

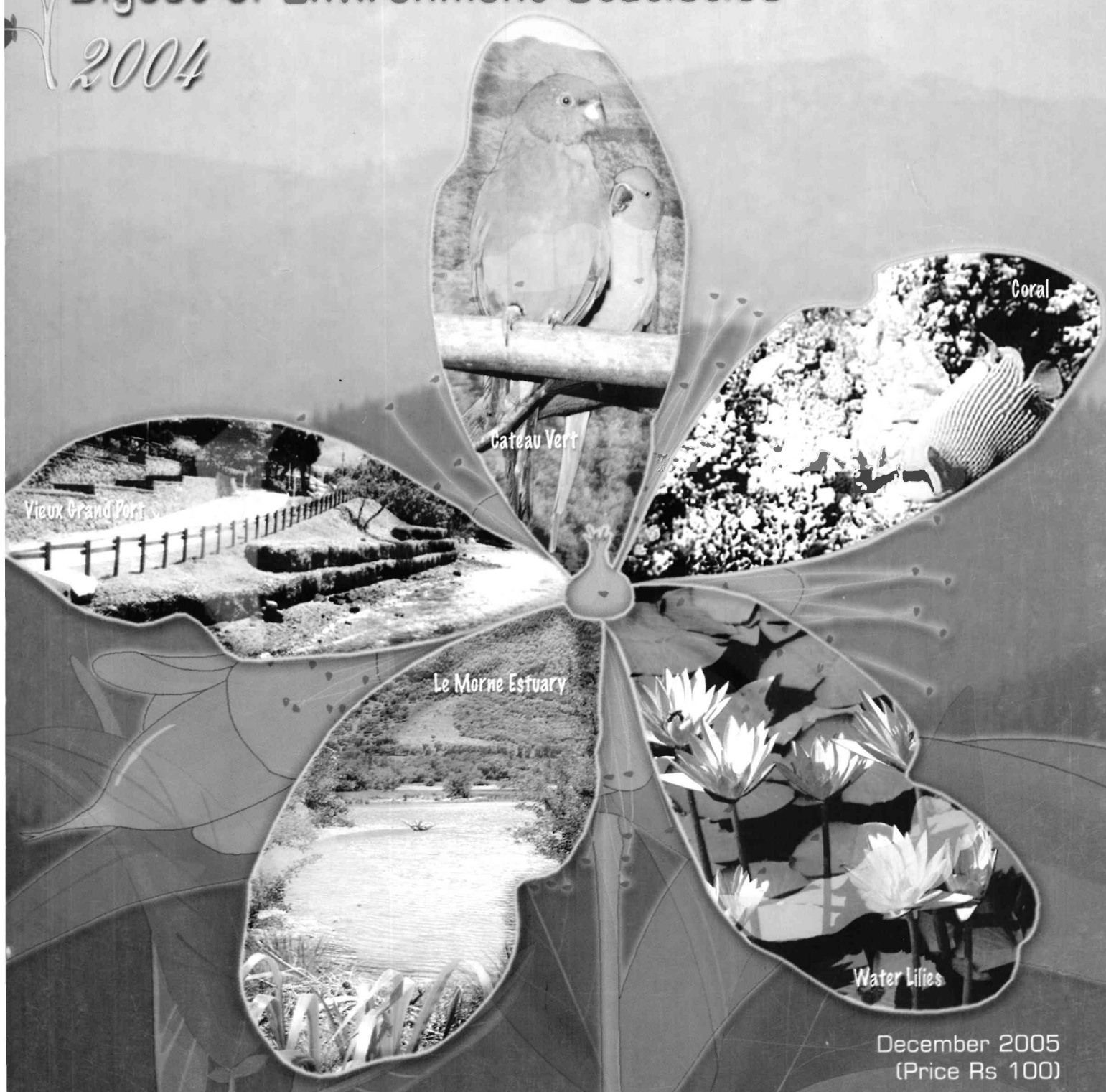


Ministry of Finance and Economic Development

Central Statistics Office

Digest of Environment Statistics

2004



**DIGEST OF ENVIRONMENT STATISTICS
2004**

Foreword

This is the third 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 1995 to 2004, 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 public 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
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Contact Person:

Mr A. Sookun

Ag. Statistician

Statistics Unit

Ministry of Environment and

National Development Unit

Level 6, Ken Lee Tower

Line Barracks Street

Port Louis

Telephone: 213-3058

Fax: 211- 9178

Email: CSO@mail.gov.mu.

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TECHNICAL NOTES

Introduction

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

Concept and coverage

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

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

The digest covers data for the period 1994 to 2003, 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:

- 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 Environment and National Development Unit
- 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 - 2004

Highlights

1. Flora

1.1 Land area

Table 1.1 shows the forest area by category for the Island of Mauritius. In 2004, total forest area was 47,066 hectares, of which 22,066 (47%) were state-owned and the remaining 25,000 hectares (53%) were private-owned.

Under the category state-owned, about 12,288 hectares were planted areas while the National Park and the nature reserves accounted for nearly 6,570 and 800 hectares respectively. Forest area under the category "Pas Geometriques" represented about 635 hectares.

Most of the privately-owned lands falls under forest land which includes scrubs and grazing land and they are estimated at 16,000 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 13,730 hectares. The Black River Gorges National Park represents nearly 6,570 hectares (48%) followed by the mountain and river reserves which are all privately owned, by 3,800 (28%) and 2,740 (20%) hectares respectively. The nature reserves constituting the islets accounts for nearly 620 hectares (4%).

2. Fauna

2.1 Livestock

Cattle, goat, sheep and pig represented the major livestock in the country. As at March 2004, goats dominated the livestock population with an estimated population of 19,690 heads (47%) followed by pigs, 15,623 (37%), cattle, 5,829 (14%) and sheep, 638 heads (2%) (Table 2.1).

2.2 Agro-industrial production

In 2004, production of beef, of which nearly 94% was imported, constituted the leading contributor. It averaged about 74% of the total livestock production. The remaining livestock production were shared by pigs (22%) and goat and mutton (3%) (Table 2.3).

2.3 *Fish catch and production*

Table 2.5 shows a steady decline in fish production from 16,029 tonnes in 1995 to 9,431 tonnes in 2004. Compared to 2003, a decrease of 3% was noted in the fish production for the year 2004.

In 2004, fish production through coastal (artisanal) fishery amounted to 1,043 tonnes, that is 11% lower than last year. Basket trap accounted for 41% of the total catch, followed by line (27%) and large net (16%) (Table 2.6).

In 2004, the mean catch per day per fisherman (coastal) was 4.2 kilogram (Table 2.9).

2.4 *Protected areas*

The marine protected areas consist of marine parks, fishing reserves and wetland. In 2004, the area occupied by the fishing reserves were about 6,350 hectares followed by the marine parks, 838 hectares and wetland, 26 hectares respectively (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.

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 removal 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 2004, some 2,796 thousand tonnes of Carbon Dioxide, the major greenhouse gas, were emitted in the atmosphere while only 2,237 thousand tonnes were removed. Thus net emission amounted to 2,572 thousand tonnes, representing an increase of 1% over last year (Table 3.6).

The emissions of minor greenhouse gases were as follows: Carbon Monoxide (66.9 thousand tonne), Sulphur Dioxide (32.7 thousand tonne), Non-Methane volatile organic compound (16.5 thousand tonne), Oxides of Nitrogen (15.2 thousand tonne), Methane (12.3 thousand tonne) and Nitrous Oxide (1.5 thousand tonne).

3.2.2 Carbon dioxide emissions from fuel combustion activities.

In 2004, total Carbon dioxide emissions from fuel combustion activities increased slightly by about 0.4% from 2,781 thousand tonnes in 2003 to 2,794 thousand tonnes. Carbon dioxide from energy production contributed to 51% of the total, followed by transport, 29% and manufacturing industries, 13% (Table 3.7).

3.2.3 Greenhouse gas inventory

The national inventory of greenhouse gas emissions by source categories for the years 2003 and 2004 is given in Table 3.8. Carbon dioxide with an emission of 2,796 thousand tonnes 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 24% from 227 metric tonnes in 2003 to 172 metric tonnes in 2004. Almost 98% of the ozone-depleting substances constituted of the hydrochlorofluorocarbons, HCFC's (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 2004, the island of Mauritius received on average 4,233 million cubic metres (Mm³) of precipitation (rainfall) which is an increase of about 6% over the previous year. Some 1,270 Mm³ (30%) of this water was lost through

evapotranspiration, while surface runoff and ground water recharge accounted for 2,540 Mm³ (60%) and 423 Mm³ (10%) respectively (Table 4.3).

4.2 Water utilisation

The water demand in 2004 was estimated at 1,014 Mm³, of which, 490 Mm³ (48%) were used for irrigation, 289 Mm³ (29%) for hydropower and 235 Mm³ (23%) for domestic and industrial purposes (Table 4.4).

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

4.3 Water consumption

During the period 1995 to 2004, the domestic consumption of water rose from 155 to 159 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).

From 2003 to 2004, the effective area under sugarcane has shrunk by 3,332 hectares (-4.5%), to 70,785 hectares. During the same period area under tea plantation dropped to 674 hectares (-1%) from 681 hectares and area under tobacco fell to 356 hectares (-6%) from 379 hectares (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 2004 amounted to 61,266 tonnes, showing a decrease of 2,241 tonnes (-3.5%) over 2003. The nutrient contents consisted of nitrogen, phosphate and potash and were distributed in the following proportions: nitrogen 39.2 %, phosphate 15.0 % and potash 45.8 %.

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 372,434 tonnes in 2003 to 381,203 tonnes in 2004, representing an increase of 8,769 tonnes or 2.4% (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 2000 to 2004 and number of PER licences issued as from 2003 are shown in Table 5.14. In 2004, 85 EIA licences were granted, compared with 95 in 2003. EIA licenses for housing projects and land parcelling accounted for 40% and 25 % of the total licences respectively.

The majority of the PER licences granted in 2004 were for poultry rearing and industrial development, with each accounting for 25% of the projects.

6. Human settlement

6.1 The economy

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

From 1995 to 2004, Gross Domestic Product (GDP), which measures the total value of production, has increased in nominal terms from Rs 70,246 million to Rs 174,501 million. The share of agriculture in GDP decreased from 10.4% in 1995 to

6.2% in 2004, that of manufacturing, from 23% to 21% while that of the financial and business services increased from 15% to 19.1%.

During the same period, the population increased by 10.9% from 1,112,400 to 1,233,400 and the population density from 554 per km² to 607.

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 2.7% from 1,223 ktoe in 2003 to 1,256 ktoe in 2004. Around 78% of the total primary energy requirement was met by imported fuels (oil, LPG and coal) and the remaining 22%, 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 192 ktoe of total energy used in 2003, increased by 8% to reach to 207 ktoe in 2004 while the amount of bagasse used rose by 4%.

6.2.3 Final energy consumption

In 2004, final energy consumption reached around 838 ktoe, an increase of 2.8% over the figure of 815 ktoe in 2003. Changes in the different sectors were as follows: "Commercial and Distributive Trade" (+8%), "Transport" (+5%), "Household" (+4%), "Manufacturing" (-1%) and the agricultural sector (-8%) (Table 6.18).

The largest consumers were the transport and manufacturing sectors, which accounted for 49% and 31% of the total consumption respectively (Table 6.19).

6.2.4 Transport

Industrialisation, continuous economic growth and higher standard of living have led to a rapid increase in transport services over the recent years. A number of

environmental problems are associated with transport, especially emission of carbon dioxide and other pollutants such as nitrogen oxide, volatile organic compounds, sulphur dioxide and particulate.

In 2004, petroleum products used for transportation were as follows; 164,120 tonnes of diesel oil, 90,350 tonnes of gasoline, 2,691 tonnes of liquefied petroleum gas (LPG) and 137,002 tonnes of aviation fuel (Table 6.17).

6.3 *Stock of registered motor vehicles*

In 2004, the fleet of motor vehicles stood at 291,605, up by 5.5% over the year 2003.

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 1995 to 2004 is shown in Table 6.32. The number of complaints rose from 349 in 1995 to 1,705 in 2004. The major causes for complaints were noise (26%) and odour (19%).

6.5 *Contraventions*

In 2004, the Police de L'Environnement issued 5,009 contraventions of which illegal littering accounted for 88% (4,422).

During the same period, 4,172 notices were issued to drivers of vehicles emitting black smoke (Table 6.33).

CHAPTER 1

FLORA

Table 1.1 - Forest area by category, 1995 - 2004

Category	Hectares									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004 ¹
State - owned	22,519	22,519	22,519	22,519	22,492	22,089	22,089	22,089	22,068	22,066
Plantations	12,557	12,635	12,672	12,609	12,608	12,359	12,362	12,418	12,256	12,288
Nature reserves	4,585	4,585	799	799	799	799	799	799	799	799
<i>on mainland</i>	4,018	4,018	200	200	200	200	200	200	200	200
<i>islets</i>	567	567	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
Unplanted, protective or to be planted	4,725	4,647	1,822	1,885	1,859	1,705	1,702	1,646	1,804	1,770
Pas Geometriques	652	652	652	652	652	652	652	652	635	635
Plantations	209	224	224	224	225	224	230	243	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>	213	198	198	198	197	198	192	179	179	179
Privately - owned lands	34,540	34,540	34,540	34,540	34,540	34,540	34,540	34,540	34,540	25,000
Reserves	6,540	6,540	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
Other ³	28,000	28,000	27,987	27,987	27,987	27,987	27,987	27,987	27,987	18,447
Total	57,059	57,059	57,059	57,059	57,032	56,629	56,629	56,629	56,608	47,066

Source : Forestry Service, Ministry of Agro Industry and Fisheries

¹ Provisional² 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. Estimate worked out in 2004.

Table 1.2 - Changes in forest-land cover, 1995 and 2004

	Area (hectares)		% of total land area	
	1995	2004 ¹	1995	2004 ¹
Forests lands : of which	57,059	47,066	30.6	25.2
Plantations	12,557	12,288	6.7	6.6
Nature reserves	4,585	799	2.5	0.4
National park	-	6,574	-	3.5
Unplanted, protective or to be planted	4,725	1,770	2.5	0.9
Pas Geometriques	652	635	0.3	0.3
Other ²	34,540	25,000	18.5	13.4

¹ Provisional

² Privately owned forest lands including reserves, plantation, scrub and grazing lands.

Table 1.3 - Local production, imports and consumption of timber, poles and fuelwood, 1995 - 2004

	cubic metre (roundwood)									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Local Production	20,207	26,153	27,633	22,392	25,694	18,977	16,945	15,910	14,007	13,973
Timber	5,595	12,276	12,687	8,261	7,049	5,402	4,941	4,346	4,565	5,057
State Lands	3,955	5,791	6,187	7,489	5,549	4,742	4,401	3,796	3,730	4,587
Private Lands ¹	1,640	6,485	6,500	772	1,500	660	540	550	835	470
Poles	4,623	4,652	4,569	4,032	6,511	3,404	2,670	2,642	2,976	3,111
State Lands	2,268	2,492	2,409	2,232	3,147	2,516	1,580	1,612	1,911	2,356
Private Lands ¹	2,355	2,160	2,160	1,800	3,364	888	1,090	1,030	1,065	755
Fuelwood	9,989	9,225	10,377	10,099	12,134	10,171	9,334	8,922	6,466	5,805
State Lands	7,139	7,350	8,502	8,524	10,539	9,256	8,429	7,992	5,189	5,170
Private Lands ¹	2,850	1,875	1,875	1,575	1,595	915	905	930	1,277	635
Imports of timber ²	200,877	59,980	104,523	84,641	67,441	63,407	106,277	85,488	65,558	108,677
Total Consumption ³	221,084	86,133	132,156	107,033	93,135	82,384	123,222	101,398	79,565	122,650

Source : Forestry Service, Ministry of Agro Industry and Fisheries

¹ Estimates² Roundwood equivalent³ Excludes plywood, paper and other wood products.

Table 1.4 - Forest fires and area affected, 1995 - 2004

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Number of incidents	35	32	44	35	34	23	40	37	27	14
Area affected (Ha)	206	202	197	157	133	117	122	116	134	93
of which										
<i>Protected areas</i>	77	26	6	62	12	33	67	44	13	-
<i>Unprotected areas</i>	129	176	191	95	121	84	55	72	121	93

Source : Forestry Service, Ministry of Agriculture, Food Technology and Natural Resources

Fig.1 - Forest fires and area affected, 1995 - 2004

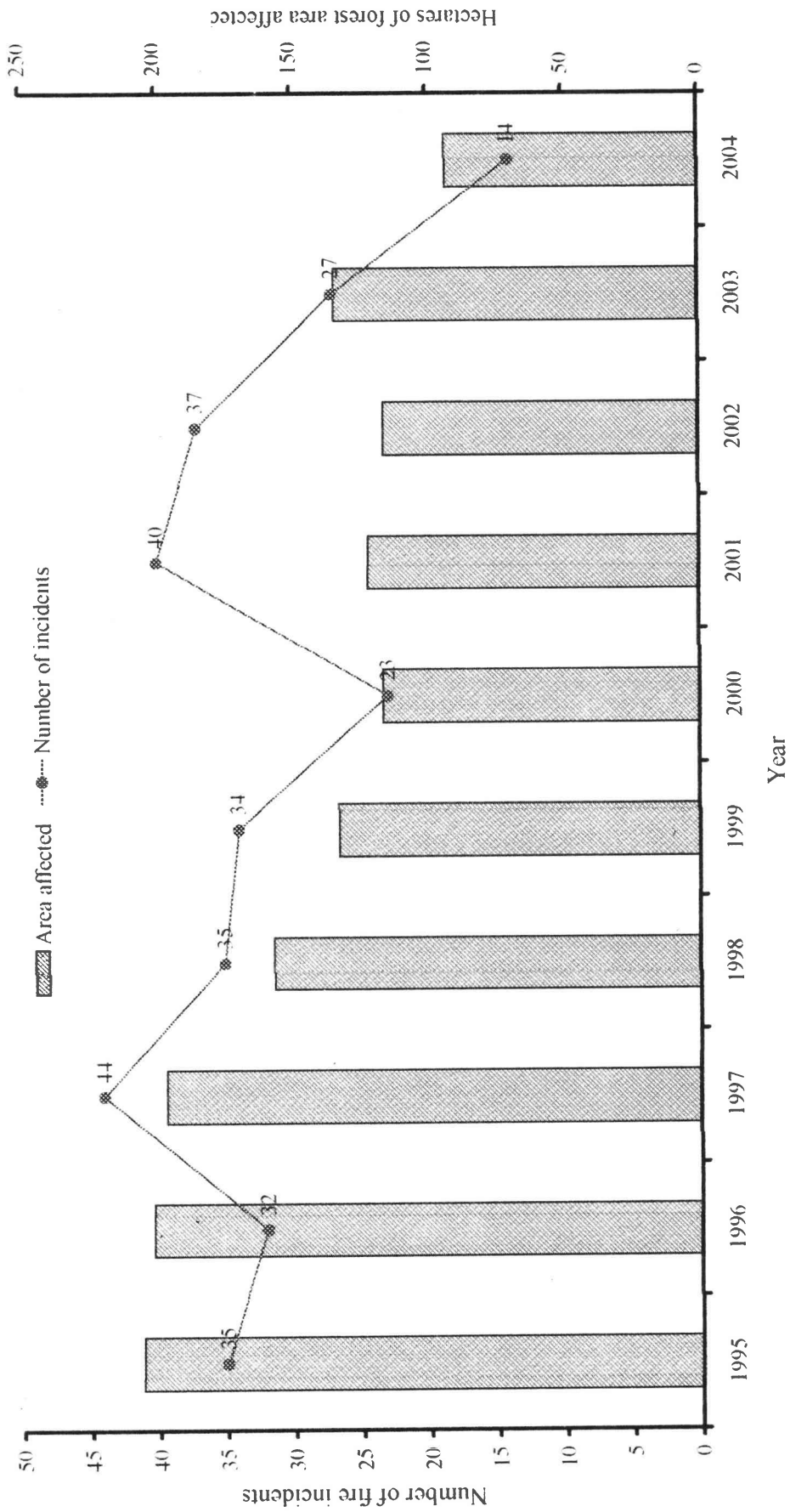


Table 1.5 - Silvicultural operations carried out in state forest land plantation, 1995 - 2004

Type of operation	Hectares									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Clearing for planting	149	344	62	120	182	79	34	84	56	54
Planting	134	210	169	145	155	117	133	151	110	110
Weeding	652	682	685	606	361	649	596	490	402	300
Recruiting	496	446	473	395	251	533	462	394	391	298
Staking	240	559	25	208	337	372	14	629	30	15
Cleaning	661	826	452	542	508	498	718	606	744	586
Pruning	13	29	35	18	24	39	50	33	89	46

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, 2004

Land protected areas	Area
Black River Gorges National Park	6,574
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
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	13,973

Source : Forestry Service. Ministry of Agro Industry and Fisheries

Table 1.7 - Number of offences detected against forest laws¹ by category, 1995 - 2004

Category	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Unauthorised felling/removal	80	55	65	94	113	65	87	51	53	67
Illegal possession of wood	-	1	2	-	-	-	-	2	-	-
Encroachment	10	21	13	5	11	16	9	8	20	16
Illegal deposit of stones/materials	12	4	10	13	13	17	17	9	24	9
Illegal possession of implements	6	2	-	-	4	2	-	2	-	2
Erection of structures and others	4	3	2	5	15	2	8	12	10	5
Total	112	86	92	117	156	102	121	84	107	99

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, 1995 - 2004

- Unauthorised felling/removal
- Illegal deposit of stones/materials
- Illegal possession of wood
- Illegal possession of implements
- Encroachment
- Erection of structures

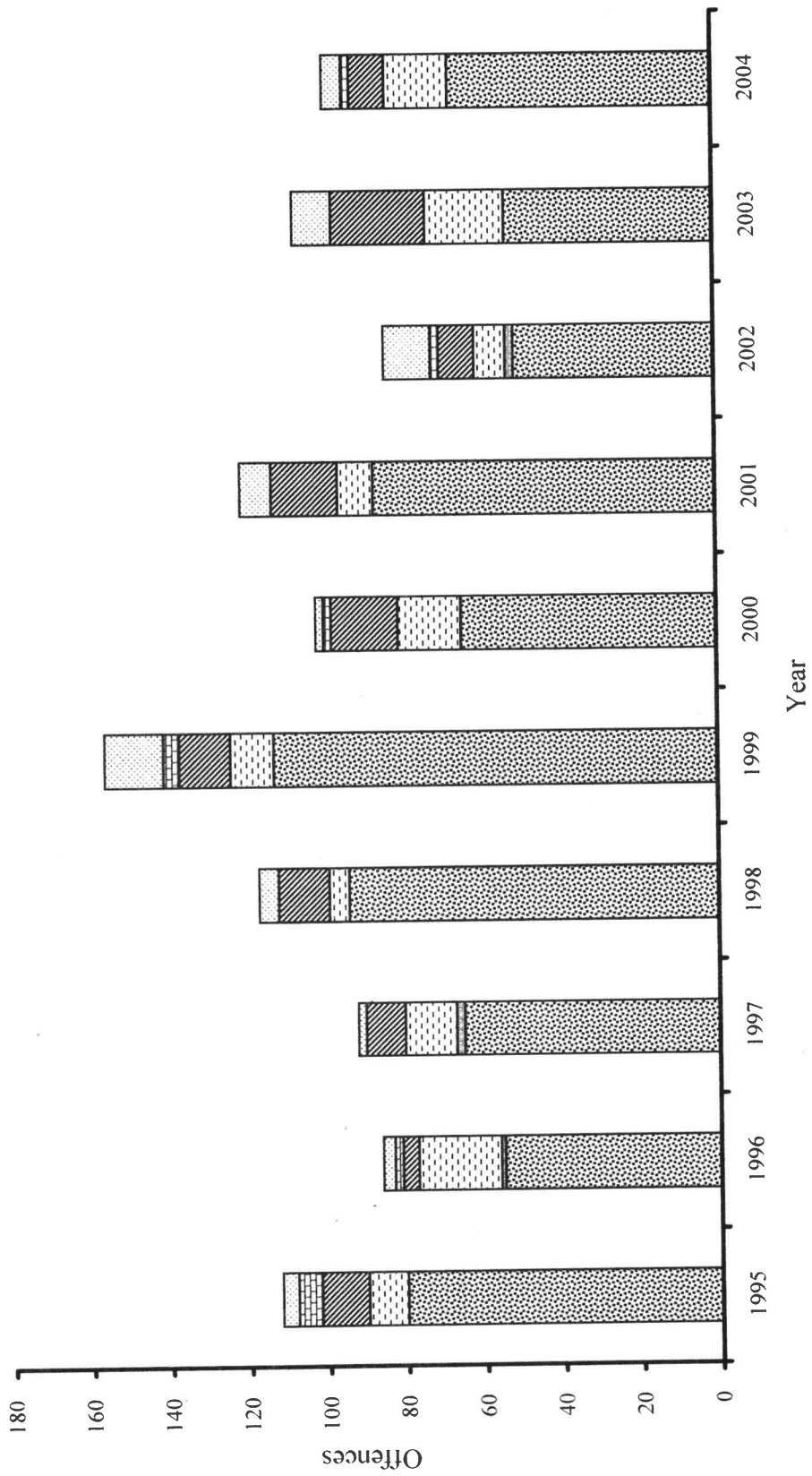


Table 1.8 - Forest plantations¹ by type of plants, 1995 - 2004

Type of plant	Hectares									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Soft wood										
Pine	8,117	8,195	8,232	8,169	8,192	8,078	8,035	8,062	8,113	8,136
Other softwood	1,601	1,601	1,601	1,601	1,601	1,597	1,599	1,609	1,609	1,609
Hardwood										
Eucalyptus and Casuarina	2,039	2,039	2,039	2,039	2,015	1,884	1,906	1,919	1,921	1,922
Other hardwood	800	800	800	800	800	800	822	828	839	847
Total	12,557	12,635	12,672	12,609	12,608	12,359	12,362	12,418	12,482	12,514

Source : Forestry Service, Ministry of Agro Industry and Fisheries

¹ State land

Fig. 3 - Percentage composition of forest plantations, 2004

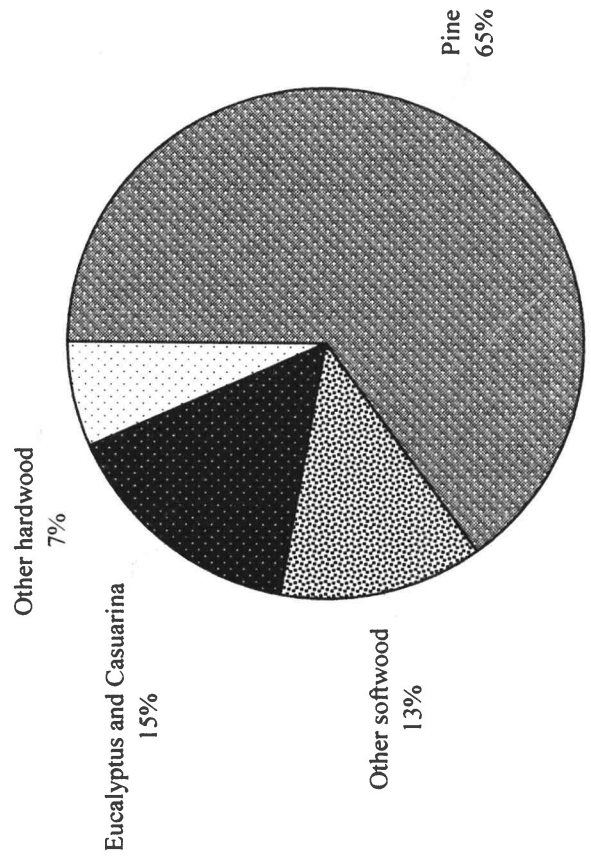


Table 1.9 - Number of seedlings raised, by species, at the nurseries of the Forestry Service, 1995 - 2004

Species	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Pine	393,352	554,298	545,670	404,306	622,154	465,060	393,768	300,119	313,293	133,162
Eucalyptus	127,635	219,999	156,461	180,444	113,500	75,510	57,871	47,018	10,000	11,400
Cryptomeria	21,900	40,000	-	4,471	15,455	3,285	4,100	14,531	6,265	14,722
Casuarina (Filao)	157,732	133,702	104,785	162,900	25,585	36,842	45,519	23,198	32,650	6,449
Araucaria	1,900	9,730	388	34	1,485	52,601	22,347	47,961	19,291	5,089
Juniper	1,150	7,759	-	-	842	-	-	818	-	55
Other ¹	256,471	306,214	129,149	262,650	135,828	299,612	228,313	193,063	231,219	217,390
Total	960,140	1,271,702	936,453	1,014,805	914,849	932,910	751,918	626,708	612,718	388,267

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, 1995 - 2004

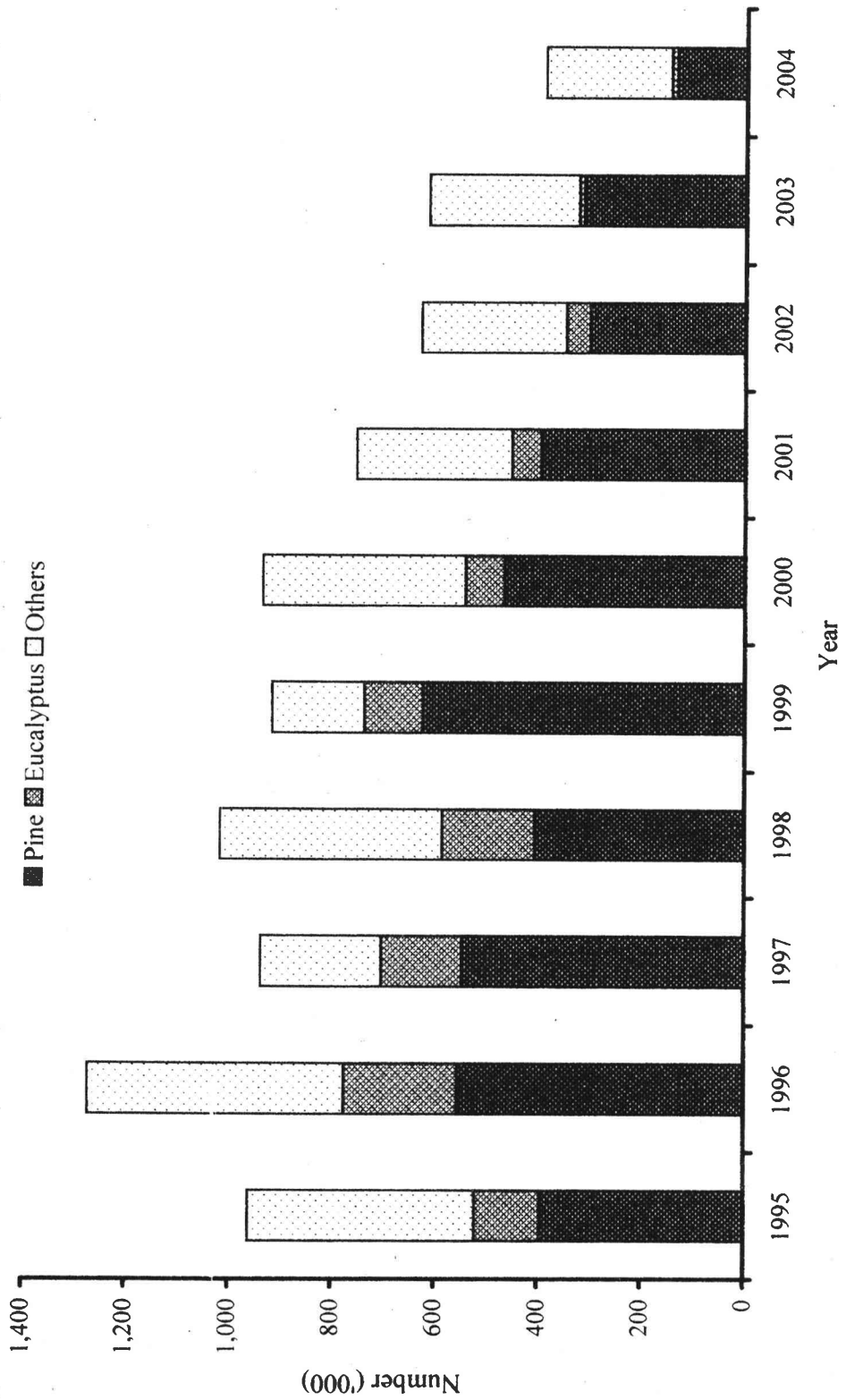


Table 1.10 - Number of plants issued free or sold to the public by the Forestry Service, 1995 - 2004

Year	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Free issue	29,340	18,371	14,154	34,018	15,869	24,754	14,384	16,523	18,181	11,820
Sold	198,102	196,085	79,805	139,912	86,790	126,681	125,823	134,393	138,320	129,768

Source : Forestry Service, Ministry of Agro Industry and Fisheries

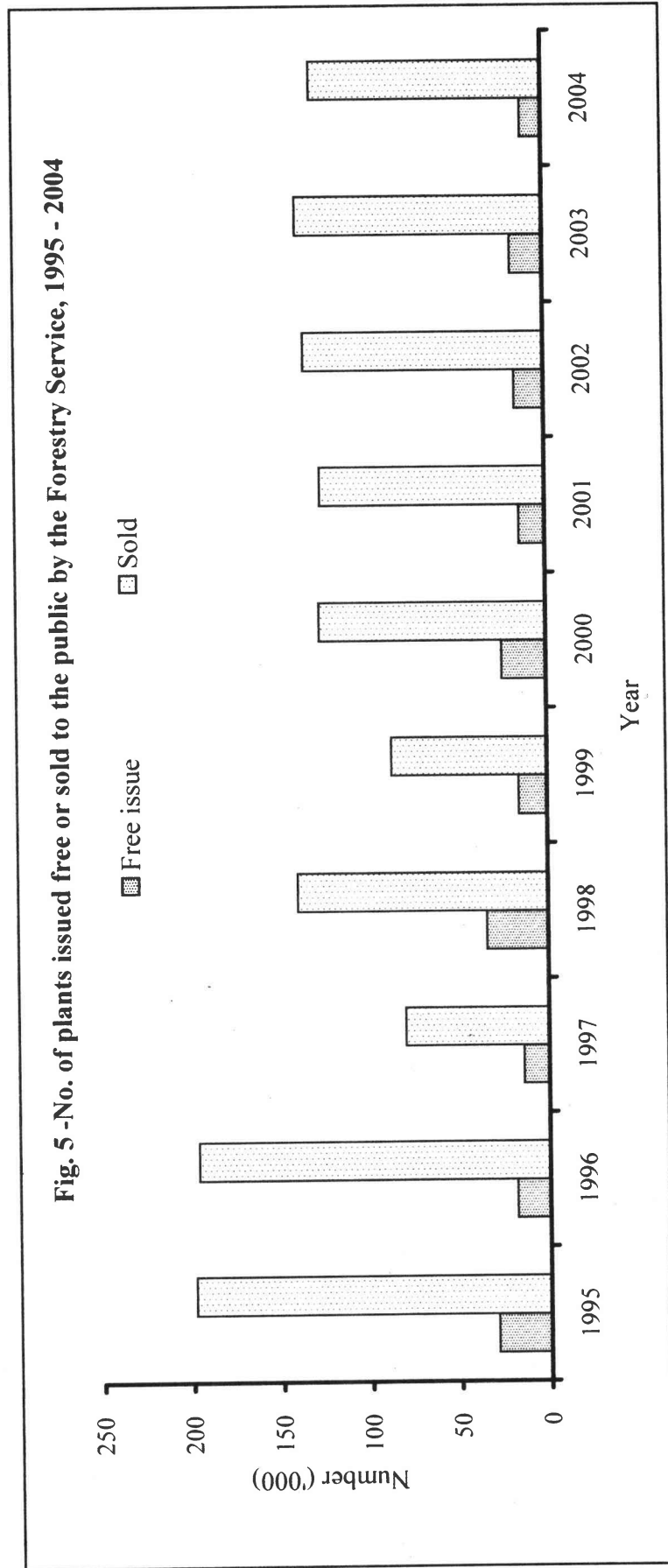


Table 1.11 - Revenue and expenditure¹ of the Forestry Service, 1995 - 2004

Revenue item	Rupees thousand									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Sales of forest produce	4,450	4,267	6,557	8,172	8,506	8,172	6,879	7,159	7,494	8,216
Shooting and fishing rights	1,177	1,055	1,085	1,056	1,061	1,056	1,955	2,153	3,157	3,357
Agro - forestry	1	1	-	9	9	9	-	-	-	-
Miscellaneous (Wood exploitation licence)	216	222	198	246	213	246	210	207	212	213
Total revenue	5,845	5,545	7,840	9,483	9,789	9,483	9,044	9,519	10,863	11,786
Total expenditure	94,648	98,825	107,365	115,201	135,202	115,201	125,460	128,419	137,738	147,595

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' and category², 1995 - 2004

Item	Rupees per cubic metre										
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
Standing timber (basic royalty)											
Class I	1,430	1,430	1,430	1,430	1,640	1,640	1,640	1,810	1,810	1,960	
Class II	880	880	880	880	1,010	1,010	1,010	1,110	1,110	1,200	
Class III											
Category I	690	690	690	690	800	800	800	880	880	950	
Category II	550	550	550	550	650	650	650	715	715	770	
Class IV	250	250	250	250	300	300	300	330	330	360	
Sound logs at roadside (basic royalty+labour)											
Class I	2,090	2,090	2,090	2,090	2,400	2,400	2,400	2,640	2,640	2,850	
Class II	1,540	1,540	1,540	1,540	1,770	1,770	1,770	1,950	1,950	2,110	
Class III											
Category I	1,430	1,430	1,430	1,430	1,640	1,640	1,640	1,810	1,810	1,960	
Category II	1,210	1,210	1,210	1,210	1,390	1,390	1,390	1,530	1,530	1,650	
Class IV	940	940	940	940	1,080	1,080	1,080	1,190	1,190	1,290	
Sound logs at Curepipe timber store (basic royalty+labour+transport)											
Class I	3,080	3,080	3,080	3,080	3,540	3,540	3,540	3,900	3,900	4,210	
Class II	2,530	2,530	2,530	2,530	2,910	2,910	2,910	3,200	3,200	3,460	
Class III											
Category I	2,200	2,200	2,200	2,200	2,530	2,530	2,530	2,780	2,780	3,000	
Category II	1,760	1,760	1,760	1,760	2,020	2,020	2,020	2,220	2,220	2,400	
Class IV	1,540	1,540	1,540	1,540	1,770	1,770	1,770	1,950	1,950	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 (% of households)	59,670 (25.2)	2,587 (1.1)	12,923 (4.3)	538 (0.2)

CHAPTER 2

FAUNA

Table 2.1 - Number of small breeders and livestock population by geographical district as at March 2004

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	294	882	620	3,849	11	77	34	1,154
Riviere du Rempart	254	701	360	3,002	6	123	36	250
Flacq	598	1,138	1,007	6,429	13	126	75	2,533
Plaines Wilhems	169	532	124	870	-	-	15	611
Moka	162	537	55	410	-	-	10	497
Grand Port	214	790	237	1,575	-	-	58	1,216
Savanne	54	183	154	947	-	-	9	425
Black River	171	760	264	2,202	6	299	171	6,418
Port - Louis	46	306	45	406	2	13	72	2,519
Total	1,962	5,829	2,866	19,690	38	638	480	15,623

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

Table 2.2 - Livestock herd and poultry status by geographical district as at March 2004

District	Cattle				No. of farmers	Pig				Total no. of heads		
	No. of farmers	Cows	Calves	Heifers		Bulls	Total no. of heads	No. of farmers	Boars		Sows	Piglets	Fatteners
Pamplemousses	294	328	26	271	257	882	34	27	164	363	600	1,154
Riviere du Rempart	254	302	66	177	156	701	36	14	65	69	102	250
Flacq	598	531	351	197	59	1,138	75	35	279	452	1,767	2,533
Plaines Wilhems	169	252	76	145	59	532	15	12	81	158	360	611
Moka	162	201	85	179	72	537	10	15	77	125	280	497
Grand Port	214	267	93	200	230	790	58	43	165	523	485	1,216
Savanne	54	87	26	58	12	183	9	8	35	150	232	425
Black River	171	177	131	131	321	760	171	182	1,208	2,183	2,845	6,418
Port Louis	46	89	55	52	110	306	72	43	405	670	1,401	2,519
Total	1,962	2,234	909	1,410	1,276	5,829	480	379	2,479	4,693	8,072	15,623

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

Table 2.2 (cont'd) - Livestock herd and poultry status by geographical district as at March 2004

District	Sheep				Goat				Poultry ¹					
	No. of farmers	Bucks	Does	Kids	Total no. of heads	No. of farmers	Bucks	Does	Kids	Total no. of heads	No. of farmers	Broilers	No. of farmers	Layers
Pamplemousses	11	25	33	19	77	620	1,171	1,347	1,331	3,849	37	47,325	31	51,160
Riviere du Rempart	6	32	46	45	123	360	866	1,055	1,081	3,002	22	30,050	66	12,000
Flacq	13	28	56	42	126	1,007	1,913	2,010	2,506	6,429	76	52,820	47	26,391
Plaines Wilhems	0	0	0	0	0	124	210	335	325	870	9	6,250	13	7,750
Moka	0	0	0	0	0	55	92	153	165	410	36	83,700	19	75,775
Grand Port	0	0	0	0	0	237	529	676	370	1,575	14	4,280	26	68,126
Savanne	0	0	0	0	0	154	245	403	299	947	18	136,105	19	93,595
Black River	6	214	33	52	299	264	536	942	724	2,202	23	11,010	5	4,737
Port Louis	2	4	6	3	13	45	87	171	148	406	3	450	5	3,600
Total	38	303	174	161	638	2,866	5,649	7,092	6,949	19,690	238	371,990	231	343,134

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

¹ Exclude industrial farm

Table 2.3 - Production of selected agro-industrial products, Republic of Mauritius, 1995 - 2004

Detail	Unit	1995	1996	1997	1998	1999	2000	2001	2002	2003 ¹	2004 ²
Beef ³	tonnes	2,296	2,321	2,274	2,516	2,575	2,538	2,248	2,428	2,505	2,456
<i>Local (including Rodrigues)</i>	"	592	586	295	340	279	240	375	208	202	137
<i>Imported</i>	"	1,704	1,735	1,979	2,176	2,296	2,298	1,873	2,221	2,303	2,319
Goat meat and mutton ³	"	127	140	128	118	125	102	114	114	107	107
Pork ³	"	1,038	1,112	948	752	678	891	882	756	785	743
Poultry	"	19,325	20,100	20,825	18,300	20,900	25,600	27,200	29,305	30,000	30,000
Milk	'000 Litres	7,500	6,600	6,000	5,500	5,000	4,000	4,000	4,000	4,000	4,000

¹ Revised² Provisional³ abattoir slaughters only

Table 2.4 - Export of monkeys (*Macaca fascicularis*), feral and captive bred, 1995 - 2004

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Number of animals	5,410	6,084	5,998	7,578	6,381	7,870	7,050	5,731	7,740	7,621
Value in US \$ ¹	284,400	324,950	304,200	380,800	280,700	363,200	352,500	286,550	387,000	381,050
Number of export permits issued	875	1,143	1,528	1,315	1,419	1,047	1,147	1,316	1,936	1,616

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

Table 2.5 - Fish production by type of fishery (in fresh - weight equivalent), 1995 - 2004

Type of fishery	Type	Tonnes												
		1995	1996	1997	1998	1999	2000	2001	2002	2003	2004			
Artisanal fishery														
Island of Mauritius	Fresh	1,443	1,616	1,246	1,229	1,225	1,360	1,075	1,302	1,166	1,043			
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	59	33	12	13	10	5	6	7	6	4			
Ponds (prawn and fish)	Fresh	111	132	105	93	71	82	52	39	27	433			
Offshore demersal fishery														
Shallow water banks	Frozen	6,474	5,033	4,831	3,731	4,297	4,303	3,366	3,943	3,713	3,216			
Banks deep water snappers	Fresh	-	-	85	226	-	55	329	5	-	-			
St Brandon inshore	Frozen & salted	299	435	562	594	557	497	557	491	578	205			
Semi - industrial chilled fish	Chilled	-	59	95	102	172	185	188	204	234	284			
Tuna fishery	Frozen	6,693	2,815	4,435	2,848	3,304	417	-	219	1,118	1,640			
Sword fish fishery	Chilled	-	-	-	-	-	21	87	45	111	61			
Demersal trawlers	Frozen	-	-	-	-	-	-	2,184	2,113	1,806	1,595			
Total		16,029	11,073	12,321	9,786	10,586	7,875	8,794	9,318	9,709	9,431			

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, 1995 - 2004

Tonnes

Gear-type	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Basket trap	379.6	385.4	384.7	394.4	282.0	404.9	357.5	450.8	492.6	425.3
Line	333.7	345.8	300.7	264.2	339.1	503.2	368.4	429.3	373.4	285.8
Basket trap and Line	271.3	391.0	237.3	212.3	156.0	83.3	59.1	91.8	17.5	54.9
Large net	308.3	306.9	163.3	217.1	294.7	230.7	172.9	183.4	160.6	168.1
Gill net	38.4	28.8	16.6	16.8	16.0	12.8	11.4	25.3	13.6	11.3
Cast net/Harpoon/on foot	111.7	158.6	143.5	123.9	137.1	125.1	105.9	121.1	108.1	97.4
Total	1,442.9	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

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

Table 2.7 - Number of active fishermen by gear - type, 1995 - 2004

Gear-type	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Basket trap	565	572	413	242	256	286	519	501	473	445
Line/Harpoon	785	742	844	451	523	642	678	734	749	896
Basket trap and Line	714	927	633	561	609	559	610	600	670	736
Large net	499	478	426	270	270	226	180	165	177	159
Gill net	96	83	77	23	27	28	27	28	17	20
Cast net	52	61	55	38	31	-	-	-	-	-
Total	2,711	2,863	2,448	1,585	1,716	1,741	2,014	2,028	2,086	2,256

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, 1995 - 2004

Year	Fisherman-days			Catch (tonnes)
	Lagoon	Off lagoon	Total	
1995	217,278	85,690	302,968	1,443
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

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

¹ Coastal (artisanal) fishery

Table 2.9 - Catch per fisherman-day, 1995 - 2004

Year	Kilogram		
	Lagoon	Off - lagoon	Mean
1995	4.1	6.4	4.8
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

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

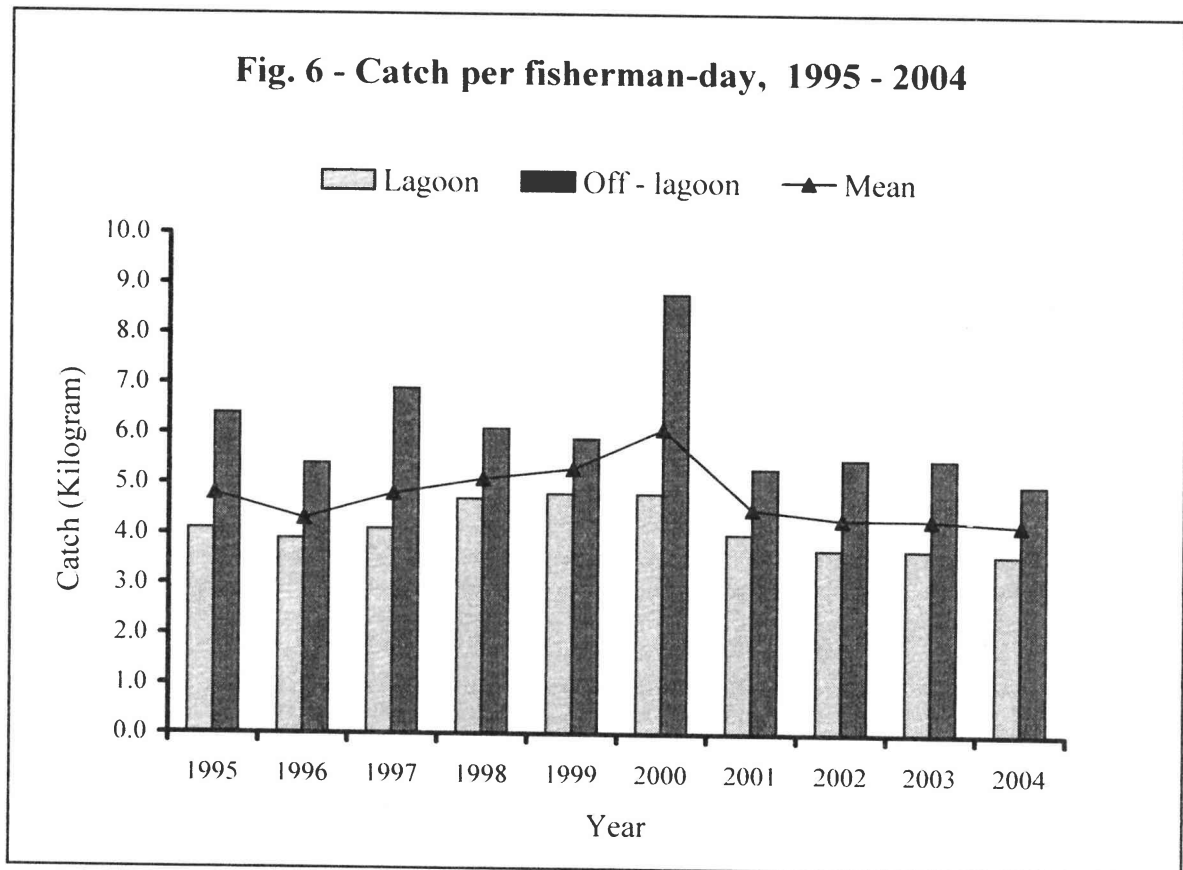


Table 2.10 - Average price of fresh fish and other sea food, 1995 - 2004

Species	Rupees per kilogram									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Homard	400	405	395	365	370	415	475	475	480	495
Crab and crevette	290	275	275	270	270	260	270	295	285	275
Vieille rouge	160	160	160	175	180	185	180	185	180	190
Vacoas, sacreehien	120	120	125	140	135	140	145	150	150	160
Capitaine	110	110	120	120	125	135	140	145	140	155
Dame berri	95	100	110	110	110	120	130	135	130	140
Octopus	70	75	80	85	90	90	100	100	100	105
Carangue	75	75	80	85	85	95	100	110	100	115
Cordonier	65	70	75	80	80	80	85	85	90	100
Rouget, tuna	65	70	75	80	75	80	80	80	85	90
Mulet voile	60	60	65	65	65	70	75	75	80	85
Bordemar	65	65	70	75	75	80	80	80	85	100
Licorne	55	60	70	75	75	80	85	95	95	100
Catcaux	55	55	65	60	60	65	65	70	75	75
Other fish	45	45	50	45	45	45	45	45	40	55
Shark	30	35	35	25	25	25	35	35	55	45

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

Table 2.11 - Annual catch by banks, 1995 - 2004

Year	Tonnes ¹					Total catch
	Saya de Malha	Nazareth	St. Brandon	Chagos	Albatros	
1995	2.682	1.609	470	218	312	5.291
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

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, 1995 - 2004

Year	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Imports										
Quantity (tonnes)	29,271	28,422	30,911	34,331	30,339	42,146	52,050	87,335	63,515	81,315
Value (Rupees million)	634.9	689.5	866.9	1,113.2	793.1	1,057.9	1,754.3	3,984.7	2,540.4	3,186.6
Exports										
Quantity (tonnes)	13,570	13,919	15,827	13,022	15,206	18,151	27,381	49,558	50,329	54,241
Value (Rupees million)	657.5	758.9	926.9	972.6	971.2	961.5	1,840.8	4,078.6	3,167.3	3,358.1
Trade Balance (Rupees million)	22.6	69.4	60.0	-140.6	178.1	-96.4	86.5	93.9	624.9	171.5

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 , 1995 - 2004

Type/category	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Tuna long liners and squid vessels	458	413	376	481	456	452	476	448	392	419
Purse seiners (local)	15	12	11	9	3	2	-	-	2	2
Reefers	...	...	27	24	37	46	50	39	42	33
Trawlers	...	...	9	10	18	55	52	22	20	20
Hand liners	...	...	48	58	75	63	56	108	179	217
Long liners (Ice cod fish sp.) (Patagonian tooth fish vessel)	...	...	...	88	47	80	62	44	51	24
Others, unspecified vessels	...	...	71	...	...	...	...	2	2	3
Total	473	425	542	670	636	698	696	663	688	718

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

Table 2.14 - Per capita consumption of fish, 1995 - 2004

Kilogram/year

Year	Quantity
1995	18.7
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	19.8

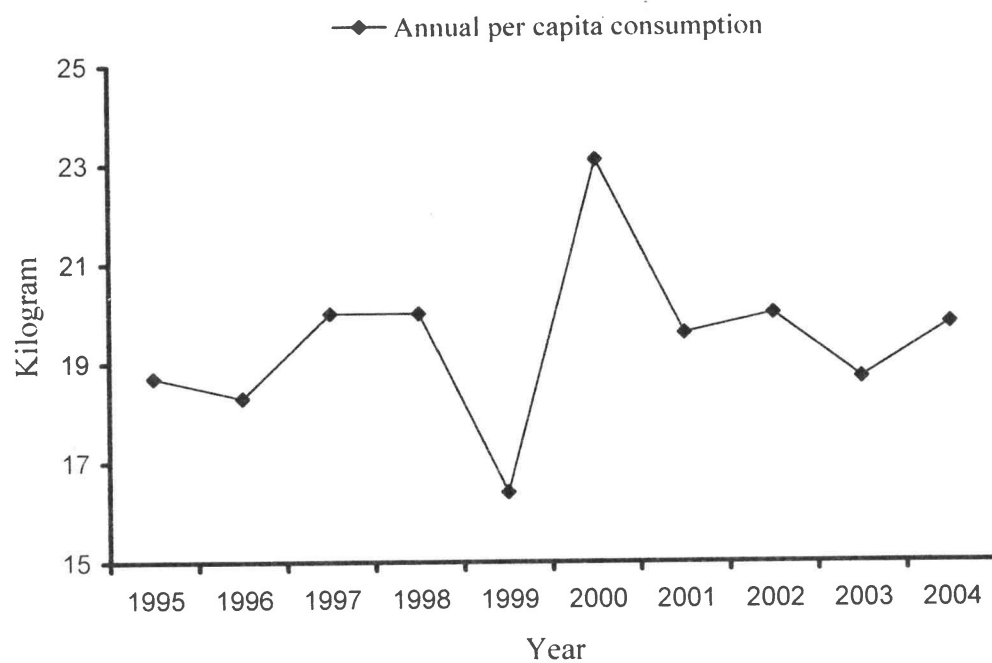
Fig. 7 - Per capita consumption of fish, 1995 - 2004

Table 2.15 - Cases of poisoning¹ by noxious fish and shellfish, venomous animals and plants, 1995 - 2004

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total										
General hospital discharges due to accidental poisoning by noxious fish and shellfish	103	99	68	22	69	53	67	26	79	50
General hospital discharges due to venomous animals and plants as the cause of poisoning and toxic reactions	94	117	105	201	186	170	189	93	159	222
Male										
General hospital discharges due to accidental poisoning by noxious fish and shellfish	49	41	28	13	32	26	33	12	40	19
General hospital discharges due to venomous animals and plants as the cause of poisoning and toxic reactions	70	90	78	149	155	118	144	71	109	176
Female										
General hospital discharges due to accidental poisoning by noxious fish and shellfish	54	58	40	9	37	27	34	14	39	31
General hospital discharges due to venomous animals and plants as the cause of poisoning and toxic reactions	24	27	27	52	31	52	45	22	50	46

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, 2003 - 2004

Site		Year	Coral	Algae	Abiotic ¹	Other ²
Baie du Tombeau	Back reef	2003	55	9	35	1
		2004	58	7	35	n.o
Le Goulet	Fore reef	2003	62	6	32	n.o
		2004	74	2	21	3
Ile aux Benitiers	Fore reef	2003	35	3	58	4
		2004	23	1	72	4
	Back reef	2003	49	26	23	2
		2004	22	13	65	n.o
	Shore reef	2003	24	4	72	n.o
		2004	18	8	74	n.o
Bel Ombre	Back reef	2003	44	35	20	1
		2004	51	28	30	1
	Shore reef	2003	64	5	31	n.o
		2004	52	8	40	n.o
Bambous Virieux	Back reef	2003	61	9	30	n.o
		2004	56	10	34	n.o
	Shore reef	2003	33	35	32	n.o
		2004	35	40	25	n.o
Trou d'eau Douce	Back reef	2003	45	23	31	1
		2004	34	27	36	n.o
	Shore reef	2003	70	0	30	n.o
		2004	60	2	38	n.o
Anse La Raie	Back reef	2003	67	24	9	n.o
		2004	59	27	14	n.o
	Shore reef	2003	77	16	7	n.o
		2004	71	13	6	n.o
	Fore reef	2003	36	5	58	1
		2004	33	5	60	2
Trou Aux Biches	Back reef	2003	37	7	56	n.o
		2004	37	7	56	n.o
	Fore reef	2003	15	n.o	85	n.o
		2004	15	1	84	n.o
Pointe Aux Sables	Back reef	2003	32	1	65	2
		2004	39	6	53	2
	Fore reef	2003	30	n.o	67	3
		2004	30	4	64	2
Albion	Back reef	2003	54	6	40	n.o
		2004	22	36	42	n.o
Poudre D'Or Site I	Back reef	2003	58	18	24	n.o
		2004	57	30	13	n.o
Poudre D'Or Site II	Back reef	2003	56	1	41	2
		2004	30	12	58	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, 2004

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, 1995 - 2004

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
1995	29.4	0.1	30.5	1.1	29.0	-0.1	28.6	0.5	25.8	-0.8	25.4	0.4	24.7	0.6	24.1	0.1	25.2	0.2	26.2	0.0	27.7	-0.1	28.6	-0.2
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

Degrees celsius

Table 3.2 - Monthly mean minimum temperature, 1995 - 2004

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
1995	22.3	0.5	22.7	0.6	22.0	0.1	21.5	0.7	19.1	0.3	16.8	-0.5	17.3	0.6	16.9	0.5	17.3	0.5	17.9	0.0	18.3	-1.1	21.3	0.3
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	16.8	0.1	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

Table 3.3 - Monthly mean values of humidity (%) with extremes

Region	Station	Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
North	Pamplemousses	1986 - 2000	Mean	81	83	82	82	82	81	79	77	76	76	79		
			Highest Maximum	99	100	99	99	100	99	100	100	100	100	100	100	99
			Lowest Minimum	38	41	43	39	32	30	37	37	40	38	32	28	32
South	Plaisance	1971 - 2000	Mean	81	83	83	83	81	77	78	77	78	78	78	80	
			Highest Maximum	100	100	100	100	100	100	100	100	100	100	99	100	100
			Lowest Minimum	48	51	53	50	51	48	46	46	43	39	46	44	48
East	FUEL	1981 - 2000	Mean	84	87	84	85	83	82	82	82	82	82	81	84	
			Highest Maximum	96	96	96	97	96	96	96	96	97	97	96	96	96
			Lowest Minimum	55	56	60	54	53	50	51	51	51	49	50	48	55
West	Medine	1981 - 2000	Mean	79	82	81	80	79	77	76	75	75	76	77	79	
			Highest Maximum	100	100	99	98	100	100	100	100	100	100	100	100	100
			Lowest Minimum	34	36	36	33	26	23	25	25	20	25	25	30	33
Centre	Vacoas	1971 - 2000	Mean	83	84	85	84	84	83	82	80	80	79	78	81	
			Highest Maximum	98	98	99	99	99	98	98	98	98	98	98	98	99
			Lowest Minimum	47	50	50	44	43	45	41	41	43	30	40	43	42
			Mean	83	85	84	85	83	82	82	82	82	80	80	81	
			Highest Maximum	100	99	99	99	99	99	100	98	99	99	100	100	
			Lowest Minimum	47	46	49	54	47	42	45	42	43	45	45	41	

Source : Meteorological Services

Table 3.4 - Monthly total hours of sunshine by region and station, 1995 - 2004

Region : North, Station : Pamplémoûses													
Month Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YEARLY TOTAL
1995	226	241	175	248	215	209	243	218	228	263	259	194	2,718
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
Mean 1961-1990	259	221	231	223	235	219	235	237	221	251	257	243	2,830
Region : East, Station : Fuel													
1995	173	206	175	164	172	192	196	161	180	226	245	148	2,238
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
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, 1995 - 2004

		Region : West, Station : Medine												YEARLY TOTAL
Month	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
	1995	192	210	209	235	211	227	246	210	196	260	263	184	2,642
	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
	Mean 1981-2000	233	206	228	214	236	218	230	228	216	237	234	236	2,715
		Region : Centre, Station : Vacoas												
	1995	189	226	175	216	192	219	238	205	203	253	239	144	2,499
	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	1778	4,091
	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, 1995 - 2004

		Region : South , Station : Plaisance												YEARLY TOTAL
Month Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1995	207	217	195	214	188	198	175	167	202	244	257	194	2,457	
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	
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 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

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 25^o 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, 2000 - 2004

Greenhouse gas	Gg or thousand tonne				
	2000	2001	2002	2003	2004 ¹
Emissions					
Carbon Dioxide	2456.8	2,597.7	2,647.9	2,783.5	2,795.7
Methane	8.9	10.1	11.7	12.0	12.3
Oxide of Nitrogen	13.8	14.2	14.5	15.1	15.2
Nitrous Oxide	1.4	1.4	1.5	1.5	1.5
Carbon Monoxide	66.3	65.9	62.9	65.7	66.9
NMVOC ²	17.2	17.1	18.5	17.5	16.5
Sulphur Dioxide	28.9	31.5	30.6	32.1	32.7
Removals					
Carbon Dioxide	229.2	234.5	239.5	237.9	223.7
Net emissions					
Carbon Dioxide	2227.6	2,363.2	2,408.4	2,545.6	2,572.0

¹ Provisional

² Non - methane volatile organic compound

Table 3.7 - Sectoral carbon dioxide emissions from fuel combustion activities, 2001 - 2004

	Gg or thousand tonne							
	2001		2002		2003		2004 ¹	
	Quantity	%	Quantity	%	Quantity	%	Quantity	%
Energy industries (electricity)	1,302.0	50.0	1,325.9	50.1	1,418.3	51.0	1,430.5	51.2
Manufacturing industries	383.6	15.0	385.5	14.6	386.4	13.9	362.3	13.0
Transport	734.6	28.0	760.0	28.7	793.2	28.5	807.1	28.9
Residential	141.7	6.0	141.8	5.4	145.9	5.2	154.2	5.5
Other ²	33.1	1.0	32.2	1.2	37.3	1.3	39.7	1.4
Total	2,595.0	100.0	2,645.4	100.0	2,781.1	100.0	2,793.8	100.0

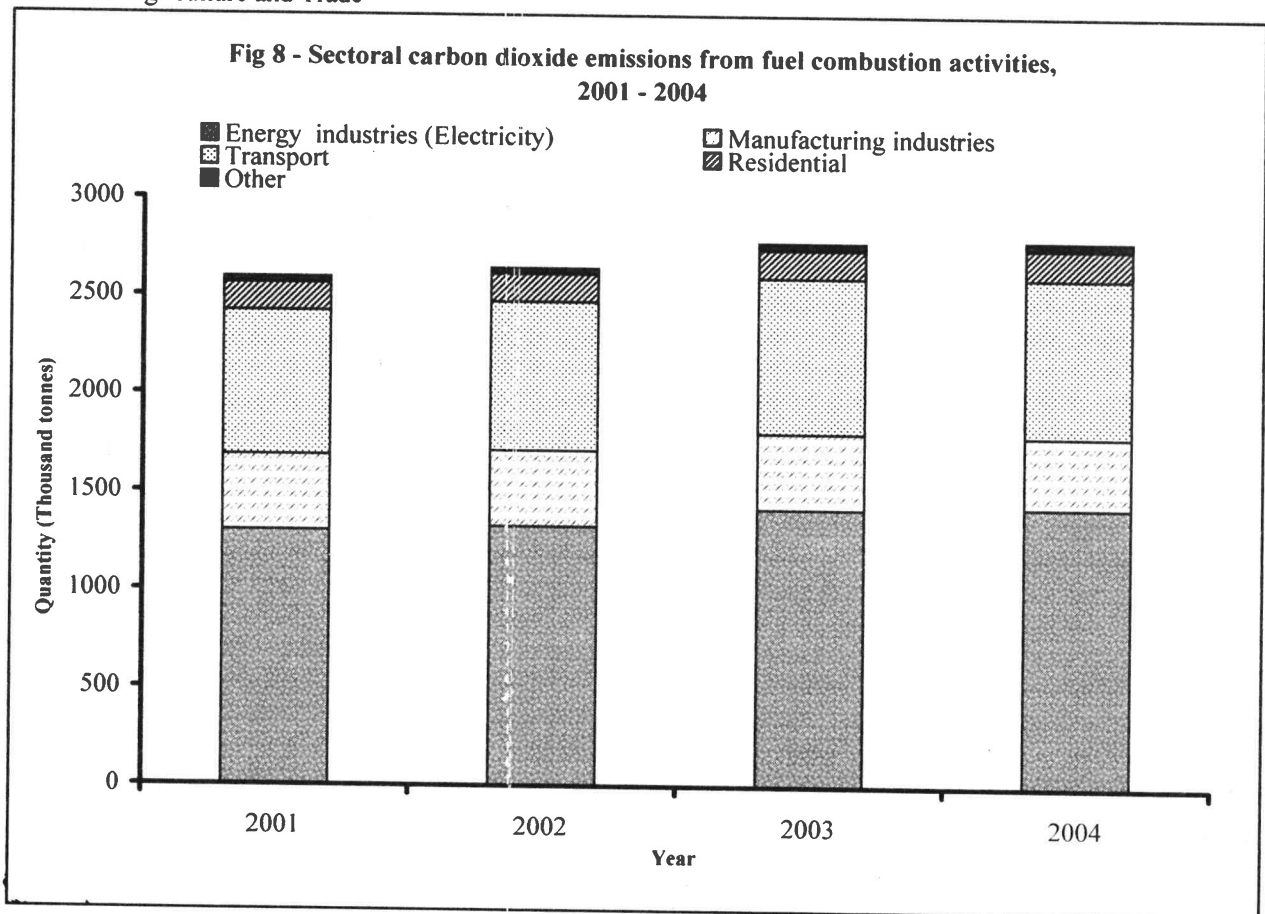
¹ Provisional² includes Agriculture and Trade

Table 3.8 - National inventory of greenhouse gases by source categories, 2003 - 2004¹

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		2003	2004	2003	2004	2003	2004	2003	2004	2003	2004		
	2003	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003	2004		
1. Energy	2,781.1	2,793.8	-	-	0.7	0.7	0.1	0.1	14.7	14.8	65.7	66.9	8.4	8.5	32.1	32.7
Fuel combustion activities																
(a) Energy industries (electricity)	1,418.3	1,430.5	-	-	0.3	0.3	0.1	0.1	5.0	5.1	8.6	9.1	0.5	0.5	22.8	23.7
(b) Manufacturing industries	386.4	362.3	-	-	0.2	0.2	0.0	0.0	1.5	1.4	16.6	16.8	0.3	0.3	7.2	6.9
(c) Transport	793.2	807.1	-	-	0.1	0.1	-	-	8.0	8.1	39.0	39.5	7.4	7.5	2.0	2.0
(d) Other sectors	183.2	193.9	-	-	0.1	0.1	-	-	0.2	0.2	1.5	1.5	0.2	0.2	0.1	0.1
2. Industrial processes	2.4	1.9	-	-	-	-	0.3	0.3	0.4	0.4	-	-	9.1	8.0	-	-
3. Solvent and other product use	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Agriculture	-	-	-	-	1.0	1.0	1.1	1.1	-	-	-	-	-	-	-	-
5. Land use change and forestry	-	-	237.9	223.7	-	-	-	-	-	-	-	-	-	-	-	-
6. Waste	-	-	-	-	10.3	10.6	-	-	-	-	-	-	-	-	-	-
Total	2,783.5	2,795.7	237.9	223.7	12.0	12.3	1.5	1.5	15.1	15.2	65.7	66.9	17.5	16.5	32.1	32.7

¹ Provisional² Non - methane volatile organic compound

Table 3.9 - Consumption of controlled ozone-depleting substances by sector, 1995 - 2004

Sector	Metric tonnes									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Aerosol	2.00	14.24	16.00	16.19	8.90	8.00	2.00	-	-	-
Foam	0.45	0.40	0.16	-	0.06	...	...	-	-	-
Fire fighting	-	-	-	-	-	-	-	-	-	-
Refrigeration and air conditioning	86.28	41.12	61.58	83.33	99.98	72.22	113.20	136.30	226.80	171.85
Solvent	2.17	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	90.90	59.97	78.42	101.34	110.73	83.37	115.91	136.32	226.83	171.87

Source : Ministry of Environment and National Development Unit.

Fig. 9 - Consumption of controlled ozone-depleting substances by sector, 1995 - 2004

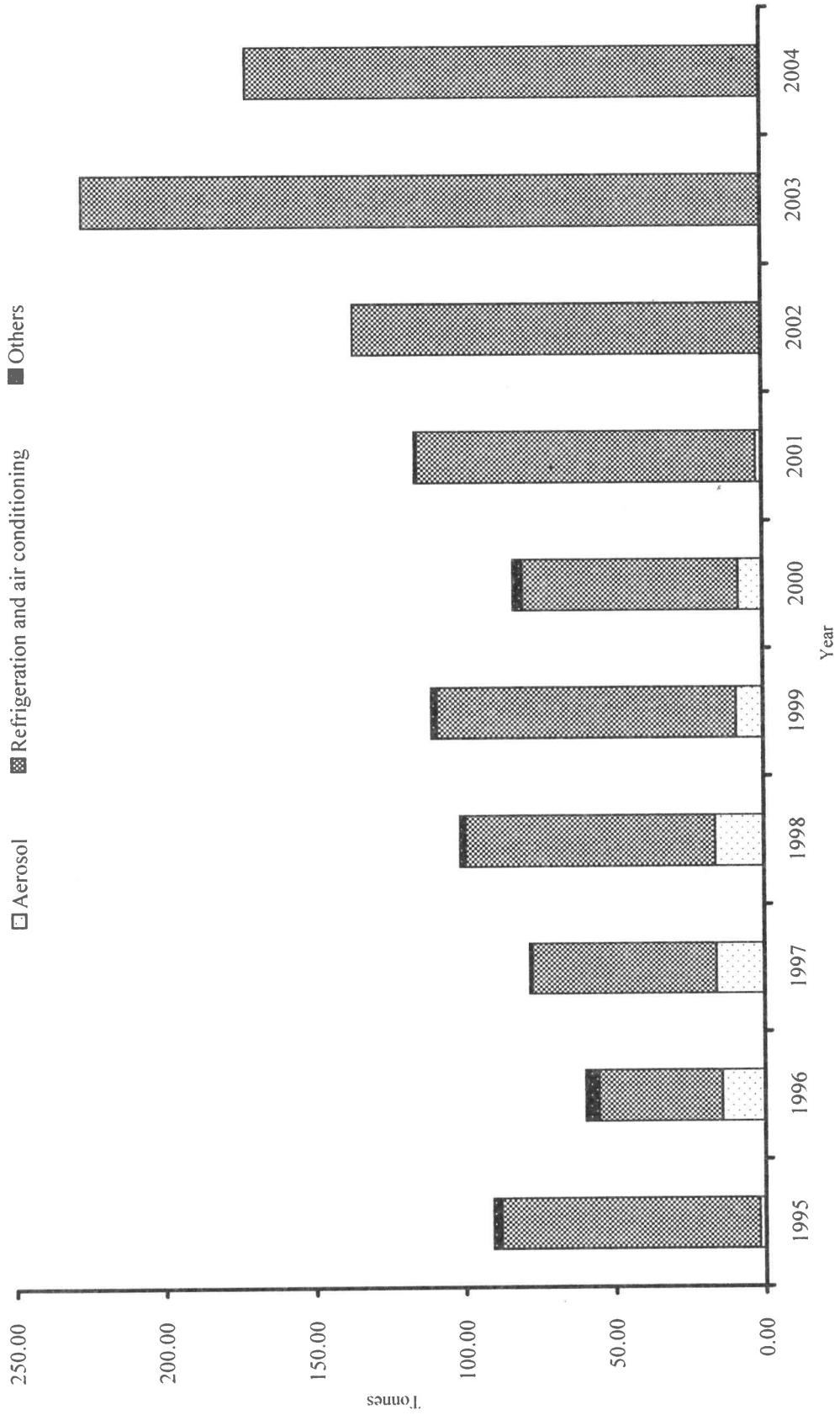


Table 3.10 - Consumption of controlled ozone-depleting substances by type of substances, 1995 - 2004

Type of substances	Metric Tonnes									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Chlorofluorocarbon (CFC's)	24.75	36.26	27.12	39.69	19.47	19.26	14.71	7.40	4.07	3.40
Halons	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	0.08	0.04	0.01	0.02	0.01	0.01	0.01	0.02	0.03	0.02
Methyl chloroform	0.89	4.14	0.03	1.10	1.01	1.10	-	-	-	-
Hydrochlorofluorocarbon (HCFC's)	65.18	19.50	50.66	59.83	89.54	63.00	100.49	128.90	222.73	168.45
Methyl bromide	-	0.03	0.60	0.70	0.70	-	0.70	-	-	-
Total	90.90	59.97	78.42	101.34	110.73	83.37	115.91	136.32	226.83	171.87

Source : Ministry of Environment and National Development Unit.

Fig. 10 - Consumption of controlled ozone-depleting substances by type of substances, 1995 - 2004

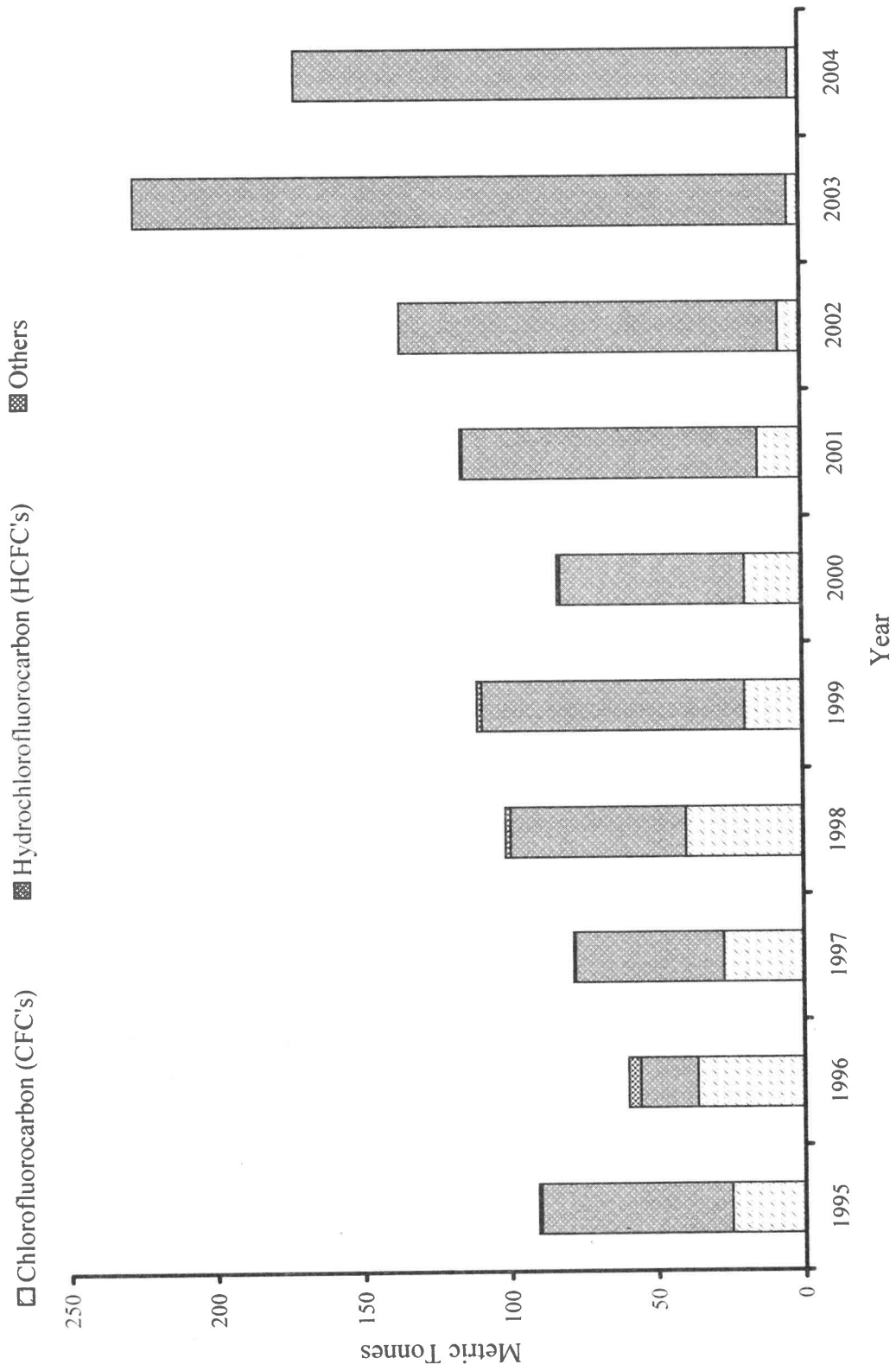


Table 3.11 - Health services (as at 31st December) Republic of Mauritius, 1995 - 2004

	Number									
	1995	1996	1997	1998	1999	2000	2001	2002	2003 ¹	2004 ²
Hospitals										
Regional hospitals	4	4	4	5	5	5	5	5	5	5
District hospitals	5	5	5	4	4	4	4	3	3	3
Specialised hospitals (Psychiatric, chest, eye and ENT) ³	4	4	4	4	4	4	4	4	4	4
Cardiac Centre	-	-	-	1	1	1	1	1	1	1
Mediclinics	-	-	-	2	2	2	2	2	2	2
Area health centres ⁴	29	29	29	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 ¹	117	118	119	120	121	121	121	122	122	122
Family health service centres ⁵	9	9	9	9	9	9	6	5	5	5
Dispensaries										
Private dispensaries on sugar estates	26	26	26	26	24	23	20	19	18	18
Mobile dispensaries	4	3	2	2	1	1	1	1	1	1
Clinics										
Dental (including oral surgery and orthodontics)	36	36	37	38	41	40	41	43	44	44
Social hygiene	1	1	1	1	1	1	1	1	1	1
Private	11	12	12	12	13	13	14	12	12	11
Public mobile	1	1	1	-	-	-	-	-	-	-
Public mobile dental	2	2	2	2	1	1	1	1	1	1
Health offices	14	14	14	14	14	14	14	14	14	14

¹ Revised

² Provisional

³ The ENT centre is administratively attached to Victoria Hospital

⁴ Including Dr. Y. Cantin and Mahebourg Community Hospitals

⁵ Centres providing maternal and child health and family planning services only

Table 3.12 - Respiratory diseases registered in government hospitals, 1995 - 2004

Detail	Number									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Both sexes										
General hospital discharges ¹ (including deaths)	9,961	9,793	9,749	10,637	12,473	12,021	9,788	10,442	10,218	9,992
First attendances ¹ at regional health centres	241,047	241,974	278,699	316,559	364,556	406,752	382,557	397,457	396,485	367,672
Discharges (including deaths) at P D'Or chest hospital	278	211	340	394	448	488	412	530	489	495
New cases diagnosed at specialist clinics in chest diseases	570	867	1,097	1,167	1,393	1,667	1,753	1,330	842	981
Male										
General hospital discharges ¹ (including deaths)	5,075	5,136	5,066	5,614	6,408	6,255	5,088	5,337	5,335	4,984
First attendances ¹ at regional health centres	111,222	113,784	131,228	151,076	175,504	197,363	184,994	193,393	190,477	178,608
Discharges (including deaths) at P D'Or chest hospital	198	143	244	259	319	352	289	391	350	354
New cases diagnosed at specialist clinics in chest diseases	342	514	673	715	841	955	962	766	447	522
Female										
General hospital discharges ¹ (including deaths)	4,886	4,657	4,683	5,023	6,065	5,766	4,700	5,105	4,883	5,008
First attendances ¹ at regional health centres	129,825	128,190	147,471	165,483	189,052	209,389	197,563	204,064	206,008	189,064
Discharges (including deaths) at P D'Or chest hospital	80	68	96	135	129	136	123	139	139	141
New cases diagnosed at specialist clinics in chest diseases	228	353	424	452	552	712	791	564	395	459

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, 1996 - 2004

Year	In-Patients		
	Male	Female	Total
1996	1.814	1.876	3.690
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

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

Table 3.14 - Deaths registered due to asthma, 1996 - 2004

Year	Deaths		
	Male	Female	Total
1996	68	54	122
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

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, 2003 - 2004

Age group (years)	Number of cases					
	Male		Female		Total	
	2003	2004	2003	2004	2003	2004
Less than one year	16	15	13	13	29	28
1 - 4	143	131	101	101	244	232
5 - 9	107	98	83	91	190	189
10 - 14	95	65	52	55	147	120
15 - 19	34	51	37	33	71	84
20 - 24	46	36	41	45	87	81
25 - 29	35	27	54	53	89	80
30 - 34	38	43	60	56	98	99
35 - 39	61	49	69	75	130	124
40 - 44	76	68	88	88	164	156
45 - 49	80	93	121	106	201	199
50 - 54	109	109	161	169	270	278
55 - 59	95	93	127	132	222	225
60 - 64	72	71	116	125	188	196
65 - 69	142	104	134	146	276	250
70 - 74	149	123	179	144	328	267
75 - 79	134	163	154	123	288	286
80 - 84	62	80	72	67	134	147
85 and over	44	34	73	67	117	101
Total	1538	1,453	1,735	1,689	3,273	3,142

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

Table 3.16 - Deaths registered due to asthma by age group and sex, 2003 - 2004

Age group (years)	Number of cases					
	Male		Female		Total	
	2003	2004	2003	2004	2003	2004
Less than one year	1	0	1	0	2	0
1 - 4	2	0	2	1	4	1
5 - 9	1	0	2	0	3	0
10 - 14	0	0	2	0	2	0
15 - 19	0	2	0	1	0	3
20 - 24	0	1	0	3	0	4
25 - 29	0	0	3	1	3	1
30 - 34	0	0	3	2	3	2
35 - 39	4	5	4	2	8	7
40 - 44	2	1	2	2	4	3
45 - 49	1	1	5	2	6	3
50 - 54	5	4	6	2	11	6
55 - 59	4	5	3	3	7	8
60 - 64	8	7	4	3	12	10
65 - 69	11	6	8	6	19	12
70 - 74	21	9	8	7	29	16
75 - 79	14	10	13	10	27	20
80 - 84	10	12	10	6	20	18
85 and over	13	12	23	13	36	25
Total	97	75	99	64	196	139

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, 1995 - 2004

Millimetres

MONTH	YEAR												
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004			
January	Mean	306.2	243.6	264.1	144.4	53.9	393.5	278.6	573.1	118.4	416.2		
	<i>Difference from Normal</i>	+ 29.0	- 33.6	- 13.6	- 132.9	- 223.3	+ 115.3	+ 0.3	+ 295.0	- 159.7	+ 162.4		
February	Mean	242.8	160.6	157.4	592.2	168.7	313.4	205.1	99.0	331.3	305.1		
	<i>Difference from Normal</i>	- 53.8	- 136.8	- 139.4	+ 295.4	- 128.1	+ 15.7	- 92.7	- 198.7	+ 33.5	- 19.5		
March	Mean	429.3	119.6	78.3	162.8	125.5	166.2	155.8	224.0	207.3	211.7		
	<i>Difference from Normal</i>	+ 201.8	- 123.2	- 163.8	- 79.4	- 116.5	- 76.9	- 87.3	- 19.1	- 36.0	- 15.3		
April	Mean	121.6	187.9	284.1	115.0	79.0	186.1	329.9	135.4	444.8	282.6		
	<i>Difference from Normal</i>	+ 105.5	- 39.4	+ 57.3	- 111.7	- 147.7	- 41.7	102.0	- 92.5	+ 216.8	- 61.6		
May	Mean	343.9	64.8	188.4	162.6	70.0	95.8	95.3	141.1	191.0	161.1		
	<i>Difference from Normal</i>	+ 191.1	- 85.6	+ 38.3	+ 10.3	- 80.2	- 56.5	- 55.9	- 10.1	+ 39.8	+ 7.3		
June	Mean	76.6	83.1	107.5	62.7	83.5	105.1	79.1	127.6	117.4	111.2		
	<i>Difference from Normal</i>	- 40.6	- 34.1	- 9.7	- 54.4	- 33.7	- 12.7	- 38.7	+ 9.9	- 1.4	- 3.2		
July	Mean	114.9	111.7	119.5	141.0	152.5	117.1	93.3	139.9	175.2	85.6		
	<i>Difference from Normal</i>	- 17.7	- 7.2	+ 0.2	+ 20.7	+ 33.2	- 3.1	- 26.9	+ 19.7	- 55.0	- 24.2		
August	Mean	126.6	57.3	62.7	85.7	96.5	149.2	74.1	111.9	92.4	39.8		
	<i>Difference from Normal</i>	+ 18.2	- 50.9	- 45.7	- 22.7	- 9.6	+ 40.2	- 35.1	+ 2.8	- 16.7	- 69.0		
September	Mean	86.5	26.9	83.7	78.9	82.9	43.7	71.9	37.1	130.4	118.2		
	<i>Difference from Normal</i>	+ 11.6	- 47.9	+ 8.9	+ 4.1	+ 8.1	- 31.6	- 3.4	- 38.2	+ 55.0	+ 47.1		
October	Mean	24.4	75.5	65.8	62.5	40.7	71.3	83.8	60.4	29.7	29.5		
	<i>Difference from Normal</i>	- 44.0	- 2.9	- 6.9	- 10.2	- 32.0	- 1.9	10.7	- 12.8	- 43.5	- 42.9		
November	Mean	51.3	25.8	57.4	31.3	29.1	81.5	33.2	34.4	81.1	124.8		
	<i>Difference from Normal</i>	- 42.8	- 67.9	- 36.3	- 62.4	- 59.8	- 12.9	- 61.1	- 60.0	+ 1.8	+ 45.5		
December	Mean	510.2	409.0	220.8	37.7	120.1	75.2	153.3	222.4	54.0	168.8		
	<i>Difference from Normal</i>	+ 295.5	+ 194.3	+ 6.2	- 179.4	- 95.5	- 140.4	- 62.3	+ 6.8	- 139.1	- 24.3		
Total Year	Mean	2,434.3	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		
	<i>Difference from Normal</i>	+ 653.8	- 429.4	- 304.5	- 322.6	- 885.1	- 206.5	- 350.4	- 97.2	+ 5.5	+ 5.5		

Fig 11 - Rainfall difference from normal, 2004

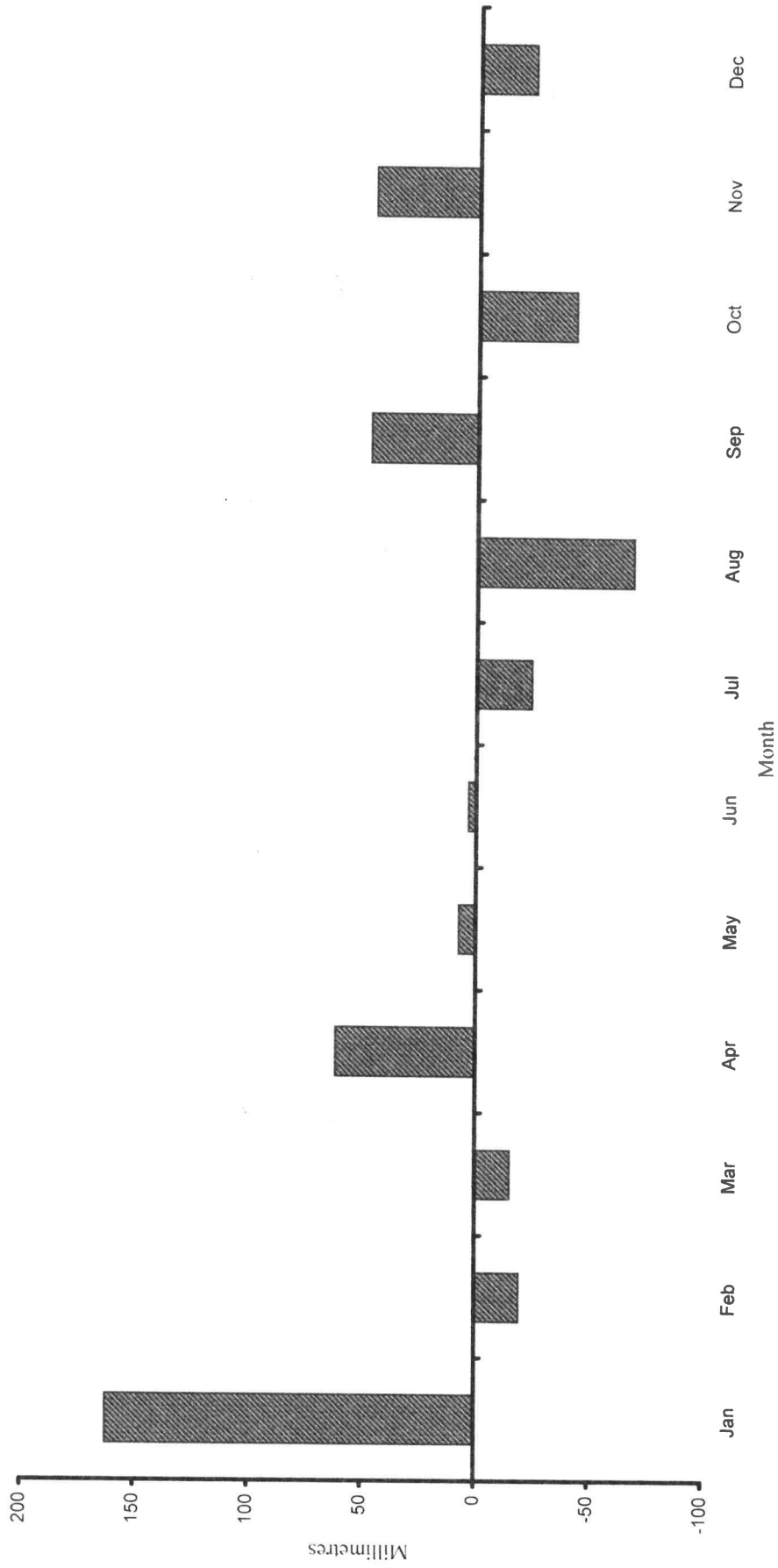


Table 4.2 - Yearly rainfall by region, 1995 - 2004

REGION	YEAR									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
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
	<i>Difference from Normal</i>	-400.8	-366.3	-330.7	-808.6	-366.7	-390.6	-370.2	-178.8	+45.8
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
	<i>Difference from Normal</i>	-599.2	-213.1	-231.8	-1030.3	-318.8	-250.4	-60.4	-56.3	-31.2
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
	<i>Difference from Normal</i>	-386.4	-291.7	-366.3	-87.3	-20.6	-423.9	-113.8	+259.5	+379.5
West	Mean	623.6	669.2	628.6	404.7	908.4	799.3	1,357.7	978.3	949.3
	<i>Difference from Normal</i>	-264.8	-219.1	-259.9	-484.1	+202.2	-89.5	+468.9	+119.5	+120.7
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
	<i>Difference from Normal</i>	-233.9	-512.7	-507.8	-966.6	-115.9	-576.2	+6.7	-61.4	+238.5
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
	<i>Difference from Normal</i>	-429.4	-304.5	-322.6	-885.1	-206.5	-350.4	+97.5	+5.8	+131.9

Source : Meteorological Services

Table 4.3 - Water balance , 1998 - 2004

	Unit	1998	1999	2000	2001	2002	2003	2004
Rainfall	Mm ³	3,473	2,184	3,749	3,527	3,905	4,006	4,233
Surface runoff	Mm ³	2,084	1,311	2,249	2,116	2,343	2,403	2,540
Evapotranspiration	Mm ³	1,042	655	1,125	1,058	1,171	1,202	1,270
Net recharge to groundwater	Mm ³	347	218	375	353	391	401	423

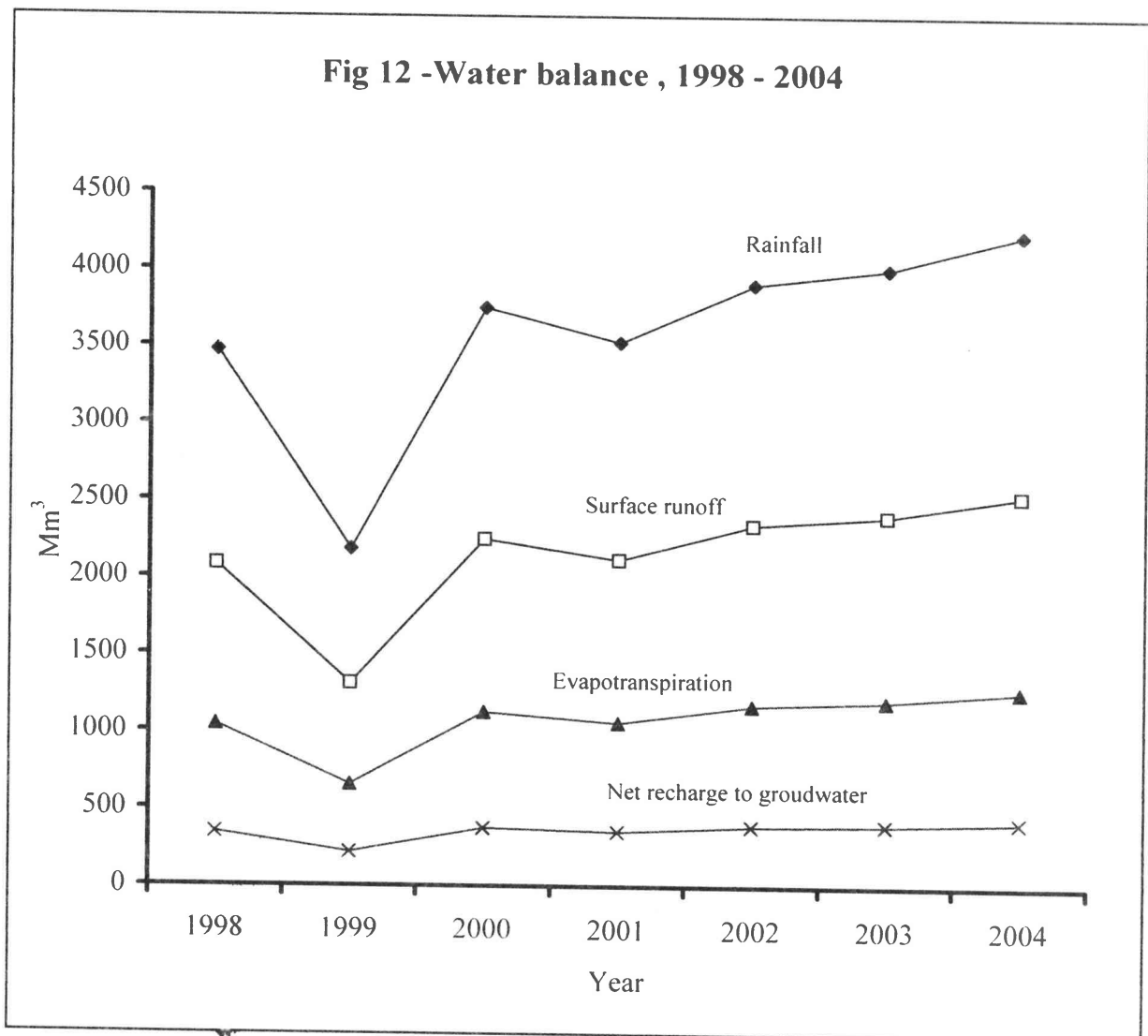


Table 4.4 - Water utilisation, 2004.

Million cubic metres

Use	Surface water		Ground water	Total
	River-run offtakes	Storage		
Domestic, Industrial and Tourism	38	72	114	224
Industrial (private boreholes)	-	-	11	11
Agricultural (irrigation)	370	95	25	490
Hydropower	129	160	-	289
Total	537	327	150	1,014

Source: Water Resources Unit, Ministry of Public Utilities

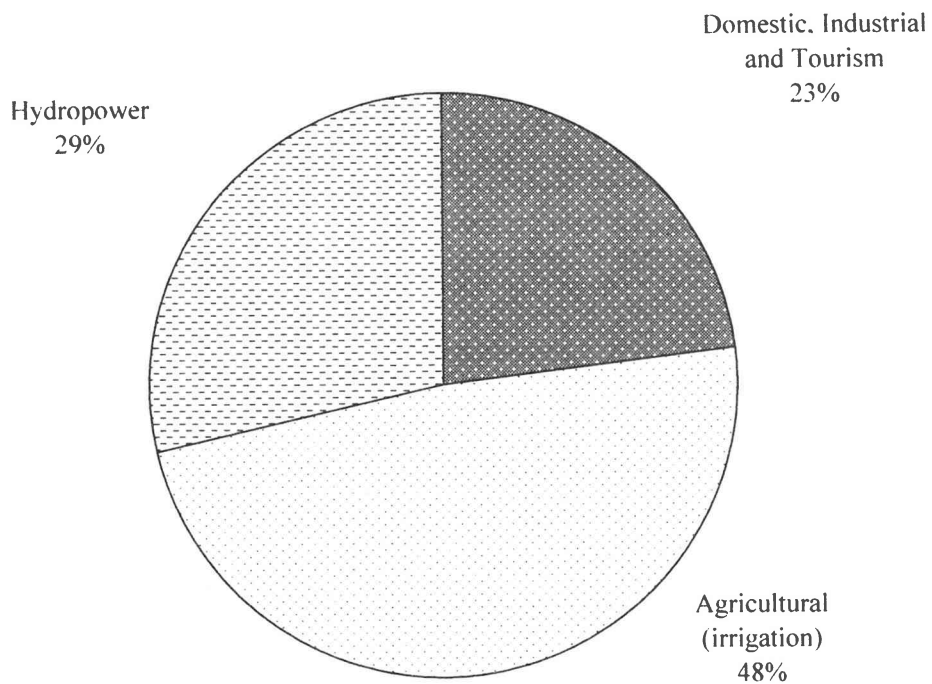
Fig. 13 - Water utilisation, 2004

Table 4.5 - Fresh water abstractions¹ by source, 1995 - 2004²

Source	Million cubic metres									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Surface water	525	515	506	508	405	536	515	524	552	512
<i>Reservoirs</i>	129	125	115	119	61	147	125	128	169	167
<i>Rivers and streams</i>	396	390	391	389	344	389	390	396	383	345
Ground water	125	115	114	131	111	145	145	148	148	150
Total	650	630	620	639	516	681	660	672	700	662

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	Mare aux Vacoas	Nicoliere	Piton du Milieu	Mare Longue	La Ferme	Tamarind Falls	Eau Bleue	Diamamove	Midlands Dam
Characteristics									
Purpose	Domestic Irrigation and Industrial	Domestic, Irrigation and Industrial	Domestic	Hydro - power and irrigation	Irrigation	Hydro - power and irrigation	Hydro - power	Hydro - power	Domestic, Irrigation and Industrial
Total capacity (Mm ³)	25.89	5.26	2.99	6.28	11.52	2.30	4.10	4.30	25.50
Full reservoir level (m (a.m.s.l)) ¹	565.00	249.00	438.00	580.00	146.00	495.00	357.00	241.00	395.00
Maximum water spread area (km ²)	5.60	1.02	0.76	1.05	2.28	1.68	0.75	0.43	2.98

Source: Water Resources Unit, Ministry of Public Utilities

¹ a.m.s.l : above mean sea level

Table 4.7 - Gross storage capacity of reservoirs

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

Source: Water Resources Unit, Ministry of Public Utilities

¹ Based on hydrographic survey of 1997

Table 4.8 - Percentage water level by month and reservoir - 2004

Month	Mare aux Vacoas			La Nicoliere			Piton du Milieu			La Ferme			Mare Longue			Midlands Dam			All reservoirs (excl Midlands Dam)		
	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
Jan	74	65	79	82	54	100	77	46	100	63	45	86	24	4	36	80	66	96	66	51	78
Feb	84	79	90	100	100	100	100	99	100	99	88	100	47	37	57	100	96	100	86	79	90
Mar	96	92	98	100	100	100	100	99	100	100	100	100	72	58	84	100	99	100	95	91	97
Apr	98	96	99	100	100	100	100	99	100	100	100	100	95	84	99	100	99	100	98	97	99
May	98	97	99	100	100	100	99	98	100	100	100	100	99	98	100	100	100	100	99	98	99
Jun	96	95	97	100	98	100	94	91	98	95	91	100	96	93	98	100	99	100	96	94	98
Jul	96	94	98	100	99	100	97	92	99	93	88	96	89	79	95	100	99	100	95	91	97
Aug	90	85	94	84	62	99	83	73	91	84	79	88	70	60	79	99	99	99	85	78	91
Sep	80	76	85	71	56	96	67	65	73	69	61	79	50	43	60	94	89	99	72	70	77
Oct	70	64	76	74	63	95	63	58	66	53	43	61	33	26	42	89	85	91	62	55	70
Nov	62	59	64	79	65	92	57	55	59	35	29	42	21	17	25	81	79	84	52	50	54
Dec	58	55	60	71	61	81	63	57	73	24	22	28	7	0	17	86	81	90	46	43	50

Table 4.9 - Average monthly potable water production from treatment plants and boreholes to distribution systems, 2004

Month	Mare Aux Vacoas (Upper)		Mare Aux Vacoas (Lower)		Port -Louis		District water supply - North		District water supply - South		District water supply - East		Total production										
	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Surface	Borehole	Total	Borehole (%)	Surface (%)				
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total				
Jan	2.9	0.5	3.4	-	2.3	2.3	1.7	1.2	2.9	1.6	1.8	3.4	0.7	1.3	2.0	0.7	1.2	1.9	7.6	8.2	15.8	48	52
Feb	2.7	0.5	3.2	-	2.4	2.4	1.5	1.1	2.6	1.5	1.7	3.2	0.7	1.2	1.9	0.8	1.2	2.0	7.1	7.9	15.0	47	53
Mar	2.9	0.5	3.4	-	2.5	2.5	1.7	0.9	2.6	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.3	2.1	7.7	8.2	15.9	48	52
Apr	2.8	0.5	3.3	-	2.4	2.4	0.9	1.1	2.0	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.2	2.0	6.7	8.2	14.9	45	55
May	2.9	0.5	3.4	-	2.5	2.5	0.9	1.1	2.0	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.3	2.1	6.8	8.3	15.1	45	55
Jun	2.8	0.5	3.3	-	2.4	2.4	1.7	1.0	2.7	1.6	1.7	3.3	0.7	1.2	1.9	0.8	1.2	2.0	7.5	8.0	15.5	48	52
Jul	2.9	0.5	3.4	-	2.4	2.4	1.8	0.8	2.6	1.6	1.8	3.4	0.7	1.3	2.0	0.8	1.2	2.0	7.8	8.1	15.9	49	51
Aug	2.9	0.5	3.4	-	2.3	2.3	1.8	0.9	2.7	1.6	1.8	3.4	0.7	1.2	1.9	0.8	1.2	2.0	7.8	8.0	15.8	49	51
Sep	3.0	0.5	3.5	-	2.2	2.2	1.9	0.7	2.6	1.6	1.8	3.4	0.8	1.4	2.2	0.7	1.2	1.9	7.8	7.8	15.6	50	50
Oct	2.9	0.5	0.5	-	2.1	2.1	1.8	0.9	2.7	1.6	1.9	3.5	1.0	1.4	2.4	0.7	1.2	1.9	7.8	8.0	15.8	49	51
Nov	2.7	0.5	3.2	-	2.1	2.1	1.6	0.7	2.3	1.6	1.8	3.4	0.8	1.3	2.1	0.6	1.3	1.9	7.3	7.6	14.9	49	51
Dec	2.8	0.5	3.3	-	2.2	2.2	1.6	0.9	2.5	1.6	1.7	3.3	0.6	1.3	1.9	0.7	1.2	1.9	7.3	7.7	15.0	49	51
Total year	34.0	6.0	40.0	0.0	27.8	27.8	18.9	11.3	30.2	19.1	21.1	40.2	8.8	15.2	24.0	9.0	14.7	23.7	89.2	96.0	185.2	48	52

Mm³

Table 4.10 - Water sales by type of tariff of subscribers , 2000 - 2004

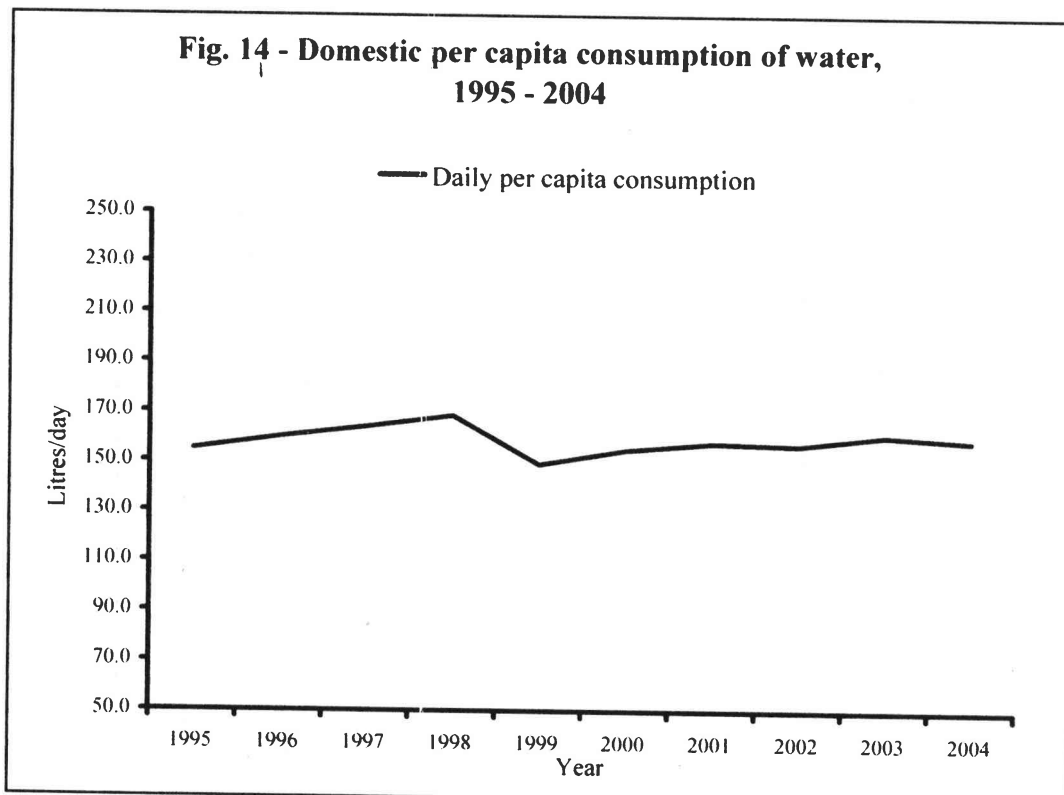
Type of tariff	2000		2001		2002		2003		2004	
	No. of subscribers	Volume (Mm ³)	No. of subscribers	Volume (Mm ³)	No. of subscribers	Volume (Mm ³)	No. of subscribers	Volume (Mm ³)	No. of subscribers	Volume (Mm ³)
Domestic	231,425	65,254	237,524	67,054	243,689	67,618	250,752	70,253	258,381	70,562
Commercial	9,176	4,833	9,237	5,034	9,233	5,186	9,455	5,573	9,638	5,653
Government	3,368	3,457	3,474	3,789	3,538	4,026	3,614	4,228	3,585	4,285
Agriculture and Livestock Producers	1,743	887	1,831	946	2,009	1,023	2,174	1,103	2,377	1,131
Industrial	782	4,603	781	4,679	766	4,727	762	4,988	746	4,775
Hotels, Guest houses	182	3,324	187	3,624	191	3,492	192	3,644	188	3,694
Acquired/concessionary prizes	51	70	47	20	48	21	48	23	47	20
Total Potable water	246,727	82,428	253,081	85,146	259,474	86,093	266,997	89,812	274,962	90,120
Total non - treated water	228	13,438	228	16,664	231	14,693	253	13,993	254	12,265
TOTAL	246,955	95,866	253,309	101,810	259,705	100,786	267,250	103,805	275,216	102,385

Table 4.11 - Domestic per capita consumption of water ¹, 1995 - 2004

		Litres / day
Year	Daily per capita consumption	
1995	154.8	
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	

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, 1995 - 2004

Power station	Million cubic metres									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Champagne	116	83	67	70	23	69	56	71	108	117
Ferney	131	104	106	111	39	102	80	81	119	117
Tamarind Falls	39	34	29	40	9	34	25	31	34	37
Le Val	23	14	14	15	1	16	4	9	15	17
Reduit	37	28	23	18	1	17	11	19	30	30
Cascade Cecile	20	16	20	22	8	19	16	19	21	14
Magenta	28	25	19	27	6	23	14	17	17	13
La Ferne	7	8	6	7	-	5	1	4	-	-
Total	401	312	284	310	87	285	207	251	344	345

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, 2004.

Milligram per litre

Region	Chemical water quality parameter		
	Nitrate-Nitrogen (NO ₃ ⁻ - N)	Phosphate (PO ₄ ³⁻)	Chemical Oxygen Demand (COD)
Ile aux Benitier	-	0.01 - 0.02	0.1 - 0.8
Bel Ombre	-	0 - 0.05	0.1 - 0.8
Bambous Virieux	-	0 - 0.04	0.1 - 1.6
Trou D'Eau Douce	-	0 - 0.06	0.1 - 0.2
Anse la Raie	-	0 - 0.05	0.1 - 0.5
Trou aux Biches	-	0 - 0.04	0.1 - 0.8
Pointe aux Sables	0 - 0.1	0 - 0.05	0.1 - 0.8
Tombeau Bay	-	0 - 0.16	0 - 1.6
Port Louis Harbour	-	0 - 0.08	0.1 - 0.9

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

Table 4.16 - Volume of wastewater treated by public treatment stations, 1996 - 2004

Million cubic metres

Station	1996	1997	1998	1999	2000	2001	2002	2003	2004
Fort Victoria	5.00	5.10	5.10	5.20	5.20	5.30	5.30	8.10	5.06
Baie du Tombeau	4.60	4.70	4.70	4.75	4.80	4.85	4.85	8.26	8.27
Pailles TP ¹	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.11	0.12
B. Marchand ¹	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.26	0.27
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	1.31	1.32	1.33	1.33	1.34	1.34	1.34	1.34	1.34
St. Martin	8.10	8.12	8.14	8.16	8.18	8.20	8.20	10.89	13.10
Kennedy ²	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	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	0.08	0.07	0.07
Flacq ¹	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.18
Dubreuil ³	0.10	0.10	0.13	0.13	0.13	0.13	0.13	1.22	0.68

Source : Wastewater Management Authority

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

Table 4.17 - Water quality in coastal area - (Terre Rouge Rivulet Bird Sanctuary), 1998 - 2004

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

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 - Number of cases of certain notifiable waterborne diseases reported to sanitary authorities, 1995 - 2004

Year	Disease	Amoebiasis	Food Poisoning	Infective Hepatitis	Leptospirosis	Malaria		Schistosomiasis	Typhoid Fever
						Indigenous	Imported		
1995		2	57	38	4	-	45	-	2
1996		5	13	24	9	19	63	5	5
1997		-	35	10	4	1	63	2	1
1998		-	28	16	7	-	52	-	6
1999		1	73	24	1	-	73	-	2
2000		1	62	12	3	-	62	-	10
2001		8	23	41	3	-	62	-	1
2002		-	33	11	1	-	38	-	1
2003		-	60	20	3	-	40	-	2
2004		-	160	19	3	-	45	-	1

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

Table 4.19 - Enteritis and other diarrhoeal diseases, 1995 - 2004

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
1995	881	1,585	606	2,353	5,425	13	2	8	19	42
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

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

Table 4.20 - Sea transport¹, 1995- 2004

Period	Vessels entering		Vessels leaving		Goods	
	Number	Net registered tonnage (000t)	Number	Net registered tonnage (000t)	Unloaded (000t)	Loaded ² (000t)
1995	1,206	5,356	1,227	5,313	2,463	799
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

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

Table 4.21 - Contraventions established by the National Coast Guard, 2004

Month	Illegal fishing activities	Beach offences	Illegal pleasure craft activities	Miscellaneous	Total
January	7	3	84	30	124
February	6	-	29	35	70
March	16	3	51	10	80
April	2	6	53	19	80
May	5	9	29	8	51
June	2	4	47	2	55
July	-	13	47	-	60
August	1	22	54	7	84
September	1	18	36	6	61
October	3	20	39	5	67
November	1	20	34	5	60
December	-	19	28	22	69
Total	44	137	531	149	861

Source: Police Department

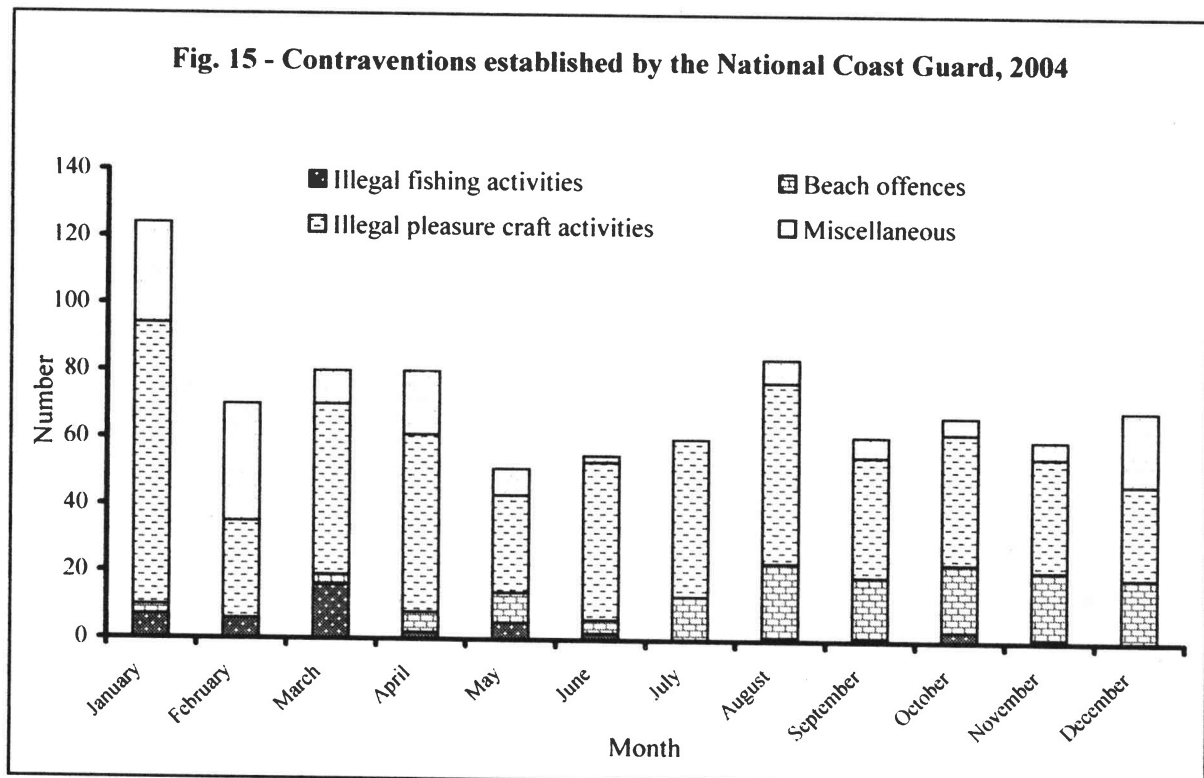


Table 4.22 - Mean sea surface temperature around the Island of Mauritius, 1995 - 2004

		Degrees Celsius												Average for the year
		January	February	March	April	May	June	July	August	September	October	November	December	
1995	Mean	26.0	28.3	25.7	27.2	25.0	23.2	24.2	21.5	23.3	23.0	24.7	25.4	24.8
	<i>Difference from Normal</i>	-0.8	1.1	-1.4	0.9	-0.2	-0.8	1.1	-1.1	0.7	-0.2	0.3	-0.4	
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>	-0.2	-0.5	-0.1	0.2	-0.2	-0.1	-0.3	-0.2	-0.1	-0.2	-1.0	-0.3	
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>	-1.0	-0.3	0.6	0.1	-0.2	0.3	-0.3	1.1	1.0	0.0	-0.5	0.5	
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>	-0.1	0.4	-1.0	-0.2	0.2	-0.4	0.0	-0.2	-0.2	0.3	-0.6	0.3	
1999	Mean	25.4	26.6	26.5	25.5	25.8	24.3	23.0	22.8	22.3	23.0	24.5	25.4	24.6
	<i>Difference from Normal</i>	-1.4	-0.6	-0.6	-0.8	0.6	0.3	-0.1	0.2	-0.3	-0.2	0.1	-0.4	
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>	-0.5	-0.6	-0.4	-0.3	-0.4	0.2	-0.2	-0.2	0.0	0.0	-0.5	-1.0	
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>	-1.3	0.1	-0.5	0.3	0.1	-0.3	0.4	0.1	-0.1	0.0	-0.2	0.1	
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>	-0.5	0.4	1.0	0.0	1.0	0.2	0.8	0.0	1.4	1.5	0.7	1.4	
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	25.7
	<i>Difference from Normal</i>	0.9	0.9	0.8	0.9	1.3	1.4	0.8	0.5	0.8	0.7	1.1	0.9	
2004	Mean	26.9	28.6	27.7	27.7	27.3	24.6	23.9	23.6	23.4	24.0	24.4	25.8	25.8
	<i>Difference from Normal</i>	0.1	1.4	0.6	1.4	2.1	0.6	0.8	1.0	0.8	0.8	0.9	0.7	0.9
Mean 1971 -2000		26.8	27.2	27.1	26.3	25.2	24.0	23.1	22.6	22.6	23.2	24.4	25.8	24.9

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

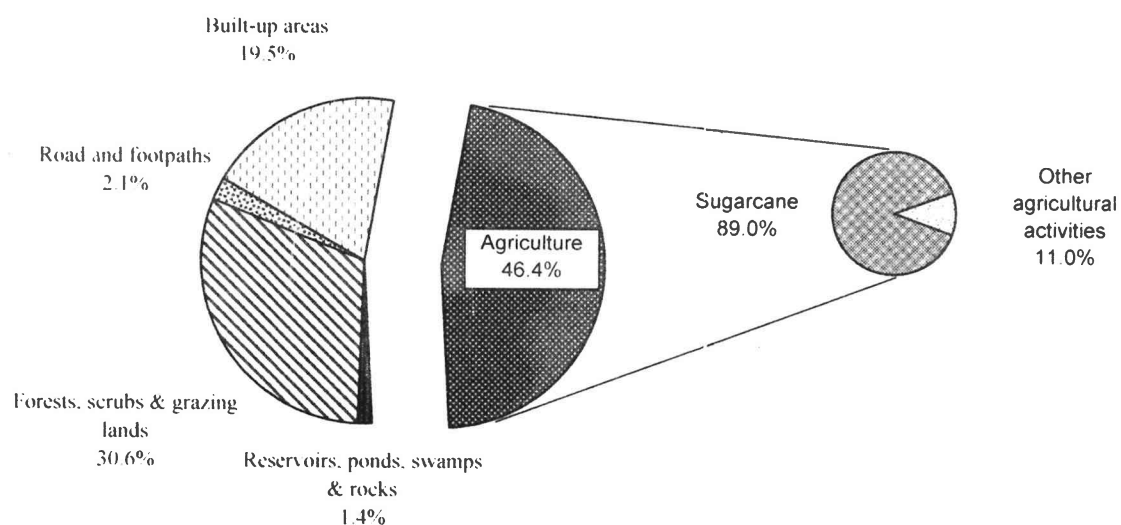
Fig.16 - Land use by category, 1995

Table 5.2 - Effective area under cultivation, 2002 - 2004

Crops	Hectares		
	2002	2003	2004
Sugarcane	75,501	74,117	70,785
Tea	680	681	674
Tobacco	340	379	356

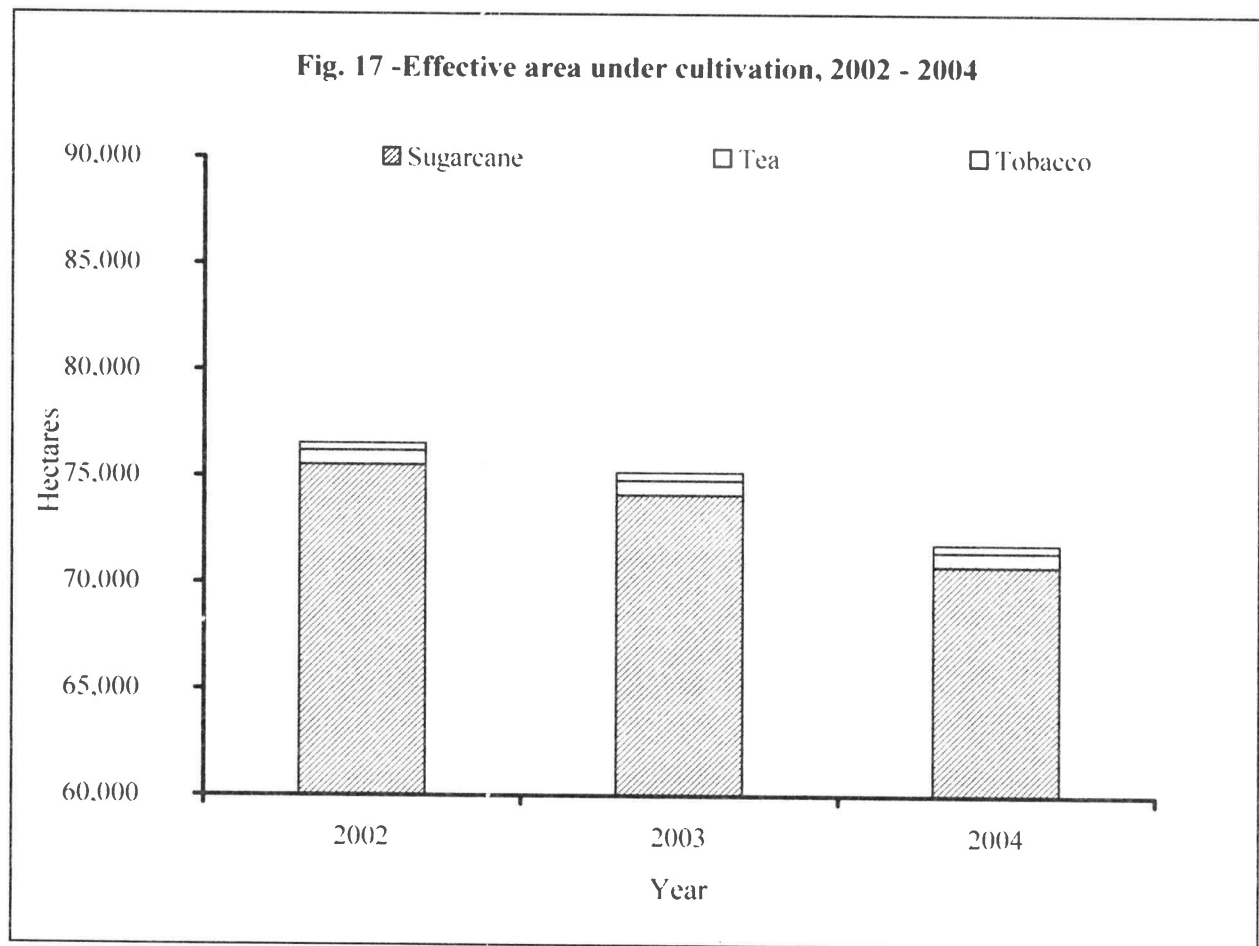
Fig. 17 - Effective area under cultivation, 2002 - 2004

Table 5.3 - Road network, 1997 - 2004

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
1997	31	902	582	390	95	1.02	111
1998	36	902	582	390	96	1.02	114
1999	36	902	582	390	96	1.02	122
2000	44	910	582	390	97	1.03	127
2001	60	950	592	398	98	1.07	128
2002	60	950	592	398	98	1.07	133
2003	75	950	592	398	98	1.08	137
2004	75	955	592	398	98	1.08	144

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, 1995 - 2004

Year	Severity of accident				
	Fatal ¹	Serious	Slight	No injury	Total
1995	141	198	2,515	11,829	14,683
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

¹ 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.

Table 5.5 - Imports of fertilisers and pesticides, 1995 - 2004

Commodities	Tonnes									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Fertilizers	47,926	57,055	51,740	43,160	42,788	56,617	68,966	43,877	64,081	48,749
Pesticides	1,604	1,448	1,715	1,552	1,522	1,549	1,824	1,959	2,222	2,072
<i>Insecticides</i>	595	340	620	428	530	439	605	755	809	642
<i>Fungicides</i>	124	109	111	175	120	163	177	199	201	210
<i>Weedkillers</i>	885	999	984	949	872	947	1,042	1,005	1,212	1,220

Fig. 18 - Imports of fertilisers and pesticides, 1995 - 2004

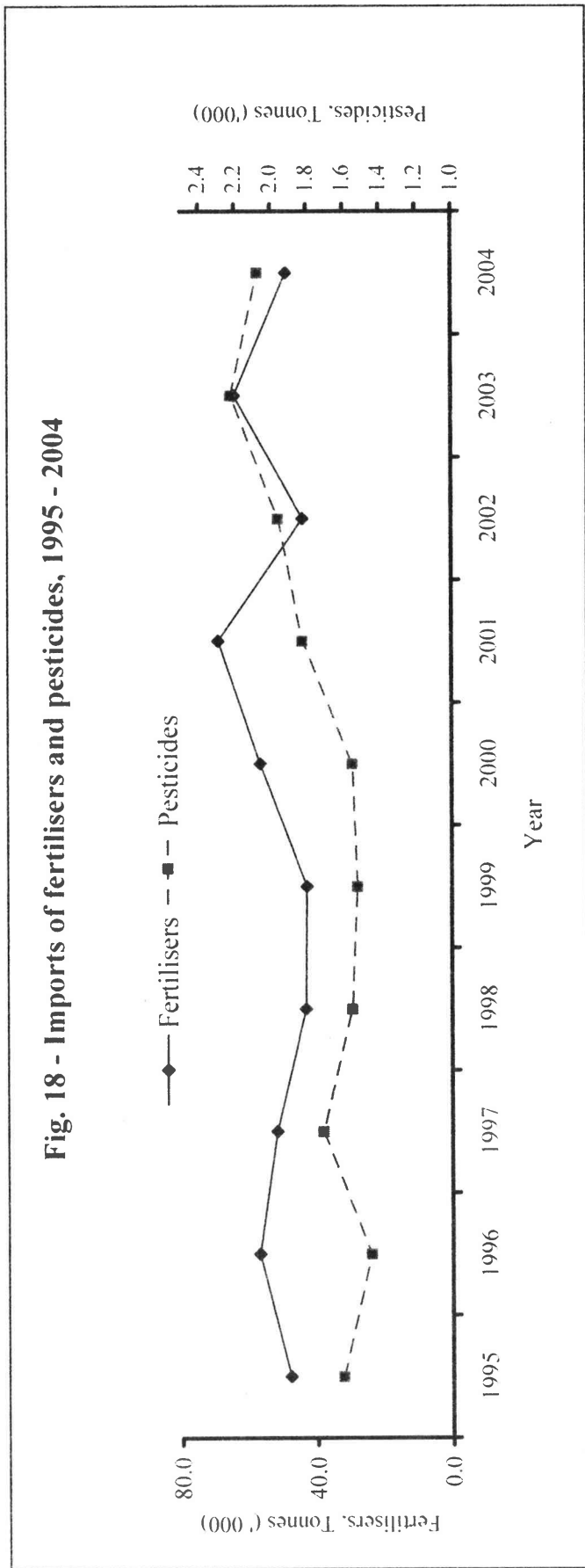


Table 5.6 - Consumption of fertilisers, 1995 - 2004

		1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Product weight		70,900	70,092	73,740	69,486	62,721	67,044	65,527	64,739	63,507	61,266
Nutrients Content	Nitrogen	11,800	11,634	12,294	11,681	10,941	11,550	11,428	11,028	10,742	10,499
	Phosphate	4,625	4,506	4,644	4,342	3,684	3,940	4,059	4,011	4,094	4,022
	Potash	14,208	14,550	15,326	14,444	11,351	13,464	12,911	13,296	11,516	12,248

Tonnes

Fig. 19 - Consumption of fertilisers (Nutrients) , 1995 - 2004

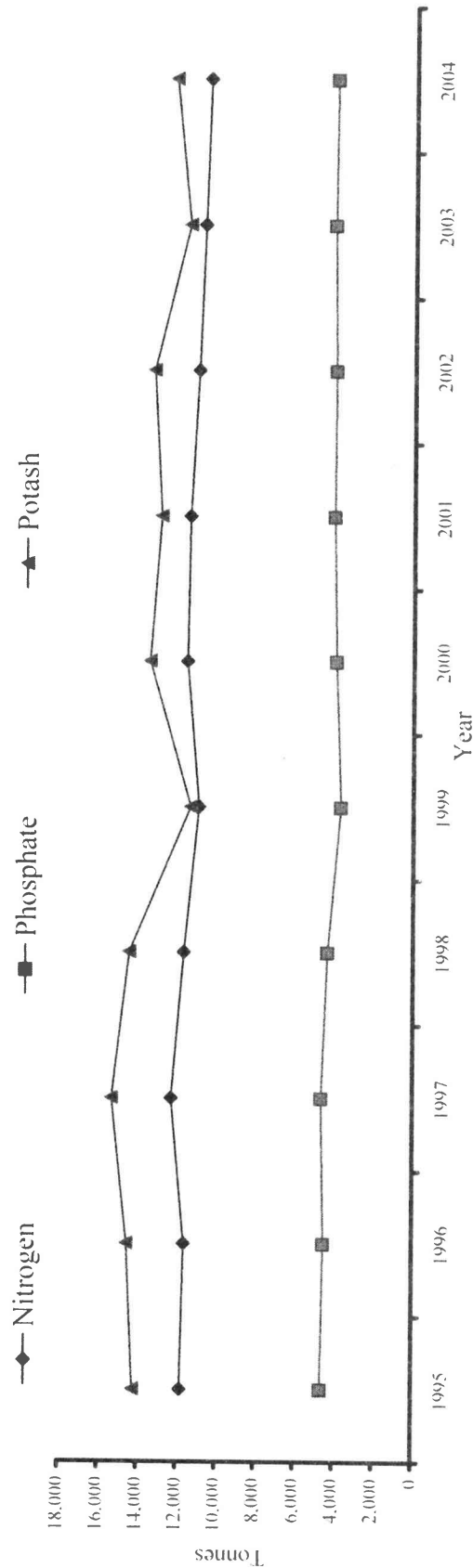


Table 5.7 - Land under irrigation, 1997 - 2004

Hectares				
Year	Overhead	Surface	Drip	Total
1997	13.232	4.226	831	18.289
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
(By region) 2004				
North	5.829	692	1.068	7.589
East	3.014	-	197	3.211
Centre	667	85	-	752
West	3.861	1.060	222	5,143
South	4.177	-	545	4.722

Table 5.8 - Number of permits¹ and floor area by region, 1999 - 2004

Region	1999		2000		2001		2002		2003		2004 (Jan - Sept)	
	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	4,437	731,000	3,856	592,242	3,903	646,162	3,689	651,242	3,723	676,851	2,582	446,921
Port Louis	1,054	201,954	1,007	187,745	1,047	177,713	1,003	185,002	1,006	226,690	710	146,807
Beau Bassin - Rose Hill	679	104,505	580	98,719	649	138,961	525	93,308	582	101,951	421	75,426
Curepipe	741	123,845	654	98,462	704	88,341	632	84,741	584	93,912	351	53,703
Quatre Bornes	553	111,533	593	82,712	540	118,062	534	163,938	556	128,231	308	63,935
Vacoas - Phoenix	1,410	189,163	1,022	124,604	963	123,085	995	124,253	995	126,067	792	107,050
Rural areas	4,380	815,349	5,011	918,231	5,592	858,387	5,365	891,358	5,400	960,884	4,001	728,503
Pamplemousses	897	159,535	929	202,799	1,112	183,808	931	173,086	966	213,286	798	127,027
Riviere du Rempart	737	148,879	753	136,085	948	158,955	799	135,612	982	191,488	727	125,187
Flacq	832	156,183	974	142,954	1,007	136,789	1,131	154,765	1,137	159,283	689	96,351
Grand Port	661	94,833	698	80,298	776	91,247	710	100,197	793	103,743	517	68,835
Savanne	327	45,003	422	55,826	528	71,154	531	66,563	501	87,825	338	50,041
Plaines Wilhems	20	2,636	52	8,649	48	6,808	53	7,405	52	10,057	28	8,249
Moka	412	65,887	585	88,042	543	79,771	567	120,466	470	77,675	357	63,590
Black River	494	142,393	598	203,578	630	129,855	643	133,264	499	117,527	547	189,223
Total	8,817	1,546,349	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

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

Table 5.9 - Number of permits¹ and floor area by type of building, 1999 - 2004

Type of building	1999		2000		2001		2002		2003		2004 (Jan - sept)	
	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	8,280	1,243,771	8,331	1,170,023	8,999	1,256,946	8,671	1,222,347	8,712	1,229,510	6,287	894,562
New buildings	4,657	864,710	4,538	784,627	4,459	794,586	4,167	758,397	4,301	768,796	3,332	583,663
Additions	3,623	379,061	3,793	385,396	4,540	462,360	4,504	463,950	4,411	460,714	2,955	310,899
Non residential	537	302,578	536	340,450	496	247,603	383	320,253	411	408,225	296	280,862
Agriculture, forestry, hunting and fishing	21	13,618	14	6,862	15	7,000	11	3,979	11	8,972	14	11,232
Manufacturing	47	42,697	44	38,573	52	42,351	48	69,546	49	67,496	30	30,456
Electricity and water	1	308	2	833	1	2,207	-	-	3	10,355	-	-
Construction	1	679	1	68	3	3,607	2	2,204	1	248	1	411
Wholesale and retail trade, restaurant and hotels	392	186,217	382	218,471	338	146,780	251	151,525	261	232,711	183	144,147
Transport, storage & communication	2	736	7	3,320	3	725	4	659	5	15,071	2	2,686
Banking, insurance and real estate	20	40,590	24	33,774	7	3,547	6	57,444	13	25,455	20	60,347
Community, social & personal services	53	17,733	62	38,549	77	41,386	61	34,896	68	47,917	46	31,583
Total	8,817	1,546,349	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

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

Table 5.10 - Number of permits¹ and floor area by region for residential building, 1999 - 2004

Region	1999		2000		2001		2002		2003		2004 (Jan - Sept)	
	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	4,187	596,995	3,664	488,607	3,701	508,794	3,544	476,092	3,550	479,873	2,472	329,150
Port Louis	964	142,448	940	138,375	984	135,799	947	137,761	932	137,908	673	98,352
Beau Bassin - Rose Hill	630	93,960	552	86,613	592	103,452	496	81,820	557	78,485	396	60,217
Curepipe	709	103,999	626	79,876	676	82,357	606	71,639	563	85,313	344	44,096
Quatre Bornes	535	104,120	558	72,276	521	80,338	520	69,644	536	73,606	295	39,249
Vacoas - Phoenix	1,349	152,468	988	111,467	928	106,848	975	115,228	962	104,561	764	87,236
Rural areas	4,093	646,776	4,667	681,416	5,298	748,152	5,127	746,255	5,162	749,637	3,815	565,412
Pamplemousses	835	139,268	840	134,501	1,034	154,912	877	128,203	900	139,710	753	113,102
Riviere du Rempart	685	113,983	704	110,190	923	147,841	773	121,285	950	162,073	707	116,408
Flacq	771	112,410	917	123,023	951	122,660	1,079	134,717	1,085	134,918	654	84,285
Grand Port	630	83,431	672	76,034	741	82,595	688	81,850	773	95,047	493	58,962
Savanne	303	41,307	399	47,299	504	60,707	519	63,810	483	60,399	320	42,128
Plaines Wilhems	19	2,623	43	7,082	44	5,671	52	7,361	51	7,372	27	3,800
Moka	383	57,229	550	75,181	507	68,560	531	101,685	446	65,088	343	49,937
Black River	467	96,525	542	108,106	594	105,206	608	107,344	474	85,030	518	96,790
Total	8,280	1,243,771	8,331	1,170,023	8,999	1,256,946	8,671	1,222,347	8,712	1,229,510	6,287	894,562

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

Table 5.11 - Number of permits¹ and floor area by region for non - residential building, 1999 - 2004

Region	1999		2000		2001		2002		2003		2004 (Jan - Sept)	
	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	250	134,005	192	103,635	202	137,368	145	175,150	173	196,978	110	117,771
Port Louis	90	59,506	67	49,370	63	41,914	56	47,241	74	88,782	37	48,455
Beau Bassin - Rose Hill	49	10,545	28	12,106	57	35,509	29	11,488	25	23,466	25	15,209
Curepipe	32	19,846	28	18,586	28	5,984	26	13,102	21	8,599	7	9,607
Quatre Bornes	18	7,413	35	10,436	19	37,724	14	94,294	20	54,625	13	24,686
Vacoas - Phoenix	61	36,695	34	13,137	35	16,237	20	9,025	33	21,506	28	19,814
Rural areas	287	168,573	344	236,815	294	110,235	238	145,103	238	211,247	186	163,091
Pamplemousses	62	20,267	89	68,298	78	28,896	54	44,883	66	73,576	45	13,925
Riviere du Rempart	52	34,896	49	25,895	25	11,114	26	14,327	32	29,415	20	8,779
Flacq	61	43,773	57	19,931	56	14,129	52	20,048	52	24,365	35	12,066
Grand Port	31	11,402	26	4,264	35	8,652	22	18,347	20	8,696	24	9,873
Savanne	24	3,696	23	8,527	24	10,447	12	2,753	18	27,426	18	7,913
Plaines Wilhems	1	13	9	1,567	4	1,137	1	44	1	2,685	1	4,449
Moka	29	8,658	35	12,861	36	11,211	36	18,781	24	12,587	14	13,653
Black River	27	45,868	56	95,472	36	24,649	35	25,920	25	32,497	29	92,433
Total	537	302,578	536	340,450	496	247,603	383	320,253	411	408,225	296	280,862

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

Table 5.12 - Solid waste input by type at Mare Chicose landfill site, 1999 - 2004

Waste type	Tonnes					
	1999	2000	2001	2002	2003	2004
Commercial	49	505	1,387	1,843	-	-
Construction	14,398	6,839	3,709	6,404	7,199	6,097
Domestic	161,254	251,249	292,880	325,006	352,915	365,528
Industrial (inc. textile)	4,566	5,861	4,269	6,429	4,421	3,097
Tuna/Sludge	...	...	125	48	120	189
Poultry	373	671	3,152	3,615	3,236	3,962
Rubber tyres	58	228	135	240	378	423
Asbestos	19	...	33	34	71	36
Condemned goods	43	464	1,002	1,626	2,754	1,770
Cyclone Wastes	...	...	...	18,669	1,340	89
Difficult and hazardous	28	...	...	...	...	12
TOTAL	180,788	265,815	306,691	363,913	372,434	381,203

Source: Ministry for Local Government

Table 5.13 - Monthly solid waste input by type at Mare Chicoise landfill site, Jan - Dec 2004

Tonnes

Waste type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Domestic	36,173	31,114	33,163	31,090	29,055	27,467	28,651	27,123	27,094	29,955	29,418	35,225	365,528
Textile	224	204	167	240	219	138	169	171	159	148	137	193	2,169
Poultry	277	252	314	337	275	348	369	347	348	360	338	397	3,962
Tuna/Sludge	11	-	4	37	9	26	14	25	16	3	15	29	189
Rubber tyres	32	62	28	32	31	8	84	50	46	19	10	21	423
Industrial	112	134	109	84	52	47	87	45	129	48	35	46	928
Construction waste	270	340	463	394	500	240	580	402	723	992	719	474	6,097
Asbestos	3	1	1	-	1	-	-	3	16	7	-	4	36
Condemned goods	49	214	145	209	230	163	163	128	132	85	120	132	1,770
Difficult and hazardous	-	-	2	4	2	-	-	-	4	-	-	-	12
Cyclone Darius	89	-	-	-	-	-	-	-	-	-	-	-	89
Total	37,240	32,321	34,396	32,427	30,374	28,437	30,117	28,294	28,667	31,617	30,792	36,521	381,203

Source: Ministry for Local Government

Table 5.14 - Number of EIA and PER licences granted by type of project, Island of Mauritius, 2000 - 2004

Project	EIA					PER ²	
	2000	2001	2002	2003	2004 ¹	2003	2004 ¹
Land parcelling (morcellement)	31	74	16	14	21	28	19
Poultry rearing	26	13	13	18	-	3	30
Industrial development	7	1	2	28	1	3	30
Coastal hotels & related works	11	9	15	4	15	11	-
Livestock rearing	4	-	1	4	-	2	3
Housing	4	4	3	4	34	1	15
Stone crushing plants	3	-	1	1	2	2	-
Development in port area	2	2	-	-	-	-	-
Service ("filling") station	2	-	1	14	-	2	3
Other	2	7	12	8	12	13	19
Total	92	110	64	95	85	65	119

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, 2000 - 2004

Industrial group	Number of establishments				
	2000	2001	2002	2003 ²	2004
Agriculture, forestry and fishing	<u>304</u>	<u>272</u>	<u>250</u>	<u>255</u>	<u>234</u>
<i>Sugarcane</i>	<i>180</i>	<i>154</i>	<i>145</i>	<i>144</i>	<i>123</i>
<i>Tea</i>	<i>7</i>	<i>10</i>	<i>8</i>	<i>9</i>	<i>8</i>
<i>Tobacco</i>	<i>55</i>	<i>52</i>	<i>41</i>	<i>41</i>	<i>37</i>
<i>Other agriculture</i>	<i>62</i>	<i>56</i>	<i>56</i>	<i>61</i>	<i>66</i>
Mining and quarrying	<u>6</u>	<u>6</u>	<u>6</u>	<u>8</u>	<u>8</u>
Manufacturing	<u>942</u>	<u>924</u>	<u>915</u>	<u>919</u>	<u>908</u>
<i>Food</i>	<i>112</i>	<i>110</i>	<i>108</i>	<i>108</i>	<i>111</i>
<i>Beverage and tobacco</i>	<i>17</i>	<i>18</i>	<i>16</i>	<i>16</i>	<i>16</i>
<i>Textile and wearing apparel (except footwear)</i>	<i>420</i>	<i>403</i>	<i>387</i>	<i>370</i>	<i>351</i>
<i>Other manufacturing</i>	<i>393</i>	<i>393</i>	<i>404</i>	<i>425</i>	<i>430</i>
Electricity, gas and water	<u>4</u>	<u>4</u>	<u>6</u>	<u>6</u>	<u>6</u>
Construction	<u>90</u>	<u>87</u>	<u>87</u>	<u>95</u>	<u>93</u>
Wholesale and retail trade, repair of m/vehicles, motorcycle, personal & household goods	<u>349</u>	<u>348</u>	<u>353</u>	<u>364</u>	<u>371</u>
<i>Wholesale and retail trade</i>	<i>307</i>	<i>309</i>	<i>313</i>	<i>323</i>	<i>330</i>
<i>Maintenance and repair of motor vehicles and motorcycles</i>	<i>15</i>	<i>14</i>	<i>14</i>	<i>15</i>	<i>13</i>
<i>Sales of motor vehicles, motorcycles and related parts; automotive fuel</i>	<i>27</i>	<i>25</i>	<i>26</i>	<i>26</i>	<i>28</i>
Hotels and restaurants	<u>128</u>	<u>129</u>	<u>132</u>	<u>143</u>	<u>142</u>
Transport, storage and communication	<u>100</u>	<u>100</u>	<u>98</u>	<u>104</u>	<u>106</u>
Financial intermediation	<u>68</u>	<u>69</u>	<u>68</u>	<u>70</u>	<u>64</u>
Real estate, renting and business activities	<u>138</u>	<u>139</u>	<u>148</u>	<u>167</u>	<u>197</u>
Public administration & defence; compulsory social security	<u>130</u>	<u>132</u>	<u>133</u>	<u>151</u>	<u>150</u>
Education	<u>152</u>	<u>150</u>	<u>149</u>	<u>151</u>	<u>155</u>
Health and social work	<u>44</u>	<u>45</u>	<u>44</u>	<u>46</u>	<u>53</u>
Other community, social and personal services	<u>79</u>	<u>83</u>	<u>86</u>	<u>80</u>	<u>68</u>
Total	2,534	2,488	2,475	2,559	2,555

¹ Only large establishments have been considered, i.e those engaging 10 or more persons.² Revised

CHAPTER 6

HUMAN SETTLEMENTS

Table 6.1 - Main environment indicators, 1995 and 2004

	Units	1995	2004 ¹
Environment indicators			
1. Total land area	000 ha	186.5	186.5
2. Irrigated land	ha	17,306.0	21,417.0
3. Forest area (as a % of total land area)	%	30.6	23.8
4. Land protected areas	ha	11,125.0	13,926.0
5. Marine protected areas	ha	7,190.0	7,216.0
6. Threatened plant species (IUCN Red List)	Number	...	87
7. Threatened animal species (IUCN Red List)	Number	...	60
8. Total fish catch	tons	16,029.0	9,431.0
9. Mean catch per fisherman day	kg	4.8	4.2
10. Total Carbon dioxide emission	000 tons	1,738.4	2,795.7
11. Per capita carbon dioxide emission	Gg	1.6	2.3
12. Mean annual rainfall	millimetres	1,514.4	2,271.4
13. Annual fresh water abstraction	Mm ³	650.0	662.0
14. Daily per capita domestic water consumption	litres	154.8	160.0
15. Daily per capita solid waste generated (<i>estimate</i>)	Kg	0.6	0.9
16. Total electricity generated	GWh	1,165.5	2,165.2
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	1.8	1.6
Socio - economic indicators			
1. Gross Domestic Product (GDP) at market prices	Rs mn	70,246	174,501
2. Sectoral contribution to GDP			
<i>Agriculture</i>	%	10.4	6.2
<i>Manufacturing</i>	%	23.0	21.0
<i>Construction</i>	%	6.4	5.8
<i>Wholesale and retail trade</i>	%	12.8	11.2
<i>Hotels and restaurants</i>	%	5.1	7.5
<i>Transport and communications</i>	%	11.4	13.2
<i>Financial intermediation and business services</i>	%	15.0	19.1
<i>Other</i>	%	15.9	16.0
3. GDP annual growth rate (basic prices)	%	5.3	4.3
4. Per capita GDP at market prices	Rs	62,573	141,448
5. Per capita GDP in US dollars	US\$	3,515	5,097
6. Investment (GDFCF)	Rs mn	16,499	37,997
7. Exports (f.o.b) (include ship's stores and bunkers)	Rs mn	27,326	55,223
8. Imports (c.i.f)	Rs mn	34,363	76,577
9. Population (mid year)	000	1,112.4	1,233.4
10. Population annual growth rate	%	1.2	0.8
11. Population density (per kilometre square)	Number	554	607
12. Total labour force ²	000	484.8	549.6
13. Total employment ²	000	460.5	504.5
<i>Agriculture (as a % of total)</i>	%	14.7	9.7
<i>Manufacturing (as a % of total)</i>	%	29.5	24.8
14. Unemployment rate ²	%	5.1	8.5
15. Inflation rate	%	6.0	4.7
16. Tourist arrivals	000	422.4	718.9

¹ Provisional² Year 1995 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 urban¹ /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 Mauritius¹, 1995 - 2004

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	
1995	1,117,290	20,549	7,465	13,084	-1466	11,618	1.17	-0.13	1.04	1,128,908
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

¹ Excl. Saint Brandon and Agalega

Table 6.7 - Life Expectancy at birth, 1995 - 2004

Year	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004 ¹
Male	66.5	66.4	66.6	66.8	67.4	68.1	68.4	68.6	68.7	68.7
Female	74.2	74.3	74.4	74.4	74.6	75.3	75.3	75.3	75.4	75.5

¹ Provisional

Table 6.8 - Infant mortality¹ rate by geographical district, 1995 - 2004

Geographical district	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Port Louis	20.7	24.6	22.0	23.4	20.4	18.6	16.0	13.8	9.7	17.9
Pamplemousses	17.4	24.9	17.6	18.9	17.0	15.3	13.8	11.9	12.7	16.4
Riviere du Rempart	17.7	17.8	17.8	20.7	14.3	14.1	12.0	19.1	8.7	17.8
Flacq	21.3	19.0	21.4	13.4	16.5	13.9	14.4	12.5	9.5	12.5
Grand Port	20.3	26.7	19.1	30.9	27.2	18.3	16.8	20.9	17.2	17.0
Savanne	17.5	22.1	33.0	12.3	28.4	20.9	7.3	17.6	13.2	17.6
Plaines Wilhems	18.9	20.6	18.2	16.4	17.8	13.8	13.1	11.8	13.9	9.8
Moka	19.8	19.4	22.7	23.5	16.8	14.7	14.2	13.4	12.0	14.9
Black River	24.9	29.6	20.6	21.6	19.9	18.5	17.3	18.4	14.5	8.5
Island of Mauritius	19.6	22.2	20.3	19.4	19.2	15.8	13.9	14.5	12.4	14.0

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

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

	Housing Census		Increase 1990 - 2000	
	1990	2000	No.	%
All buildings	200.626	257.521	56.895	28.4
Residential/Partly residential buildings	177.711	229.779	52.068	29.3
Total housing units	216.011	288.344	72.333	33.5
Occupied housing units	208.163	268.917	60.754	29.2
Private households	236.110	287.701	51,591	21.9
Population	1,054,902	1,129.801	74.899	7.1

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

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

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

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

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

Type of occupancy or vacancy	Housing units			
	1990		2000	
	No.	%	No.	%
Housing units occupied as :				
Principal residence	208,983	96.7	269,622	93.5
Secondary residence	1,725	0.8	3,901	1.4
Total occupied	210,708	97.5	273,523	94.9
Vacant housing units : For rent	2,093	1.0	5,990	2.1
For sale	205	0.1	2,548	0.9
Provided by employer	846	0.4	602	0.2
Under repairs	659	0.3	1,077	0.4
Other	1,500	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, 1995 - 2004

Details	Unit	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total primary energy requirement	ktoe	871.5	910.3	943.7	1007.7	999.5	1113.1	1182.0	1157.3	1222.8	1255.8
<i>Imported</i>	ktoe	584.3	634.7	647.3	707.2	778.9	849.0	901.2	898.8	956.3	980.1
<i>Local</i>	ktoe	287.2	275.6	296.4	300.5	220.6	264.1	280.9	258.6	266.5	275.7
Total primary energy requirement index (1990 = 100)		119.2	123.9	128.1	136.9	134.5	150.9	159.7	158.4	167.3	171.8
Annual increase	%	+6.5	+4.5	+3.7	+6.8	-0.8	+11.4	+6.2	-2.10	+5.7	+2.7
Import dependency	%	67.0	69.7	68.6	70.2	77.9	76.3	76.2	77.7	78.2	78.0
Energy intensity	toe per Rs.100,000 GDP	1.73	1.71	1.68	1.69	1.63	1.67	1.69	1.62	1.65	1.61
Per capita primary energy requirement	toe	0.78	0.80	0.82	0.87	0.85	0.94	0.99	0.96	1.00	1.02
Per capita final energy consumption	toe	0.61	0.61	0.63	0.63	0.59	0.63	0.65	0.63	0.67	0.68
Per capita consumption of electricity sold	kWh	814	878	947	1,026	1,059	1,158	1,222	1,248	1,330	1,382

Table 6.14 - Primary energy requirement, (Energy unit), Republic of Mauritius, 1995 - 2004

Energy source	Thousand tonne of oil equivalent (ktoe)									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Imported										
Gasolene	90.7	94.4	94.7	95.7	96.7	99.4	94.8	94.5	96.4	97.6
Diesel oil	127.6	137.4	147.0	156.7	166.6	191.3	190.6	198.7	210.9	216.0
Dual purpose kerosene	119.8	163.2	141.0	154.6	154.1	136.0	143.4	127.7	147.4	168.8
Kerosene	44.6	79.4	58.8	61.5	53.1	23.6	13.8	14.4	18.9	26.3
Aviation fuel	75.2	83.8	82.2	93.1	101.0	112.4	129.6	113.3	128.6	142.5
Fuel oil	170.0	175.3	194.1	212.7	230.0	215.5	236.1	231.4	249.7	259.1
LPG	37.0	39.5	42.3	43.7	46.9	50.0	50.8	52.5	55.8	59.2
Coal	39.1	25.0	28.3	43.9	84.7	156.9	185.5	193.9	196.0	179.4
Sub- total (Imported)	584.2	634.8	647.4	707.3	779.0	849.1	901.2	898.7	956.2	980.1
Local										
Hydro\Wind	11.6	9.0	8.0	9.0	2.6	8.2	6.1	7.4	10.1	10.6
Bagasse ¹	262.4	255.2	278.6	282.7	210.3	248.5	267.4	243.9	249.1	257.8
Fuel wood ¹	13.2	11.4	9.8	8.8	7.7	7.3	7.3	7.3	7.3	7.3
Sub- total (Imported)	287.2	275.6	296.4	300.5	220.6	264.0	280.8	258.6	266.5	275.7
Total	871.4	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 estimates

Table 6.15 - Imports of energy sources (Energy unit), Republic of Mauritius, 1995 - 2004

Energy source	Thousand tonne of oil equivalent (ktoe)									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Gasolene	90.9	95.1	95.1	93.8	100.2	97.0	93.7	86.7	93.8	94.7
Diesel oil	228.5	224.2	258.5	285.6	298.5	343.1	341.4	349.9	312.3	322.9
Dual purpose kerosene	177.5	203.8	204.1	214.7	241.2	226.1	222.7	234.5	236.8	267.1
<i>Kerosene</i>	41.2	84.4	79.6	56.3	45.9	28.4	12.5	14.9	21.0	31.0
<i>Aviation fuel</i>	136.3	119.4	124.5	158.4	195.2	197.6	210.3	219.6	215.8	236.1
Fuel oil	199.2	186.6	239.2	263.2	236.4	210.0	264.1	200.2	276.5	277.3
LPG	39.1	39.5	45.0	48.2	47.1	51.1	47.4	60.4	55.6	58.1
Coal	41.1	23.9	17.2	53.5	79.9	137.9	215.4	193.5	179.4	205.7
Total	776.3	773.1	859.2	958.9	1,003.2	1,065.2	1,184.8	1,125.2	1,154.4	1,225.8

Fig. 20 - Imports of energy sources, Republic of Mauritius, 1995 - 2004

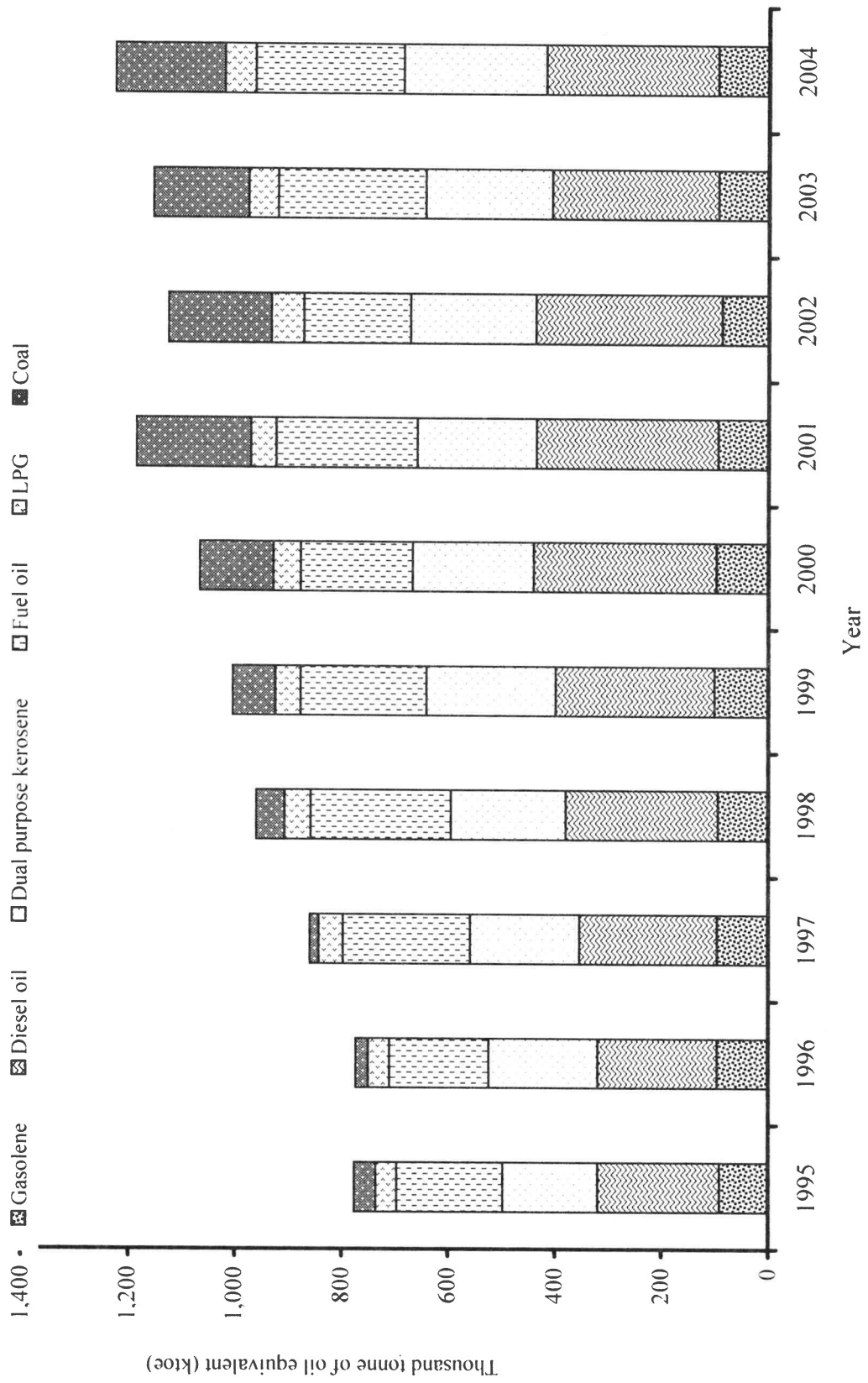


Table 6.16 - Fuel input for electricity production, (Energy unit), Republic of Mauritius, 1995 - 2004

Fuel	Thousand tonne of oil equivalent (ktoe)									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
<u>Island of Mauritius</u>										
Fuel oil	137.2	139.6	154.4	169.0	183.1	164.5	173.8	167.9	192.1	206.7
Diesel oil	2.6	2.2	2.3	2.6	3.1	2.9	2.6	2.8	2.4	2.4
Kerosene	33.6	68.5	48.9	51.7	43.6	13.6	3.9	5.7	10.3	17.2
Coal	18.8	4.1	11.4	27.9	69.5	141.7	169.5	177.9	178.0	164.4
Bagasse ¹	67.7	85.3	95.6	122.6	114.2	163.4	182.8	173.1	167.5	174.9
<u>Island of Rodrigues</u>										
Fuel oil ²	0.0	0.6	1.8	2.6	3.6	4.0	4.2	4.5	4.2	4.6
Diesel oil ²	2.7	2.3	1.1	1.2	0.4	0.6	0.6	0.7	1.5	1.6
Total	262.6	302.5	315.5	377.6	417.6	490.6	537.3	532.5	556.0	571.7

¹ Estimates

² Figures for 1995 - 1997 are estimates

Table 6.17 - Final energy consumption by sector and type of fuel (Physical unit), Republic of Mauritius, 1995 - 2004

Sector	Unit	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Manufacturing											
Fuel oil	tonne	34,203	36,590	39,518	42,774	45,150	49,000	60,630	61,439	55,615	49,857
Diesel oil	tonne	17,255	23,367	26,622	30,233	32,650	41,600	37,533	37,409	41,273	43,372
LPG	tonne	2,550	2,761	3,179	3,276	3,600	3,689	3,650	3,502	2,964	2,756
Coal	tonne	32,797	33,727	27,242	25,713	24,490	24,464	25,781	25,888	29,000	24,220
Fuel wood ¹	tonne	3,900	3,400	2,500	2,000	1,800	1,500	1,500	1,450	1,430	1,415
Electricity	GWh	415.9	446.2	496.1	551.3	558.8	651.6	711.4	711.7	742.2	769.0
Bagasse ¹	tonne	1,216,900	1,062,100	1,143,800	1,000,600	600,400	531,800	529,000	442,722	510,246	518,379
Transport											
Gasolene	tonne	83,958	87,387	87,671	88,592	89,500	92,000	87,749	87,507	89,242	90,350
LPG	tonne	-	-	-	264	485	633	820	1,216	2,223	2,691
Diesel oil	tonne	101,876	106,224	113,361	118,934	126,500	142,000	145,555	153,437	161,267	164,120
Aviation fuel (local aircraft)	tonne	72,305	80,569	79,025	89,537	97,126	108,082	124,652	108,972	123,627	137,002
Household											
Kerosene	tonne	10,590	10,504	9,533	9,472	9,100	9,600	9,480	8,409	8,265	8,726
LPG	tonne	28,600	30,437	32,313	32,837	34,700	37,710	37,850	39,023	40,559	42,856
Fuel wood ¹	tonne	26,100	23,200	20,900	19,000	16,400	16,000	15,900	15,850	15,780	15,940
Charcoal ¹	tonne	400	350	300	250	200	150	150	130	125	120
Electricity	GWh	340.0	364.5	394.9	431.2	449.6	491.9	522.8	532.6	564.6	575.0
Commercial and Distributive Trade											
LPG	tonne	3,150	3,356	3,650	4,000	4,500	4,150	4,450	4,559	5,749	6,372
Charcoal ¹	tonne	800	500	300	300	300	300	330	340	350	360
Electricity	GWh	232.3	256.3	290.3	322.3	337.4	374.8	415.5	424.9	479.3	516.0
Agriculture											
Diesel oil ¹	tonne	1,900	2,000	2,100	2,200	2,300	2,400	2,460	2,430	2,410	2,375
Electricity	GWh	17.3	21.3	20.5	25.3	22.5	27.2	26.8	27.5	27.0	23.8

¹ Estimates

Table 6.18 - Final energy consumption by sector (Energy unit), Republic of Mauritius, 1995 - 2004

Thousand tonne of oil equivalent (ktoe)

Sector	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Manufacturing	305.3	292.2	311.8	299.3	240.2	249.9	262.4	249.2	262.3	259.3
Transport	268.8	285.5	291.4	309.2	326.0	355.9	372.3	364.1	390.2	408.7
Household	81.3	84.2	86.9	89.8	92.0	99.2	101.8	102.8	107.0	111.0
Commercial and Distributive Trade	24.0	26.0	29.1	32.3	34.1	36.9	40.8	41.7	47.7	51.5
Agriculture	3.4	3.9	3.9	4.4	4.3	4.8	4.8	4.8	4.8	4.4
Other (n.e.s) and losses	1.3	1.4	1.5	1.6	1.8	2.3	2.3	2.4	2.9	3.2
TOTAL	684.0	693.1	724.5	736.6	698.3	749.0	784.4	765.1	814.9	838.1

¹ estimates

Table 6.20 - Vehicles¹ registered by type, 1995 - 2004

Type of vehicle	Number									
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Car (of which taxi car)	43.288 (-4.439)	45.563 (-4.673)	48.390 (+7.21)	51.051 (-4.761)	52.892 (-4.905)	54.911 (5.039)	58.082 (5.318)	63.307 (5.801)	68.524 (5.979)	77.342 (6.482)
Dual purpose vehicle	22.086	24.382	27.050	29.527	32.262	34.912	36.984	38.129	39.383	40.667
Heavy motor car	898	922	934	945	934	916	923	944	958	1.020
Motor cycle	21.492	22.230	22.839	23.577	24.125	24.523	25.104	25.723	26.744	28.646
Auto cycle	76.317	79.524	82.567	85.566	88.821	91.955	94.849	97.078	98.858	100.854
Lorry and truck	8.815	9.058	9.356	9.750	10.138	10.485	10.888	11.236	11.501	11.774
Van	10.851	11.434	12.469	14.508	16.814	18.807	20.694	21.750	22.496	23.326
Bus	2.362	2.348	2.359	2.367	2.344	2.394	2.408	2.450	2.460	2.457
Tractor and dumper	2.546	2.580	2.615	2.627	2.630	2.645	2.683	2.683	2.877	2.935
Prime mover	256	262	278	297	315	322	335	349	369	388
Trailer	1.534	1.597	1.640	1.703	1.719	1.726	1.776	1.770	1.772	1.771
Road roller	107	106	108	105	102	100	100	101	100	99
Other	315	314	317	321	319	322	323	321	329	326
Total	190.867	200.320	210.922	222.344	233.415	244.018	255.149	265.841	276.371	291.605

¹ Excluding pedal cycles, but including government vehicles

Fig. 21 - Vehicles registered by type, 1995 - 2004

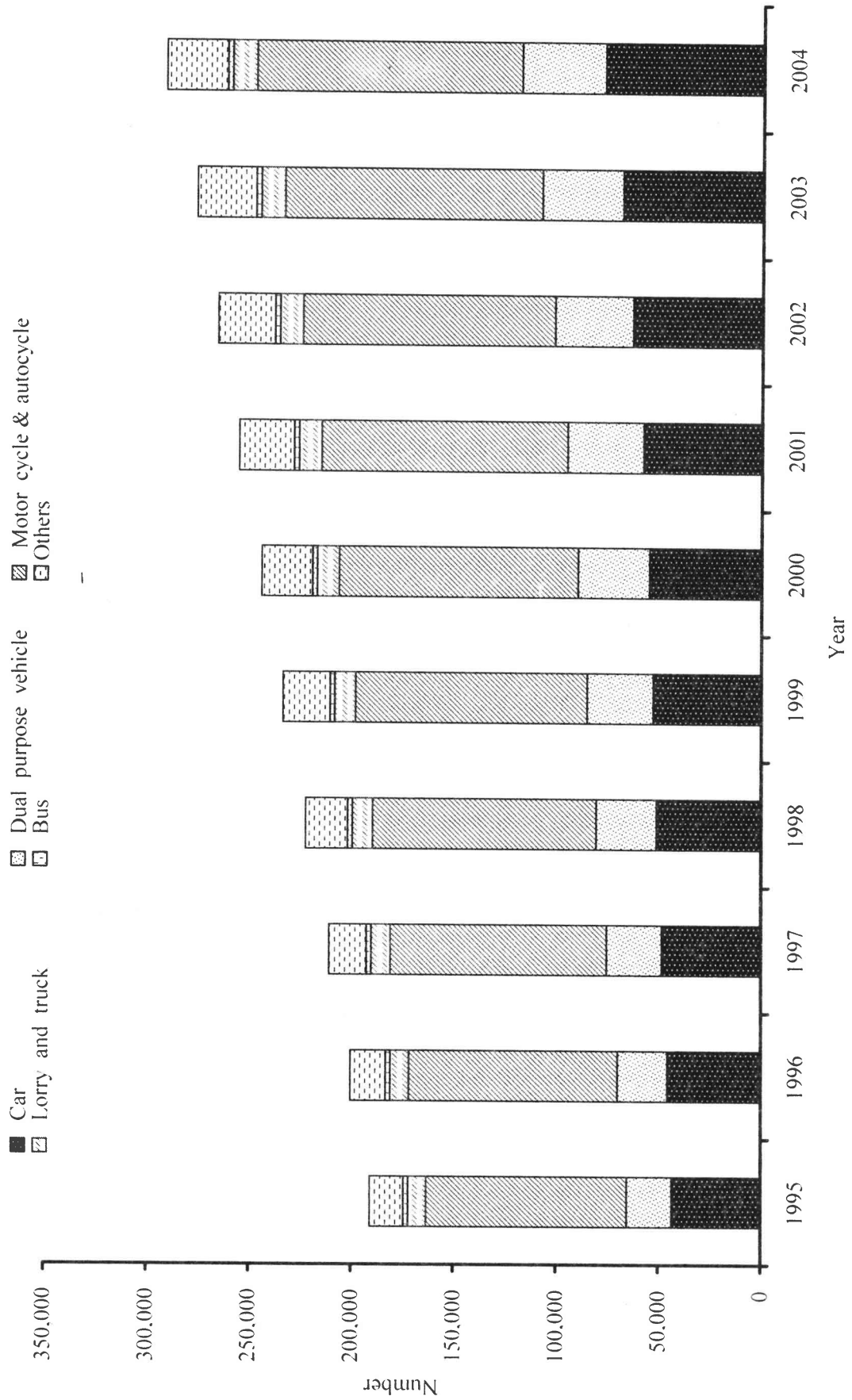


Table 6.21 - Road traffic accidents¹ and casualties², 1995 - 2004

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
1. Road traffic accidents:										
Number	14,683	14,845	15,954	18,055	17,877	18,278	18,517	18,022	19,178	19,495
Rate per 100,000 Population	1,350	1,351	1,434	1,605	1,569	1,588	1,591	1,535	1,616	1,629
Rate per 1,000 registered motor vehicles	80	77	78	84	79	77	75	69	72	69
2. Motor vehicles involved :										
Number	25,584	26,270	28,561	32,568	32,547	33,537	33,988	33,119	35,239	35,506
Rate per 1,000 registered motor vehicles	139	135	140	152	144	142	137	127	133	126
3. Casualties :										
Total number of casualties	3,586	3,774	3,755	3,828	3,405	3,291	3,264	2,904	2,698	2,951
Fatal ²	173	153	146	162	170	163	126	158	131	144
Seriously injured	280	238	261	281	237	266	288	216	291	245
Slightly injured	3,133	3,383	3,348	3,385	2,998	2,862	2,850	2,530	2,276	2,562
4. Fatality :										
Rate per 100,000 population	15.9	13.9	13.1	14.4	14.9	14.2	10.8	13.5	11.0	12.0
Rate per 1,000 registered motor vehicle	0.9	0.8	0.7	0.8	0.8	0.7	0.5	0.6	0.5	0.5
Fatality Index ³	4.8	4.1	3.9	4.2	5.0	5.0	3.9	5.4	4.8	4.9

¹ Exclude number of accidents involving bicycles only or bicycle and pedestrian. 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. As from 2002, figures are based on definition of fatal accidents where death occurred within 30 days as a result of the road accident.

Fig. 22 - Road traffic accidents and casualties rate, 1995 - 2004

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

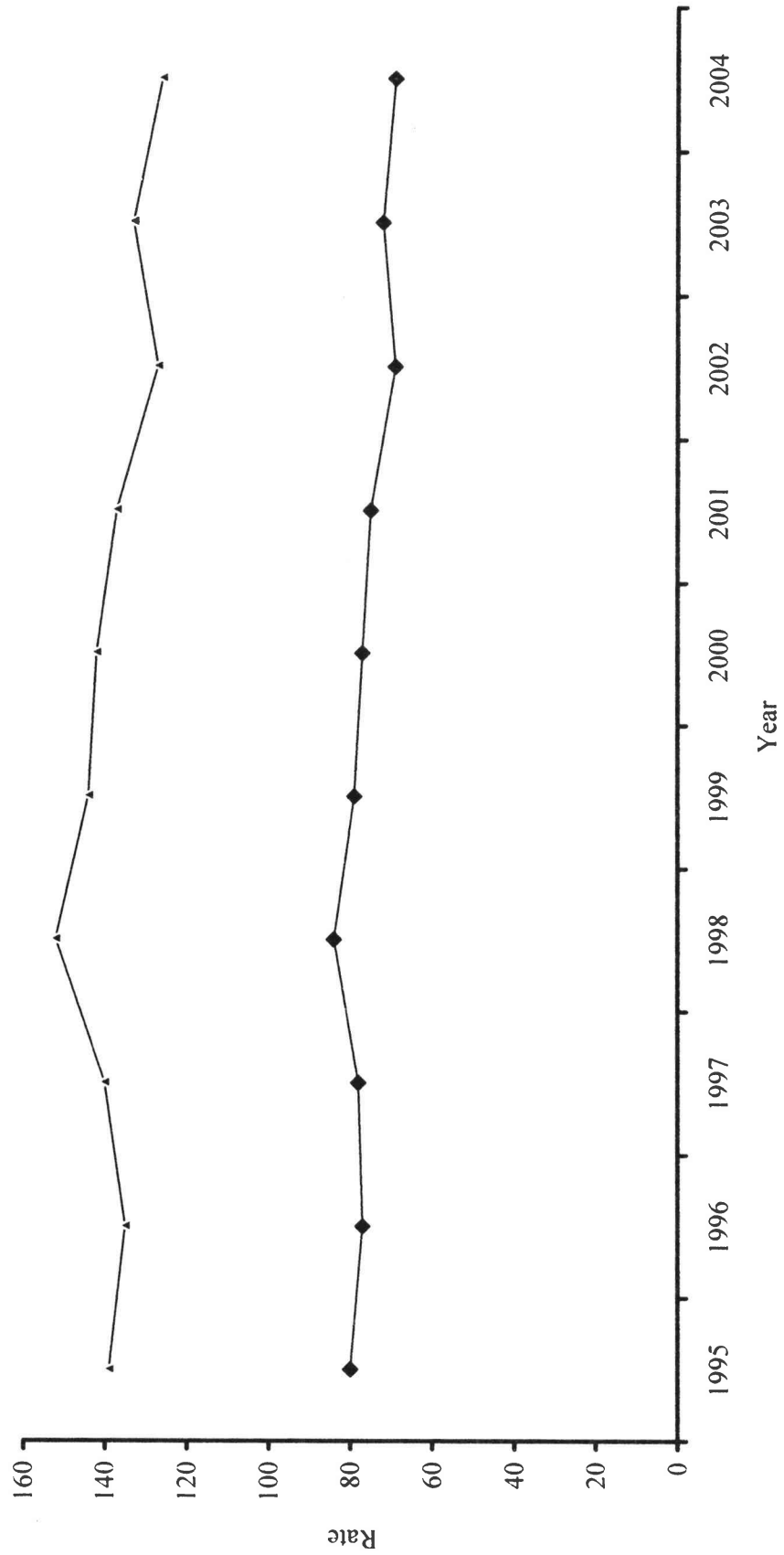


Table 6.22 - Imports of motor spirit and gas oil by country of origin, 2000 - 2004

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

Item	Country of origin	Unit	2000		2001		2002		2003 ¹		2004 ²	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Motor spirit (Gasoline)	Bahrain	M/ton	25,300	215,549	26,148	203,232	19,837	164,003	52,434	439,731	58,958	686,478
	Saudi Arabia	"	19,497	177,034	15,065	110,845	26,907	222,842	28,205	258,132	7,461	89,363
	South Africa Rep.	"	45,027	351,728	30,038	218,891	16,190	89,057	-	-	5,952	48,099
	Singapore	"	-	-	3,074	26,345	-	-	-	-	-	-
	United Arab Emirates	"	-	-	12,448	86,812	17,363	129,752	6,163	50,647	13,386	179,819
	Tanzania	"	-	-	-	-	-	-	-	-	1,949	26,860
			89,824	744,311	86,773	646,125	80,297	605,654	86,802	748,510	87,706	1,030,619
Gas oil (Diesel)	Bahrain	M/ton	105,408	661,929	62,967	392,692	87,179	617,939	160,788	1,148,753	142,140	1,388,045
	Saudi Arabia	"	64,150	412,539	90,262	580,062	99,745	667,094	96,136	662,637	95,042	798,739
	South Africa Rep.	"	170,113	1,092,232	123,223	710,386	58,841	298,879	13,479	96,965	-	-
	Singapore	"	-	-	20,777	131,704	-	-	-	-	-	-
	United Arab Emirates	"	-	-	40,815	231,327	100,636	639,664	6,884	46,240	25,444	296,146
	India	"	-	-	-	-	-	-	22,848	196,298	35,208	430,416
	Yemen	"	-	-	-	-	-	-	9,080	56,027	-	-
Kuwait	"	-	-	-	-	-	-	-	-	21,898	188,187	
			339,671	2,166,700	338,044	2,046,171	346,401	2,223,576	309,215	2,206,920	319,732	3,101,533

¹ Revised² Provisional

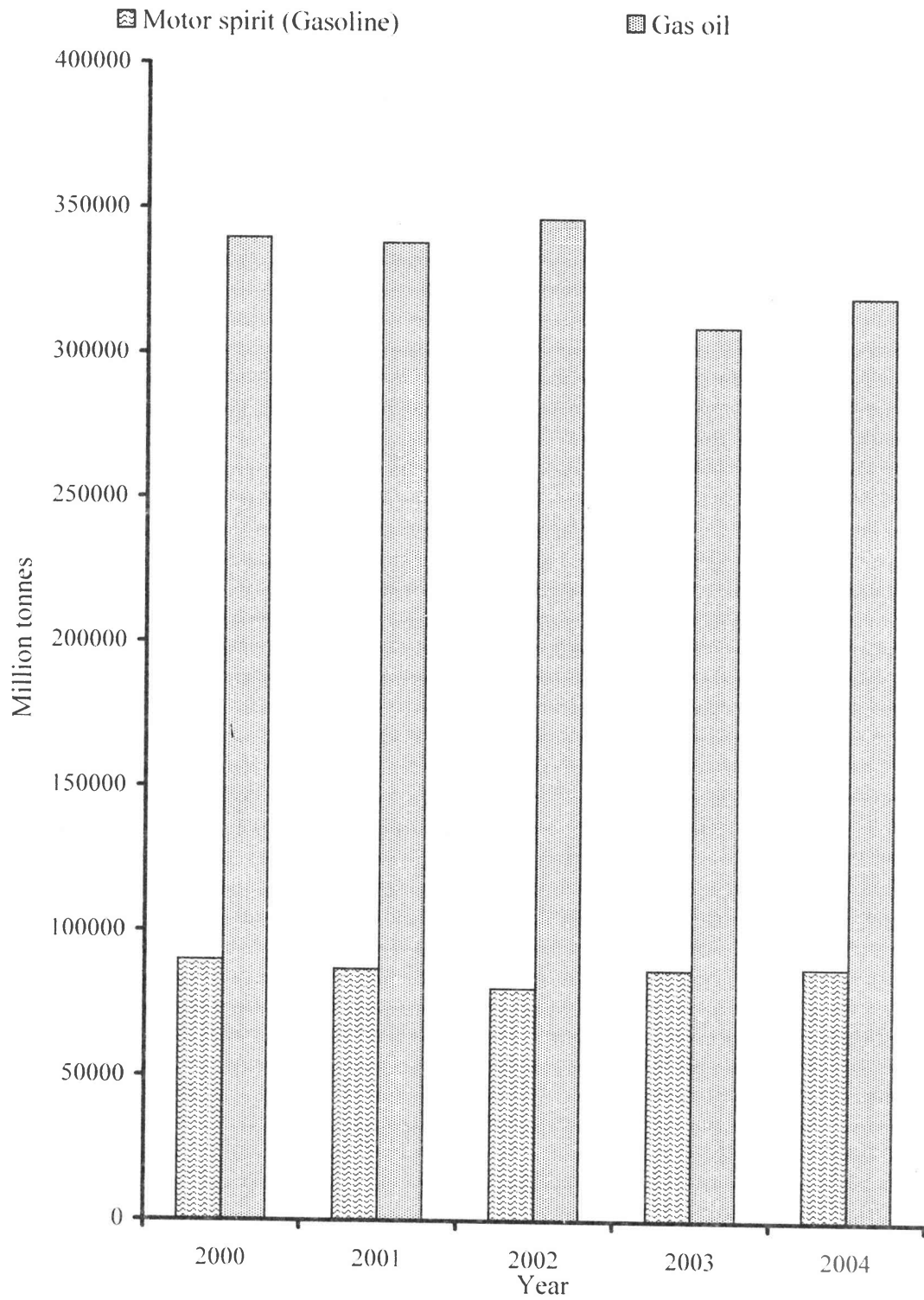
Fig. 23 - Imports of motor spirit and gas oil, 2000 - 2004

Table 6.23 - Imports of lubricating oils and greases by country of origin, 2000 - 2004

Item	Country of origin	2000		2001		2002		2003 ¹		2004 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	757	19,425	431	14,206	247	9,223	371	14,691	338	16,261	
	Japan	9	830	22	1,594	2	223	2	232	-	-	
	Singapore	5,091	92,738	4,236	95,848	3,496	76,699	4,536	101,014	4,547	113,146	
	South Africa Rep.	2,687	60,821	2,545	63,489	2,790	61,762	2,622	64,405	2,578	64,793	
	Thailand	121	2,141	111	2,269	21	633	87	2,138	175	4,649	
	United Kingdom	43	1,356	21	1,382	6	441	17	1,167	36	2,651	
	United States	48	4,308	38	4,597	68	9,618	126	10,861	75	8,261	
	Other countries	191	4,693	207	5,499	249	6,569	258	6,531	940	24,145	
			8,947	186,312	7,611	188,884	6,879	165,168	8,019	201,039	8,689	233,906
	Lubricating greases containing not less than 70% by weight of petroleum products	France	37	1,005	47	1,492	13	549	5	414	5	437
Singapore		118	2,917	13	541	10	296	4	209	38	1,297	
South Africa Rep.		92	2,958	109	3,265	114	3,081	139	3,970	117	4,149	
Thailand		-	-	-	-	-	-	88	1,163	16	504	
Other countries		24	1,168	10	929	5	547	6	757	17	986	
			271	8,048	179	6,227	142	4,473	242	6,513	193	7,373

¹ Revised² Provisional

Table 6.24 - Air transport, 1995 - 2004

Year	Number of movements ¹		Freight ²	
	Landings	Take - offs	Unloaded (Tonnes)	Loaded (Tonnes)
1995	5.830	5.829	14.367	16.111
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 ³	9.316	9.315	22.381	26.049

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.

³ Provisional

Table 6.25 - Tourist¹ arrivals by mode of transport and tourist nights spent during period, 1995 - 2004

Period	Tourist arrivals during period			Tourist nights spent during period ²	% change over previous year	
	Sea	Air	Total		Tourist arrivals	Tourist nights
1995	6,105	416,358	422,463	4,434,891	+ 5.5	+ 1.7
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

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, 1995 - 2004

	Unit	1995	1996	1997	1998	1999	2000	2001	2002	2003 ¹	2004
A. Sound											
Channels	Number	5	6	7	7	7	8	8	8	8	8
Transmitters	"	19	20	20	20	22	24	18	21	24	24
Aerial output:											
Medium wave	kW	10	10	10/1	10/1	10/2	10/2	10/2	10/2	10/2	10/2
F.M.	kW	0.5	1.3	1/0.3	1/0.3	1/0.5	1/0.5	1/0.5	1/0.5	1/0.5	1/0.5
Weekly transmission time	Hour	840	1,008	1,350	1,176	1,176	1,344	1,344	1,344	1,848	1,848
Private operators	Number	-	-	-	-	-	2	2	5	5	5
B. Television											
Channels	Number	5	5	6	6	4	4	4	4	4	4
Transmitters	"	50	51	55	57	53	59	78	55	72	75
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	0.4 - 30	0.1 - 75
Weekly transmission time	Hour	800	800	800	800	500	500	672	672	990	990
Television sets licensed											
Isl. of Mauritius	Number	165,400	172,080	192,711	214,574	216,691	219,282	230,676	236,551	253,126	254,000
Isl. of Rodrigues	"	2,900	3,440	3,770	4,104	4,356	4,575	4,760	4,934	6,286	6,300
Private operators	"	...	...	...	...	3	3	3	3	3	3

¹ Revised

Table 6.27 - Telephone services (end of period), 1995 - 2004

	Unit	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total line capacity of local exchanges	Number	183,000	253,852	264,627	267,788	268,210	299,034	354,557	387,924	351,146	368,481
Main telephone lines in operation	"	148,228	183,902	222,747	243,630	257,099	284,604	309,693	325,774	348,202	353,808
Cellular mobile telephone subscribers	"	11,735	23,000	44,000	61,000	80,000	126,600	278,500	366,438	466,327	547,831
National telephone traffic (calls) ¹	000	333,000	414,000	527,000	579,000	636,000	506,630 ²	511,573 ²	539,243 ²	543,041 ²	534,531 ²
International outgoing telephone traffic:											
(a) calls	000	5,838	6,490	7,298	8,259	9,676	10,727	11,179	12,627	13,406	14,831
(b) duration	000 minutes	20,022	21,732	24,642	27,626	31,474	34,641	35,535	36,516	43,416	45,539

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 - 2004 figures are for calls irrespective of duration

Table 6.28 - Health related statistics, 1998 - 2004

Year	1998	1999	2000	2001	2002	2003	2004
No of doctors (public sector) ¹	590	585	663	694	703	765	775
No of doctors (public and private sectors) ¹	1,033	1,061	1,080	1,107	1,186	1,173	1,303
No of nurses and midwives (public sector) ¹	2,827	2,831	2,802	2,726	2,812	2,799	2,774
No of beds (public and private sectors)	4,170	4,418	4,391	4,297	4,350	4,038	4,073
Public sector							
No of children immunised against Tuberculosis	16,238	16,829	16,923	16,611	16,658	17,021	16,424
No of children immunised against DPT (diphtheria, pertussis, tetanus) & Hepatitis B 3 rd dose	16,724	16,616	16,925	17,381	16,895	17,036	16,161
No of children immunised against Polio 3 rd dose	16,803	16,690	16,962	17,441	16,937	17,077	16,246
No of children immunised against Measles/Mumps/Rubella (MMR)	15,863	15,581	16,354	16,846	16,190	17,309	16,184
No of cases of (Imported) Malaria reported	52	73	62	62	38	40	45
No of cases of (Introduced) Malaria reported	4	-	-	3	1	-	3

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

¹ Republic of Mauritius² Provisional

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, 1995 - 2004

Category	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004 ¹
Noise	87	106	86	150	121	555	821	458	583	444
Solid waste	56	43	35	85	57	586	758	88	88	177
Air pollution	45	35	18	47	32	71	188	229	209	129
Waste water	49	74	35	60	32	150	210	286	155	180
Animal husbandry	-	-	12	11	12	-	-	-	-	-
Odour	56	44	24	64	56	251	417	406	344	328
Other ²	56	90	85	86	93	293	657	189	389	447
Total	349	392	295	503	403	1,906	3,051	1,656	1,768	1,705

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, 2004

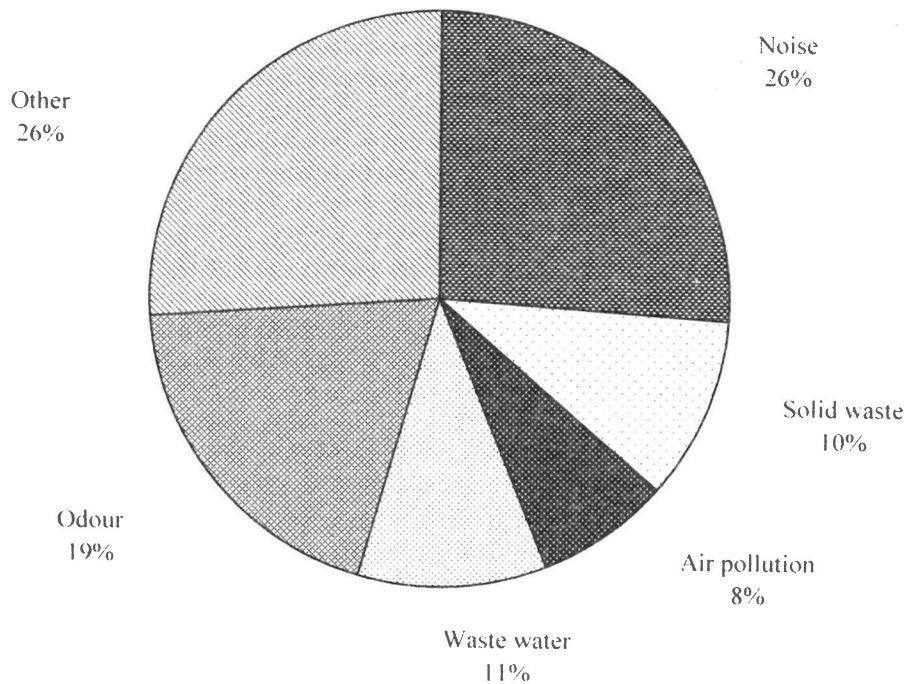


Table 6.33 - Contraventions and notices established by Police De L'Environnement, 2002 - 2004

Type of contravention	2002	2003	2004
Illegal Littering	3,731	3,965	4,422
Illegal Dumping	39	31	19
Noise	156	97	63
Smoking in prohibited area	267	40	77
Waste carriers offences	70	101	64
Setting fire within 50 metres from building/plantation	27	32	11
Obstruction	45	39	27
Road Traffic Offences	68	65	195
Trading without licence	50	126	100
Allowing animal to stray	18	40	15
Disturbance	4	11	3
Others	231	24	13
Total	4,706	4,571	5,009
No. of notices issued to drivers of vehicles emitting black smoke	2,764	3,666	4,172

Source: Ministry of Environment and National Development Unit.

Table 6.34 - Employment by industrial group ¹ and sex, March 2004, Republic of Mauritius

Industrial group	Male	Female	Both sexes
<u>Agriculture, forestry and fishing</u>	<u>19,080</u>	<u>4,031</u>	<u>23,111</u>
Sugarcane	12,035	2,787	14,822
Tea	132	198	330
Tobacco	66	117	183
Flower growing	181	274	455
Fishing	926	59	985
Animal Farming	610	113	723
Agricultural & animal husbandry services	3,988	383	4,371
Forestry, logging & related service activities	1,199	19	1,138
Other	23	81	104
<u>Mining and quarrying</u>	<u>115</u>	<u>102</u>	<u>217</u>
<u>Manufacturing</u>	<u>46,484</u>	<u>55,231</u>	<u>101,715</u>
Food:			
Meat and fish processing	3,006	2,352	5,358
Bread	626	111	737
Sugar confectionery, biscuits and other farinaceous products	455	531	986
Sugar	2,260	22	2,282
Tea	169	37	206
Other	64	123	187
Beverage and tobacco:			
Distilleries & cigarette manufacture	308	90	398
Wine and beer	1,177	155	1,332
Soft drinks	913	67	980
Textiles	5,094	3,188	8,282
Wearing apparel (except footwear)	18,487	41,204	59,691
Leather products	175	667	842
Footwear	244	162	406
Wood products (except furniture)	356	174	530
Paper products	609	171	780
Printing and publishing	1,847	837	2,684
Chemical products	1,868	433	2,301
Rubber products	135	18	153
Plastic products	1,170	476	1,646
Non-metallic mineral products:			
Stone and concrete	1,166	74	1,240
Other	219	61	280
Basic metals	383	19	402
Fabricated metal products	1,594	279	1,873
Machinery & equipment	476	57	533
Electrical machinery & apparatus	339	139	478
Radio, television & communication equipment	105	62	167
Medical, optical & photographic equipment	494	547	1,041
Watches and clocks	244	444	688
Transport equipment	293	21	314

¹ Large establishment

Table 6.34(cont'd)-Employment by industrial group ¹ and sex, March 2004, Republic of Mauritius

Industrial group	Male	Female	Both sexes
Furniture	910	147	1,057
Jewellery and related articles	962	1,155	2,117
Other manufacturing industries	336	1,408	1,744
<u>Electricity, gas and water</u>	<u>2,780</u>	<u>152</u>	<u>2,932</u>
<u>Construction</u>	<u>14,780</u>	<u>553</u>	<u>15,333</u>
<u>Wholesale & retail trade, repair of m/vehicles, motorcycles, personal & household goods</u>	<u>12,710</u>	<u>5,447</u>	<u>18,157</u>
Maintenance & repair of motor vehicles & motorcycles	299	40	339
Sale of motor vehicles, motor cycles & related parts; automotive fuel	1,360	271	1,631
Wholesale trade	6,487	1,818	8,305
Retail trade	4,564	3,318	7,882
<u>Hotels and restaurants</u>	<u>14,505</u>	<u>3,971</u>	<u>18,476</u>
Hotels	13,266	3,587	16,853
Restaurants	1,239	384	1,623
<u>Transport, storage & communication</u>	<u>14,609</u>	<u>3,192</u>	<u>17,801</u>
Bus transport	5,801	118	5,919
Other land transport	692	247	939
Water & air transport	1,735	895	2,630
Cargo handling, storage & warehousing & related activities	3,130	472	3,602
Travel agencies & tour operators	597	654	1,251
Post & telecommunication	2,654	806	3,460
<u>Financial intermediation</u>	<u>4,302</u>	<u>3,192</u>	<u>7,494</u>
Banking	2,782	1,915	4,697
Insurance	1,224	1,010	2,234
Other	296	267	563
<u>Real estate, renting and business activities</u>	<u>8,184</u>	<u>4,210</u>	<u>12,394</u>
Real estate & renting of equipment	192	85	277
Computer services	1,005	905	1,910
Accounting & consultancy services	812	721	1,533
Architectural & engineering services	824	168	992
Advertising services	176	111	287
Security services	3,526	126	3,652
Other	1,649	2,094	3,743
<u>Public administration & defence; compulsory social security</u>	<u>30,371</u>	<u>8,367</u>	<u>38,738</u>
<u>Education</u>	<u>10,836</u>	<u>10,495</u>	<u>21,331</u>
<u>Health and social work</u>	<u>6,262</u>	<u>5,865</u>	<u>12,127</u>
Health services	5,578	5,193	10,771
Social work activities	684	672	1,356
<u>Other community, social and personal services</u>	<u>4,359</u>	<u>1,232</u>	<u>5,591</u>
Cleaning services	1,587	224	1,811
Recreational & sporting activities	2,242	757	2,999
Other	530	251	781
Total	189,377	106,040	295,417

¹ Large establishment

Table 6.35 - Number of accidents by economic activity, bodily location and agency, Republic of Mauritius, (July 2003 - June 2004)

Economic Activity	Bodily Location ¹									Material Agency							TOTAL	
	1.Head	2.Neck(including spine & vertebrae in neck)	3.Back, including spine & vertebrae in the back	4.Trunk and internal organs	5.Upper extremities	6.Lower extremities	6.Whole body and multiple sites	7.Other parts of body injured	8.Part of body injured, unspecified	TOTAL	1.Machines	2.Means of transport & lifting equipment	3.Other equipment	4.Materials, substances & radiations	5.Working environment	6.Other agencies, not elsewhere classified		7.Agencies not classified for lack of sufficient data
Agriculture, hunting & forestry	216	13	112	47	328	212	7	1	41	977	97	61	12	158	28	1	620	977
Fishing	0	0	0	0	2	0	0	0	0	2	0	0	0	0	1	0	1	2
Mining & quarrying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Manufacturing	47	4	45	10	273	171	17	0	17	584	124	75	20	25	61	0	279	584
Electricity, gas & water supply	1	0	0	0	9	4	0	0	1	15	5	0	1	0	2	0	7	15
Construction	117	9	103	24	377	267	5	0	40	942	54	136	160	88	35	0	469	942
Wholesale and retail trade; repair of motor vehicles,motor cycles and personal and household goods	9	1	17	6	85	44	2	0	11	175	26	27	6	4	19	0	93	175
Hotels & restaurants	1	0	7	0	21	34	0	0	11	74	4	3	4	1	22	0	40	74
Transport, storage & communications	13	2	25	10	111	80	11	0	4	256	12	126	9	5	7	0	97	256
Financial intermediation	1	0	0	0	1	1	0	0	0	3	0	0	0	1	0	0	2	3
Real Estate, renting & business activities	2	1	3	1	29	29	0	0	2	67	6	13	4	0	18	0	26	67
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	1	1	0	0	0	2	0	0	0	0	0	0	2	2
Health & social work	5	0	2	0	10	4	1	0	0	22	2	3	2	1	3	0	11	22
Other community, social & personal service activities	0	0	0	0	6	8	0	0	2	16	2	2	1	0	2	0	9	16
Private households with employed persons	0	0	0	0	0	1	0	0	1	2	0	1	0	0	1	0	0	2
Extra-territorial organisations & bodies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	412	30	314	98	1,253	856	43	1	130	3,137	332	447	219	283	199	1	1,656	3,137

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



Central Statistics Office, LIC Building, John Kennedy Street, Port Louis
Tel : 212 2316/7, Fax : 211 4150
Email : cso@mail.gov.mu, Web Site : <http://statsmauriti.us.gov.mu>