

Vol. 15



**REPUBLIC OF MAURITIUS**

**Ministry of Economic Development, Productivity and Regional Development**

**CENTRAL STATISTICAL OFFICE**

**DIGEST**

OF

**ROAD TRANSPORT**

AND

**ROAD ACCIDENT STATISTICS**

**1999**

**September 1999**

**(Price Rs. 75.00)**

**DIGEST**

**OF**

**ROAD TRANSPORT**

**AND**

**ROAD ACCIDENT STATISTICS**

**1999**

# **Digest of Road Transport and Road Accident Statistics - 1999**

## **FOREWORD**

This is the fifteenth issue of the Digest of Road Transport and Road Accident Statistics published by the Central Statistical Office.

This digest deals with all available statistics on road transport and road traffic accidents relating to the island of Mauritius. It thus contains information on different types of vehicles, public bus operations and road traffic accidents.

Data on vehicles have been compiled from the register of the National Transport Authority (NTA), and those on road traffic accidents were collected from all police stations through a specially designed form.

The figures published are the latest available as at the end of May 2000. Some of the figures are therefore provisional and subject to revision in later issues. Figures in successive issues of the digest supersede those appearing in previous ones.

It is hoped that the data presented in this report will be of valuable help to the public in general and to planners and policy-makers in particular.

The co-operation and assistance of the National Transport Authority, the Traffic Management Unit of the Ministry of Land Transport, Shipping and Port Development and the Police Department in the publication of this digest, are herewith gratefully acknowledged.

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**September 2000**

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(i)

## Vehicle Statistics<sup>1/</sup>

### Definitions

Definitions as stipulated in Section 4 of Road Traffic Act of 1962 for types of vehicles .

#### 1. Heavy Motor Car

That is to say, mechanically propelled vehicles, other than vehicles classified under this section as motor cars, which are constructed themselves to carry a load or passengers and whose unladen weight exceeds 2½ tons.

#### 2. Dual-purpose Vehicle

Means a vehicle, constructed or adapted for the carriage both of passengers and of goods or burden of any description whose unladen weight does not exceed two tons and which either:-

(a) is so constructed or adapted that the driving power of the engine is, or by the appropriate use of the controls of the vehicle can be, transmitted to all the wheels of the vehicle; or

(b) satisfied the following conditions as to construction -

(i) the vehicle is permanently fitted with a rigid roof, with or without a sliding panel,

(ii) the area of the vehicle to the rear of the driver's seat is -

(A) permanently fitted with at least one row of transverse seats (fixed or folding) for 2 or more passengers and those seats are properly sprung and cushioned and provided with upholstered back-rests, attached either to the seats or to a side or the floor of the vehicle;

and

(B) lit on each side and at the rear by a window or windows of glass or other transparent material having an area or aggregate area of not less than 2 square feet on each side and not less than 120 square inches on the rear.

(iii) the distance between the rearmost part of the steering wheel and the backrests of the row of transverse seats satisfying the requirements specified in subparagraph (ii) (A) (or, where there is more than one row of seats, the distance between the rearmost part of the steering wheel and the backrests of the rearmost row) is, when the seats are ready for use, not less than one-third of distance between the rearmost part of the steering wheel and the rearmost part of the floor of the vehicle.

#### 3. Motor Cycles

That is to say, mechanically propelled vehicles, other than auto-cycles or vehicles classified under this section as invalid carriages, with not more than 4 wheels and whose unladen weight does not exceed 400 kilograms.

<sup>1/</sup> excludes pedal cycles

**4. Auto-Cycles**

That is to say, bicycles which have pedals and a motor attached which can be propelled by means of those pedals any by mechanical or electrical power from that motor and the swept volume of the cylinders of that motor does not exceed 50 cubic centimetres.

**5. Motor Tractor**

That is to say, mechanically propelled vehicles which are not constructed themselves to carry any load and whose unladen weight does not exceed 7¼ tons.

**6. Trailer**

(a) means a vehicle which has no independent motive power of its own and which is drawn or designed to be drawn, by a motor vehicle,

(b) does not include a sidecar attached to a motor cycle, not a farm implement that is not constructed or adapted for the conveyance of goods or burden of any description.

**7. Weight Unladen**

means the weight of a vehicle which:-

(a) includes the body and all parts (the heavier being taken where alternative bodies or parts are used) which are necessary to or ordinarily used with the vehicle when working on a road;

(b) excludes the weight of water, fuel or accumulators used for the purpose of the supply of power for the propulsion of vehicle or of loose tools and loose equipment.

\*\*\*\*\*



## **Road Traffic Accidents**

### **Definitions**

**1. Accidents**

Accidents refer to all road accidents reported at Police Stations.

**2. Casualties**

The total number of fatalities and injuries resulting from road accidents.

**3. Fatal**

Death occurring within seven days as a result of road accidents.

**4. Injuries**

The reported number of persons seriously or slightly injured in road accidents.

**(i) Serious Injury**

An injury for which a person is detained in hospital as an "in-patient" or any of the following injuries whether or not he is detained in hospital.

- (a) fractures
- (b) concussions
- (c) internal injuries
- (d) severe cuts and lacerations
- (e) crushings
- (f) severe general shock requiring medical treatment

**(ii) Slight Injury**

An injury of minor character such as:

- (a) sprain
- (b) bruise
- (c) cut not judged to be severe

**5. Severity of accident**

Each accident is classified according to the degree of injury sustained most by the road users, namely, Fatal, Serious, Slight or No injury.

\*\*\*\*\*

## NOTES

### ABBREVIATIONS

No.	:	Number
000	:	Thousand
%	:	Percentage
km	:	Kilometre
sq	:	square
M/ton	:	Metric ton : 1,000 kilos
Mn	:	Million
Rs	:	Rupees
c.i.f	:	Cost, insurance and freight
n.e.s	:	Not elsewhere specified
L	:	Litre

### SYMBOLS

--	Nil or negligible
--	Not available

\*\*\*\*\*

## **Road Transport and Road Traffic Accident Statistics (Island of Mauritius)**

**Year 1999**

### **1. Vehicles registered as at December 1999**

The number of vehicles registered with the National Transport Authority (N.T.A) as at end December 1999 was 233,415. This shows a net increase of 11,071 vehicles (5%) as compared to December 1998 when the number of registered vehicles stood at 222,344.

The composition of the fleet by type of vehicle shows that around 48% (112,946) were motorized two-wheelers, 36% (85,154) were cars and dual purpose vehicles while the remaining 16% comprised vans (16,814), lorries and trucks (10,138), buses (2,344) and other vehicles (6,019). (Table 1.2)

### **2. Net increase during 1999**

Between January and December 1999, the fleet was strengthened with the registration of some 15,386 vehicles, of which 66% (10,122) were new, 16% (2,525) were imported second-hand and the remaining 18% (2,739) consisted of re-registered vehicles. However, during the same period about 4,315 vehicles were put off the road, so that the effective addition to the fleet during 1999 was 11,071 vehicles. (Table 1.3 to 1.5)

### **3. Vehicles used for the transport of passengers**

#### **3.1 *Cars and dual purpose vehicles***

During the year 1999, some 6,120 cars and dual purpose vehicles (3,651 new, 1,580 imported second-hand and 889 re-registered) were registered, while around 1,544 were put off the road. This, net increase of 4,576 (5.7%) brought the total number of cars and dual purpose vehicles to 85,154 in December 1999.

Table 1.3 shows that 36 % of the fleet were under 5 years, 27 % between 5 and 10 years and the remaining 37 % were 10 years and above.

#### **3.2 *Buses***

Out of a total of 2,344 buses, 1,715 (73%) were 'public' buses, operating with a Road Service License. The age distribution of the fleet of public buses as given in Table 1.4, shows that 28 % of the buses were under 5 years, 39 % between 5 and 10 and 33 % were 10 years and over.

#### **4. Road traffic accidents**

The number of road accidents reported at police stations, which was 18,055 in 1998, decreased by 1 % to 17,877 in 1999. The rate of accidents thus decreased from 1605 to 1570 per 100,000 population. Similarly, the rate per 1,000 registered motor vehicles dropped from 83 to 80.

The majority of accidents (15,286 or 86%), did not entail any injury to the persons involved; another 2,241 resulted in only slight injuries, while 196 caused serious injuries and 154 were fatal. Compared to 1998 an increase of 1.3% is noted in "fatal cases", whereas the other two types, i.e "serious injury" cases and "slight injury" cases, showed decreases of 14% and 12% respectively.

#### **5. Vehicles involved in road accidents**

The total number of vehicles involved in road accidents during 1999 numbered 32,995 as compared to 33,001 in 1998.

The number of motor vehicles involved in accidents (98.6% of total vehicles involved) decreased slightly (less than 1%) from 32,568 in 1998 to 32,547 in 1999. Private cars, vans and motor/auto cycles together accounted for nearly 77 % of all vehicles involved representing 45.9 %, 18.5% and 12.4% respectively. More details are given in table 2.3.

#### **6. Casualties**

The total number of casualties reported, which as shown in table 2.4, was 3,828 in 1998, declined by 11% to 3,405 in 1999. Out of these casualties, 170 were fatal cases, 237 were seriously injured and the remaining 2,998 were only slightly injured. The fatality rate per 100,000 population rose from 14.4 in 1998 to reach 14.9 in 1999. The fatality rate per 1,000 registered motor vehicles, went up from 0.7 in 1998 to 0.8 in 1999.

The most vulnerable road users were riders of motor cycles/auto cycles and pedestrians, accounting for 29.8% and 28.3% of total casualties respectively.

#### **7. Hit and run cases**

There were 351 "hit and run" cases reported at police stations in 1999. Of these 299 involved only vehicles while the remaining 52 involved vehicles and pedestrians.

**SUMMARY DATA (Island of Mauritius)**

		<b>1998</b>	<b>1999</b>	
(1) Population (mid-year)		1,124,508	1,138,969	
(2) Area of Mauritius (sq km)		1,865	1,865	
(3) Length of roads (km)		1,910	1,910	
(4) Gross National Product (at market price) - Republic of Mauritius	(Rs million)	97,081	105,911	
		<b>1998</b>	<b>1999</b>	<b>% Change</b>
(5) Vehicles on register :		<b>222,344</b>	<b>233,415</b>	<b>+5.0</b>
Motor cycle and auto cycle		109,143	112,946	+3.5
Car and dual purpose vehicle		80,578	85,154	+5.7
Other		32,623	35,315	+8.3
(6) Road Accidents recorded :		<b>18,055</b>	<b>17,877</b>	<b>(- 1.0)</b>
Fatal		152	154	+1.3
Serious injury		229	196	(- 14.4)
Other injury		2,557	2,241	(-12.4)
Non injury		15,117	15,286	+1.1
(7) Vehicles involved in road accidents :		<b>32,568</b>	<b>32,547</b>	<b>(- 0.1)</b>
(8) Casualties reported in road accidents :		<b>3,828</b>	<b>3,405</b>	<b>(- 11.1)</b>
Fatal		162	170	+ 4.9
Seriously injured		281	237	(- 15.7)
Other injured		3,385	2,998	(- 11.4)

PART I

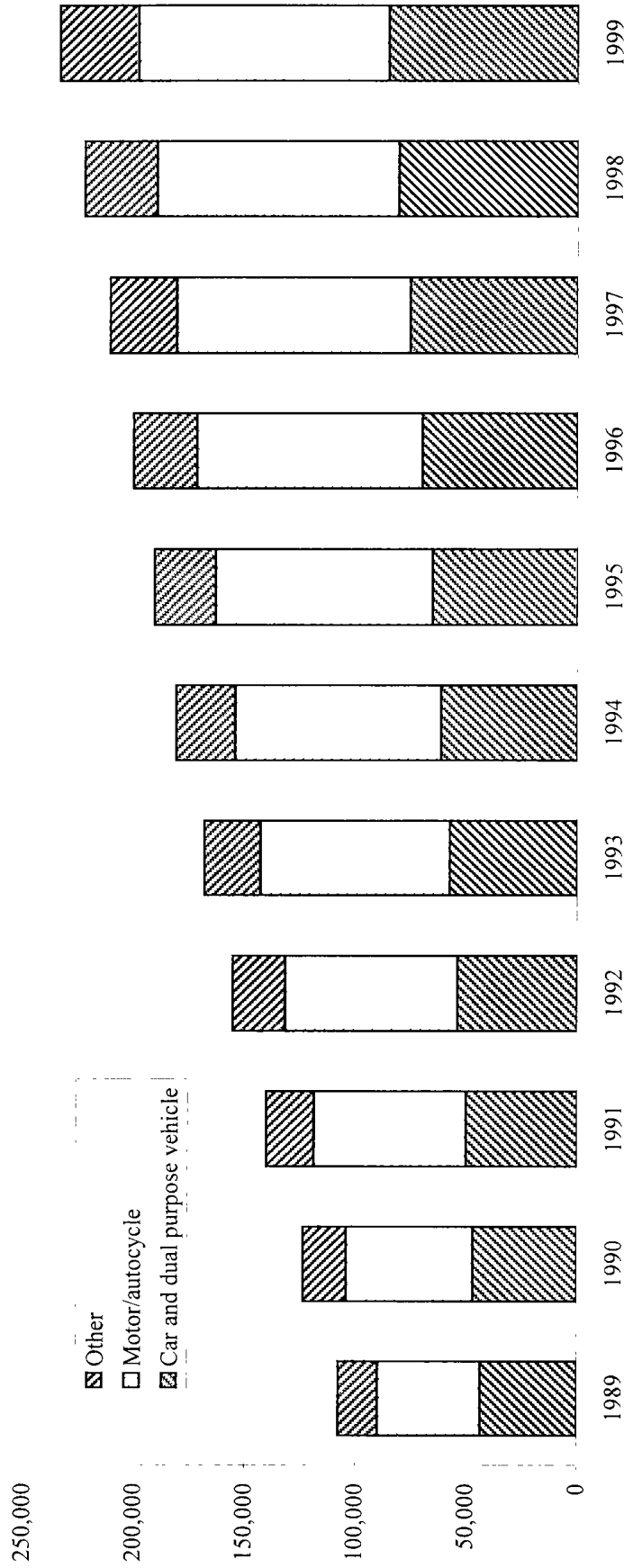
VEHICLE  
STATISTICS

**Table 1.1 - Road network, 1995 - 1999**

As at end of .....	Length of roads (km)					% of roads paved	Density of total network in km per sq km <sup>1</sup>	Number of vehicles per km of road
	Motorways	Main roads	Secondary roads	Other roads	Total			
<b>1995</b>	31	902	582	384	<b>1,899</b>	93	1.02	101
<b>1996</b>	31	902	582	390	<b>1,905</b>	95	1.02	105
<b>1997</b>	31	902	582	390	<b>1,905</b>	95	1.02	111
<b>1998</b>	36	902	582	390	<b>1,910</b>	96	1.02	114
<b>1999</b>	36	902	582	390	<b>1,910</b>	96	1.02	122

<sup>1</sup> density of total network in km per sq. km is the ratio of the total number of km of roads to the area of Mauritius (1,865 sq. km)

Fig. 1.1 - Stock of registered vehicles, 1989 - 1999



Type of vehicle	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Car and dual purpose vehicle	43,379	46,793	50,016	53,942	57,393	61,378	65,374	69,945	75,440	80,578	85,154
Motor cycle and autocycle	46,404	57,094	68,574	77,739	85,540	92,970	97,809	101,754	105,406	109,143	112,946
Other	17,730	19,658	21,664	23,639	25,225	26,536	27,684	28,621	30,076	32,623	35,315
<b>Total</b>	<b>107,513</b>	<b>123,545</b>	<b>140,254</b>	<b>155,320</b>	<b>168,158</b>	<b>180,884</b>	<b>190,867</b>	<b>200,320</b>	<b>210,922</b>	<b>222,344</b>	<b>233,415</b>



**Table 1.2 - Vehicles<sup>1</sup> registered, 1989 - 1999**

Type of vehicle	Number										
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Car ( of which taxi car )	31,919 (3,464)	33,916 (3,715)	35,673 (3,965)	37,696 (4,014)	39,511 (4,050)	41,355 (4,311)	43,288 (4,439)	45,563 (4,673)	48,390 (4,721)	51,051 (4,761)	52,892 (4,905)
Dual purpose vehicle	11,460	12,877	14,343	16,246	17,882	20,023	22,086	24,382	27,050	29,527	32,262
Heavy motor car	624	695	766	799	826	848	898	922	934	945	934
Motor cycle	10,560	11,937	14,740	16,880	18,829	20,461	21,492	22,230	22,839	23,577	24,125
Auto cycle	35,844	45,157	53,834	60,859	66,711	72,509	76,317	79,524	82,567	85,566	88,821
Lorry and truck	5,906	6,564	7,226	7,776	8,166	8,559	8,815	9,058	9,356	9,750	10,138
Van	5,600	6,637	7,602	8,749	9,663	10,292	10,851	11,434	12,469	14,508	16,814
Bus	1,858	1,929	2,021	2,097	2,217	2,276	2,362	2,348	2,359	2,367	2,344
Tractor and dumper	2,078	2,156	2,274	2,356	2,413	2,478	2,546	2,580	2,615	2,627	2,630
Prime mover	182	185	197	212	228	249	256	262	278	297	315
Trailer	1,151	1,155	1,231	1,288	1,333	1,428	1,534	1,597	1,640	1,703	1,719
Road roller	98	94	96	100	106	106	107	106	108	105	102
Other	233	243	251	262	273	300	315	314	317	321	319
<b>TOTAL</b>	<b>107,513</b>	<b>123,545</b>	<b>140,254</b>	<b>155,320</b>	<b>168,158</b>	<b>180,884</b>	<b>190,867</b>	<b>200,320</b>	<b>210,922</b>	<b>222,344</b>	<b>233,415</b>

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

**Table 1.3 - New vehicles<sup>1</sup> registered , 1995 - 1999**

Type of vehicle	1995	1996	1997	1998	1999
<b>Car</b>	1,477	1,457	2,141	2,129	1,682
<b>Dual purpose vehicle</b>	1,325	1,268	1,758	1,846	1,969
<b>Heavy motor car</b>	45	45	33	41	25
<b>Motor cycle</b>	1,164	831	768	851	721
<b>Auto cycle</b>	4,126	3,397	3,235	3,227	3,502
<b>Lorry and truck</b>	274	188	218	271	264
<b>Van</b>	609	625	1,029	1,778	1,797
<b>Bus</b>	204	99	110	111	72
<b>Tractor and dumper</b>	82	60	66	40	30
<b>Prime mover</b>	6	7	9	16	16
<b>Trailer</b>	63	49	49	63	40
<b>Road roller</b>	3	1	3	--	1
<b>Other <sup>2</sup></b>	13	4	3	6	3
<b>Total</b>	<b>9,391</b>	<b>8,031</b>	<b>9,422</b>	<b>10,379</b>	<b>10,122</b>

<sup>1</sup> includes government vehicles

<sup>2</sup> includes, inter alia , tanker lorries, excavators and industrial tractors

**Table 1.4 - Second-hand vehicles<sup>1</sup> registered, 1995 - 1999**

Type of vehicle	1995	1996	1997	1998	1999
<b>Car</b>	1,675	1,976	1,855	1,683	1,328
<b>Dual purpose vehicle</b>	1,008	1,300	1,212	971	1,141
<b>Heavy motor car</b>	28	27	23	9	16
<b>Motor cycle</b>	387	395	378	452	396
<b>Auto cycle</b>	1,059	1,097	1,219	1,163	1,143
<b>Lorry and truck</b>	239	269	269	340	370
<b>Van</b>	185	180	223	512	786
<b>Bus</b>	1	3	2	2	4
<b>Tractor and dumper</b>	30	25	18	20	18
<b>Prime mover</b>	10	11	19	17	19
<b>Trailer</b>	90	71	55	62	45
<b>Road roller</b>	--	--	--	--	--
<b>Other <sup>2</sup></b>	6	1	1	2	--
<b>Total</b>	<b>4,718</b>	<b>5,355</b>	<b>5,274</b>	<b>5,233</b>	<b>5,266</b>

<sup>1</sup> refers to imported second-hand vehicles as well as to the re-registration of vehicles previously put off the road

Excludes government vehicles which are not liable to re-registration

<sup>2</sup> includes, inter alia, tanker lorries, excavators and industrial tractors

**Table 1.5 - Vehicles off the road<sup>1</sup>, 1995 - 1999**

Type of vehicle	1995	1996	1997	1998	1999
<b>Car</b>	1,219	1,158	1,169	1,151	1,169
<b>Dual purpose vehicle</b>	270	272	302	340	375
<b>Heavy motor car</b>	23	48	44	39	52
<b>Motor cycle</b>	520	488	536	565	569
<b>Auto cycle</b>	1,377	1,287	1,411	1,391	1,390
<b>Lorry and truck</b>	257	214	189	217	245
<b>Van</b>	235	222	217	251	275
<b>Bus</b>	119	116	101	105	99
<b>Tractor and dumper</b>	44	51	49	48	45
<b>Prime mover</b>	9	12	12	14	17
<b>Trailer</b>	47	57	61	62	69
<b>Road roller</b>	2	2	2	3	4
<b>Other <sup>2</sup></b>	4	6	1	4	6
<b>Total</b>	<b>4,126</b>	<b>3,933</b>	<b>4,094</b>	<b>4,190</b>	<b>4,315</b>

<sup>1</sup> a vehicle may be withdrawn from the register of vehicles ( off the road ) either temporarily or permanently. Any such vehicle (except a government vehicle) must register with the N.T.A. before it is put on the road again.

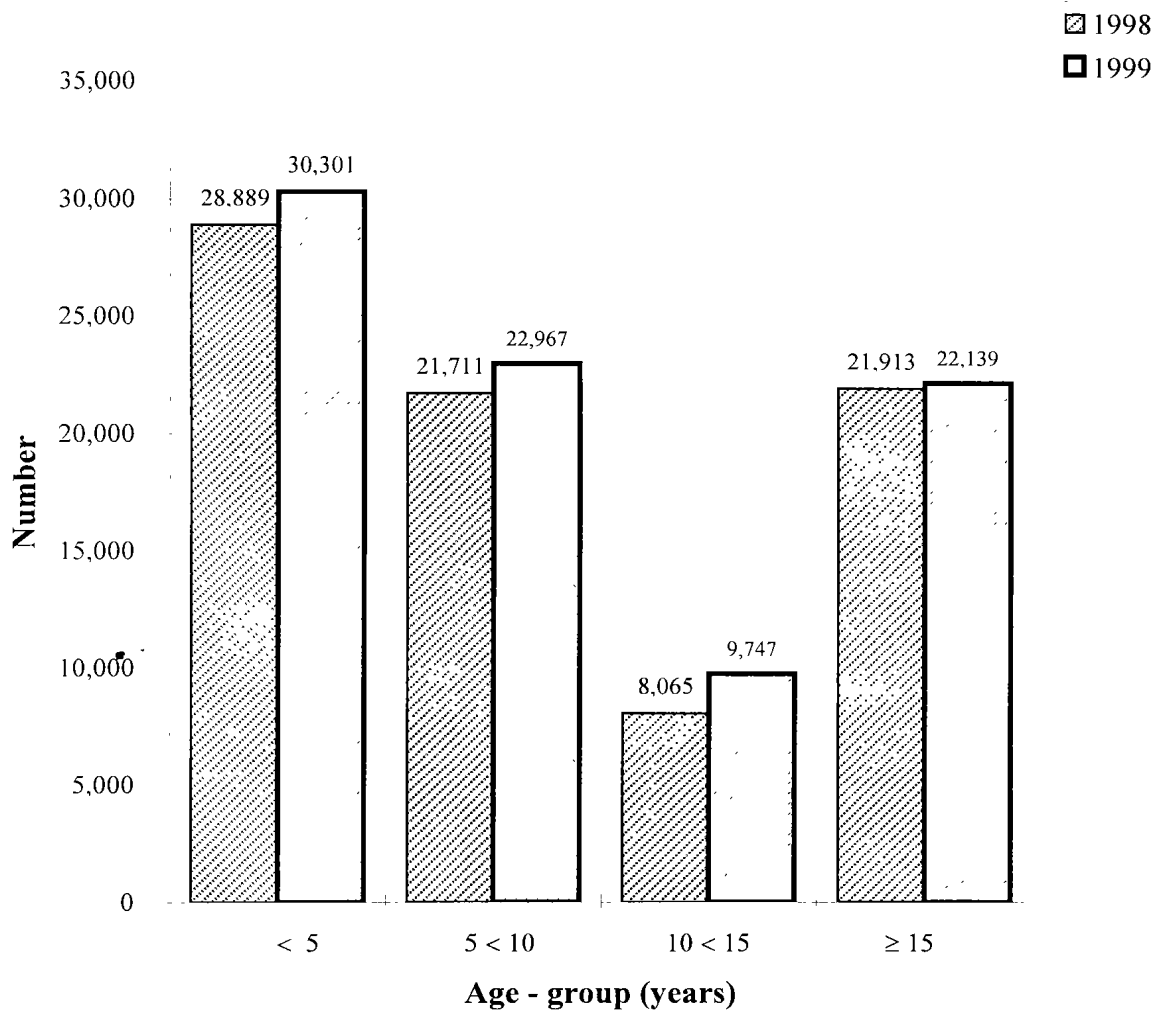
Includes government vehicles which have been sold by auction.

<sup>2</sup> includes , inter alia , tanker lorries , excavators and industrial tractors

**Table 1.6 - Age composition of cars and dual purpose vehicles , 1998 - 1999**

Age group (Years)	as at 31st December 1998		as at 31st December 1999	
	Number	%	Number	%
< 5	28,889	36	30,301	36
5 < 10	21,711	27	22,967	27
10 < 15	8,065	10	9,747	11
≥ 15	21,913	27	22,139	26
<b>TOTAL</b>	<b>80,578</b>	<b>100</b>	<b>85,154</b>	<b>100</b>

**Fig. 1.2 - Age composition of cars and dual purpose vehicles  
(as at 31st December)**

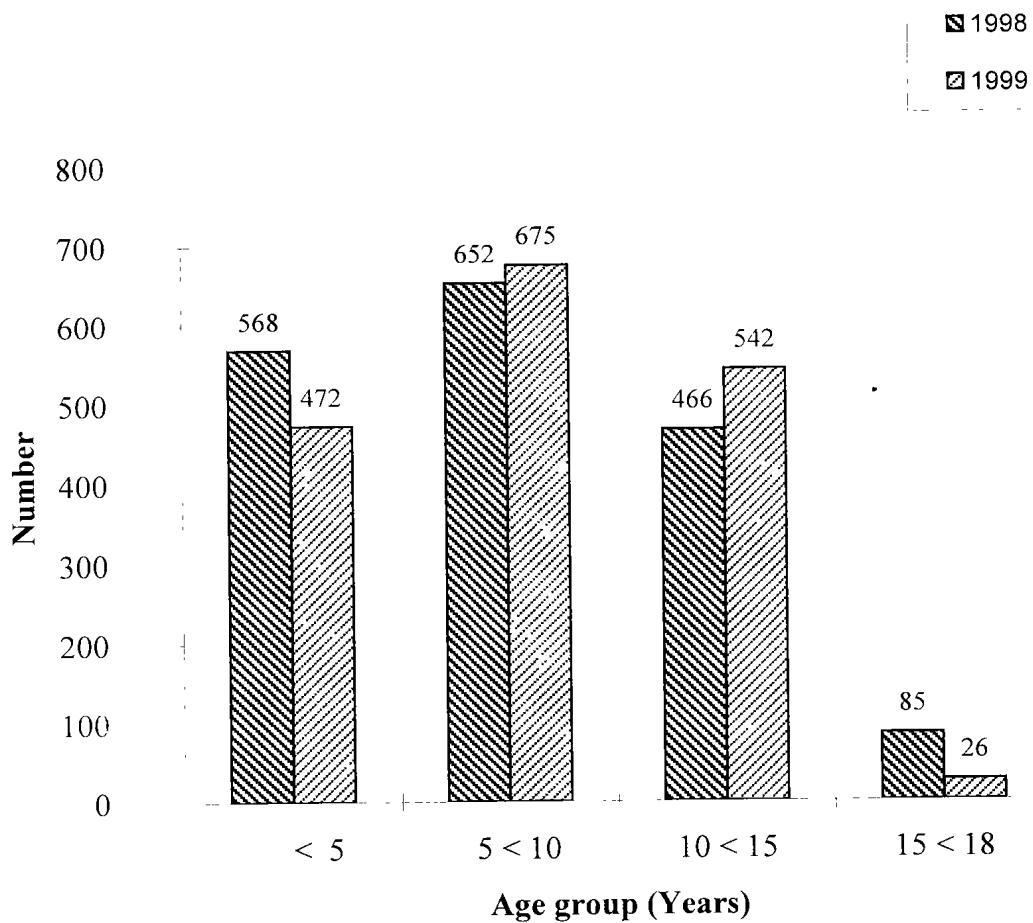


**Table 1.7 - Age composition of operational bus fleet <sup>1</sup>, 1998 - 1999**

Age group (Years)	as at 31st December 1998		as at 31st December 1999	
	Number	%	Number	%
< 5	568	32	472	28
5 < 10	652	37	675	39
10 < 15	466	26	542	31
15 < 18	85	5	26	2
<b>TOTAL</b>	<b>1,771</b>	<b>100</b>	<b>1,715</b>	<b>100</b>

<sup>1</sup> Refers only to buses with a Road Service Licence, i.e, buses which operate on proclaimed routes and charge individual fares

**Fig. 1.3 - Age composition of operational bus fleet vehicles  
(as at 31st December)**



**Table 1.8 - Bus operational statistics<sup>1</sup>, 1995 - 1999**

	Unit	1995	1996	1997	1998 <sup>2</sup>	1999 <sup>3</sup>
<b>Operational bus fleet ( as at 30th June )</b>	Number	1,767	1,733	1,753	1,768	1,734
<b>Total vehicle - journeys</b>	Thousand	4,074	4,191	4,252	4,227	4,267
<b>Average vehicle - journeys per day</b>	"	7.7	7.9	8.0	8.0	8.1
<b>Total vehicle - kilometres</b>	"	80,736	82,160	80,113	80,973	83,361
<b>Average vehicle - kilometres per day</b>	"	152	158	152	153	160
<b>Total gross receipts</b>	Rs Mn	1325	1330	1437	1420	1442
<b>Average gross receipts per day</b>	Rs '000	4,077	4,092	4,422	4,369	4,437

<sup>1</sup> refer only to buses with a Road Service Licence, i.e., buses which operate on proclaimed routes and charge individual fares. Including data on special trips.

<sup>2</sup> revised

<sup>3</sup> provisional

**Table 1.9 - Evolution of bus fares (adults), 1990 - 1999**

<b>Period</b> <b>Stage</b>	<b>Sept. 90</b>	<b>May. 92</b>	<b>Aug. 94</b>	<b>Jan. 97</b>	<b>Nov. 99</b>
1	2.00	2.00	3.00	3.00	4.00
2	2.00	3.00	4.00	6.00	7.00
3	3.00	4.00	5.00	7.00	9.00
4	3.00	4.00	5.00	7.00	9.00
5	4.00	5.00	7.00	9.00	11.00
6	4.00	5.00	7.00	9.00	11.00
7	5.00	6.00	8.00	10.00	12.00
8	5.00	6.00	8.00	10.00	12.00
9	6.00	7.00	9.00	11.00	13.00
10	6.00	7.00	9.00	11.00	13.00
11	6.00	7.00	9.00	11.00	13.00
12	6.00	7.00	9.00	11.00	13.00
13	7.00	8.00	10.00	12.00	14.00
14	7.00	8.00	10.00	12.00	14.00
15	7.00	8.00	10.00	12.00	14.00
16	7.00	8.00	10.00	12.00	14.00
17	7.00	8.00	10.00	12.00	14.00
18	7.00	8.00	10.00	12.00	14.00
19	7.00	8.00	10.00	12.00	14.00
20	7.00	8.00	10.00	12.00	14.00
21	8.00	9.00	11.00	13.00	15.00
22	8.00	9.00	11.00	13.00	15.00
23	8.00	9.00	11.00	13.00	15.00
24	8.00	9.00	11.00	13.00	15.00
25	8.00	9.00	11.00	13.00	15.00
26	8.00	9.00	11.00	13.00	15.00
27	8.00	9.00	11.00	13.00	15.00
28	8.00	9.00	11.00	13.00	15.00
29	8.00	9.00	11.00	13.00	15.00
30	8.00	9.00	11.00	13.00	15.00
30 +	9.00	10.00	12.00	14.00	16.00



Table 1.10 - Revenue of the National Transport Authority, 1995 - 1999

(Thousand Rupees)

Source of revenue	As at end of December				
	1995	1996	1997	1998	1999
Motor vehicle licences ( Road tax )	237,317	249,422	276,081	299,894	315,884
Examination of vehicles	7,657	9,271	10,132	10,210	11,309
Public service vehicle and carrier's licences	11,668	12,168	14,271	13,577	14,150
Registration of vehicles	8,831	11,049	13,907	15,700	16,747
Issue of special route permits	1,213	1,139	1,170	1,009	1,784
Motor vehicles dealers and petrol service station licences	922	939	989	1,017	915
<b>Total</b>	<b>267,608</b>	<b>283,988</b>	<b>316,550</b>	<b>341,407</b>	<b>360,789</b>

**Table 1.11 - Driving licences issued during the year by type of licence, 1990 - 1999**

Year	Learner's licence			Competent licence			International Licence		
	First issue			First issue			Male	Female	Both Sexes
	Male	Female	Both Sexes	Male	Female	Both Sexes			
1990	14,743	970	15,713	12,411	1,055	13,466	3,465	570	4,035
1991	15,000	1,000	16,000	10,769	5,385	16,154	2,499	1,250	3,749
1992	7,207	3,603	10,810	1,844	921	2,765	1,910	956	2,866
1993	7,596	4,722	12,318	3,372	1,241	4,613	2,479	395	2,874
1994	11,840	5,230	17,070	6,931	1,016	7,947	2,526	435	2,961
1995	12,497	4,022	16,519	8,753	1,213	9,966	2,473	410	2,883
1996	9,681	4,690	14,371	7,596	1,467	9,063	2,920	331	3,251
1997	9,896	5,403	15,299	7,273	2,215	9,488	2,685	472	3,157
1998	12,052	4,099	16,151	9,358	1,768	11,126	2,902	420	3,322
1999 <sup>1</sup>	12,622	6,310	18,932	13,299	2,183	15,482	3,237	515	3,752

<sup>1</sup> Provisional

**Table 1.12 - Imports of vehicles and spare parts by country of origin, 1998 - 1999**

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

Item	Country of origin	Unit	1998 <sup>1</sup>		1999 <sup>2</sup>	
			Quantity	Value	Quantity	Value
1 - Passenger motor cars - of engine capacity not exceeding 1,150 c.c.	France	No.	221	32,721	491	75,696
	India	"	158	15,988	206	20,066
	Italy	"	18	2,454	53	7,771
	Japan	"	36	3,274	15	1,590
	Malaysia	"	44	4,048	143	15,690
	Spain	"	148	24,435	154	25,016
	United Kingdom	"	58	9,856	43	7,476
	Other Countries	"	1	43	10	1,161
				<b>684</b>	<b>92,819</b>	<b>1,115</b>
- of engine capacity exceeding 1,150 c.c. but not exceeding 1,400 c.c.	France	No.	220	43,368	383	75,155
	Germany	"	69	13,097	132	27,901
	Italy	"	113	20,612	21	4,503
	Japan	"	1,329	213,418	1,153	219,283
	Korea Rep.	"	43	7,222	71	10,698
	Malaysia	"	147	18,049	155	23,500
	South Africa Rep.	"	55	8,320	25	3,945
	Spain	"	97	18,084	68	13,062
	United Kingdom	"	124	30,234	99	24,131
Other Countries	"	30	4,717	19	3,948	
			<b>2,227</b>	<b>377,121</b>	<b>2,126</b>	<b>406,126</b>

<sup>1</sup> Revised

<sup>2</sup> Provisional

**Table 1.12 - Imports of vehicles and spare parts by country of origin, 1998 - 1999 (cont'd)**

Item	Country of origin	Unit	1998 <sup>1</sup>		1999 <sup>2</sup>	
			Quantity	Value	Quantity	Value
			(C.I.F. Value Rs ' 000 )			
- of engine capacity exceeding 1,400 c.c. but not exceeding 1,850 c.c.	Belgium	No.	34	10,964	9	2,949
	France	"	125	33,132	114	33,903
	Germany	"	135	50,082	368	144,902
	Japan	"	280	53,728	1,040	199,037
	Korea Rep.	"	7	1,403	19	3,364
	Malaysia	"	4	719	28	4,879
	Netherlands	"	44	11,137	25	7,533
	South Africa Rep.	"	49	17,375	264	107,362
	United Kingdom	"	158	45111	287	84466
	Other Countries	"	23	6,942	31	8,444
			<b>859</b>	<b>230,593</b>	<b>2,185</b>	<b>596,839</b>
- of engine capacity exceeding 1,850 c.c.	France	No.	12	2,865	6	1,208
	Germany	"	155	124,006	98	87,072
	India	"	75	22,904	2	678
	Japan	"	639	125,818	217	87,351
	South Africa Rep.	"	10	3,641	16	6,825
	United Kingdom	"	69	29,659	12	4,998
	Spain	"	60	24,852	3	1,342
	Other Countries	"	29	7,181	5	2,029
			<b>1,049</b>	<b>340,926</b>	<b>359</b>	<b>191,503</b>

<sup>1</sup> Revised

<sup>2</sup> Provisional

**Table 1.12 - Imports of vehicles and spare parts by country of origin, 1998 - 1999 (cont'd)**

Item	Country of origin	Unit	1998 <sup>1</sup>		1999 <sup>2</sup>	
			Quantity	Value	Quantity	Value
			(C.I.F. Value Rs '000)			
- other, unspecified	Japan	"	116	40,016	113	34,321
	India	"	7	1,352	25	5,786
	United States	"	55	15,490	45	17,082
	United Kingdom	"	35	18,328	157	76,254
	Other Countries	"	7	1,229	6	2,619
			<b>220</b>	<b>76,415</b>	<b>346</b>	<b>136,062</b>
2 - Trucks and lorries, trucks of pick-up type, vans designed solely for the types which are not derived solely from ordinary passenger	France	No.	37	7,775	107	21,023
	Germany Fed. Rep.	"	23	5,536	29	6,306
	India	"	84	18,872	24	5,058
	Japan	"	1,424	340,718	1,344	344,362
	Korea Rep.	"	18	3,085	48	9,511
	Malaysia	"	30	4,582	54	6,156
	South Africa Rep.	"	69	20,834	1	511
	Spain	"	24	6,310	71	17,543
	United Kingdom	"	19	6,414	21	4,750
	Other Countries	"	13	8,245	7	6,260
			<b>1,741</b>	<b>422,371</b>	<b>1,706</b>	<b>421,480</b>

<sup>1</sup> Revised

<sup>2</sup> Provisional

**Table 1.12 - Imports of vehicles and spare parts by country of origin, 1998 - 1999 (cont'd)**

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

Item	Country of origin	Unit	1998 <sup>1</sup>		1999 <sup>2</sup>	
			Quantity	Value	Quantity	Value
3 - Public service type passenger motor vehicle	India	No.	16	12,791	6	6,332
	Japan	"	339	107,283	463	172,941
	Germany	"	4	1,957	8	3,868
	Korea Rep.	"	27	8,935	73	23,919
	Other countries	"	1	2,199	1	263
			<b>387</b>	<b>133,165</b>	<b>551</b>	<b>207,323</b>
4 - Road tractors for semi-trailers	France	No.	3	4,976	1	4,976
	Japan	"	2	1,473	2	1,473
	United Kingdom	"	7	4,414	7	4,414
	Netherlands	"	6	11,062	1	11,062
	Taiwan	"	--	--	1	321
			<b>18</b>	<b>21,925</b>	<b>12</b>	<b>22,246</b>
5 - Dumpers	China	"	12	873	11	738
	Italy	"	2	547	1	287
	South Africa Rep.	"	2	1,077	2	945
	Spain	"	3	673	6	1,261
	United Kingdom	"	--	--	2	402
			<b>19</b>	<b>3,170</b>	<b>22</b>	<b>3,633</b>

<sup>1</sup> Revised

<sup>2</sup> Provisional



**Table 1.12 - Imports of vehicles and spare parts by country of origin, 1998 - 1999 (cont'd)**

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

Item	Country of origin	Unit	1998 <sup>1</sup>		1999 <sup>2</sup>	
			Quantity	Value	Quantity	Value
7 - Special purpose motor vehicles and vans	Austria	No.	1	2,826	--	--
	Canada	"	2	4,915	--	--
	France	"	7	15,637	7	10,767
	Germany	"	3	11,635	15	32,876
	India	"	--	--	1	101
	Italy	"	10	4,659	13	6,013
	Japan	"	25	13,921	25	24,665
	Madagascar	"	2	332	--	--
	South Africa Rep.	"	4	2,480	12	7,096
	Spain	"	1	103	--	--
	United Arab Emirates	"	--	--	1	386
	United Kingdom	"	57	42,411	26	30,979
	United States	"	3	7,373	1	1,650
			<b>115</b>	<b>106,292</b>	<b>101</b>	<b>114,533</b>

<sup>1</sup> Revised

<sup>2</sup> Provisional



**Table 1.12 - Imports of vehicles and spare parts by country of origin, 1998- 1999 (cont'd)**

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

Item	Country of origin	Unit	1998 <sup>1</sup>		1999 <sup>2</sup>	
			Quantity	Value	Quantity	Value
8 - Motor cycles, scooters and auto cycles	China	No.	8	119	211	2,048
	France	"	1,657	23,268	1,168	17,518
	India	"	660	5,105	927	7,796
	Italy	"	18	392	9	142
	Japan	"	1,153	29,555	2,135	63,413
	Korea Rep.	"	798	11,121	1,078	14,737
	Taiwan	"	105	2,099	339	6,070
	Turkey	"	--	--	330	3,367
	Other countries	"	48	1,519	6	54
				<b>4,447</b>	<b>73,178</b>	<b>6,203</b>
9 - Cycles not motorised	China	No.	18,546	13,289	23,572	15,690
	France	"	221	1,210	176	1,170
	Germany	"	28	183	21	48
	Hong Kong	"	1,915	1,094	5,360	6,326
	India	"	2,430	3,013	1,016	909
	Indonesia	"	--	--	6,354	11,558
	Israel	"	120	63	--	--
	Philippines	"	505	328	518	349
	Reunion	"	201	159	--	--
	Singapore	"	--	--	778	1,094
	South Africa Rep.	"	877	1,833	296	597
	Taiwan	"	24,230	29,643	20,075	25,370
	United Kingdom	"	84	195	74	219
	Other countries	"	222	569	159	373
		<b>49,379</b>	<b>51,579</b>	<b>58,399</b>	<b>63,703</b>	

<sup>1</sup> Revised

<sup>2</sup> Provisional

**Table 1.12 - Imports of vehicles and spare parts by country of origin, 1998 - 1999 (cont'd)**

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

Item	Country of origin	Unit	1998 <sup>1</sup>		1999 <sup>2</sup>		
			Quantity	Value	Quantity	Value	
10 - Chassis fitted with engines for tractors, and for motor vehicles	France	No.	--	--	6	12,245	
	India	"	109	24,480	212	40,309	
	Indonesia	"	2	211	32	19,272	
	Japan	"	2,016	567,790	2,879	889,206	
	Malaysia	"	4	1,246	42	17,649	
	South Africa Rep.	"	140	39,417	868	277,427	
	Thailand	"	98	29,871	630	216,463	
	United Kingdom	"	11	4,342	12	4,020	
				<b>2,380</b>	<b>667,357</b>	<b>4,681</b>	<b>1,476,591</b>
	11 - Parts and accessories for tractors and for motor vehicles	France	M/ton	114	22,409	142	24,272
Germany		"	56	15,789	104	22,406	
India		"	68	7,486	48	6,187	
Italy		"	27	6,425	21	5,183	
Japan		"	493	46,954	522	45,003	
Malaysia		"	87	5,633	115	5,172	
Singapore		"	44	2,874	49	2,254	
South Africa Rep.		"	93	11,736	81	7,545	
United Kingdom		"	319	23,255	262	21,252	
United States		"	33	8,707	22	8,502	
Other countries		"	85	13,215	110	16,098	
				<b>1,419</b>	<b>164,483</b>	<b>1,476</b>	<b>163,874</b>

<sup>1</sup> Revised

<sup>2</sup> Provisional

Table 1.12 - Imports of vehicles and spare parts by country of origin, 1998 - 1999

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

Item	Country of origin	Unit	1998 <sup>1</sup>		1999 <sup>2</sup>	
			Quantity	Value	Quantity	Value
12 - Parts n.e.s and accessories for motor cycles, scooters and autocycles	China	M/ton	41	1,887	33	1,549
	France	"	20	6,911	12	3,705
	Hong Kong	"	28	1,415	3	437
	India	"	41	3,192	66	3,934
	Italy	"	8	2,238	7	1,872
	Japan	"	22	4,335	26	7,066
	Malaysia	"	4	362	2	251
	Taiwan	"	59	4,647	62	4,608
	Turkey	"	3	608	5	830
	Other countries	"	3	603	7	920
			229	26,198	223	25,172

<sup>1</sup> Revised

<sup>2</sup> Provisional

PART II

ROAD  
ACCIDENTS

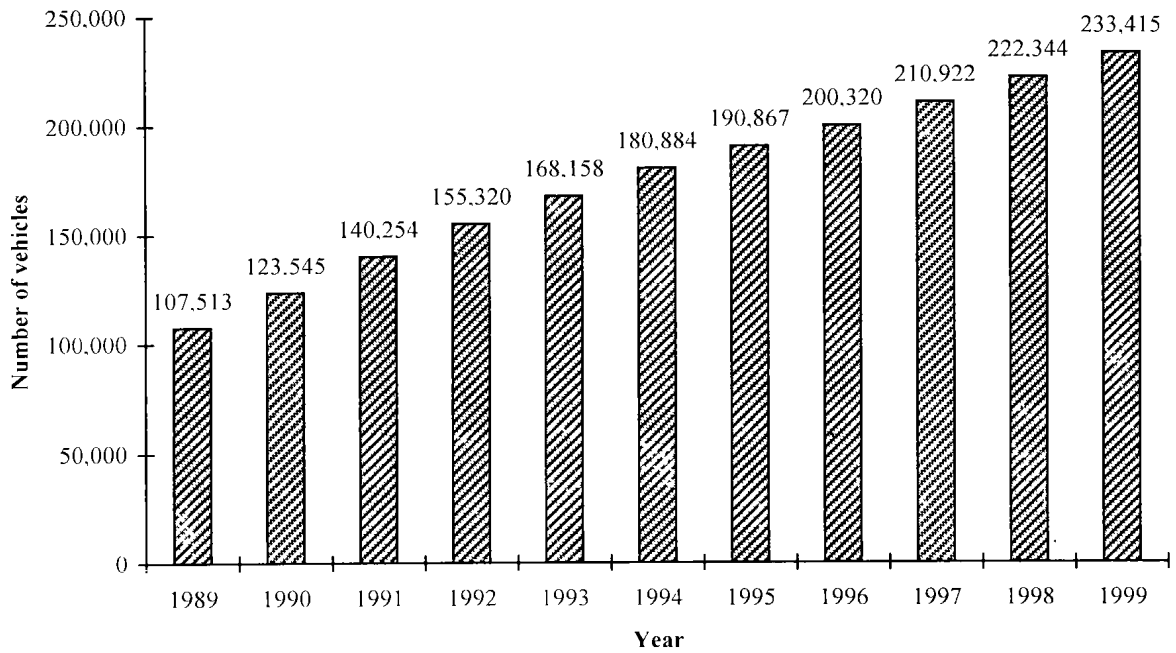
**Table 2.1 - Road traffic accidents <sup>1</sup> and casualties, 1989 - 1999**

	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>
<b>1. Road traffic accidents :</b>											
Number	9,085	10,316	13,439	14,371	14,562	15,727	14,683	14,845	15,954	18,055	17,877
Rate per 100,000 population	893	1,007	1,297	1,369	1,378	1,459	1,350	1,351	1,434	1,605	1,570
Rate per 1,000 registered motor vehicles	89	90	102	97	91	91	78	76	78	83	80
<b>2. Motor vehicle involved:</b>											
Number	15,489	17,562	22,835	24,549	25,240	27,203	25,584	26,270	28,561	32,568	32,547
Rate per 1,000 registered	152	153	173	166	156	156	137	134	139	150	146
<b>3. Casualties:</b>											
Total number of casualties	3,141	3,575	4,025	4,395	4,160	3,947	3,586	3,774	3,755	3,828	3,405
Fatal	130	144	168	119	157	154	173	153	146	162	170
Seriously injured	250	315	296	378	322	330	280	238	261	281	237
Slightly injured	2,761	3,116	3,561	3,898	3,681	3,463	3,133	3,383	3,348	3,385	2,998
<b>4. Fatality :</b>											
rate per 100,000 population	12.6	13.9	16.2	11.3	14.8	14.3	15.9	13.9	13.1	14.4	14.9
rate per 1,000 registered motor vehicle	1.3	1.3	1.3	0.8	1.0	0.9	0.9	0.8	0.7	0.7	0.8
index <sup>2</sup>	4.1	4.0	4.2	2.7	3.8	3.9	4.8	4.1	3.9	4.2	5.0

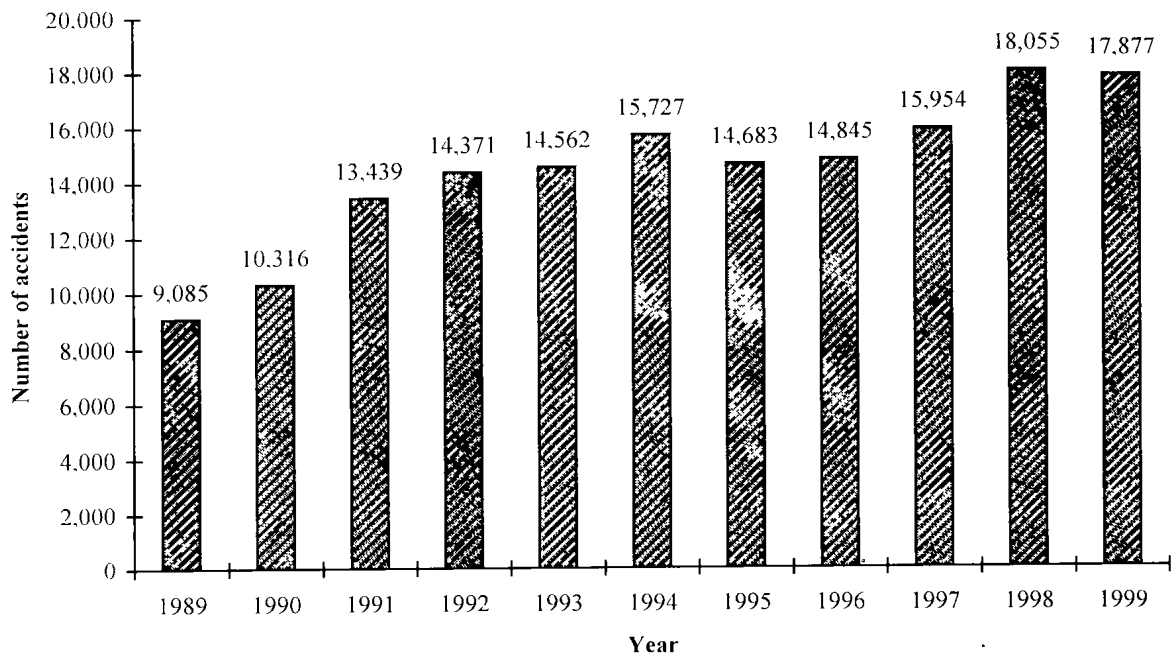
<sup>1</sup> Exclude number of accidents involving bicycles only

<sup>2</sup> Fatality index is the ratio of the number of fatalities to the total number of casualties expressed as a percentage

**Figure. 2.1 - Evolution of vehicles registered, 1989 - 1999**



**Figure. 2.2 - Evolution of road accidents, 1989 - 1999**



**Table 2.2 - Road traffic accidents, motor-vehicles involved and casualties, 1995 - 1999**

Year	Accidents	Motor - vehicles involved	Casualties	Number	
				Population (mid - year)	Motor - vehicles registered (mid - year)
1995	14,683	25,584	3,586	1,087,343	187,113
1996	14,845	26,270	3,774	1,098,668	195,581
1997	15,954	28,561	3,755	1,112,636	205,163
1998	18,055	32,568	3,828	1,124,508	216,187
1999	17,877	32,547	3,405	1,138,969	227,753

**Table 2.3 - Number of injuries by degree of injury and injury rate, 1995 - 1999**

Year	Degree of injury			Injury rate	
	Serious	Slight	Total injured	Per 100,000 population	Per 1,000 motor-vehicles
1995	280	3,133	3,413	314	18
1996	238	3,383	3,621	330	19
1997	261	3,348	3,609	324	18
1998	281	3,385	3,666	326	17
1999	237	2,998	3,235	284	14

**Table 2.4 - Accidents, motor-vehicles involved and casualties by police district, 1998 - 1999**

Police district	Accidents		Motor-vehicles involved		Pedestrians involved		Casualties	
	1998	1999	1998	1999	1998	1999	1998	1999
Port Louis (South)	2,894	2,786	5,452	5,339	140	87	294	182
Port Louis (North)	2,256	2,381	4,123	4,410	161	150	537	532
Pamplemousses/Rivière du Rempart	1,844	1,895	3,160	3,258	130	124	679	588
Moka/Flacq	2,635	2,340	4,673	4,172	155	144	645	564
Grand Port/Savanne	1,398	1,459	2,337	2,464	157	139	532	518
Upper Plaines Wilhems	2,837	2,888	5,215	5,394	158	114	352	334
Plaines Wilhems/Black River	4,191	4,128	7,608	7,510	221	205	789	687
<b>Whole Island</b>	<b>18,055</b>	<b>17,877</b>	<b>32,568</b>	<b>32,547</b>	<b>1,122</b>	<b>963</b>	<b>3,828</b>	<b>3,405</b>



**Table 2.5 - Accidents, motor-vehicles involved and casualties by police district by semester, 1999**

Police district	Accidents		Motor-vehicles involved		Pedestrians involved		Casualties	
	Jan - Jun	Jul - Dec	Jan - Jun	Jul - Dec	Jan - Jun	Jul - Dec	Jan - Jun	Jul - Dec
Port Louis (South)	1,314	1,472	2,511	2,828	55	32	115	67
Port Louis (North)	1,161	1,220	2,146	2,264	73	77	257	275
Pamplemousses/Rivière du Rempart	976	919	1,683	1,575	75	49	284	304
Moka/Flacq	1,189	1,151	2,097	2,075	66	78	293	271
Grand Port/Savanne	713	746	1,198	1,266	79	60	254	264
Upper Plaines Wilhems	1,391	1,497	2,588	2,806	58	56	144	190
Plaines Wilhems/Black River	1,992	2,136	3,678	3,832	106	99	360	327
<b>Whole Island</b>	<b>8,736</b>	<b>9,141</b>	<b>15,901</b>	<b>16,646</b>	<b>512</b>	<b>451</b>	<b>1,707</b>	<b>1,698</b>

Table 2.6 - Daily and hourly distribution of accidents, 1999

Day Time (Hour)	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total
	0 - 1	14	8	14	11	21	34	28
1 - 2	13	17	8	14	8	11	26	97
2 - 3	3	5	11	4	5	10	25	63
3 - 4	4	2	3	9	5	13	19	55
4 - 5	7	5	4	6	7	17	13	59
5 - 6	26	12	11	16	14	24	21	124
6 - 7	50	52	56	72	46	39	32	347
7 - 8	175	166	153	148	150	96	63	951
8 - 9	213	224	196	191	221	157	102	1,304
9 - 10	185	173	169	160	163	152	130	1,132
10 - 11	189	174	155	159	139	208	150	1,174
11 - 12	149	147	163	150	178	228	169	1,184
12 - 13	157	151	133	140	157	221	164	1,123
13 - 14	169	147	126	154	175	191	126	1,088
14 - 15	187	180	171	178	198	168	155	1,237
15 - 16	186	221	198	209	216	153	146	1,329
16 - 17	241	192	213	207	217	148	138	1,356
17 - 18	257	212	218	206	240	148	154	1,435
18 - 19	184	176	155	136	167	146	161	1,125
19 - 20	126	110	100	122	134	112	149	853
20 - 21	80	86	82	95	106	92	107	648
21 - 22	47	55	60	46	57	91	90	446
22 - 23	52	34	47	26	60	75	61	355
23 - 24	26	28	25	31	47	54	51	262
<b>Total</b>	<b>2,740</b>	<b>2,577</b>	<b>2,471</b>	<b>2,490</b>	<b>2,731</b>	<b>2,588</b>	<b>2,280</b>	<b>17,877</b>

Fig. 2.2 - Number of accidents by day of week, 1999

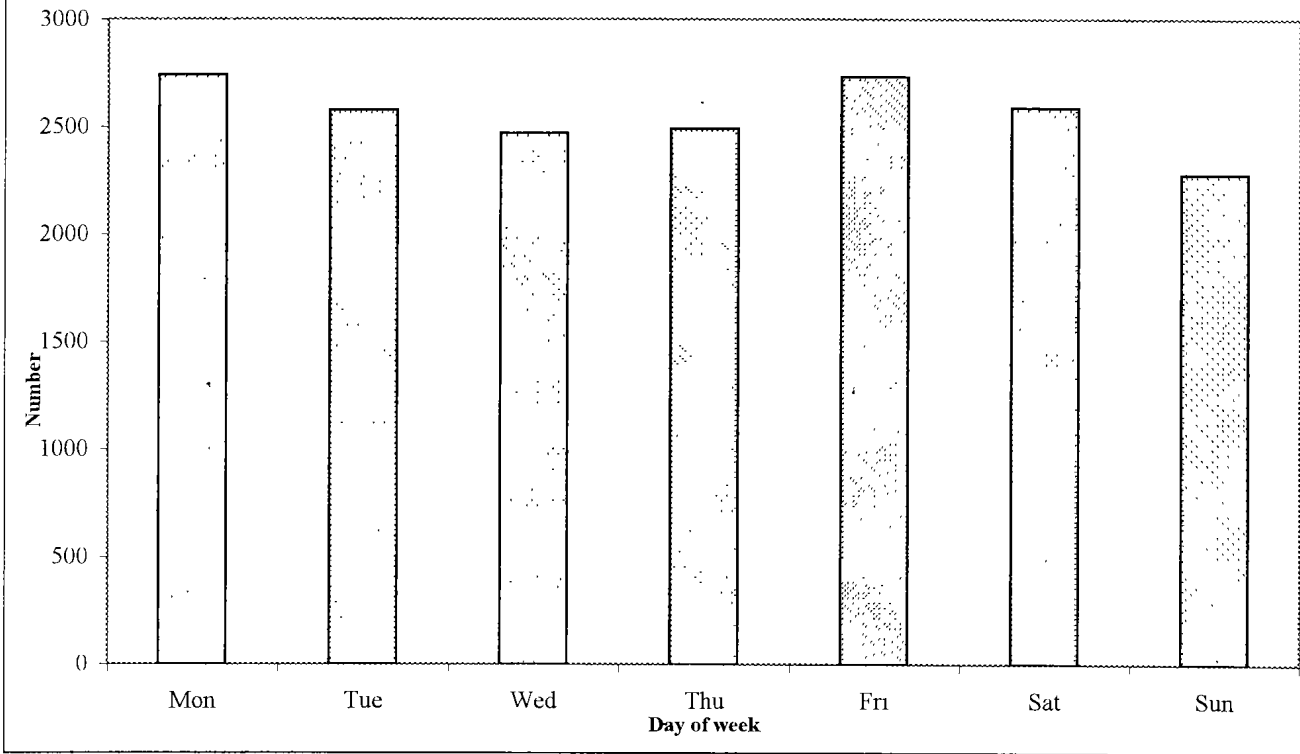
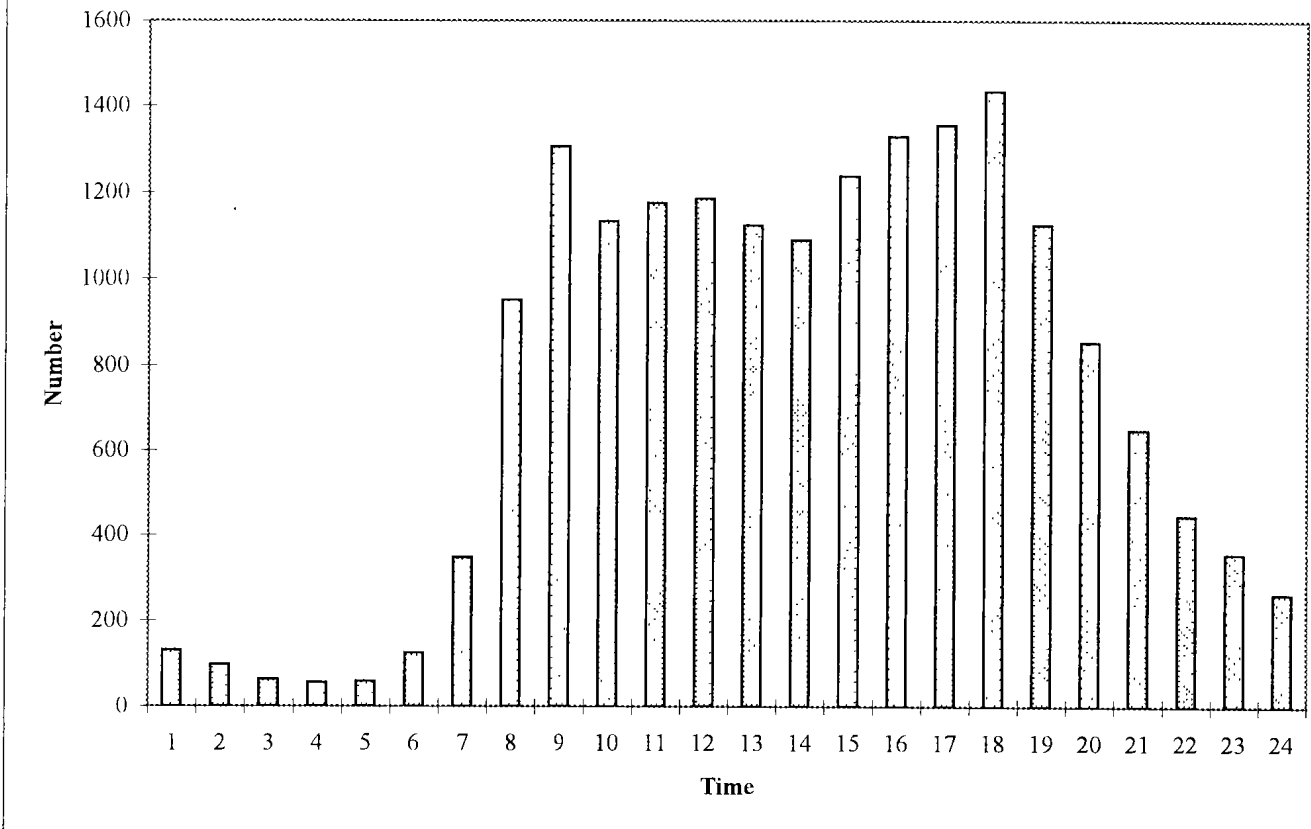


Fig. 2.3 - Number of accidents by time of day, 1999



**Table 2.7 - Number of accidents by severity of accident, 1995 - 1999**

Year	Severity of accident				
	Fatal	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

**Table 2.8 - Total number of accidents involving hit and run cases, 1999**

Accident \ Period	Jan - June	Jul - Dec	Total
Vehicles v/s Pedestrians	24	28	52
Vehicles v/s Vehicles	128	171	299
<b>Total</b>	<b>152</b>	<b>199</b>	<b>351</b>

**Table 2.9 - Number of accidents by severity of accident and police district, 1998 - 1999**

Police district	1998					1999				
	Severity of accident					Severity of accident				
	Fatal	Serious	Slight	No injury	Total	Fatal	Serious	Slight	No injury	Total
Port Louis (South)	18	33	216	2,627	2,894	7	17	130	2,632	2,786
Port Louis (North)	18	33	393	1,812	2,256	17	18	386	1,960	2,381
Pamplemousses/Rivière du Rempart	24	29	445	1,346	1,844	21	38	390	1,446	1,895
Moka/Flacq	21	41	411	2,162	2,635	30	33	358	1,919	2,340
Grand Port/Savanne	22	35	315	1,026	1,398	31	23	298	1,107	1,459
Upper Plaines Wilhems	14	23	243	2,557	2,837	15	34	225	2,614	2,888
Plaines Wilhems/Black River	35	35	534	3,587	4,191	33	33	454	3,608	4,128
<b>Whole Island</b>	<b>152</b>	<b>229</b>	<b>2,557</b>	<b>15,117</b>	<b>18,055</b>	<b>154</b>	<b>196</b>	<b>2,241</b>	<b>15,286</b>	<b>17,877</b>

**Table 2.10 - Number of accidents by severity of accident and weather conditions, 1998 - 1999**

Weather conditions	1998					1999				
	Severity of accident					Severity of accident				
	Fatal	Serious	Slight	No injury	Total	Fatal	Serious	Slight	No injury	Total
<b>Fine</b>	139	214	2,428	14,548	17,329	149	191	2,189	15,033	17,562
<b>Rainy</b>	12	14	128	566	720	4	5	51	245	305
<b>Fog/mist</b>	--	--	--	2	2	1	--	--	4	5
<b>Other</b>	1	1	1	1	4	--	--	1	4	5
<b>All conditions</b>	152	229	2,557	15,117	18,055	154	196	2,241	15,286	17,877

Table 2.11 - Number of accidents by severity of accident and light conditions, 1998 - 1999

Light conditions	1998					1999				
	Severity of accident					Severity of accident				
	Fatal	Serious	Slight	No injury	Total	Fatal	Serious	Slight	No injury	Total
Day light	86	139	1,779	11,964	13,968	97	131	1,615	12,256	14,099
Dark - no street lighting	24	14	139	430	607	12	12	80	275	379
Dark - street lighting on	41	75	635	2,714	3,465	44	53	544	2,749	3,390
Dark - street lighting off	1	1	4	9	15	1	--	2	6	9
All conditions	152	229	2,557	15,117	18,055	154	196	2,241	15,286	17,877

**Table 2.12 - Number of accidents by severity of accident and apparent cause of accident, 1998 - 1999**

Apparent cause of accident	1998					1999				
	Severity of accident					Severity of accident				
	Fatal	Serious	Slight	No injury	Total	Fatal	Serious	Slight	No injury	Total
Speeding	9	9	46	109	173	10	8	42	274	334
Improper overtaking	3	2	30	109	144	2	1	14	102	119
Signal violation	--	--	2	9	11	--	1	5	15	21
Followed too closely	--	3	23	344	370	1	2	22	417	442
Vehicle skidded	3	4	59	179	245	--	10	40	135	185
Improper signing	2	--	10	32	44	1	--	7	42	50
Inefficient brake	--	--	2	6	8	1	--	1	--	2
Burst tyres	--	--	5	16	21	--	--	4	16	20
Careless driving	117	194	2,190	14,290	16,791	129	164	1,958	14,263	16,514
Negligence of pedestrian	18	17	187	8	230	10	10	143	15	178
Other mechanical defect	--	--	3	15	18	--	--	5	7	12
Other causes	--	--	--	--	--	--	--	--	--	--
<b>All causes</b>	<b>152</b>	<b>229</b>	<b>2,557</b>	<b>15,117</b>	<b>18,055</b>	<b>154</b>	<b>196</b>	<b>2,241</b>	<b>15,286</b>	<b>17,877</b>



**Table 2.13 - Number of accidents by severity of accident and type of road, 1998 - 1999**

Type of road	1998					1999					
	Length of roads (kms)	Severity of accident				Length of roads (kms)	Severity of accident				
		Fatal	Serious	Slight	No injury		Total	Fatal	Serious	Slight	No injury
Motor-way	36	23	15	150	1,274	1,462	11	13	94	1,231	1,349
Main road	902	56	67	703	3,991	4,817	61	62	702	4,276	5,101
Secondary road	582	31	78	814	3,248	4,171	49	58	648	3,068	3,823
Other road	390	42	69	890	6,604	7,605	33	63	797	6,711	7,604
All roads	1,910	152	229	2,557	15,117	18,055	154	196	2,241	15,286	17,877

**Table 2.14 - Number of accidents by severity of accident and road characteristics, 1998 - 1999**

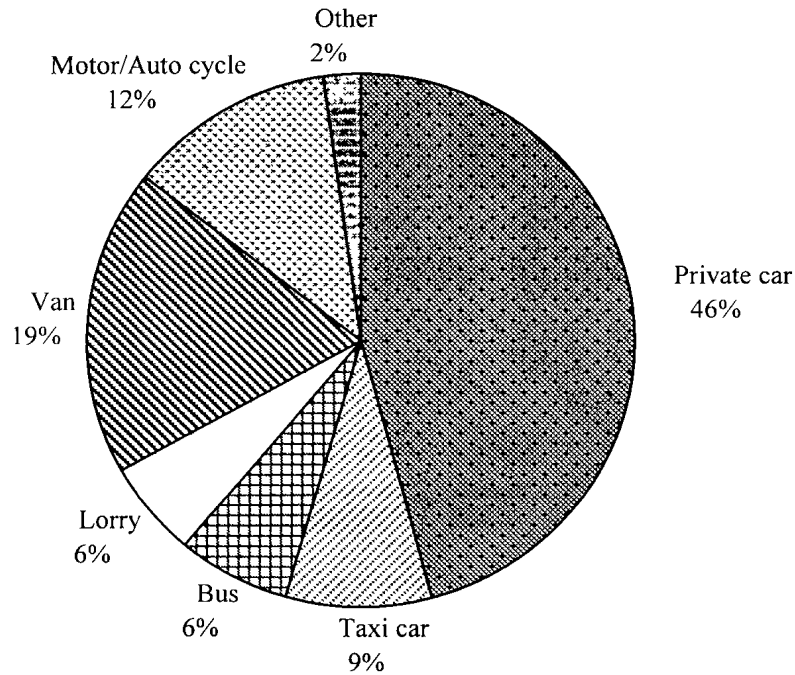
Road characteristics	1998					1999				
	Severity of accident					Severity of accident				
	Fatal	Serious	Slight	No injury	Total	Fatal	Serious	Slight	No injury	Total
<b>Straight</b>	130	202	2,304	13,919	16,555	135	163	2,048	14,317	16,663
<b>Curve</b>	17	19	188	849	1,073	10	19	134	620	783
<b>Roundabout</b>	3	1	16	157	177	1	3	15	145	164
<b>Hill crest</b>	1	2	8	77	88	3	2	13	62	80
<b>Signalised intersection</b>	--	--	16	14	30	1	3	6	16	26
<b>Uncontrolled junction</b>	1	5	17	71	94	3	4	21	112	140
<b>Road works present</b>	--	--	3	15	18	1	1	2	7	11
<b>Defective road surface</b>	--	--	5	14	19	--	1	2	7	10
<b>Other</b>	--	--	--	1	1	--	--	--	--	--
<b>All characteristics</b>	<b>152</b>	<b>229</b>	<b>2,557</b>	<b>15,117</b>	<b>18,055</b>	<b>154</b>	<b>196</b>	<b>2,241</b>	<b>15,286</b>	<b>17,877</b>

**Table 2.15 - Number of vehicles<sup>1</sup> involved in accidents by type of vehicle, 1998 - 1999**

Type of vehicle	1998		1999	
	Number of vehicles	%	Number of vehicles	%
Private car	15,202	46.1	15,149	45.9
Taxi car	2,941	8.9	2,835	8.6
Bus	2,298	7.0	2,139	6.5
Lorry	2,075	6.3	1,970	6.0
Van	5,500	16.7	6,118	18.5
Motor/Auto cycle	4,255	12.9	4,079	12.4
Pedal cycle	397	1.2	398	1.2
Other motor vehicle	297	0.9	257	0.8
Other non-motor vehicle	36	0.1	50	0.2
<b>All vehicles</b>	<b>33,001</b>	<b>100.0</b>	<b>32,995</b>	<b>100.0</b>

<sup>1</sup> Only three main vehicles have been considered in accidents involving more than three vehicles.

**Fig. 2.4 - Vehicles involved in accidents by type of vehicle, 1999**



**Table 2.16 - Number of motor-vehicles<sup>1</sup> involved in accidents by type of vehicle and nature of damage, 1998 - 1999**

Type of vehicle	1998				1999			
	Seriously damaged	Slightly damaged	No damage	Total	Seriously damaged	Slightly damaged	No damage	Total
Private car	55	13,903	1,244	15,202	82	14,607	460	15,149
Taxi car	8	2,680	253	2,941	19	2,768	48	2,835
Bus	11	2,100	187	2,298	12	2,068	59	2,139
Lorry	7	1,909	159	2,075	7	1,904	59	1,970
Van	22	5,066	412	5,500	33	5,944	141	6,118
Motor/Auto cycle	18	3,854	383	4,255	71	3,908	100	4,079
Other motor-vehicle	1	258	38	297	2	232	23	257
<b>All vehicles</b>	<b>122</b>	<b>29,770</b>	<b>2,676</b>	<b>32,568</b>	<b>226</b>	<b>31,431</b>	<b>890</b>	<b>32,547</b>

<sup>1</sup> Only three main vehicles have been considered in accidents involving more than three vehicles

**Table 2.17 - Number of drivers and riders<sup>1</sup> involved in accidents by age-group and sex, 1999**

Age - group (years)	Drivers			Riders			Total		
	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes
15 - 18	1,160	4	1,164	285	1	286	1,445	5	1,450
19 - 24	2,649	56	2,705	775	2	777	3,424	58	3,482
25 - 34	7,261	199	7,460	1,202	3	1,205	8,463	202	8,665
35 - 44	8,830	211	9,041	1,005	7	1,012	9,835	218	10,053
45 - 54	4,698	79	4,777	527	-	527	5,225	79	5,304
55 - 60	1,076	18	1,094	148	2	150	1,224	20	1,244
Over 60	732	7	739	64	-	64	796	7	803
All ages	26,406	574	26,980	4,006	15	4,021	30,412	589	31,001

<sup>1</sup> Excluding drivers and riders involved in hit and run and mutual agreement cases

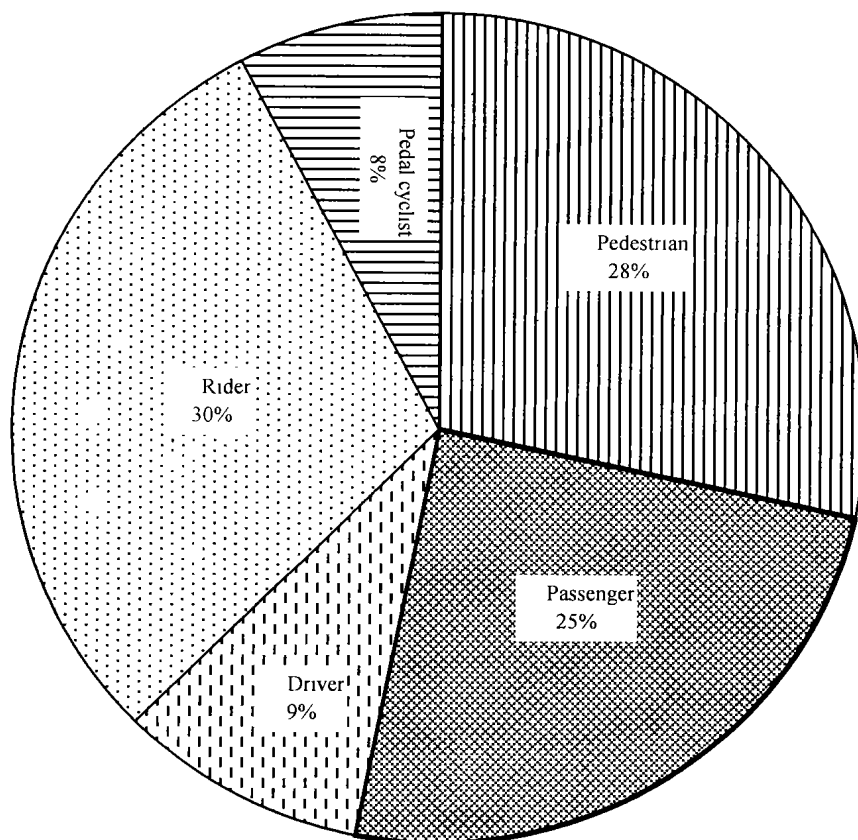
**Table 2.18 - Drivers/riders involved in accidents by driving experience and sex, 1998 - 1999**

Driving experience	1998			1999		
	Number of drivers/riders			Number of drivers/riders		
	Male	Female	Both sexes	Male	Female	Both sexes
No licence	36	1	37	33	1	34
Learner driver's licence	467	10	477	416	3	419
Licence with less than 2 years experience	556	22	578	504	15	519
Licence with more than 2 years experience	30,512	596	31,108	29,459	570	30,029
All categories	31,571	629	32,200	30,412	589	31,001

**Table 2.19 - Casualties by class of road users, 1998 - 1999**

Class of Road users	1998		1999	
	Number	%	Number	%
<b>Pedestrian</b>	1,122	29.3	963	28.3
<b>Passenger</b>	883	23.1	839	24.6
<b>Driver</b>	383	10.0	323	9.5
<b>Rider</b>	1,123	29.3	1,014	29.8
<b>Pedal cyclist</b>	317	8.3	266	7.8
<b>All road users</b>	<b>3,828</b>	<b>100.0</b>	<b>3,405</b>	<b>100.0</b>

**Fig. 2.5 - Casualties by class of road users, 1999**



**Table 2.20 - Number of casualties by degree of injury and class of road users, 1998 - 1999**

Class of Road users	1998					1999				
	Degree of injury					Degree of injury				
	Fatal	Seriously injured	Slightly injured	Total	%	Fatal	Seriously injured	Slightly injured	Total	%
<b>Pedestrian</b>	62	80	980	1,122	29.3	64	71	828	963	28.3
<b>Passenger</b>	26	63	794	883	23.1	32	43	764	839	24.6
<b>Driver</b>	19	34	330	383	10.0	16	28	279	323	9.5
<b>Rider</b>	39	92	992	1,123	29.3	46	82	886	1,014	29.8
<b>Pedal cyclist</b>	16	12	289	317	8.3	12	13	241	266	7.8
<b>All road users</b>	<b>162</b>	<b>281</b>	<b>3,385</b>	<b>3,828</b>	<b>100.0</b>	<b>170</b>	<b>237</b>	<b>2,998</b>	<b>3,405</b>	<b>100.0</b>



Table 2.21 - Number of casualties by age-group and sex, 1999

Age-group (years)	Class of casualty											
	Pedestrian			Passenger			Driver/Rider/Cyclist			Total Casualties		
	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes
Under 7	45	24	69	16	14	30	2	2	4	63	40	103
7 - 12	80	49	129	20	23	43	12	2	14	112	74	186
13 - 20	48	58	106	59	46	105	157	9	166	264	113	377
21 - 40	236	102	338	347	177	524	988	16	1,004	1,571	295	1,866
41 - 50	105	36	141	53	40	93	259	3	262	417	79	496
51 - 60	38	36	74	16	14	30	105	4	109	159	54	213
Over 60	47	59	106	5	9	14	42	2	44	94	70	164
All ages	599	364	963	516	323	839	1,565	38	1,603	2,680	725	3,405

**Table 2.22 - Pedestrian casualties by age-group, 1998 - 1999**

Age-group (years)	1998			1999		
	Population' (mid year)	Pedestrian casualties		Population (mid year)	Pedestrian casualties	
		Number	Per 100,000 population		Number	Per 100,000 population
Under 7	141,531	53	37	138,525	69	50
7 - 12	114,986	155	135	119,223	129	108
13 - 20	165,745	162	98	161,608	106	66
21 - 40	382,419	427	112	388,457	338	87
41 - 50	148,618	166	112	153,920	141	92
51 - 60	79,151	65	82	83,180	74	89
Over 60	92,058	94	102	94,056	106	113
All ages	1,124,508	1,122	100	1,138,969	963	85

PART III

PETROLEUM

PRODUCTS

**Table 3.1 - Evolution of price and sales of gasoline and gas oil, 1987 - 1999**

Year (as at end of)	Gasoline		Gas-oil	
	Price (Rs/Litre)	Sales (000 Litre)	Price (Rs/Litre)	Sales (000 Litre)
1987	7.70	59,359	4.51	82,919
1988	7.70	64,671	4.51	91,043
1989	7.70	74,255	4.51	96,183
1990	11.00 <sup>1</sup>	83,848	6.80 <sup>1</sup>	108,231
1991	9.50 <sup>2</sup>	85,574	5.50 <sup>2</sup>	113,033
1992	9.50	95,181	5.50	125,146
1993	9.50	100,412	5.50	136,083
1994	9.50	108,400	5.50	146,900
1995	9.50	114,351	5.50	148,565
1996	14.15 <sup>3</sup>	119,021	7.65 <sup>3</sup>	162,743
1997	14.15	119,332	7.65	175,157
1998	14.15	120,698	7.65	186,496
1999	12.80 <sup>3</sup>	121,720	6.65 <sup>3</sup>	194,570

<sup>1</sup> as from mid September

<sup>2</sup> as from end of April

<sup>3</sup> as from June

**Table 3.2 - Imports of motor spirit and gas oil by country of origin, 1998 - 1999**

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

Item	Country of origin	Unit	1998 <sup>1</sup>		1999 <sup>2</sup>	
			Quantity	Value	Quantity	Value
Motor spirit (Gasoline)	Bahrain	M/ton	24,035	102,814	27,798	167,006
	Saudi Arabia	"	46,878	191,194	47,644	223,102
	South Africa Rep.	"	15,982	62,313	12,960	70,677
	Yemen	"	--	--	4,335	14,388
			<b>86,895</b>	<b>356,321</b>	<b>92,737</b>	<b>475,173</b>
Gas oil	Bahrain	M/ton	78,893	217,560	90,841	377,663
	Saudi Arabia	"	150,460	428,385	153,800	542,322
	South Africa Rep.	"	53,384	162,339	42,199	172,026
	Yemen	"	--	--	8,711	22,008
			<b>282,737</b>	<b>808,284</b>	<b>295,551</b>	<b>1,114,019</b>

<sup>1</sup> Revised

<sup>2</sup> Provisional

Table 3.3 - Imports of lubricating oils and greases by country of origin, 1998 - 1999

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

Item	Country of origin	Unit	1998 <sup>1</sup>		1999 <sup>2</sup>	
			Quantity	Value	Quantity	Value
Lubricating oil containing not less than 70% by weight of petroleum products	Belgium	M/ton	133	5,506	61	1,800
	France	"	488	14,830	549	15,383
	Germany Fed. Rep.	"	53	2,844	4	304
	Japan	"	19	1,652	33	2,375
	Netherlands	"	63	1,286	128	2,666
	Seychelles	"	40	719	115	2,128
	Singapore	"	4,720	92,013	4,733	93,347
	South Africa Rep.	"	2,932	59,867	2,712	57,627
	Thailand	"	93	1,792	--	--
	United Kingdom	"	48	2,115	35	1,749
	United States	"	61	4,794	119	6,624
Other countries	"	97	3,080	177	3,821	
			<b>8,747</b>	<b>190,498</b>	<b>8,666</b>	<b>187,824</b>
Lubricating greases containing not less than 70% by weight of petroleum products	France	M/ton	49	1,589	41	1,210
	Italy	"	3	106	--	--
	Japan	"	--	--	12	638
	Netherlands	"	--	--	22	450
	Singapore	"	10	332	16	634
	South Africa Rep.	"	122	3,088	84	2,458
	United States	"	23	543	--	--
	Other countries	"	3	453	3	539
		<b>210</b>	<b>6,111</b>	<b>178</b>	<b>5,929</b>	

<sup>1</sup> Revised<sup>2</sup> Provisional



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