	39.5	40.4	7.5	7.7	2.0	2.0
(d) Other sectors	193.9	198.8	-	-	0.1	-	-	-	0.2	0.2	1.5	1.6	0.2	0.2	0.1	0.1
2. Industrial processes	1.9	2.0	-	-	-	-	0.3	0.0	0.4	0.0	-	-	8.0	9.7	-	-
3. Solvent and other product use	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Agriculture	-	-	-	-	1.0	1.1	1.1	1.2	-	-	-	-	-	-	-	-
5. Land use change and forestry	-	-	223.7	223.7	-	-	-	-	-	-	-	-	-	-	-	-
6. Waste	-	-	-	-	10.3	10.8	-	-	-	-	-	-	-	-	-	-
Total	2,795.7	2,996.0	223.7	223.7	12.3	12.5	1.5	1.3	15.2	15.4	66.9	66.4	16.5	18.3	32.7	33.0

¹ Provisional

² Non - methane volatile organic compound

Table 3.9 - Consumption of controlled ozone-depleting substances by sector, 1996 - 2005

Metric tonnes

Sector	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Aerosol	14.24	16.00	16.19	8.90	8.00	2.00	-	-	-	-
Foam	0.40	0.16	-	0.06	...	...	-	-	-	-
Process agent	-	-	-	-	-	-	-	-	-	0.03
Refrigeration and air conditioning	41.12	61.58	83.33	99.98	72.22	113.20	136.30	226.80	171.85	165.64
Solvent	4.18	0.04	1.12	1.09	3.15	0.01	0.02	0.03	0.02	-
Methyl bromide use	0.03	0.60	0.70	0.70	...	0.70	-	-	-	-
Tobacco fluffing	-	0.04	-	-	...	...	-	-	-	-
Total	59.97	78.42	101.34	110.73	83.37	115.91	136.32	226.83	171.87	165.67

Source : Ministry of Environment and National Development Unit.

Fig. 9 - Consumption of controlled ozone-depleting substances by sector, 1996 - 2005

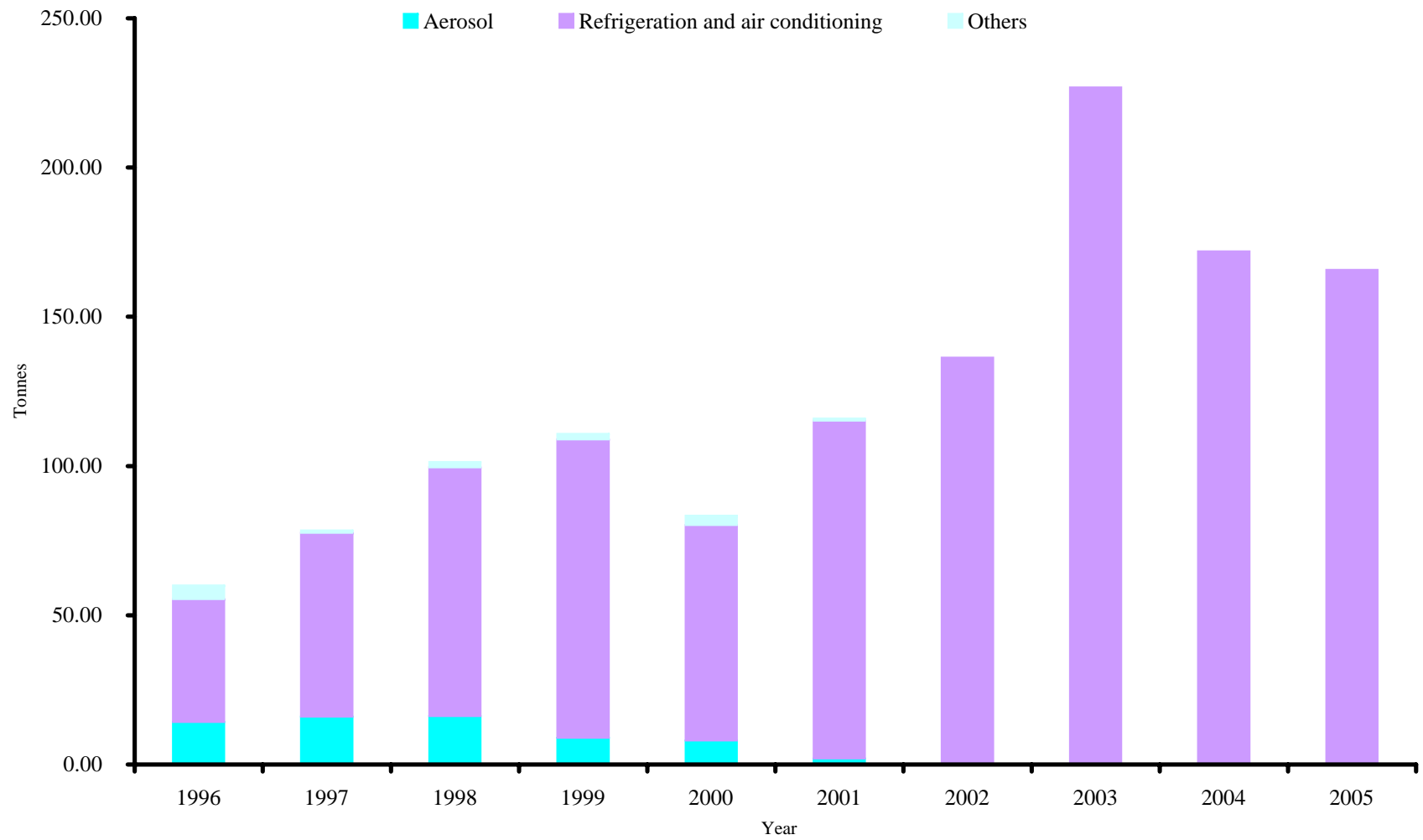


Table 3.10 - Consumption of controlled ozone-depleting substances by type of substances, 1996 - 2005

Metric Tonnes

Type of substances	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Chlorofluorocarbon (CFC's)	36.26	27.12	39.69	19.47	19.26	14.71	7.40	4.07	3.40	-
Carbon tetrachloride	0.04	0.01	0.02	0.01	0.01	0.01	0.02	0.03	0.02	0.03
Methyl chloroform	4.14	0.03	1.10	1.01	1.10	-	-	-	-	-
Hydrochlorofluorocarbon (HCFC's)	19.50	50.66	59.83	89.54	63.00	100.49	128.90	222.73	168.45	165.64
Methyl bromide	0.03	0.60	0.70	0.70	...	0.70	-	-	-	-
Total	59.97	78.42	101.34	110.73	83.37	115.91	136.32	226.83	171.87	165.67

Source : Ministry of Environment and National Development Unit.

Fig. 10 - Consumption of controlled ozone-depleting substances by type of substances, 1996 - 2005

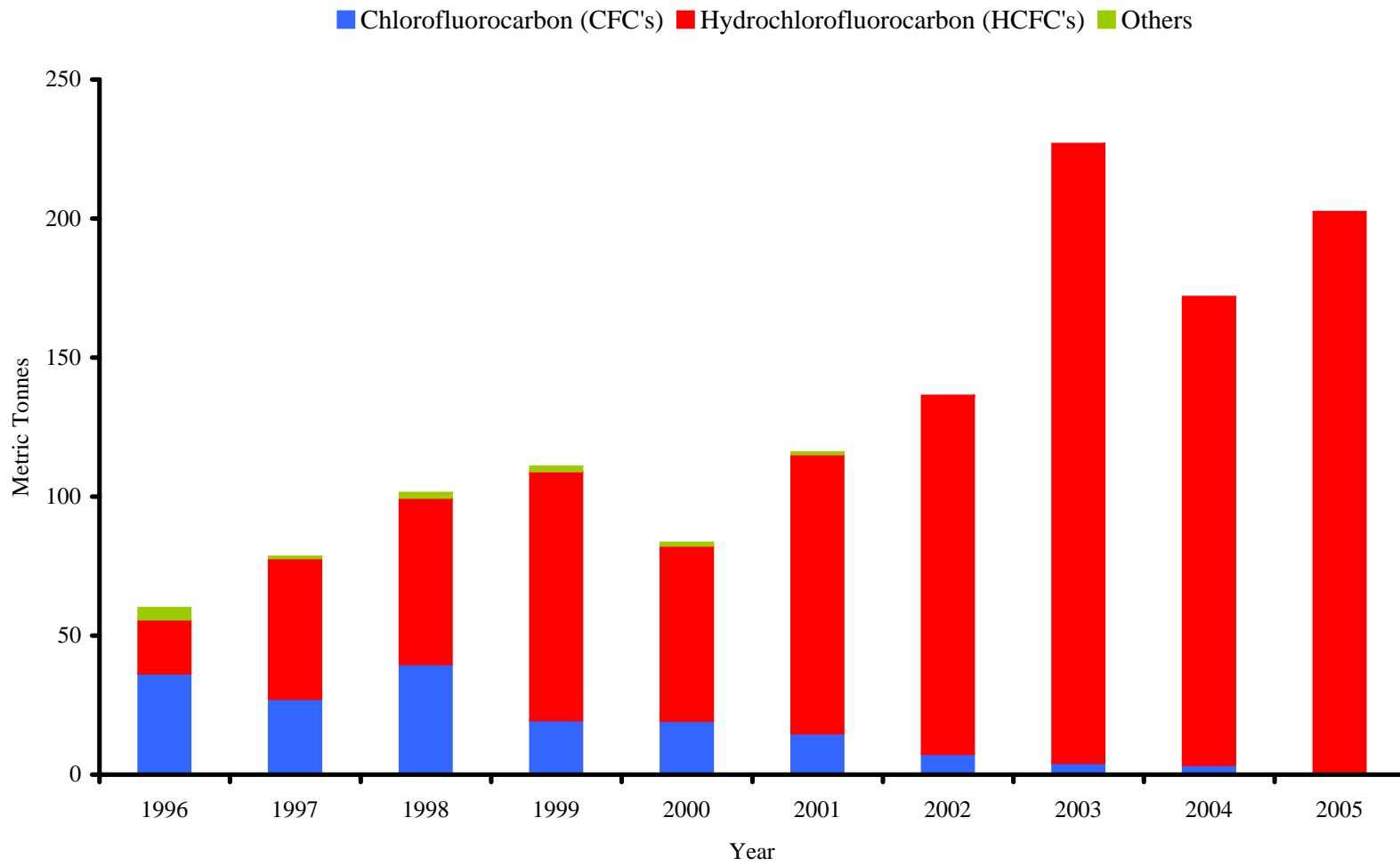


Table 3.11 - Health services (as at 31st December) Republic of Mauritius, 1996 - 2005

	Number									
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Hospitals										
Regional hospitals	4	4	5	5	5	5	5	5	5	5
District hospitals	5	5	4	4	4	4	3	3	3	3
Specialised hospitals (Psychiatric, chest, eye and E N T) ¹	4	4	4	4	4	4	4	4	4	4
Cardiac Centre	-	-	1	1	1	1	1	1	1	1
Mediclinics	-	-	2	2	2	2	2	2	2	2
Area health centres ²	29	29	27	27	27	27	27	27	27	27
Health centres with beds (Island of Rodrigues)	2	2	2	2	2	2	2	2	2	2
Community health centres ²	118	119	120	121	121	121	122	122	122	125
Family health service centres ³	9	9	9	9	9	6	5	5	3	3
Dispensaries										
Private dispensaries on sugar estates	26	26	26	24	23	20	19	18	18	17
Mobile dispensaries	3	2	2	1	1	1	1	1	1	1
Clinics										
Dental (including oral surgery and orthodontics)	36	37	38	41	40	41	43	44	46	50
Social hygiene	1	1	1	1	1	1	1	1	1	1
Private	12	12	12	13	13	14	12	12	12	12
Public mobile	1	1	-	-	-	-	-	-	-	-
Public mobile dental	2	2	2	1	1	1	1	1	2	2
Health offices	14	14	14	14	14	14	14	14	14	14

¹ The ENT centre is administratively attached to Victoria Hospital

² Including Dr. Y. Cantin and Mahebourg Community Hospitals

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

Table 3.12 - Respiratory diseases registered in government hospitals, 1996 - 2005

Detail	Number									
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Both sexes										
General hospital discharges ¹ (including deaths)	9,793	9,749	10,637	12,473	12,021	9,788	10,442	10,218	9,992	9,759
First attendances ¹ at regional health centres	241,974	278,699	316,559	364,556	406,752	382,557	397,457	396,485	367,672	381,406
Discharges (including deaths) at P D'Or chest hospital	211	340	394	448	488	412	530	489	495	449
New cases diagnosed at specialist clinics in chest diseases	867	1,097	1,167	1,393	1,667	1,753	1,330	842	981	1,143
Male										
General hospital discharges ¹ (including deaths)	5,136	5,066	5,614	6,408	6,255	5,088	5,337	5,335	4,984	4,914
First attendances ¹ at regional health centres	113,784	131,228	151,076	175,504	197,363	184,994	193,393	190,477	178,608	183,640
Discharges (including deaths) at P D'Or chest hospital	143	244	259	319	352	289	391	350	354	332
New cases diagnosed at specialist clinics in chest diseases	514	673	715	841	955	962	766	447	522	546
Female										
General hospital discharges ¹ (including deaths)	4,657	4,683	5,023	6,065	5,766	4,700	5,105	4,883	5,008	4,845
First attendances ¹ at regional health centres	128,190	147,471	165,483	189,052	209,389	197,563	204,064	206,008	189,064	197,766
Discharges (including deaths) at P D'Or chest hospital	68	96	135	129	136	123	139	139	141	117
New cases diagnosed at specialist clinics in chest diseases	353	424	452	552	712	791	564	395	459	597

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

¹ due to diseases of the respiratory system

Table 3.13 - Cases of asthma treated as in-patients in government hospitals, 1997 - 2005

Year	In-Patients		
	Male	Female	Total
1997	1,726	1,787	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

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

Table 3.14 - Deaths registered due to asthma, 1997 - 2005

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

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, 2004 - 2005

Age group (years)	Number of cases					
	Male		Female		Total	
	2004	2005	2004	2005	2004	2005
Less than one year	15	15	13	13	28	28
1 - 4	131	190	101	118	232	308
5 - 9	98	154	91	109	189	263
10 - 14	65	82	55	46	120	128
15 - 19	51	29	33	43	84	72
20 - 24	36	24	45	35	81	59
25 - 29	27	34	53	40	80	74
30 - 34	43	23	56	50	99	73
35 - 39	49	46	75	50	124	96
40 - 44	68	44	88	72	156	116
45 - 49	93	75	106	108	199	183
50 - 54	109	105	169	132	278	237
55 - 59	93	132	132	134	225	266
60 - 64	71	103	125	132	196	235
65 - 69	104	112	146	152	250	264
70 - 74	123	100	144	138	267	238
75 - 79	163	141	123	141	286	282
80 - 84	80	64	67	91	147	155
85 and over	34	34	67	64	101	98
Total	1,453	1,507	1,689	1,668	3,142	3,175

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

Table 3.16 - Deaths registered due to asthma by age group and sex, 2004 - 2005

Age group (years)	Number of cases					
	Male		Female		Total	
	2004	2005	2004	2005	2004	2005
Less than one year	0	1	0	0	0	1
1 - 4	0	1	1	0	1	1
5 - 9	0	0	0	0	0	0
10 - 14	0	1	0	0	0	1
15 - 19	2	3	1	0	3	3
20 - 24	1	1	3	0	4	1
25 - 29	0	1	1	1	1	2
30 - 34	0	0	2	0	2	0
35 - 39	5	1	2	4	7	5
40 - 44	1	4	2	1	3	5
45 - 49	1	1	2	4	3	5
50 - 54	4	2	2	2	6	4
55 - 59	5	8	3	7	8	15
60 - 64	7	9	3	5	10	14
65 - 69	6	9	6	5	12	14
70 - 74	9	17	7	7	16	24
75 - 79	10	20	10	12	20	32
80 - 84	12	9	6	13	18	22
85 and over	12	16	13	15	25	31
Total	75	104	64	76	139	180

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

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

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

Source : CSO - Continuous Multi-Purpose Household Survey 2001

CHAPTER 4

WATER

Table 4.1 - Monthly rainfall, averaged over All Sugar Zone, 1996 - 2005

Millimetres

YEAR		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MONTH											
January	Mean	243.6	264.1	144.4	53.9	393.5	278.6	573.1	118.4	416.2	139.0
	<i>Difference from Normal</i>	- 33.6	- 13.6	- 132.9	- 223.3	+ 115.3	+ 0.3	+ 295.0	- 159.7	+ 162.4	-114.9
February	Mean	160.6	157.4	592.2	168.7	313.4	205.1	99.0	331.3	305.1	401.3
	<i>Difference from Normal</i>	- 136.8	- 139.4	+ 295.4	- 128.1	+ 15.7	-92.7	-198.7	+ 33.5	-19.5	+ 76.8
March	Mean	119.6	78.3	162.8	125.5	166.2	155.8	224.0	207.3	211.7	688.7
	<i>Difference from Normal</i>	- 123.2	- 163.8	- 79.4	- 116.5	- 76.9	-87.3	-19.1	- 36.0	-15.3	+ 463.3
April	Mean	187.9	284.1	115.0	79.0	186.1	329.9	135.4	444.8	282.6	115.5
	<i>Difference from Normal</i>	- 39.4	+ 57.3	- 111.7	- 147.7	- 41.7	102.0	-92.5	+ 216.8	+61.6	-105.4
May	Mean	64.8	188.4	162.6	70.0	95.8	95.3	141.1	191.0	161.1	109.1
	<i>Difference from Normal</i>	- 85.6	+ 38.3	+ 10.3	- 80.2	- 56.5	-55.9	-10.1	+ 39.8	+7.3	-44.6
June	Mean	83.1	107.5	62.7	83.5	105.1	79.1	127.6	117.4	111.2	134.3
	<i>Difference from Normal</i>	- 34.1	- 9.7	- 54.4	- 33.7	- 12.7	-38.7	+ 9.9	- 1.4	+3.2	+26.3
July	Mean	111.7	119.5	141.0	152.5	117.1	93.3	139.9	175.2	85.6	158.0
	<i>Difference from Normal</i>	- 7.2	+ 0.2	+ 20.7	+ 33.2	- 3.1	-26.9	+19.7	+55.0	- 24.2	+48.2
August	Mean	57.3	62.7	85.7	96.5	149.2	74.1	111.9	92.4	39.8	91.7
	<i>Difference from Normal</i>	- 50.9	- 45.7	- 22.7	- 9.6	+ 40.2	-35.1	+ 2.8	- 16.7	- 69.0	-17.1
September	Mean	26.9	83.7	78.9	82.9	43.7	71.9	37.1	130.4	118.2	207.6
	<i>Difference from Normal</i>	- 47.9	+ 8.9	+ 4.1	+ 8.1	- 31.6	-3.4	-38.2	+55.0	+47.1	+136.6
October	Mean	75.5	65.8	62.5	40.7	71.3	83.8	60.4	29.7	29.5	55.8
	<i>Difference from Normal</i>	- 2.9	- 6.9	- 10.2	- 32.0	- 1.9	10.7	-12.8	- 43.5	- 42.9	-16.7
November	Mean	25.8	57.4	31.3	29.1	81.5	33.2	34.4	81.1	124.8	38.3
	<i>Difference from Normal</i>	- 67.9	- 36.3	- 62.4	- 59.8	- 12.9	-61.1	-60.0	+ 1.8	+ 45.5	-41.1
December	Mean	409.0	220.8	37.7	120.1	75.2	153.3	222.4	54.0	168.8	69.5
	<i>Difference from Normal</i>	+ 194.3	+ 6.2	- 179.4	- 95.5	- 140.4	-62.3	+ 6.8	- 139.1	- 24.3	- 123.6
Total Year	Mean	1,565.8	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
	<i>Difference from Normal</i>	-429.4	-304.5	-322.6	-885.1	-206.5	-350.4	-97.2	+ 5.5	+ 5.5	+ 287.8

Fig 11 - Rainfall difference from normal, 2005

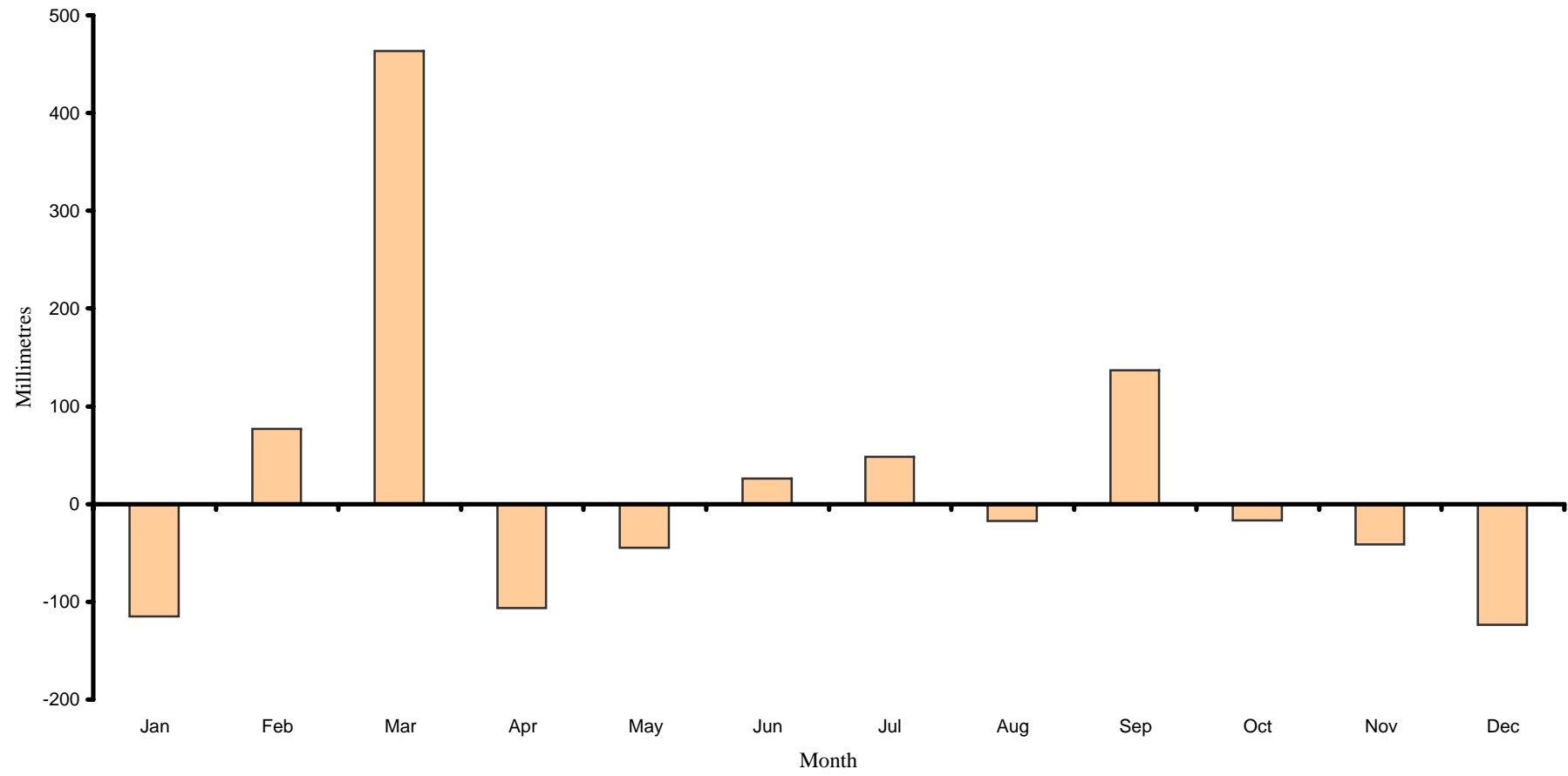


Table 4.2 - Yearly rainfall by region, 1996 - 2005

Millimetres

		YEAR									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
REGION											
North	Mean	1,018.9	1,045.2	1,097.7	601.3	1,043.6	1,019.6	1,040.0	1,201.3	1,350.8	1,403.7
	<i>Difference from Normal</i>	- 400.8	- 366.3	- 330.7	- 808.6	- 366.7	- 390.6	- 370.2	- 178.8	+ 45.8	+ 105.3
South	Mean	1,774.7	2,160.8	2,142.3	1,336.7	2,055.2	2,124.0	2,314.0	2,285.4	2,288.3	2,670.3
	<i>Difference from Normal</i>	- 599.2	- 213.1	- 231.8	- 1030.3	- 318.8	- 250.4	- 60.4	- 56.3	- 31.2	+ 350.6
East	Mean	2,020.8	2,116.0	2,045.3	1,534.6	2,386.8	1,993.8	2,303.9	2,622.4	2,692.9	2,778.9
	<i>Difference from Normal</i>	- 386.4	- 291.7	- 366.3	- 87.3	- 20.6	- 423.9	- 113.8	+ 259.5	+ 379.5	+ 465.3
West	Mean	623.6	669.2	628.6	404.7	908.4	799.3	1,357.7	978.3	949.3	1,097.5
	<i>Difference from Normal</i>	- 264.8	- 219.1	- 259.9	- 484.1	+ 202.2	- 89.5	+ 468.9	+ 119.5	+ 120.7	+ 269.1
Centre	Mean	1,878.0	1,599.4	1,605.3	1,145.4	2,006.5	1,536.1	2,105.6	1,995.7	2,262.6	2,136.6
	<i>Difference from Normal</i>	- 233.9	- 512.7	- 507.8	- 966.6	- 115.9	- 576.2	+ 6.7	- 61.4	+ 238.5	+ 112.3
Island	Mean	1,565.8	1,689.7	1,676.8	1,102.4	1,798.1	1,653.4	1,906.3	1,973.2	2,054.6	2,208.8
	<i>Difference from Normal</i>	- 429.4	- 304.5	- 322.6	- 885.1	- 206.5	- 350.4	+ 97.5	+ 5.8	+ 131.9	+ 287.8

Source : Meteorological Services

Table 4.3 - Water balance , 1999 - 2005

Mm³

	1999	2000	2001	2002	2003	2004	2005
Rainfall	2,184	3,749	3,527	3,905	4,006	4,234	4,423
<i>Surface runoff</i>	1,311	2,249	2,116	2,343	2,403	2,541	2,654
<i>Evapotranspiration</i>	655	1,125	1,058	1,171	1,202	1,270	1,327
<i>Net recharge to groundwater</i>	218	375	353	391	401	423	442

Fig 12 -Water balance , 1999 - 2005

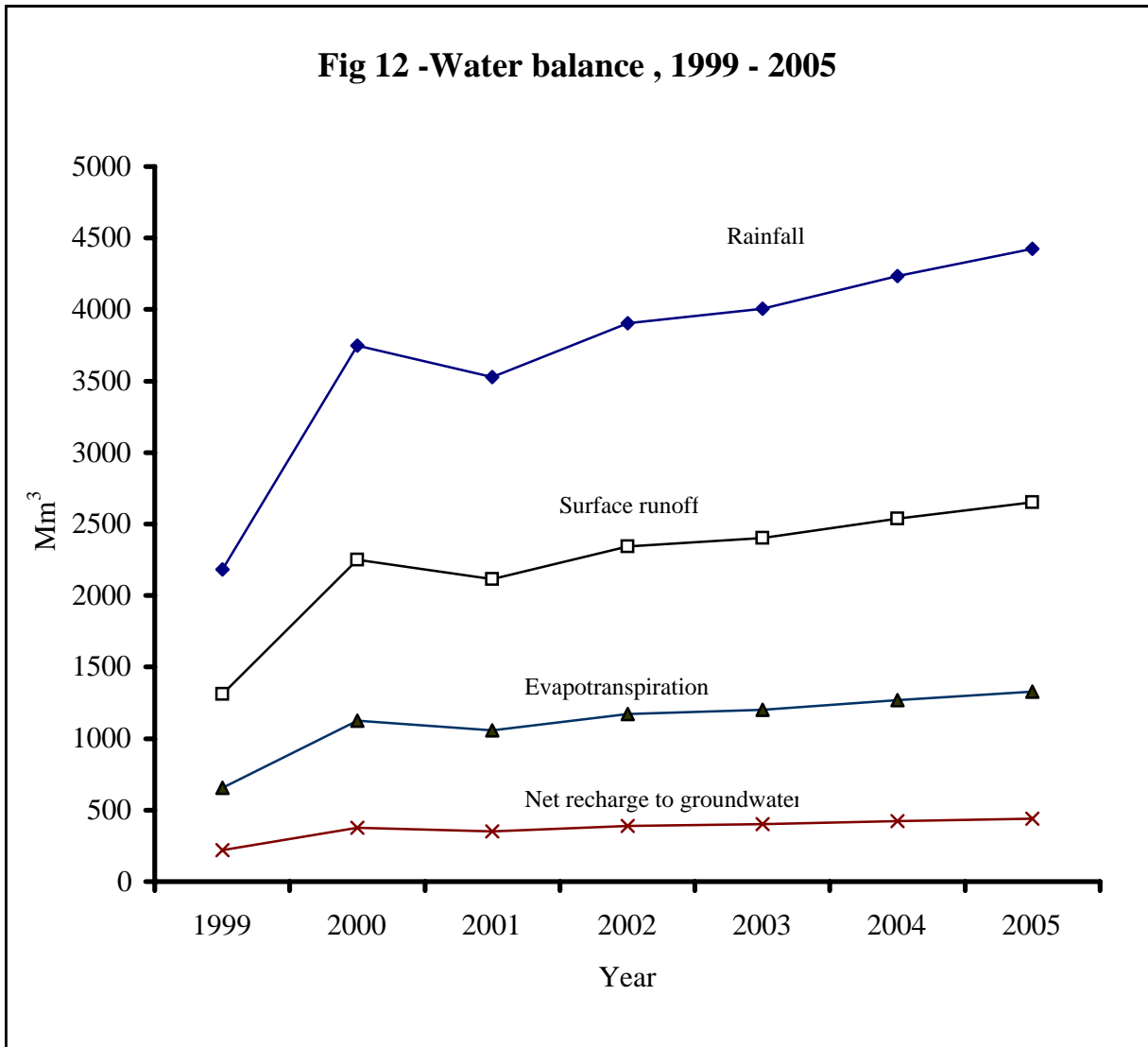


Table 4.4 - Water utilisation, 2005.

Million cubic metres

Use	Surface water		Ground water	Total
	River-run offtakes	Storage		
Domestic, Industrial and Tourism	35 ¹	64	115	214
Industrial (private boreholes)	-	-	11	11
Agricultural (irrigation)	352	90 ²	24	466
Hydropower	150	181 ³	-	331
Total	537	335	150	1,022

Source: Water Resources Unit, Ministry of Public Utilities

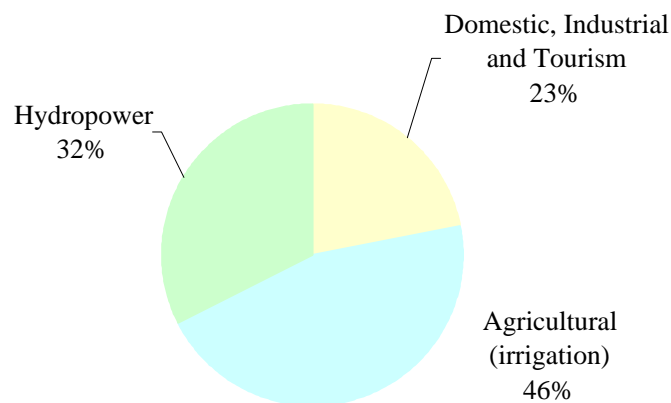
¹ includes 26 Mn³ for Redit Hydro Power Station² includes 37 Mn³ for Tamarind Falls and Magenta Hydropower Station³ includes 14 Mn³ used twice for Le Val and Ferney Hydropower Stations and 25 Mr³ for Tamarind Falls and Magent:**Fig. 13 - Water utilisation, 2005**

Table 4.5 - Fresh water abstractions¹ by source, 1996 - 2005 ²

Million cubic metres

Source	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Surface water	515	506	508	405	536	515	524	552	575	541
<i>Reservoirs</i>	<i>125</i>	<i>115</i>	<i>119</i>	<i>61</i>	<i>147</i>	<i>125</i>	<i>128</i>	<i>169</i>	<i>167</i>	<i>154</i>
<i>Rivers and streams</i>	<i>390</i>	<i>391</i>	<i>389</i>	<i>344</i>	<i>389</i>	<i>390</i>	<i>396</i>	<i>383</i>	<i>408</i>	<i>387</i>
Ground water	115	114	131	111	145	145	148	148	150	150
Total	630	620	639	516	681	660	672	700	725	691

Source: Water Resources Unit, Ministry of Public Utilities

¹ for agricultural, domestic and industrial purposes.

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

Table 4.6 - Characteristics of major reservoirs

Name of reservoir Characteristics	Mare aux Vacoas	Nicoliere	Piton du Milieu	Mare Longue	La Ferme	Tamarind Falls	Eau Bleue	Diamamove	Midlands Dam
Purpose	Domestic	Domestic, Irrigation and Industrial	Domestic	Hydro - power and irrigation	Irrigation	Hydro - power and irrigation	Hydro - power	Hydro - power	Domestic, Irrigation and Industrial
Total capacity (Mm³)	25.89	5.26	2.99	6.28	11.52	2.30	4.10	4.30	25.50
Full reservoir level , m (a.m.s.l)¹	565.00	249.00	438.00	580.00	146.00	495.00	357.00	241.00	395.00
Maximum water spread area (km²)	5.60	1.02	0.76	1.05	2.28	1.68	0.75	0.43	2.98

Source: Water Resources Unit, Ministry of Public Utilities

¹ a.m.s.l : above mean sea level

Table 4.7 - Gross storage capacity of reservoirs

Million cubic metres

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

Source: Water Resources Unit, Ministry of Public Utilities

¹ Based on hydrographic survey of 1997

Table 4.8 - Percentage water level by month and reservoir - 2005

Month	Mare aux Vacoas			La Nicoliere			Piton du Milieu			La Ferme			Mare Longue			Midlands Dam			All reservoirs (excl Midlands Dam)				
	Capacity																						
	25.89 Mm ³			5.26 Mm ³			2.99 Mm ³			11.52 Mm ³			6.28 Mm ³			25.5 Mm ³			51.94 Mm ³				
	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
Jan	53	50	56	82	66	93	74	70	75	24	22	25	0	0	0	93	91	94	44	41	47		
Feb	56	50	61	88	61	100	85	69	100	34	21	51	1	0	4	98	94	100	50	40	58		
Mar	78	60	100	100	95	100	100	99	100	86	52	100	34	4	94	100	100	100	76	38	98		
Apr	97	95	98	92	81	100	98	93	100	100	100	100	99	94	100	100	99	100	97	95	99		
May	93	92	95	76	68	83	89	85	93	96	91	100	98	94	100	99	96	100	93	91	95		
Jun	93	92	94	71	58	85	85	83	86	86	82	90	89	86	94	97	94	99	88	87	91		
Jul	96	91	98	82	75	88	95	85	100	81	80	82	93	88	95	99	96	100	91	87	92		
Aug	95	93	96	71	65	77	94	89	98	76	72	80	87	83	92	100	99	100	87	84	90		
Sep	95	93	98	82	66	94	96	89	100	76	72	82	87	83	93	100	100	100	89	84	93		
Oct	96	92	99	71	65	77	96	88	99	83	81	85	91	86	93	98	93	100	90	87	93		
Nov	86	80	91	75	52	81	79	71	88	74	66	81	75	59	86	85	80	92	80	71	86		
Dec	75	69	80	43	37	53	64	56	70	58	50	66	34	12	57	70	59	80	62	55	70		

Table 4.9 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2005

Mm³

Month	Mare Aux Vacoas (Upper)			Mare Aux Vacoas (Lower)			Port -Louis			District water supply - North			District water supply - South			District water supply - East			Total production				
	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface	Borehole	Total	Surface (%)	Borehole (%)
Jan	2.8	0.5	3.3	-	2.3	2.3	1.8	0.8	2.6	1.6	1.8	3.4	0.8	1.3	2.2	0.7	1.4	2.1	7.8	8.2	16.0	49%	52%
Feb	2.6	0.5	3.0	-	2.1	2.1	1.2	2.0	3.2	1.5	1.6	3.1	0.7	1.2	1.9	0.7	1.3	2.0	6.6	8.6	15.2	43%	51%
Mar	2.9	0.6	3.5	-	2.4	2.4	1.4	1.1	2.4	1.6	2.0	3.6	0.8	1.4	2.1	0.7	1.5	2.2	7.4	8.9	16.3	45%	57%
Apr	2.8	0.5	3.4	-	2.4	2.4	1.6	1.0	2.6	1.5	1.9	3.4	0.8	1.3	2.1	0.8	1.4	2.2	7.5	8.6	16.1	47%	55%
May	2.9	0.5	3.4	-	2.5	2.5	1.8	1.1	2.9	1.6	1.9	3.5	0.8	1.3	2.1	0.8	1.4	2.2	7.8	8.8	16.6	47%	53%
Jun	2.8	0.5	3.3	-	2.4	2.4	1.6	0.8	2.4	1.5	1.9	3.4	0.7	1.3	2.0	0.6	1.1	1.7	7.3	8.1	15.4	47%	53%
Jul	2.9	0.5	3.4	-	2.4	2.4	2.0	0.8	2.8	1.6	1.9	3.5	0.8	1.4	2.1	0.7	1.4	2.1	7.9	8.5	16.4	48%	52%
Aug	3.2	0.5	3.7	-	2.4	2.4	2.0	0.8	2.8	1.6	1.9	3.6	0.7	1.3	2.1	0.8	1.4	2.2	8.3	8.4	16.7	50%	50%
Sep	3.0	0.5	3.5	-	2.3	2.3	2.0	0.7	2.7	1.6	1.9	3.5	0.7	1.3	2.0	0.7	1.4	2.1	8.1	8.1	16.2	50%	50%
Oct	3.2	0.5	3.7	-	2.5	2.5	2.3	0.9	3.2	1.6	1.9	3.5	0.8	1.3	2.1	0.8	1.5	2.3	8.7	8.6	17.3	50%	50%
Nov	3.2	0.5	3.7	-	2.2	2.2	1.9	0.8	2.7	1.6	2.0	3.6	0.7	1.3	2.0	0.8	1.4	2.2	8.3	8.1	16.4	51%	49%
Dec	3.4	0.5	3.9	-	2.1	2.1	1.8	0.8	2.6	1.7	2.0	3.6	0.8	1.3	2.2	0.8	1.5	2.3	8.4	8.1	16.5	51%	49%
Total year	35.6	6.1	41.7	-	28.0	28.0	21.4	11.6	32.9	19.1	22.7	41.8	9.1	15.8	24.9	8.7	16.7	25.4	93.9	100.9	194.8	48%	52%

Table 4.10 - Water sales by type of tariff of subscribers , 2001 - 2005

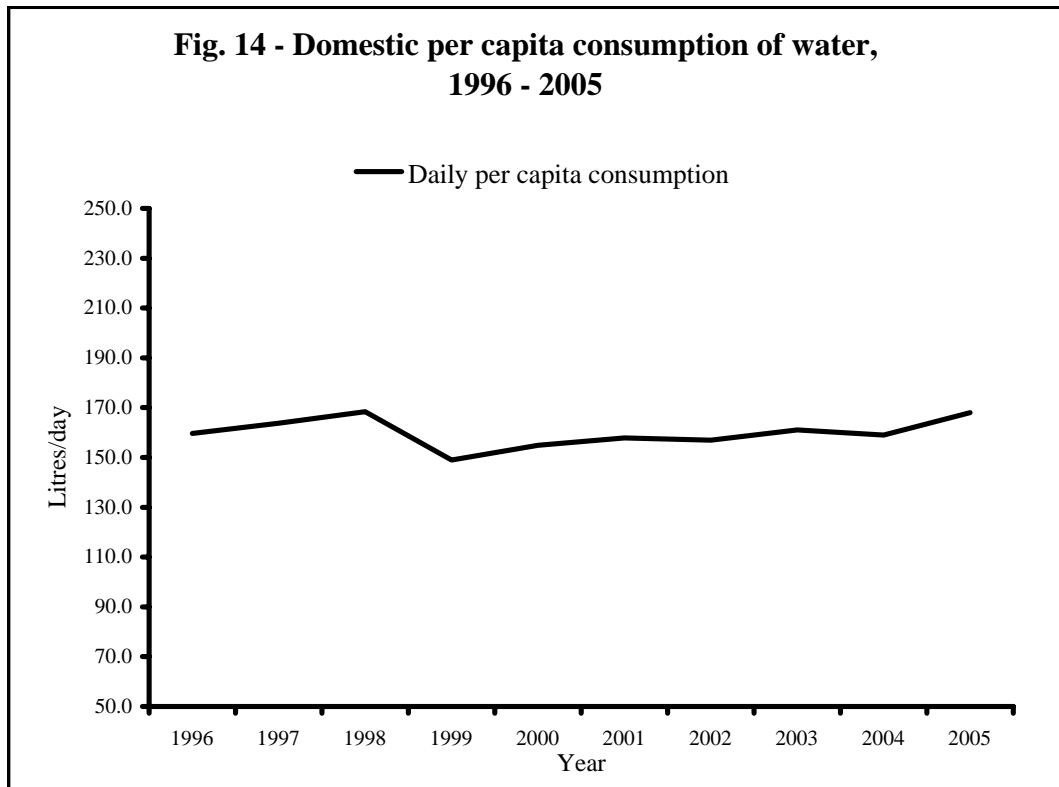
Type of tariff	2001		2002		2003		2004		2005	
	No. of subscribers	Volume ('000 m ³)	No. of subscribers	Volume ('000 m ³)	No. of subscribers	Volume ('000 m ³)	No. of subscribers	Volume ('000 m ³)	No. of subscribers	Volume ('000 m ³)
Domestic	237,524	67,054	243,689	67,618	250,752	70,253	258,381	70,562	265,763	73,055
Commercial	9,237	5,034	9,233	5,186	9,455	5,573	9,638	5,653	9,823	5,790
Government	3,474	3,789	3,538	4,026	3,614	4,228	3,585	4,285	3,708	4,632
Agriculture and Livestock Producers	1,831	946	2,009	1,023	2,174	1,103	2,377	1,131	2,632	1,322
Industrial	781	4,679	766	4,727	762	4,988	746	4,775	741	4,770
Hotels , Guest houses	187	3,624	191	3,492	192	3,644	188	3,694	197	4,080
Acquired/concessionary prizes	47	20	48	21	48	23	47	20	45	19
Total Potable water	253,081	85,146	259,474	86,093	266,997	89,812	274,962	90,120	282,909	93,668
Total non - treated water	228	16,664	231	14,693	253	13,993	254	12,265	267	14,161
TOTAL	253,309	101,810	259,705	100,786	267,250	103,805	275,216	102,385	283,176	107,829

Table 4.11 - Domestic per capita consumption of water ¹, 1996 - 2005

Litres / day	
Year	Daily per capita consumption
1996	159.7
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

Source: Central Water Authority

¹ Potable water



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

Table 4.12 - Volume of water used by the CEB for hydropower generation, 1996 - 2005

Million cubic metres

Power station	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Champagne	83	67	70	23	69	56	71	108	117	105
Ferney	104	106	111	39	102	80	81	119	117	116
Tamarind Falls	34	29	40	9	34	25	31	34	37	37
Le Val	14	14	15	1	16	4	9	15	17	14
Reduit	28	23	18	1	17	11	19	30	30	26
Cascade Cecile	16	20	22	8	19	16	19	21	14	8
Magenta	25	19	27	6	23	14	17	17	13	25
La Ferme	8	6	7	-	5	1	4	-	-	-
Total	312	284	310	87	285	207	251	344	345	331

Source: Central Electricity Board

Table 4.13 - Guidelines for inland surface water¹ quality

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

Source: Ministry of Environment and National Development Unit.

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

² Lower limit at 25⁰ 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, 2005.

Milligram per litre

Region	Chemical water quality parameter		
	Nitrate-Nitrogen (NO ₃ ⁻ - N)	Phosphate (PO ₄ ³⁻)	Chemical Oxygen Demand (COD)
Ile aux Benitier	<0.1	0.01 - 0.04	0.1 - 0.5
Bel Ombre	<0.1	<0.01 - 0.07	0.1 - 0.9
Bambous Virieux	<0.1	0.01 - 0.03	0.1 - 1.0
Trou D'Eau Douce	<0.1	<0.01 - 0.02	0.2 - 0.9
Anse la Raie	<0.1	0.01 - 0.03	0.2 - 0.3
Trou aux Biches	<0.1	<0.01 - 0.05	<0.1 - 0.5
Pointe aux Sables	<0.1	0.01 - 0.06	0.1 - 0.8
Tombeau Bay	<0.1	0.01 - 0.22	0.1 - 1.2
Port Louis Harbour	<0.1	0.01 - 0.08	0.1 - 0.5

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

Table 4.16 - Volume of wastewater treated by public treatment stations, 1997 - 2005

Million cubic metres

Station	1997	1998	1999	2000	2001	2002	2003	2004	2005
Fort Victoria	5.10	5.10	5.20	5.20	5.30	5.30	8.10	5.06	5.20
Baie du Tombeau	4.70	4.70	4.75	4.80	4.85	4.85	8.26	8.27	8.27
Pailles TP ¹	0.08	0.08	0.08	0.08	0.08	0.08	0.11	0.12	0.18
B. Marchand ¹	0.18	0.18	0.18	0.18	0.18	0.18	0.26	0.27	0.19
Riviere du Rempart ¹	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Borstal ¹	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
St. Martin	8.12	8.14	8.16	8.18	8.20	8.20	10.89	13.10	13.88
Kennedy ²	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
Vuillemin ¹	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07
Flacq ¹	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.18	0.23
Dubreuil ³	0.10	0.13	0.13	0.13	0.13	0.13	1.22	0.68	0.68
Total	20.16	20.22	20.39	20.47	20.64	20.65	30.74	29.56	30.51

Source : Wastewater Management Authority

¹ Serves CHA houses

² Serves CHA houses and V. Hospital

³ Serves CHA + NHDC houses

Table 4.17 - Water quality in coastal area - (Terre Rouge Rivulet Bird Sanctuary), 1999 - 2005

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

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

¹ Data given are for the variable Phosphate

² Data given are for the variable Nitrate-nitrogen

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

Table 4.18 - Certain notifiable diseases reported to sanitary authorities, 1996 - 2005

Disease \ Year	Amoebiasis	Food Poisoning	Infective Hepatitis	Leptospirosis	Malaria		Schistosomiasis	Typhoid Fever	Total
					Indigenous	Imported			
1996	5	13	24	9	19	63	5	5	143
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

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

Table 4.19 - Enteritis and other diarrhoeal diseases, 1996 - 2005

Number

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
1996	760	1,506	583	2,514	5,363	11	3	1	9	24
1997	440	815	433	1,856	3,544	2	-	2	20	24
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

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

Table 4.20 - Sea transport¹, 1996 - 2005

Period	Vessels entering		Vessels leaving		Goods	
	Number	Net registered tonnage (000t)	Number	Net registered tonnage (000t)	Unloaded (000t)	Loaded ² (000t)
1996	1,300	4,999	1,284	5,140	2,753	966
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

¹ exclude fishing vessels berthed in Port Louis only.² exclude bunkers.

Table 4.21 - Contraventions established by the National Coast Guard, 2005

Month	Illegal fishing activities	Beach offences	Illegal pleasure craft activities	Miscellaneous	Total
January	2	17	60	19	98
February	7	10	26	3	46
March	-	20	29	2	51
April	5	18	45	11	79
May	1	31	51	6	89
June	1	20	18	15	54
July	1	16	34	13	64
August	1	9	21	2	33
September	7	18	33	7	65
October	8	9	38	7	62
November	4	9	32	5	50
December	5	25	43	12	85
Total	42	202	430	102	776

Source: Police Department

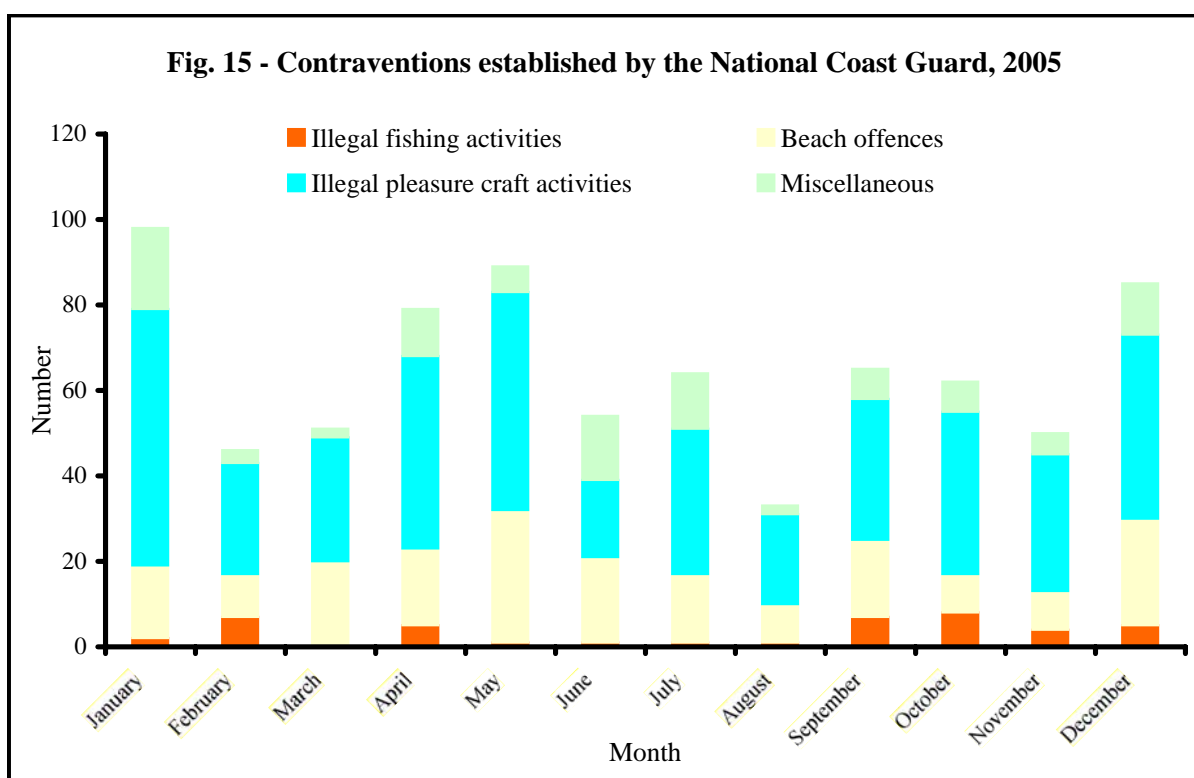


Table 4.22 - Mean sea surface temperature around the Island of Mauritius, 1996 - 2005

Degrees celcius

	January	February	March	April	May	June	July	August	September	October	November	December	Average for the year
1996 Mean	26.6	26.7	27.0	26.5	25.0	23.9	22.8	22.4	22.5	23.0	23.4	25.5	24.6
<i>Difference from Normal</i>	0.8	1.0	0.8	0.6	1.1	1.1	1.2	1.1	1.0	1.1	1.8	1.1	
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>	1.6	0.8	0.1	0.7	1.1	0.7	1.2	-0.2	-0.1	0.9	1.3	0.3	
1998 Mean	26.7	27.6	26.1	26.1	25.4	23.6	23.1	22.4	22.4	23.5	23.8	26.1	24.7
<i>Difference from Normal</i>	0.7	0.1	1.7	1.0	0.7	1.4	0.9	1.1	1.1	0.6	1.4	0.5	
1999 Mean	25.4	26.6	26.5	25.5	25.0	24.3	23.0	22.8	22.3	23.0	24.5	25.4	24.5
<i>Difference from Normal</i>	2.0	1.1	1.3	1.6	1.1	0.7	1.0	0.7	1.2	1.1	0.7	1.2	
2000 Mean	26.3	26.6	26.7	26.0	24.8	24.2	22.9	22.4	22.6	23.2	23.9	24.8	24.5
<i>Difference from Normal</i>	1.1	1.1	1.1	1.1	1.3	0.8	1.1	1.1	0.9	0.9	1.3	1.8	
2001 Mean	25.5	27.3	26.6	26.6	25.3	23.7	23.5	22.7	22.5	23.2	24.2	25.9	24.8
<i>Difference from Normal</i>	1.9	0.4	1.2	0.5	0.8	1.3	0.5	0.8	1.0	0.9	1.0	0.7	
2002 Mean	26.3	27.6	28.1	26.3	26.2	24.2	23.9	22.6	24.0	24.7	25.1	27.2	25.5
<i>Difference from Normal</i>	1.1	0.1	-0.3	0.8	-0.1	0.8	0.1	0.9	-0.5	-0.6	0.1	-0.6	
2003 Mean	27.7	28.1	27.9	27.2	26.5	25.4	23.9	23.1	23.4	23.9	25.5	26.7	25.8
<i>Difference from Normal</i>	-0.3	-0.4	-0.1	-0.1	-0.4	-0.4	0.1	0.4	0.1	0.2	-0.3	-0.1	
2004 Mean	26.9	28.6	27.7	27.7	27.3	24.6	23.9	23.6	23.4	24.0	25.3	26.5	25.8
<i>Difference from Normal</i>	0.5	-0.9	0.1	-0.6	-1.2	0.4	0.1	-0.1	0.1	0.1	-0.1	0.1	
2005 Mean	27.8	28.6	28.0	27.4	26.5	25.0	24.1	24.0	23.5	24.9	24.9	26.3	25.9
<i>Difference from Normal</i>	-0.4	-0.9	-0.2	-0.3	-0.4	0.0	-0.1	-0.5	0.0	-0.8	0.3	0.3	
Mean 1971 -2000	27.4	27.7	27.8	27.1	26.1	25.0	24.0	23.5	23.5	24.1	25.2	26.6	25.7

Source : Meteorological Services

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

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

CHAPTER 5

LAND

Table 5.1 - Land use by category, 1986 and 1995

	1986 ¹		1995 ²		Change %
	Hectares	%	Hectares	%	
Agriculture	90,000	48.2	86,500	46.4	-1.8
Sugarcane	83,625	44.8	76,840	41.2	-3.6
Other agricultural activities	6,375	3.4	9,660	5.2	+1.8
Forests, scrubs & grazing lands	65,400	35.1	57,000	30.6	-4.5
Reservoirs, ponds, swamps & rocks	2,610	1.4	2,600	1.4	0.0
Road and footpaths	3,465	1.9	4,000	2.1	+0.2
Built-up areas	25,000	13.4	36,400	19.5	+6.1
Total	186,475	100.0	186,500	100.0	

¹ Source : Digest of Agricultural Statistics

² Source : Initial National Communication under the United Nations Framework Convention on Climate Change, April 1999

Note: The difference in total area between 1986 and 1995 is due to rounding

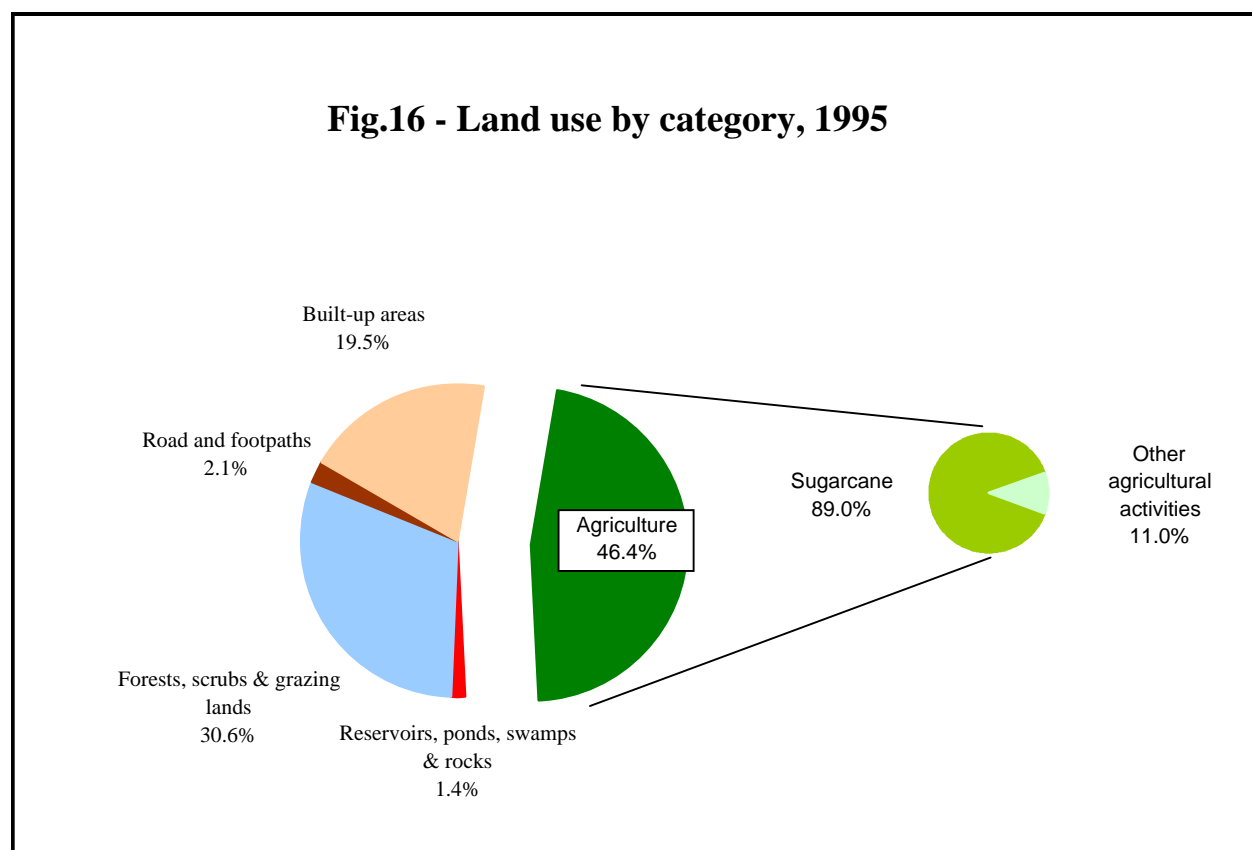
Fig.16 - Land use by category, 1995

Table 5.2 - Effective area under cultivation, 2003 - 2005

Hectares

Crops	2003	2004	2005
Sugarcane	74,117	72,955	71,583
Tea	681	674	670
Tobacco	379	378	348

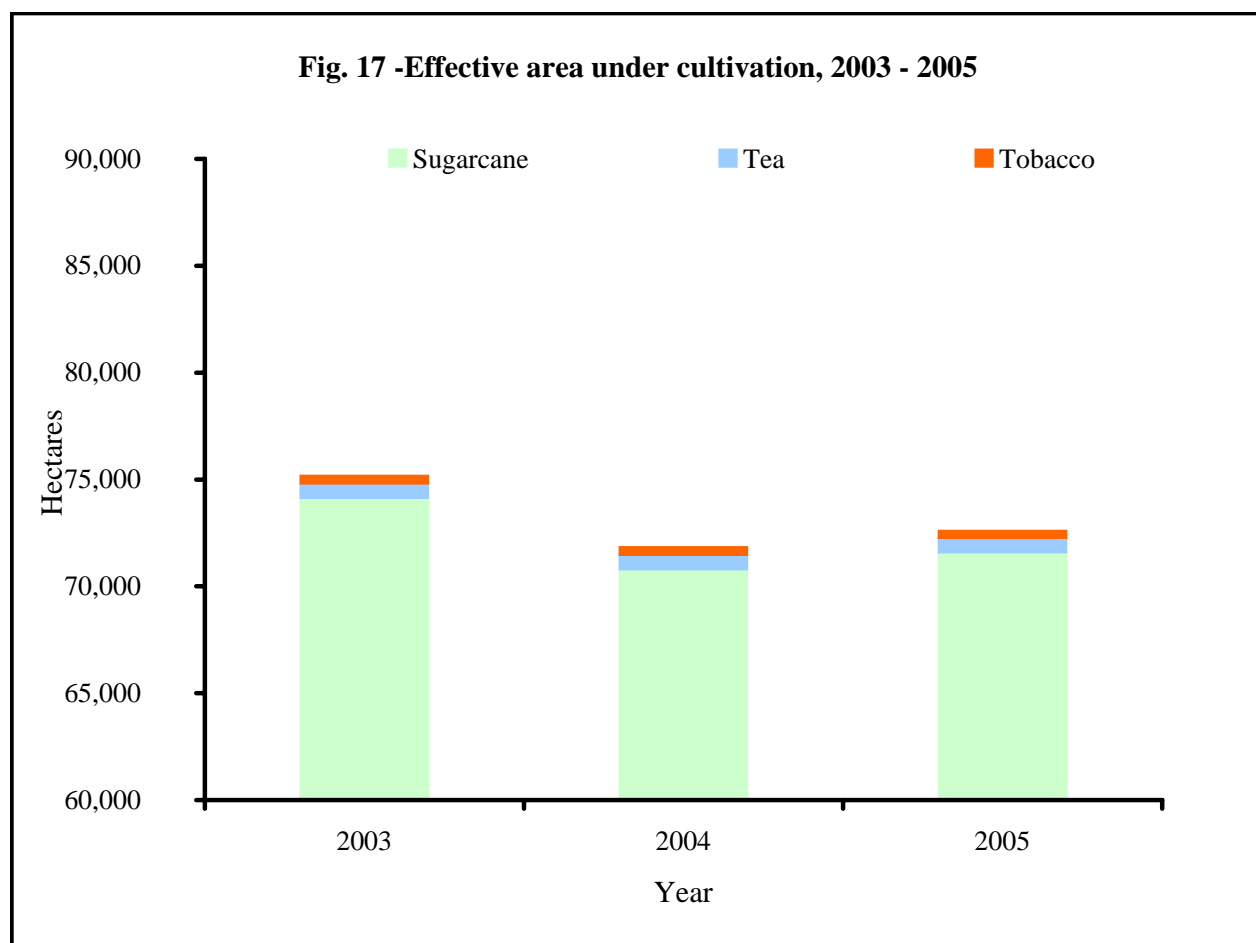
Fig. 17 -Effective area under cultivation, 2003 - 2005

Table 5.3 - Road network, 1998 - 2005

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

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

Table 5.4 - Number of accidents by severity of accident, 1996 - 2005

Year	Severity of accident				
	Fatal ¹	Serious	Slight	No injury	Total
1996	138	176	2,469	12,062	14,845
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

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

Table 5.5 - Imports of fertilisers and pesticides, 1996 - 2005

Tonnes

Commodities	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Fertilizers	57,055	51,740	43,160	42,788	56,617	68,966	43,877	64,081	48,749	61,605
Pesticides	1,448	1,715	1,552	1,522	1,549	1,824	1,959	2,222	2,072	2,141
<i>Insecticides</i>	<i>340</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>Fungicides</i>	<i>109</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>Weedkillers</i>	<i>999</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>

Fig. 18 - Imports of fertilisers and pesticides, 1996 - 2005

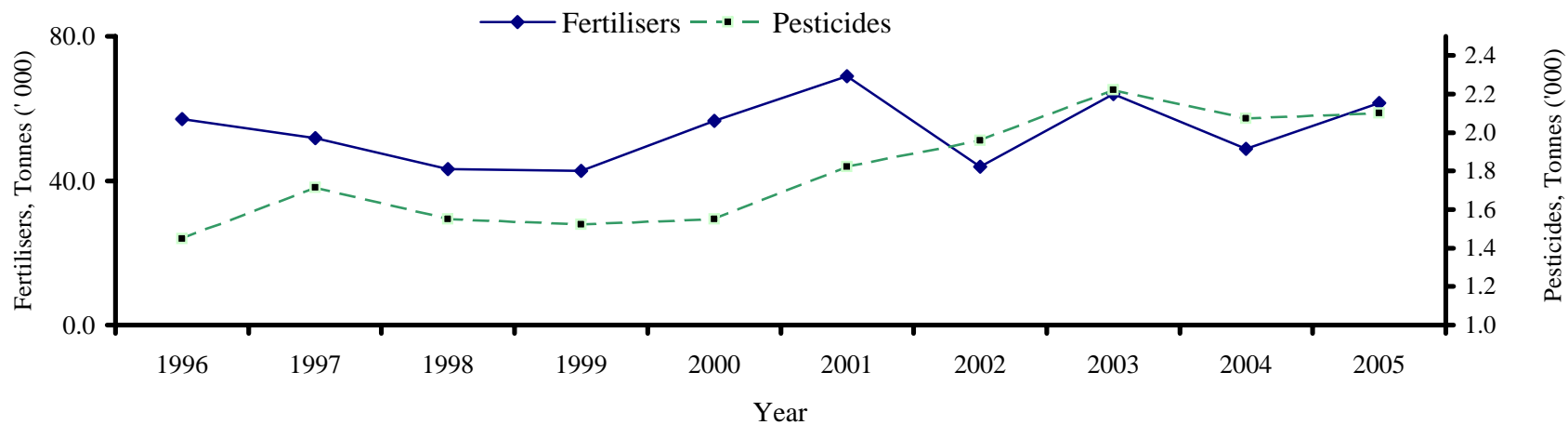


Table 5.6 - Consumption of fertilisers, 1996 - 2005

Tonnes

Year		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Product weight		70,092	73,740	69,486	62,721	67,044	65,527	64,739	63,507	61,266	50,870
Nutrients Content	Nitrogen	11,634	12,294	11,681	10,941	11,550	11,428	11,028	10,742	10,499	9,936
	Phosphate	4,506	4,644	4,342	3,684	3,940	4,059	4,011	4,094	4,022	5,849
	Potash	14,550	15,326	14,444	11,351	13,464	12,911	13,296	11,516	12,248	14,250

Fig. 19 - Consumption of fertilisers (Nutrients) , 1996 - 2005

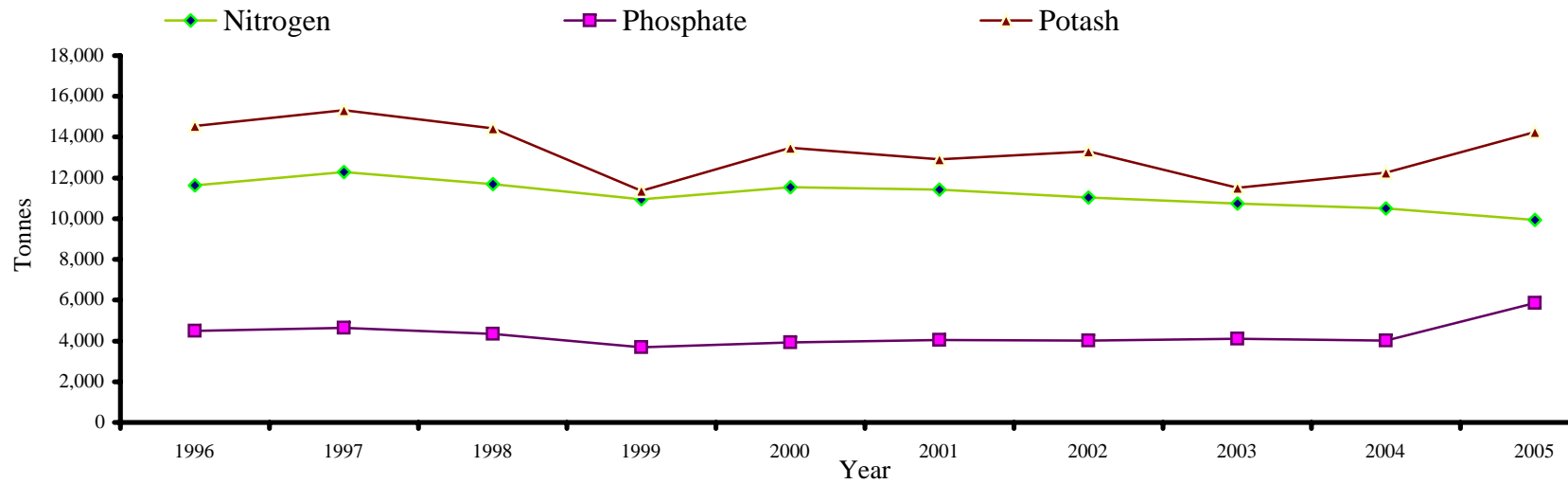


Table 5.7 - Land under irrigation, 1998 - 2005

Hectares				
Year	Overhead	Surface	Drip	Total
1998	14,520	2,654	1,205	18,379
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
(By region) 2005				
North	5,508	723	1,096	7,327
East	3,033	-	225	3,258
Centre	647	85	-	732
West	3,826	960	265	5,051
South	3,747	-	543	4,290

Table 5.8 - Number of permits¹ and floor area by region , 2000 - 2005

Region	2000		2001		2002		2003		2004 ²		2005	
	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)
Urban areas	3,856	592,242	3,903	646,162	3,689	651,242	3,723	676,851	2,582	446,921	2,765	423,026
Port Louis	1,007	187,745	1,047	177,713	1,003	185,002	1,006	226,690	710	146,807	591	100,516
Beau Bassin - Rose Hill	580	98,719	649	138,961	525	93,308	582	101,951	421	75,426	483	72,510
Curepipe	654	98,462	704	88,341	632	84,741	584	93,912	351	53,703	475	66,194
Quatre Bornes	593	82,712	540	118,062	534	163,938	556	128,231	308	63,935	546	94,115
Vacoas - Phoenix	1,022	124,604	963	123,085	995	124,253	995	126,067	792	107,050	670	89,691
Rural areas	5,011	918,231	5,592	858,387	5,365	891,358	5,400	960,884	4,001	728,503	4,773	704,352
Pamplemousses	929	202,799	1,112	183,808	931	173,086	966	213,286	798	127,027	859	138,727
Riviere du Rempart	753	136,085	948	158,955	799	135,612	982	191,488	727	125,187	731	127,116
Flacq	974	142,954	1,007	136,789	1,131	154,765	1,137	159,283	689	96,351	980	120,265
Grand Port	698	80,298	776	91,247	710	100,197	793	103,743	517	68,835	524	63,551
Savanne	422	55,826	528	71,154	531	66,563	501	87,825	338	50,041	492	61,273
Plaines Wilhems	52	8,649	48	6,808	53	7,405	52	10,057	28	8,249	39	5,257
Moka	585	88,042	543	79,771	567	120,466	470	77,675	357	63,590	554	68,193
Black River	598	203,578	630	129,855	643	133,264	499	117,527	547	189,223	594	119,970
Total	8,867	1,510,473	9,495	1,504,549	9,054	1,542,600	9,123	1,637,735	6,583	1,175,424	7,538	1,127,378

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

² Jan - Sept 2004

Table 5.9 - Number of permits ¹ and floor area by type of building, 2000 - 2005

Type of building	2000		2001		2002		2003		2004		2005	
	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)
Residential	8,331	1,170,023	8,999	1,256,946	8,671	1,222,347	8,712	1,229,510	7,957	1,164,289	7,538	1,127,378
New buildings	4,538	784,627	4,459	794,586	4,167	758,397	4,301	768,796	-	-	4,207	776,608
Additions	3,793	385,396	4,540	462,360	4,504	463,950	4,411	460,714	-	-	3,331	350,770
Non residential	536	340,450	496	247,603	383	320,253	411	408,225	372	358,636	452	289,660
Agriculture, forestry, hunting and fishing	14	6,862	15	7,000	11	3,979	11	8,972	-	-	31	10,815
Manufacturing	44	38,573	52	42,351	48	69,546	49	67,496	-	-	47	87,551
Electricity and water	2	833	1	2,207	-	-	3	10,355	-	-	1	1,547
Construction	1	68	3	3,607	2	2,204	1	248	-	-	-	-
Wholesale and retail trade, restaurant and hotels	382	218,471	338	146,780	251	151,525	261	232,711	-	-	227	127,141
Transport, storage & communication	7	3,320	3	725	4	659	5	15,071	-	-	3	4,150
Banking, insurance and real estate	24	33,774	7	3,547	6	57,444	13	25,455	-	-	26	27,377
Community, social & personal services	62	38,549	77	41,386	61	34,896	68	47,917	-	-	55	31,079
Total	8,867	1,510,473	9,495	1,504,549	9,054	1,542,600	9,123	1,637,735	8,329	1,522,925	7,990	1,417,038

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

Table 5.10 - Number of permits ¹ and floor area by region for residential buildings, 2000 - 2005

Region	2000		2001		2002		2003		2004		2005	
	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)
Urban areas	3,664	488,607	3,701	508,794	3,544	476,092	3,550	479,873	3,094	438,370	2,765	423,026
Port Louis	940	138,375	984	135,799	947	137,761	932	137,908	...	...	591	100,516
Beau Bassin - Rose Hill	552	86,613	592	103,452	496	81,820	557	78,485	...	...	483	72,510
Curepipe	626	79,876	676	82,357	606	71,639	563	85,313	...	...	475	66,194
Quatre Bornes	558	72,276	521	80,338	520	69,644	536	73,606	...	...	546	94,115
Vacoas - Phoenix	988	111,467	928	106,848	975	115,228	962	104,561	...	...	670	89,691
Rural areas	4,667	681,416	5,298	748,152	5,127	746,255	5,162	749,637	4,863	725,919	4,773	704,352
Pamplemousses	840	134,501	1,034	154,912	877	128,203	900	139,710	...	...	859	138,727
Riviere du Rempart	704	110,190	923	147,841	773	121,285	950	162,073	...	...	731	127,116
Flacq	917	123,023	951	122,660	1,079	134,717	1,085	134,918	...	...	980	120,265
Grand Port	672	76,034	741	82,595	688	81,850	773	95,047	...	...	524	63,551
Savanne	399	47,299	504	60,707	519	63,810	483	60,399	...	...	492	61,273
Plaines Wilhems	43	7,082	44	5,671	52	7,361	51	7,372	...	...	39	5,257
Moka	550	75,181	507	68,560	531	101,685	446	65,088	...	...	554	68,193
Black River	542	108,106	594	105,206	608	107,344	474	85,030	...	...	594	119,970
Total	8,331	1,170,023	8,999	1,256,946	8,671	1,222,347	8,712	1,229,510	7,957	1,164,289	7,538	1,127,378

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

Table 5.11 - Number of permits¹ and floor area by region for non - residential building, 2000 - 2005

Region	2000		2001		2002		2003		2004		2005	
	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)
Urban areas	192	103,635	202	137,368	145	175,150	173	196,978	138	150,920	137	127,948
Port Louis	67	49,370	63	41,914	56	47,241	74	88,782	-	-	51	62,117
Beau Bassin - Rose Hill	28	12,106	57	35,509	29	11,488	25	23,466	-	-	22	9,422
Curepipe	28	18,586	28	5,984	26	13,102	21	8,599	-	-	11	3,166
Quatre Bornes	35	10,436	19	37,724	14	94,294	20	54,625	-	-	24	20,505
Vacoas - Phoenix	34	13,137	35	16,237	20	9,025	33	21,506	-	-	29	32,738
Rural areas	344	236,815	294	110,235	238	145,103	238	211,247	234	207,716	315	161,712
Pamplemousses	89	68,298	78	28,896	54	44,883	66	73,576	-	-	55	20,371
Riviere du Rempart	49	25,895	25	11,114	26	14,327	32	29,415	-	-	42	14,897
Flacq	57	19,931	56	14,129	52	20,048	52	24,365	-	-	27	17,295
Grand Port	26	4,264	35	8,652	22	18,347	20	8,696	-	-	52	13,009
Savanne	23	8,527	24	10,447	12	2,753	18	27,426	-	-	56	24,492
Plaines Wilhems	9	1,567	4	1,137	1	44	1	2,685	-	-	1	30
Moka	35	12,861	36	11,211	36	18,781	24	12,587	-	-	17	3,413
Black River	56	95,472	36	24,649	35	25,920	25	32,497	-	-	65	68,205
Total	536	340,450	496	247,603	383	320,253	411	408,225	372	358,636	452	289,660

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

Table 5.12 - Solid waste input by type at Mare Chicose landfill site, 2000 - 2005

Tonnes

Waste type	2000	2001	2002	2003	2004	2005
Commercial	505	1,387	1,843	-	-	-
Construction	6,839	3,709	6,404	7,199	6,097	3,756
Domestic	251,249	292,880	325,006	352,915	365,528	363,776
Industrial (inc. textile)	5,861	4,269	6,429	4,421	3,097	2,340
Tuna/Sludge	...	125	48	120	189	5,913
Poultry	671	3,152	3,615	3,236	3,962	3,930
Rubber tyres	228	135	240	378	423	394
Asbestos	...	33	34	71	36	85
Condemned goods	464	1,002	1,626	2,754	1,770	2,114
Difficult and hazardous	...	...	...	...	12	22
TOTAL	265,815	306,691	345,244	371,094	381,114	382,330

Source: Ministry for Local Government

Table 5.13 - Monthly solid waste input by type at Mare Chicose landfill site, Jan - Dec 2005

Waste type	Tonnes												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Domestic	35,242	31,580	33,164	30,905	29,193	27,419	27,533	28,954	28,925	29,834	30,340	30,686	363,775
Textile	108	107	147	202	280	186	151	154	140	116	78	134	1,803
Poultry	303	288	326	333	316	288	319	367	373	366	355	296	3,930
Tuna/Sludge	25	100	343	439	593	505	735	642	484	862	523	662	5,913
Rubber tyres	32	39	41	32	50	44	35	22	18	39	25	17	394
Industrial	25	26	28	36	28	89	106	46	30	56	33	34	537
Construction waste	231	172	51	165	750	230	455	481	500	198	142	380	3,755
Asbestos	-	-	-	-	16	57	-	-	-	-	4	8	85
Condemned goods	151	68	225	282	315	259	100	169	104	116	162	163	2,114
Difficult and hazardous	4	3	0.1	2	-	6	-	2	0.2	-	0.2	22	40
Total	36,121	32,383	34,325	32,396	31,541	29,083	29,434	30,837	30,574	31,587	31,662	32,402	382,346

Source: Ministry for Local Government

Table 5.14 - Number of EIA and PER licences granted by type of project, Island of Mauritius, 2001 - 2005

Project	EIA					PER ²	
	2001	2002	2003	2004	2005 ¹	2004	2005 ¹
Land parcelling (morcellement)	74	16	14	21	19	19	16
Poultry rearing	13	13	18	-	-	30	22
Industrial development	1	2	28	1	5	30	8
Coastal hotels & related works	9	15	4	15	10	-	4
Livestock rearing	-	1	4	-	-	3	3
Housing	4	3	4	34	7	15	10
Stone crushing plants	-	1	1	2	3	-	-
Development in port area	2	-	-	-	1	-	-
Service ("filling") station	-	1	14	-	-	3	7
Other	7	12	8	12	10	19	18
Total	110	64	95	85	55	119	88

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

¹ Provisional

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

Table 5.15 - Number of establishments¹ by industrial group, Republic of Mauritius, 2001 - 2005

Industrial group	Number of establishments				
	2001	2002	2003	2004	2005
Agriculture, forestry and fishing	<u>272</u>	<u>250</u>	<u>255</u>	<u>234</u>	<u>228</u>
<i>Sugarcane</i>	<u>154</u>	<u>145</u>	<u>144</u>	<u>123</u>	<u>118</u>
<i>Tea</i>	<u>10</u>	<u>8</u>	<u>9</u>	<u>8</u>	<u>7</u>
<i>Tobacco</i>	<u>52</u>	<u>41</u>	<u>41</u>	<u>37</u>	<u>35</u>
<i>Other agriculture</i>	<u>56</u>	<u>56</u>	<u>61</u>	<u>66</u>	<u>68</u>
Mining and quarrying	<u>6</u>	<u>6</u>	<u>8</u>	<u>8</u>	<u>6</u>
Manufacturing	<u>924</u>	<u>915</u>	<u>919</u>	<u>908</u>	<u>884</u>
<i>Food</i>	<u>110</u>	<u>108</u>	<u>108</u>	<u>111</u>	<u>117</u>
<i>Beverage and tobacco</i>	<u>18</u>	<u>16</u>	<u>16</u>	<u>16</u>	<u>17</u>
<i>Textile and wearing apparel (except footwear)</i>	<u>403</u>	<u>387</u>	<u>370</u>	<u>351</u>	<u>325</u>
<i>Other manufacturing</i>	<u>393</u>	<u>404</u>	<u>425</u>	<u>430</u>	<u>425</u>
Electricity, gas and water	<u>4</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>7</u>
Construction	<u>87</u>	<u>87</u>	<u>95</u>	<u>93</u>	<u>95</u>
Wholesale and retail trade, repair of m/vehicles, motorcycle, personal & household goods	<u>348</u>	<u>353</u>	<u>364</u>	<u>371</u>	<u>364</u>
<i>Wholesale and retail trade</i>	<u>309</u>	<u>313</u>	<u>323</u>	<u>330</u>	<u>321</u>
<i>Maintenance and repair of motor vehicles and motorcycles</i>	<u>14</u>	<u>14</u>	<u>15</u>	<u>13</u>	<u>12</u>
<i>Sales of motor vehicles, motorcycles and related parts; automotive fuel</i>	<u>25</u>	<u>26</u>	<u>26</u>	<u>28</u>	<u>31</u>
Hotels and restaurants	<u>129</u>	<u>132</u>	<u>143</u>	<u>142</u>	<u>151</u>
Transport, storage and communication	<u>100</u>	<u>98</u>	<u>104</u>	<u>106</u>	<u>105</u>
Financial intermediation	<u>69</u>	<u>68</u>	<u>70</u>	<u>64</u>	<u>77</u>
Real estate, renting and business activities	<u>139</u>	<u>148</u>	<u>167</u>	<u>197</u>	<u>217</u>
Public administration & defence; compulsory social security	<u>132</u>	<u>133</u>	<u>151</u>	<u>150</u>	<u>154</u>
Education	<u>150</u>	<u>149</u>	<u>151</u>	<u>155</u>	<u>175</u>
Health and social work	<u>45</u>	<u>44</u>	<u>46</u>	<u>53</u>	<u>41</u>
Other community, social and personal services	<u>83</u>	<u>86</u>	<u>80</u>	<u>68</u>	<u>82</u>
Total	2,488	2,475	2,559	2,555	2,586

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

CHAPTER 6

HUMAN SETTLEMENTS

Table 6.1 - Main environment & socio - economic indicators, 1996 and 2005

	Units	1996	2005 ¹
Environment indicators			
1. Total land area	000 ha	186.5	186.5
2. Irrigated land	ha	18,292.0	20,658.0
3. Forest area (as a % of total land area)	%	30.6	25.3
4. Land protected areas	ha	11,125.0	13,973.0
5. Marine protected areas	ha	7,190.0	7,216.0
6. Threatened plant species (IUCN Red List)	Number	...	88
7. Threatened animal species (IUCN Red List)	Number	...	64
8. Total fish catch	tons	11,073.0	9,190.0
9. Mean catch per fisherman day	kg	4.3	4.1
10. Total Carbon dioxide emission	000 tons	...	2,994.0
11. Per capita carbon dioxide emission	tons	...	2.4
12. Mean annual rainfall	millimetres	1,565.8	2,208.1
13. Annual fresh water abstraction	Mm ³	650.0	691.0
14. Daily per capita domestic water consumption	litres	159.7	168.0
15. Daily per capita solid waste generated (<i>estimate</i>)	Kg	0.7	0.9
16. Total electricity generated	GWh	1,272.2	2,272.1
17. Per capita primary energy requirement	toe	0.8	1.0
18. Per capita final energy consumption	toe	0.6	0.7
19. Energy intensity	100,000 GDP	1.7	1.6
Socio - economic indicators			
1. Gross Domestic Product (GDP) at market prices	Rs mn	79,365	185,487
2. Sectoral contribution to GDP			
<i>Agriculture</i>	%	10.2	5.9
<i>Manufacturing</i>	%	23.4	19.7
<i>Construction</i>	%	6.2	5.6
<i>Wholesale and retail trade</i>	%	12.9	12.0
<i>Hotels and restaurants</i>	%	5.6	7.7
<i>Transport and communications</i>	%	10.6	12.9
<i>Financial intermediation and business services</i>	%	6.3	10.3
<i>Other</i>	%	24.8	25.9
3. GDP annual growth rate (basic prices)	%	+6.2	+2.5
4. Per capita GDP at market prices	Rs	69,977	149,160
5. Per capita GDP in US dollars	US\$	3,550	5,103
6. Investment (GDFCF)	Rs mn	19,709	39,524
7. Exports (f.o.b) (include ship's stores and bunkers)	Rs mn	31,676	59,247
8. Imports (c.i.f)	Rs mn	41,082	93,371
9. Population	000	1,134.0	1,248.6
10. Population annual growth rate	%	1.2	0.9
11. Population density (per kilometre square)	Number	560	650
12. Total labour force ²	000	496.2	542.5
13. Total employment ²	000	475.5	507.0
<i>Agriculture (as a % of total)</i>	%	12.5	9.7
<i>Manufacturing (as a % of total)</i>	%	28.7	23.3
14. Unemployment rate ²	%	5.9	9.6
15. Inflation rate	%	6.6	4.9
16. Tourist arrivals	000	486.9	761.1

¹ Revised² Year 1996 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 ¹ /rural residence and sex between the 1990 and 2000 censuses

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

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

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

² Unadjusted " de jure " population

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

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

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

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

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

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

Table 6.5 - Population growth in intercensal periods , Republic of Mauritius¹ 1851 - 2000

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

¹ excluding Agalega and St Brandon

² "de facto" population

³ "de jure" population

Table 6.6 - Growth of the resident population and vital statistics - Republic of Mauritius ¹, 1996 - 2005

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	
1996	1,128,908	20,763	7,670	13,093	-41	13,052	1.16	0.00	1.16	1,141,960
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	10,714	+350	10,524	0.82	+0.03	0.85	1,248,296

¹ Excl. Saint Brandon and Agalega

Table 6.7 - Life Expectancy at birth, 1996 - 2005

Year	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Male	66.4	66.6	66.8	67.4	68.1	68.4	68.6	68.7	68.7	68.9
Female	74.3	74.4	74.4	74.6	75.3	75.3	75.3	75.4	75.5	75.6

Table 6.8 - Infant mortality ¹ rate by geographical district, 1996 - 2005

Geographical district	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Port Louis	24.6	22.0	23.4	20.4	18.6	16.0	13.8	9.7	17.9	18.8
Pamplemousses	24.9	17.6	18.9	17.0	15.3	13.8	11.9	12.7	16.4	16.6
Riviere du Rempart	17.8	17.8	20.7	14.3	14.1	12.0	19.1	8.7	17.8	12.7
Flacq	19.0	21.4	13.4	16.5	13.9	14.4	12.5	9.5	12.5	11.1
Grand Port	26.7	19.1	30.9	27.2	18.3	16.8	20.9	17.2	17.0	13.2
Savanne	22.1	33.0	12.3	28.4	20.9	7.3	17.6	13.2	17.6	13.8
Plaines Wilhems	20.6	18.2	16.4	17.8	13.8	13.1	11.8	13.9	9.8	10.7
Moka	19.4	22.7	23.5	16.8	14.7	14.2	13.4	12.0	14.9	17.7
Black River	29.6	20.6	21.6	19.9	18.5	17.3	18.4	14.5	8.5	8.1
Island of Mauritius	22.2	20.3	19.4	19.2	15.8	13.9	14.5	12.4	14.0	13.2

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

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

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

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

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

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

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

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

Type of occupancy or vacancy	Housing units			
	1990		2000	
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, 1996 - 2005

Details	Unit	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total primary energy requirement	ktoe	910.3	943.7	1007.7	999.5	1113.1	1182.0	1157.3	1222.8	1255.8	1293.2
<i>Imported</i>	<i>ktoe</i>	<i>634.7</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>Local</i>	<i>ktoe</i>	<i>275.6</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>
Total primary energy requirement index (1990 = 100)		123.9	128.1	136.9	134.5	150.9	159.7	158.4	167.3	171.8	177.0
Annual increase	%	+4.5	+3.7	+6.8	-0.8	+11.4	+6.2	-2.10	+5.7	+2.7	+3.0
Import dependency	%	69.7	68.6	70.2	77.9	76.3	76.2	77.7	78.2	78.0	79.7
Energy intensity	toe per Rs.100,000 GDP	1.71	1.68	1.69	1.63	1.67	1.69	1.62	1.65	1.59	1.62
Per capita primary energy requirement	toe	0.80	0.82	0.87	0.85	0.94	0.99	0.96	1.00	1.02	1.04
Per capita final energy consumption	toe	0.61	0.63	0.63	0.59	0.63	0.65	0.63	0.67	0.68	0.68
Per capita consumption of electricity sold	KWh	878	947	1,026	1,059	1,158	1,222	1,248	1,330	1,382	1,429

Table 6.14 - Primary energy requirement, (Energy unit), Republic of Mauritius, 1996 - 2005

Thousand tonne of oil equivalent (ktoe)

Energy source	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Imported										
Gasolene	94.4	94.7	95.7	96.7	99.4	94.8	94.5	96.4	97.6	100.1
Diesel oil	137.4	147.0	156.7	166.6	191.3	190.6	198.7	210.9	216.0	214.2
Dual purpose kerosene	163.2	141.0	154.6	154.1	136.0	143.4	127.7	147.4	168.8	171.7
Kerosene	79.4	58.8	61.5	53.1	23.6	13.8	14.4	18.9	26.3	28.6
Aviation fuel	83.8	82.2	93.1	101.0	112.4	129.6	113.3	128.6	142.5	143.1
Fuel oil	175.3	194.1	212.7	230.0	215.5	236.1	231.4	249.7	259.1	253.3
LPG	39.5	42.3	43.7	46.9	50.0	50.8	52.5	55.8	59.2	65.7
Coal	25.0	28.3	43.9	84.7	156.9	185.5	193.9	196.0	179.4	225.6
Sub- total (Imported)	634.8	647.4	707.3	779.0	849.1	901.2	898.7	956.2	980.1	1,030.6
Local										
Hydro\Wind	9.0	8.0	9.0	2.6	8.2	6.1	7.4	10.1	10.6	9.9
Bagasse ¹	255.2	278.6	282.7	210.3	248.5	267.4	243.9	249.1	257.8	245.1
Fuel wood ¹	11.4	9.8	8.8	7.7	7.3	7.3	7.3	7.3	7.3	7.6
Sub- total (Imported)	275.6	296.4	300.5	220.6	264.0	280.8	258.6	266.5	275.7	262.6
Total	910.4	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 estimates

Table 6.15 - Imports of energy sources (Energy unit), Republic of Mauritius, 1996 - 2005

Thousand tonne of oil equivalent (ktoe)

Energy source	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Gasolene	95.1	95.1	93.8	100.2	97.0	93.7	86.7	93.8	94.7	93.7
Diesel oil	224.2	258.5	285.6	298.5	343.1	341.4	349.9	312.3	322.9	333.2
Dual purpose kerosene	203.8	204.1	214.7	241.2	226.1	222.7	234.5	236.8	267.1	257.9
<i>Kerosene</i>	84.4	79.6	56.3	45.9	28.4	12.5	14.9	21.0	31.0	29.0
<i>Aviation fuel</i>	119.4	124.5	158.4	195.2	197.6	210.3	219.6	215.8	236.1	228.9
Fuel oil	186.6	239.2	263.2	236.4	210.0	264.1	200.2	276.5	277.3	316.7
LPG	39.5	45.0	48.2	47.1	51.1	47.4	60.4	55.6	58.1	67.7
Coal	23.9	17.2	53.5	79.9	137.9	215.4	193.5	179.4	205.7	235.1
Total	773.1	859.2	958.9	1,003.2	1,065.2	1,184.8	1,125.2	1,154.4	1,225.8	1,304.4

**Fig. 20 - Imports of energy sources, Republic of Mauritius,
1996 - 2005**

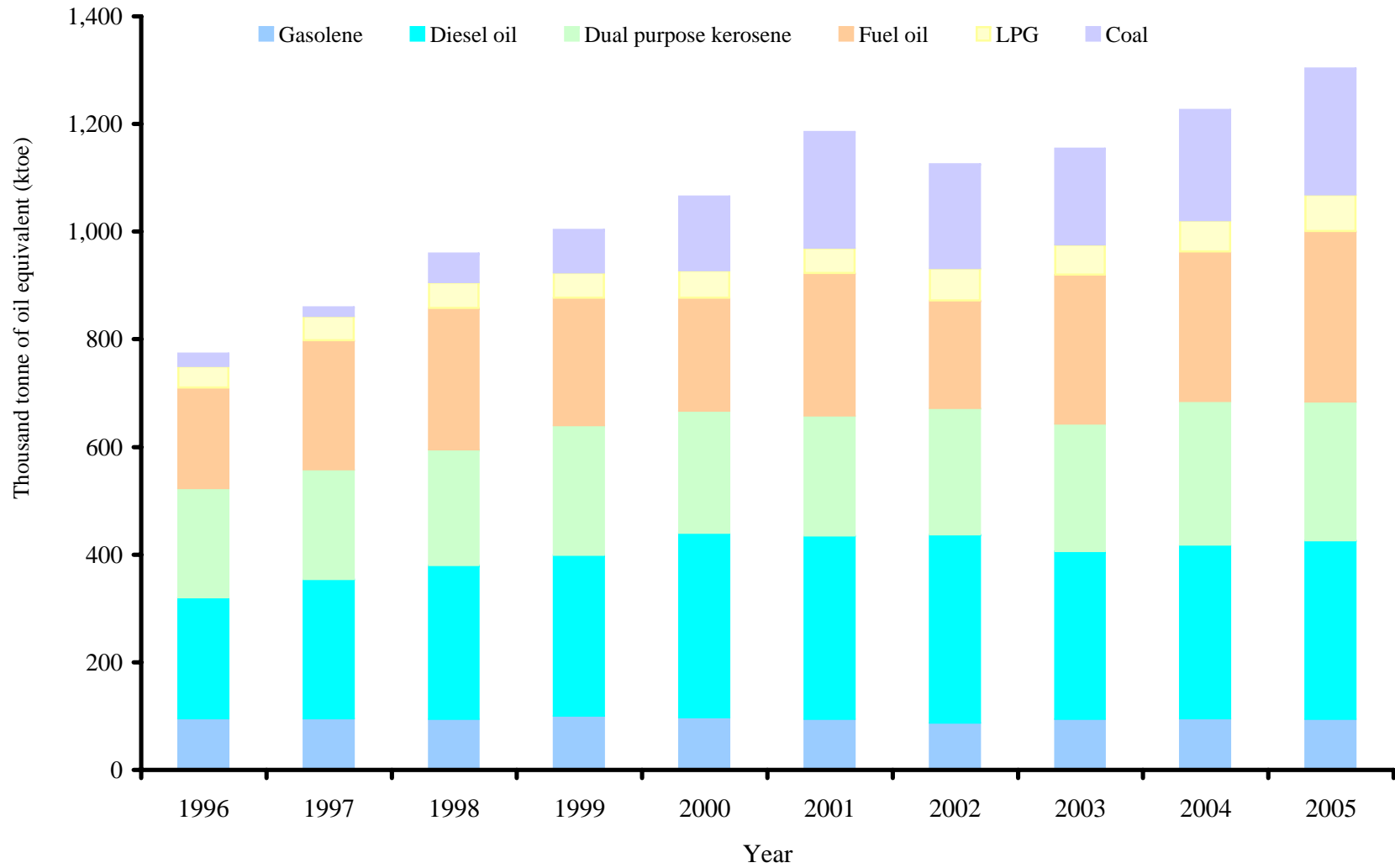


Table 6.16 - Fuel input for electricity production, (Energy unit), Republic of Mauritius, 1996 - 2005

Thousand tonne of oil equivalent (ktoe)

Fuel	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
<u>Island of Mauritius</u>										
Fuel oil	139.6	154.4	169.0	183.1	164.5	173.8	167.9	192.1	206.7	201.7
Diesel oil	2.2	2.3	2.6	3.1	2.9	2.6	2.8	2.4	2.4	1.9
Kerosene	68.5	48.9	51.7	43.6	13.6	3.9	5.7	10.3	17.2	18.4
Coal	4.1	11.4	27.9	69.5	141.7	169.5	177.9	178.0	164.4	211.2
Bagasse ¹	85.3	95.6	122.6	114.2	163.4	182.8	173.1	167.5	174.9	168.9
<u>Island of Rodrigues</u>										
Fuel oil ²	0.6	1.8	2.6	3.6	4.0	4.2	4.5	4.2	4.6	6.6
Diesel oil ²	2.3	1.1	1.2	0.4	0.6	0.6	0.7	1.5	1.6	0.2
Total	302.5	315.5	377.6	417.6	490.6	537.3	532.5	556.0	571.7	609.1

¹ Estimates

² Figures for 1996 - 1997 are estimates

Table 6.17 - Final energy consumption by sector and type of fuel (Physical unit), Republic of Mauritius, 1996 - 2005

Sector	Unit	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Manufacturing											
Fuel oil	tonne	36,590	39,518	42,774	45,150	49,000	60,630	61,439	55,615	49,857	46,763
Diesel oil	tonne	23,367	26,622	30,233	32,650	41,600	37,533	37,409	41,273	43,372	41,127
LPG	tonne	2,761	3,179	3,276	3,600	3,689	3,650	3,502	2,964	2,756	3,904
Coal	tonne	33,727	27,242	25,713	24,490	24,464	25,781	25,888	29,000	24,220	23,162
Fuel wood ¹	tonne	3,400	2,500	2,000	1,800	1,500	1,500	1,450	1,430	1,415	1,400
Electricity	GWh	446.2	496.1	551.3	558.8	651.6	711.4	711.7	742.2	769.0	777.0
Bagasse ¹	tonne	1,062,100	1,143,800	1,000,600	600,400	531,800	529,000	442,722	510,246	518,379	476,198
Transport											
Gasolene	tonne	87,387	87,671	88,592	89,500	92,000	87,749	87,507	89,242	90,350	92,673
LPG	tonne	-	-	264	485	633	820	1,216	2,223	2,691	6,726
Diesel oil	tonne	106,224	113,361	118,934	126,500	142,000	145,555	153,437	161,267	164,120	166,510
Aviation fuel (local aircraft)	tonne	80,569	79,025	89,537	97,126	108,082	124,652	108,972	123,627	137,002	137,560
Household											
Kerosene	tonne	10,504	9,533	9,472	9,100	9,600	9,480	8,409	8,265	8,726	9,765
LPG	tonne	30,437	32,313	32,837	34,700	37,710	37,850	39,023	40,559	42,856	43,206
Fuel wood ¹	tonne	23,200	20,900	19,000	16,400	16,000	15,900	15,850	15,780	15,940	16,540
Charcoal ¹	tonne	350	300	250	200	150	150	130	125	120	130
Electricity	GWh	364.5	394.9	431.2	449.6	491.9	522.8	532.6	564.6	575.0	607.6
Commercial and Distributive Trade											
LPG	tonne	3,356	3,650	4,000	4,500	4,150	4,450	4,559	5,749	6,372	6,985
Charcoal ¹	tonne	500	300	300	300	300	330	340	350	360	380
Electricity	GWh	256.3	290.3	322.3	337.4	374.8	415.5	424.9	479.3	516.0	556.0
Agriculture											
Diesel oil ¹	tonne	2,000	2,100	2,200	2,300	2,400	2,460	2,430	2,410	2,375	2,345
Electricity	GWh	21.3	20.5	25.3	22.5	27.2	26.8	27.5	27.0	23.8	27.1

¹ Estimates

Table 6.18 - Final energy consumption by sector (Energy unit), Republic of Mauritius, 1996 - 2005

Thousand tonne of oil equivalent (ktoe)

Sector	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Manufacturing	292.2	311.8	299.3	240.2	249.9	262.4	249.2	262.3	259.3	248.6
Transport	285.5	291.4	309.2	326.0	355.9	372.3	364.1	390.2	408.7	418.6
Household	84.2	86.9	89.8	92.0	99.2	101.8	102.8	107.0	111.0	115.5
Commercial and Distributive Trade	26.0	29.1	32.3	34.1	36.9	40.8	41.7	47.7	51.5	55.7
Agriculture	3.9	3.9	4.4	4.3	4.8	4.8	4.8	4.8	4.4	4.7
Other (n.e.s) and losses	1.4	1.5	1.6	1.8	2.3	2.3	2.4	2.9	3.2	3.1
TOTAL	693.1	724.5	736.6	698.3	749.0	784.4	765.1	814.9	838.1	846.1

Table 6.19 - Percentage share of final energy consumption by sector, Republic of Mauritius, 1996 - 2005

Sector	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Manufacturing	42.2	43.0	40.6	34.4	33.4	33.5	32.6	32.2	30.9	29.4
Transport	41.2	40.2	42.0	46.7	47.5	47.5	47.6	47.9	48.8	49.5
Household	12.1	12.0	12.2	13.2	13.2	13.0	13.4	13.2	13.2	13.6
Commercial and Distributive trade	3.8	4.0	4.4	4.9	4.9	5.2	5.5	5.9	6.1	6.6
Agriculture	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6
Other (n.e.s) and losses	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 6.20 - Vehicles ¹ registered by type, 1996 - 2005

Type of vehicle	Number									
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Car	45,563	48,390	51,051	52,892	54,911	58,082	63,307	68,524	77,342	84,818
(of which taxi car)	(4,673)	(4,721)	(4,761)	(4,905)	(5,039)	(5,318)	(5,801)	(5,979)	(6,482)	(6,798)
Dual purpose vehicle	24,382	27,050	29,527	32,262	34,912	36,984	38,129	39,383	40,667	42,026
Heavy motor car	922	934	945	934	916	923	944	958	1,020	1,045
Motor cycle	22,230	22,839	23,577	24,125	24,523	25,104	25,723	26,744	28,646	30,927
Auto cycle	79,524	82,567	85,566	88,821	91,955	94,849	97,078	98,858	100,854	102,503
Lorry and truck	9,058	9,356	9,750	10,138	10,485	10,888	11,236	11,501	11,774	12,047
Van	11,434	12,469	14,508	16,814	18,807	20,694	21,750	22,496	23,326	23,989
Bus	2,348	2,359	2,367	2,344	2,394	2,408	2,450	2,460	2,457	2,560
Tractor and dumper	2,580	2,615	2,627	2,630	2,645	2,683	2,683	2,877	2,935	2,982
Prime mover	262	278	297	315	322	335	349	369	388	412
Trailer	1,597	1,640	1,703	1,719	1,726	1,776	1,770	1,772	1,771	1,765
Road roller	106	108	105	102	100	100	101	100	99	96
Other	314	317	321	319	322	323	321	329	326	326
Total	200,320	210,922	222,344	233,415	244,018	255,149	265,841	276,371	291,605	305,496

¹ Excluding pedal cycles , but including government vehicles

Fig. 21 - Vehicles registered by type, 1996 - 2005

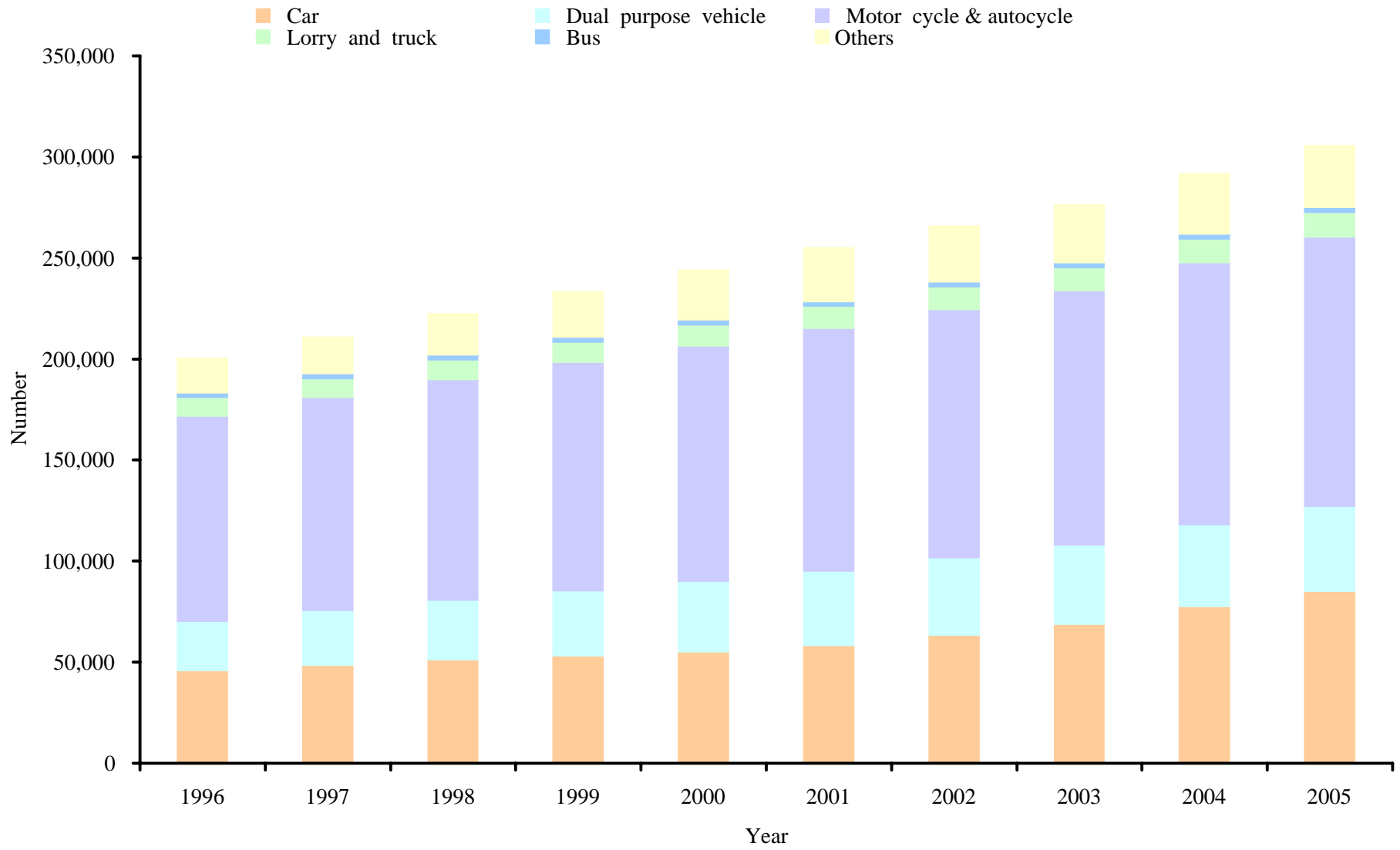


Table 6.21 - Road traffic accidents ¹ and casualties , 1996 - 2005

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
1. Road traffic accidents:										
Number	14,845	15,954	18,055	17,877	18,278	18,517	18,022	19,178	19,495	22,554
Rate per 100,000 Population	1,351	1,434	1,605	1,569	1,588	1,591	1,535	1,616	1,629	1,869
Rate per 1,000 registered motor vehicles	77	78	84	79	77	75	69	72	69	76
2. Motor vehicles involved										
Number	26,270	28,561	32,568	32,547	33,537	33,988	33,119	35,239	35,506	43,741
Rate per 1,000 registered motor vehicles	135	140	152	144	142	137	127	133	126	148
3. Casualties :										
Total number of casualties	3,774	3,755	3,828	3,405	3,291	3,264	2,904	2,698	2,951	2,760
Fatal ²	153	146	162	170	163	126	158	131	144	136
Seriously injured	238	261	281	237	266	288	216	291	245	358
Slightly injured	3,383	3,348	3,385	2,998	2,862	2,850	2,530	2,276	2,562	2,266
4. Fatality :										
Rate per 100,000 population	13.9	13.1	14.4	14.9	14.2	10.8	13.5	11.0	12.0	11.3
Rate per 1,000 registered motor vehicle	0.8	0.7	0.8	0.8	0.7	0.5	0.6	0.5	0.5	0.4
Fatality Index ³	4.1	3.9	4.2	5.0	5.0	3.9	5.4	4.8	4.9	4.9

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

³ Fatality index is the number of fatalities per 100 casualties

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

Fig. 22 - Road traffic accidents and casualties rate, 1996 - 2005

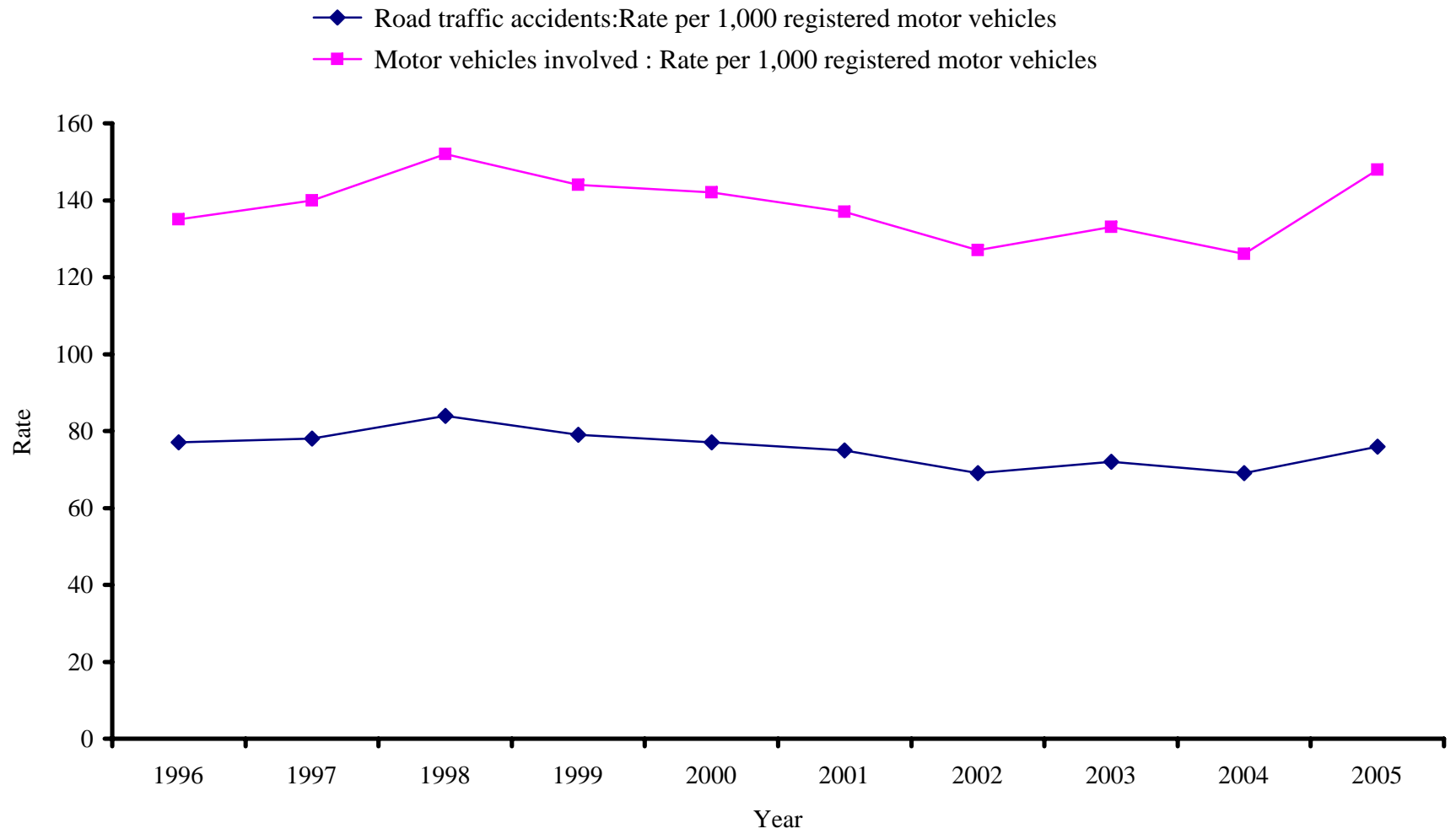


Table 6.22 - Imports of motor spirit and gas oil by country of origin, 2001 - 2005

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

Item	Country of origin	Unit	2001		2002		2003		2004 ¹		2005 ²	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Motor spirit (Gasoline)	Bahrain	000 Litres	26,148	203,232	19,837	164,003	52,434	439,731	81,041	686,478	48,820	526,795
	Saudi Arabia	"	15,065	110,845	26,907	222,842	28,205	258,132	10,204	89,363	6,318	104,960
	South Africa Rep.	"	30,038	218,891	16,190	89,057	-	-	8,076	48,099	-	-
	Singapore	"	3,074	26,345	-	-	-	-	-	-	5,995	94,674
	United Arab Emirates	"	12,448	86,812	17,363	129,752	6,163	50,647	17,771	179,819	46,631	618,343
	Tanzania	"	-	-	-	-	-	-	2,610	26,860	-	-
	India	"	-	-	-	-	-	-	-	-	7,408	82,960
	Reunion	"	-	-	-	-	-	-	-	-	2,733	25,040
			86,773	646,125	80,297	605,654	86,802	748,510	119,702	1,030,619	117,905	1,452,772
Gas oil (Diesel)	Bahrain	000 Litres	62,967	392,692	87,179	617,939	160,788	1,148,753	166,152	1,388,045	146,279	1,819,045
	Saudi Arabia	"	90,262	580,062	99,745	667,094	96,136	662,637	112,276	798,739	177,637	2,138,530
	South Africa Rep.	"	123,223	710,386	58,841	298,879	13,479	96,965	-	-	6,978	68,275
	Singapore	"	20,777	131,704	-	-	-	-	-	-	18,325	265,007
	United Arab Emirates	"	40,815	231,327	100,636	639,664	6,884	46,240	30,972	296,146	-	-
	India	"	-	-	-	-	22,848	196,298	41,848	430,416	44,837	542,554
	Yemen	"	-	-	-	-	9,080	56,027	-	-	-	-
	Kuwait	"	-	-	-	-	-	-	26,282	188,187	-	-
			338,044	2,046,171	346,401	2,223,576	309,215	2,206,920	377,530	3,101,533	394,056	4,833,411

¹ Revised

² Provisional

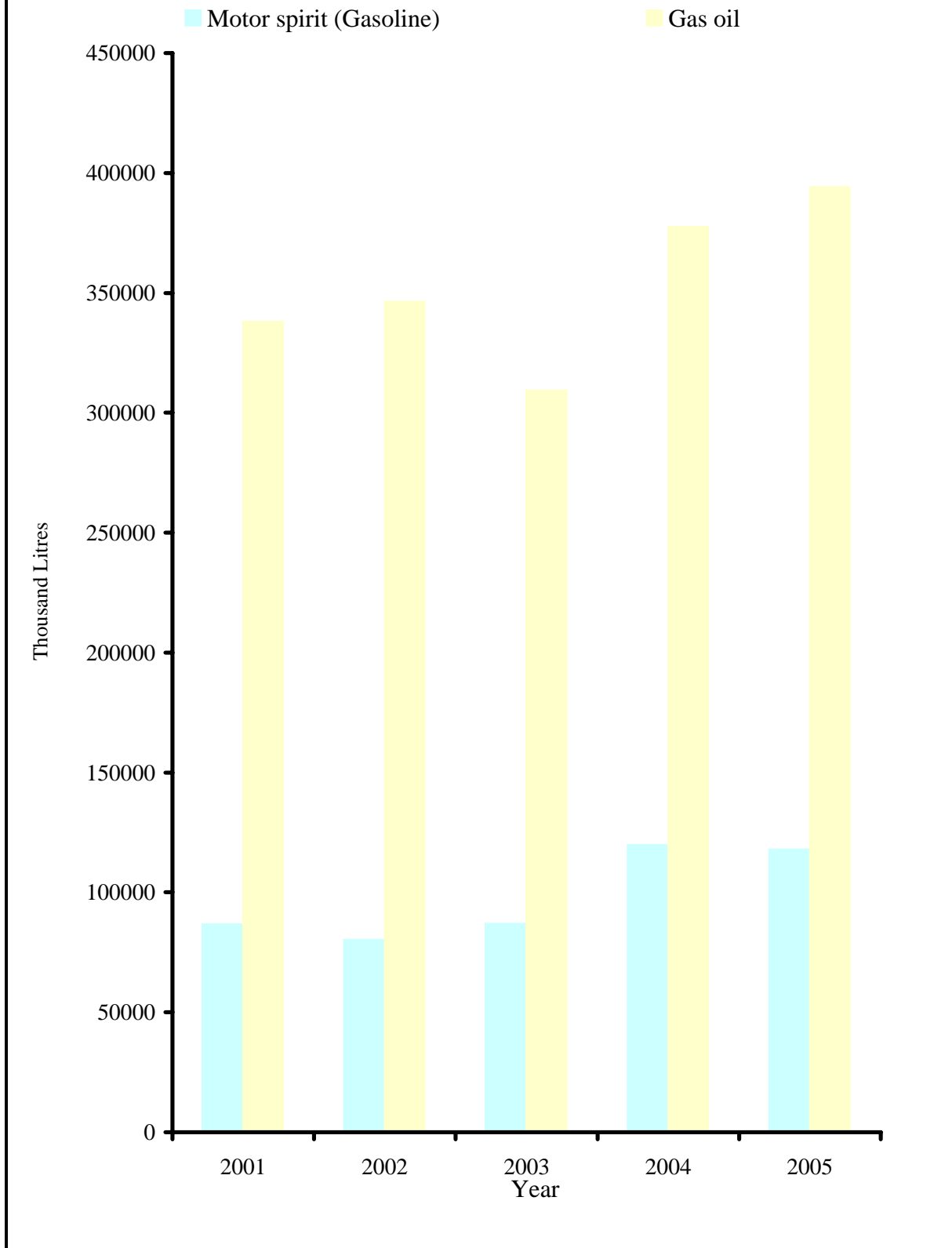
Fig. 23 - Imports of motor spirit and gas oil, 2001 - 2005

Table 6.23 - Imports of lubricating oils and greases by country of origin, 2001 - 2005

Item	Country of origin	2001		2002		2003		2004 ¹		2005 ²	
		Quantity (M/ton)	Value (Rs '000)	Quantity (M/ton)	Value (Rs '000)	Quantity (M/ton)	Value (Rs '000)	Quantity (M/ton)	Value (Rs '000)	Quantity (M/ton)	Value (Rs '000)
Lubricating oil containing not less than 70% by weight of petroleum products	France	431	14,206	247	9,223	371	14,691	338	16,261	287	13,719
	Japan	22	1,594	2	223	2	232	-	-	-	-
	Singapore	4,236	95,848	3,496	76,699	4,536	101,014	4,547	113,146	4,017	121,955
	South Africa Rep.	2,545	63,489	2,790	61,762	2,622	64,405	2,578	64,793	2,460	83,023
	Thailand	111	2,269	21	633	87	2,138	175	4,649	63	2,340
	United Kingdom	21	1,382	6	441	17	1,167	36	2,651	59	4,527
	United States	38	4,597	68	9,618	126	10,861	75	8,261	70	9,868
	Other countries	207	5,499	249	6,569	258	6,531	940	24,150	1,338	40,183
			7,611	188,884	6,879	165,168	8,019	201,039	8,689	233,911	8,294	275,615
Lubricating greases containing not less than 70% by weight of petroleum products	France	47	1,492	13	549	5	414	5	437	7	456
	Singapore	13	541	10	296	4	209	38	1,297	11	682
	South Africa Rep.	109	3,265	114	3,081	139	3,970	117	4,149	113	5,968
	Thailand	-	-	-	-	88	1,163	16	504	5	194
	Other countries	10	929	5	547	6	757	17	986	14	998
			179	6,227	142	4,473	242	6,513	193	7,373	150	8,298

¹ Revised² Provisional

Table 6.24 - Air transport, 1996 - 2005

Year	Number of movements ¹		Freight ²	
	Landings	Take - offs	Unloaded (Tonnes)	Loaded (Tonnes)
1996	6,265	6,261	16,856	18,815
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

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

² include freight carried by planes other than commercial .

Table 6.25 - Tourist¹ arrivals by mode of transport and tourist nights spent during period, 1996 - 2005

Period	Tourist arrivals during period			Tourist nights spent during period ²	% change over previous year	
	Sea	Air	Total		Tourist arrivals	Tourist nights
1996	6,484	480,383	486,867	4,957,683	+ 15.2	+ 11.8
1997	7,476	528,649	536,125	5,451,314	+ 10.1	+ 10
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

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

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

Table 6.26 - Broadcasting services (end of period), Republic of Mauritius, 1996 - 2005

	Unit	1996	1997	1998	1999	2000	2001	2002 ¹	2003 ¹	2004 ¹	2005
A. Sound											
Channels	Number	6	7	7	7	8	8	8	8	8	8
Transmitters	"	20	20	20	22	24	18	21	24	24	24
Aerial output:											
Medium wave	kW	10	10 / 1	10 / 1	10 / 2	10 / 2	10 / 2	10 / 2	10 / 2	10 / 2	10 / 2
F.M.	kW	1	1 / 0.3	1 / 0.3	1 / 0.5	1 / 0.5	1 / 0.5	1 / 0.5	1 / 0.5	1 / 0.5	1 / 0.5
Weekly transmission time	Hour	1,008	1,350	1,176	1,176	1,344	1,344	1,344	1,848	1,848	1,848
Private operators	Number	-	-	-	-	2	2	3	3	3	3
B. Television											
Channels	Number	5	6	6	4	4	4	4	4	10 ²	10 ²
Transmitters	"	51	55	57	53	59	78	78	72	75	115
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	0.4 - 30	0.1 - 75	0.1 - 90
Weekly transmission time	Hour	800	800	800	500	500	672	672	990	990	2,418
Television sets licensed											
Isl. of Mauritius	Number	172,080	192,711	214,574	216,691	219,282	230,676	236,551	253,126	254,000	271,011
Isl. of Rodrigues	"	3,440	3,770	4,104	4,356	4,575	4,760	4,934	6,286	6,300	6,873
Private operators	"	...	...	...	3	3	3	3	3	3	3

¹ Revised

² Includes 6 digital

Table 6.27 - Telephone services (end of period), 1996 - 2005

	Unit	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Total line capacity of local exchanges	Number	253,852	264,627	267,788	268,210	299,034	315,000	335,000	351,146	368,481	396,797
Main telephone lines in operation	"	183,902	222,747	243,630	257,099	284,604	306,773	325,774	348,202	353,808	357,490
Cellular mobile telephone subscribers	"	23,000	44,000	61,000	80,000	126,600	278,500	366,438	466,327	547,831	656,828
National telephone traffic (calls) ¹	000	414,000	527,000	579,000	636,000	506,630 ²	511,573 ²	539,243 ²	543,041 ²	534,531 ²	543,284
International outgoing telephone traffic:											
(a) calls	000	6,490	7,298	8,259	9,676	10,727	11,179	12,627	13,406	14,831	19,978
(b) duration	"000 minutes	21,732	24,642	27,626	31,474	34,641	35,535	36,516	43,416	45,539	55,713

Source: Mauritius Telecoms and Emtel Ltd

¹ include only calls made via the Mauritius Telecom transmission network.

² figures prior to and including 1999 relate to call units whereas 2000 - 2005 figures are for calls irrespective of duration

Table 6.28 - Health related statistics, 1999 - 2005

Year	1999	2000	2001	2002	2003	2004	2005
No of doctors (public sector) ¹	585	663	694	703	765	775	777
No of doctors (public and private sectors) ¹	1,061	1,080	1,107	1,186	1,173	1,303	1,342
No of nurses and midwives (public and private sector) ¹	2,984	2,957	2,883	2,970	2,958	2,937	2,893
No of beds (public and private sectors)	4,418	4,391	4,297	4,350	4,038	4,073	4,067
No of children immunised against Tuberculosis ²	16,829	16,923	16,611	16,658	17,021	16,424	16,147
No of children immunised against DPT (diphtheria, pertussis, tetanus) & Hepatitis B 3 rd dose ²	16,616	16,925	17,381	16,895	17,036	16,161	15,670
No of children immunised against Polio 3 rd dose ²	16,690	16,962	17,441	16,937	17,077	16,246	15,774
No of children immunised against Measles/Mumps/Rubella (MMR) ²	15,581	16,354	16,846	16,190	17,309	16,184	15,750
No of cases of (Imported) Malaria reported	73	62	62	38	40	45	35
No of cases of (Introduced) Malaria reported	-	-	3	1	-	3	1

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

¹ Republic of Mauritius

² Public sector only

Table 6.29 - 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 6.30 - 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 6.31 - Private households by principal fuel used for heating water for bathing, 2000 Housing and Population Census

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

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

Table 6.32 - No. of complaints received at the Pollution Prevention and Control Division of the Department of Environment by category, 1996 - 2005

Category	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005 ¹
Noise	106	86	150	121	555	821	458	583	444	342
Solid waste	43	35	85	57	586	758	88	88	177	201
Air pollution	35	18	47	32	71	188	229	209	129	154
Waste water	74	35	60	32	150	210	286	155	180	289
Odour	44	24	64	56	251	417	406	344	328	272
Other ²	90	85	86	93	293	657	189	389	447	215
Total	392	283	492	391	1,906	3,051	1,656	1,768	1,705	1,473

Source : Ministry of Environment and National Development Unit

¹ provisional

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

Fig. 24 - No. of complaints received at the Pollution Prevention and Control Division of the Department of Environment by category, 2005

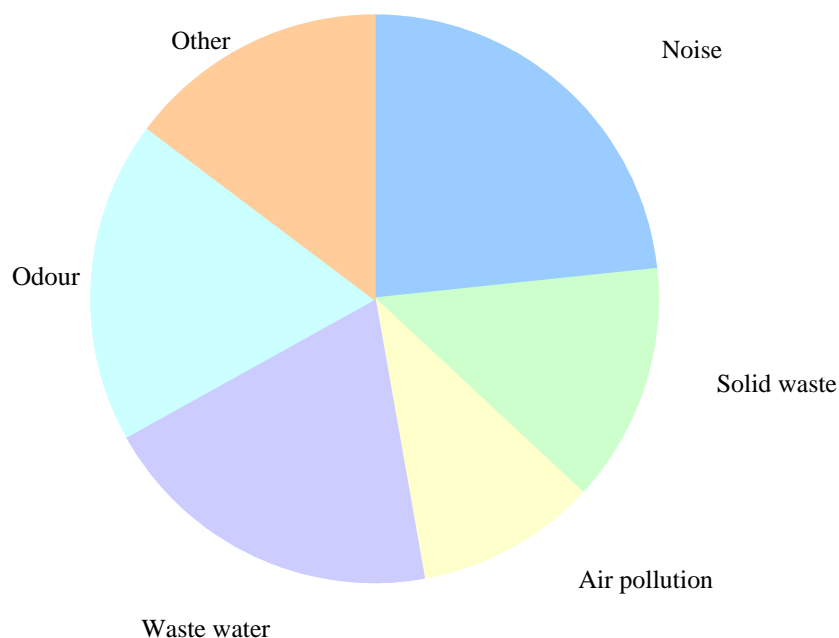


Table 6.33 - Contraventions and notices established by Police De L'Environnement, 2003 - 2005

Type of contravention	2003	2004	2005
Illegal Littering	3,965	4,422	3,624
Illegal Dumping	31	19	14
Noise	97	63	30
Smoking in prohibited area	40	77	38
Waste carriers offences	101	64	18
Setting fire within 50 metres from building/plantation	32	11	4
Obstruction	39	27	10
Road Traffic Offences	65	195	193
Trading without licence	126	100	56
Allowing animal to stray	40	15	10
Disturbance	11	3	1
Others	24	13	15
Total	4,571	5,009	4,013
No. of notices issued to drivers of vehicles emitting black smoke	3,666	4,172	5,156

Source: Ministry of Environment and National Development Unit.

Table 6.34 - Employment by industrial group ¹ and sex, March 2005, Republic of Mauritius

Industrial group	Male	Female	Both sexes
<u>Agriculture, forestry and fishing</u>	<u>18,244</u>	<u>3,800</u>	<u>22,044</u>
Sugarcane	11,246	2,557	13,803
Tea	118	215	333
Tobacco	60	105	165
Flower growing	180	271	451
Fishing	913	61	974
Animal Farming	702	101	803
Agricultural & animal husbandry services	3,890	392	4,282
Forestry, logging & related service activities	1,106	19	1,125
Other	29	79	108
<u>Mining and quarrying</u>	<u>88</u>	<u>94</u>	<u>182</u>
<u>Manufacturing</u>	<u>44,427</u>	<u>48,193</u>	<u>92,620</u>
Food:			
Meat and fish processing	2,949	2,371	5,320
Bread	681	117	798
Sugar confectionery, biscuits and other farinaceous products	452	538	990
Sugar	2,213	21	2,234
Tea	172	37	209
Other	68	137	205
Beverage and tobacco:			
Distilleries & cigarette manufacture	347	91	438
Wine and beer	1,190	159	1,349
Soft drinks	825	53	878
Textiles	3,666	2,388	6,054
Wearing apparel (except footwear)	17,871	34,788	52,659
Leather products	174	614	788
Footwear	261	160	421
Wood products (except furniture)	343	184	527
Paper products	598	175	773
Printing and publishing	1,902	955	2,857
Chemical products	1,671	428	2,099
Rubber products	152	37	189
Plastic products	1,118	457	1,575
Non-metallic mineral products:			
Stone and concrete	1,083	77	1,160
Other	211	63	274
Basic metals	357	19	376
Fabricated metal products	1,975	298	2,273
Machinery & equipment	482	53	535
Electrical machinery & apparatus	410	194	604
Radio, television & communication equipment	97	63	160
Medical, optical & photographic equipment	375	489	864
Watches and clocks	266	461	727
Transport equipment	410	23	433

¹ Large establishment

Table 6.34(cont'd)-Employment by industrial group¹ and sex, March 2005, Republic of Mauritius

Industrial group	Male	Female	Both sexes
Furniture	876	143	1,019
Jewellery and related articles	913	1,193	2,106
Other manufacturing industries	319	1,407	1,726
<u>Electricity, gas and water</u>	<u>2,830</u>	<u>150</u>	<u>2,980</u>
<u>Construction</u>	<u>11,943</u>	<u>581</u>	<u>12,524</u>
<u>Wholesale & retail trade, repair of m/vehicles, motorcycles personal & household goods</u>	<u>12,414</u>	<u>5,677</u>	<u>18,091</u>
Maintenance & repair of motor vehicles & motorcycles	278	41	319
Sale of motor vehicles, motor cycles & related parts; automotive fuel	1,388	288	1,676
Wholesale trade	6,228	1,870	8,098
Retail trade	4,520	3,478	7,998
<u>Hotels and restaurants</u>	<u>16,258</u>	<u>4,777</u>	<u>21,035</u>
Hotels	14,910	4,316	19,226
Restaurants	1,348	461	1,809
<u>Transport, storage & communication</u>	<u>14,793</u>	<u>3,257</u>	<u>18,050</u>
Bus transport	5,752	106	5,858
Other land transport	746	166	912
Water & air transport	1,959	1033	2,992
Cargo handling, storage & warehousing & related activities	3,082	491	3,573
Travel agencies & tour operators	661	652	1,313
Post & telecommunication	2,593	809	3,402
<u>Financial intermediation</u>	<u>4,648</u>	<u>3,753</u>	<u>8,401</u>
Banking	3,013	2,358	5,371
Insurance	1,280	1,065	2,345
Other	355	330	685
<u>Real estate, renting and business activities</u>	<u>9,290</u>	<u>5,005</u>	<u>14,295</u>
Real estate & renting of equipment	344	119	463
Computer services	1,312	1,438	2,750
Accounting & consultancy services	898	791	1,689
Architectural & engineering services	918	188	1,106
Advertising services	160	109	269
Security services	3,876	193	4,069
Other	1,782	2,167	3,949
<u>Public administration & defence; compulsory social securit</u>	<u>30,823</u>	<u>8,724</u>	<u>39,547</u>
<u>Education</u>	<u>10,997</u>	<u>11,205</u>	<u>22,202</u>
<u>Health and social work</u>	<u>6,456</u>	<u>6,148</u>	<u>12,604</u>
Health services	5,810	5,424	11,234
Social work activities	646	724	1,370
<u>Other community, social and personal services</u>	<u>4,557</u>	<u>1,384</u>	<u>5,941</u>
Cleaning services	1,703	289	1,992
Recreational & sporting activities	2,295	802	3,097
Other	559	293	852
Total	187,768	102,748	290,516

¹ Large establishment

Table 6.35 - Number of accidents by economic activity, bodily location and agency, Republic of Mauritius, (July 2004 - June 2005)

Economic Activity	Bodily Location ¹										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	271	12	139	46	404	232	5	0	30	1,139	81	65	33	202	670	1	87	1,139
Fishing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mining & quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Manufacturing	37	3	48	9	243	159	5	0	23	527	98	80	25	29	255	0	40	527
Electricity, gas & water supply	1	0	1	0	8	2	0	0	0	12	4	2	2	0	3	0	1	12
Construction	85	0	51	13	211	199	3	0	12	574	49	92	128	63	173	1	68	574
Wholesale and retail trade; repair of motor vehicles, motor cycles and personal and household goods	13	2	16	1	75	54	3	0	9	173	24	26	11	5	86	1	20	173
Hotels & restaurants	9	0	8	1	24	38	3	0	3	86	3	9	6	1	63	0	4	86
Transport, storage & communications	20	8	38	16	121	93	3	0	16	315	20	207	22	7	48	0	11	315
Financial intermediation	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	1
Real Estate, renting & business activities	7	0	7	3	35	27	1	0	4	84	6	14	10	3	49	0	2	84
Public administration & defence; compulsory social security	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Education	0	0	0	0	2	2	0	0	0	4	0	0	1	0	3	0	0	4
Health & social work	1	0	4	1	6	6	0	0	0	18	2	6	0	1	9	0	0	18
Other community, social & personal service activities	0	0	2	0	5	3	1	0	0	11	0	5	1	0	5	0	0	11
Private households with employed persons	0	1	0	0	2	1	0	0	0	4	0	0	1	0	3	0	0	4
Extra-territorial organisations & bodies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	444	26	314	90	1,136	816	25	0	97	2,948	287	507	240	311	1,367	3	233	2,948

¹ According to new classification

Table 6.36 - 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