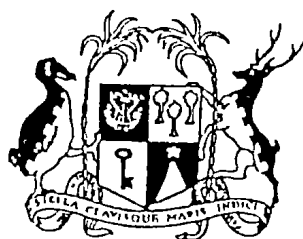


Vol. 10



REPUBLIC OF MAURITIUS

Ministry of Economic Planning and Development

CENTRAL STATISTICAL OFFICE

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**DIGEST OF  
ROAD TRANSPORT  
STATISTICS  
1994**

July 1995

(Price: Rs75.00)

**Ministry of Economic Planning and Development**

**CENTRAL STATISTICAL OFFICE**

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**DIGEST OF  
ROAD TRANSPORT  
STATISTICS  
1994**

# Digest of Road Transport Statistics - 1994

## FOREWORD

This is the eleventh issue of the Digest of Road Transport 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 1995. 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 Works and the Police in the publication of this digest, are gratefully acknowledged here.

(S. Basant Rai)

Director of Statistics

Central Statistical Office  
Ministry of Economic Planning and Development,  
**PORT LOUIS** .  
**MAURITIUS** .

July 1995

## NOTES

### ABBREVIATIONS

The following abbreviations are used:

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

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## SUMMARY DATA (Island of Mauritius)

### A. GENERAL

		1993	1994
(1) Population (mid-year)	(Number)	1,062,810	1,077,946
(2) Area	(sq km)	1,865	1,865
(3) Length of roads	(km)	1,881	1,897
(4) Gross National Product (at market price (Rs million)		54,940	61,144

### B. VEHICLE AND ROAD TRAFFIC ACCIDENT STATISTICS (Number)

	1993	1994	% change
(1) Vehicles on register:	168,158	180,884	+ 7.6
Two-wheelers	85,540	92,970	+ 8.7
(2) Road Accidents			
Total recorded accidents:	14,652	15,727	+ 7.3
Fatal	130	142	+ 9.2
Serious injury	226	263	+ 16.4
Other injury	2,819	2,647	(- 6.1)
Non injury	11,477	12,675	+ 10.4
(3) Number of vehicles involved	25,240	27,203	+ 7.8
(4) Total casualties:	4,160	3,947	(-5.4)
Fatal	157	154	(-1.9)
Seriously injured	322	330	-(-14.8)
Other injured	3,681	3,463	(- 5.6)



# PART I

# VEHICLE STATISTICS



# Part 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 or 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.

1/ 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.

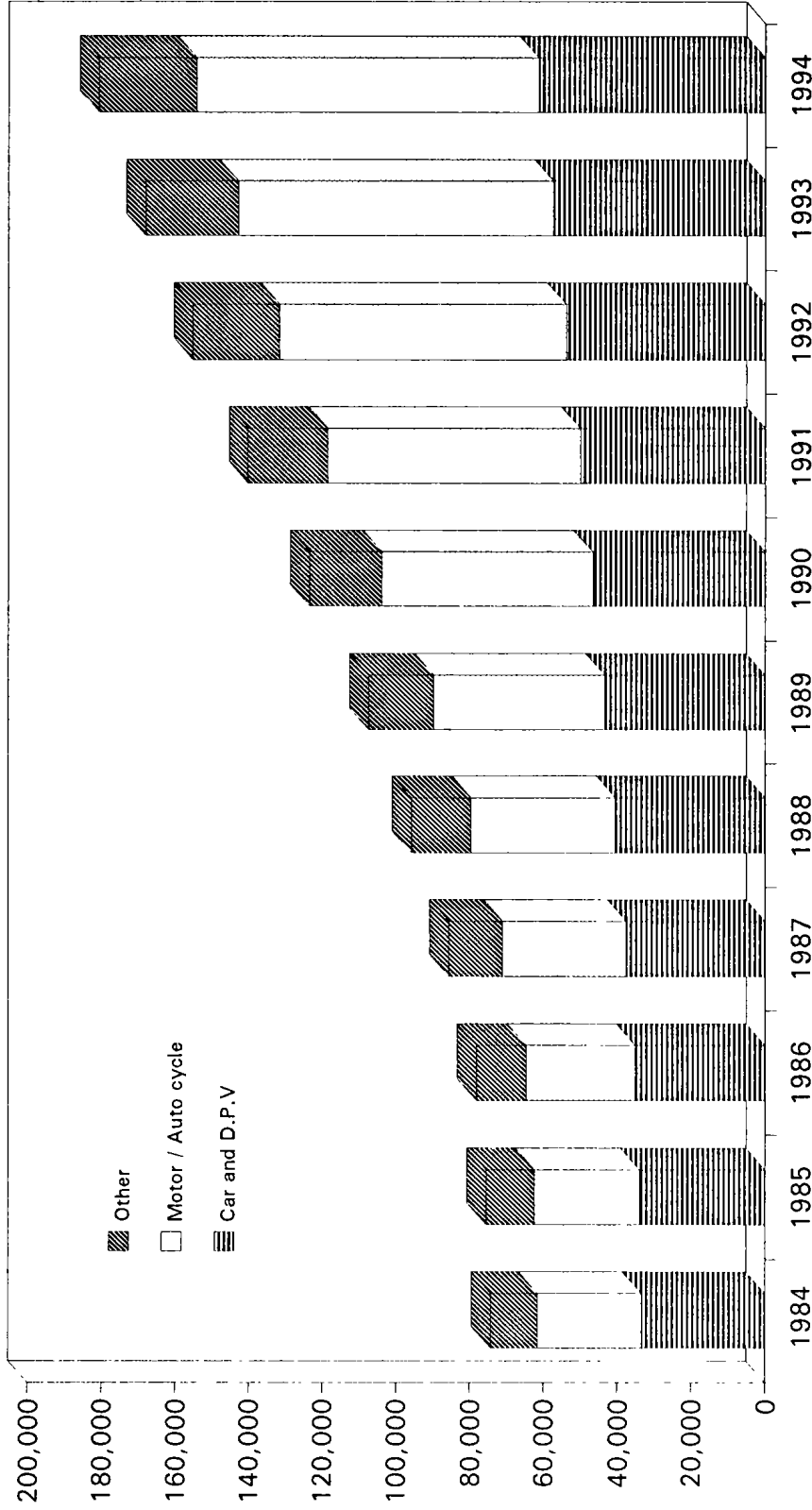
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Table 1.1 - Road network, 1990 - 1994

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			
1990	29	856	577	339	93	0.97	69
1991	29	886	577	339	93	0.98	77
1992	29	886	577	339	93	0.98	85
1993	29	886	582	384	93	1.01	89
1994	29	902	582	384	93	1.02	95

<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 - Vehicles Stock 1984 - 1994



Type of vehicle	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Car and Dual Purpose Vehicle	33,486	33,982	35,124	37,544	40,566	43,379	46,793	50,016	53,945	57,393	61,378
Motor cycle and autocycle	28,105	28,528	29,564	33,560	39,093	46,404	57,094	68,574	77,736	85,540	92,970
Other	12,778	13,085	13,541	14,573	16,181	17,730	19,658	21,664	23,639	25,225	26,536
<b>Total</b>	<b>74,369</b>	<b>75,595</b>	<b>78,229</b>	<b>85,677</b>	<b>95,840</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>

Table 1.2 - Vehicles<sup>1</sup> registered, 1984 - 1994

Type of vehicle	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Car ( of which Taxi Car )	26,274 (2,735)	26,455 (2,717)	27,053 (2,931)	28,337 (3,358)	30,283 (3,423)	31,919 (3,464)	33,916 (3,715)	35,673 (3,965)	37,696 (4,014)	39,511 (4,050)	41,355 (4,311)
Dual Purpose Vehicle	7,212	7,527	8,071	9,207	10,283	11,460	12,877	14,343	16,246	17,882	20,023
Heavy Motor Car	373	400	423	454	517	624	695	766	799	826	848
Motor Cycle	8,882	9,014	9,205	9,436	9,912	10,560	11,937	14,740	16,880	18,829	20,461
Auto Cycle	19,223	19,514	20,359	24,124	29,181	35,844	45,157	53,834	60,859	66,711	72,509
Lorry & Truck	4,671	4,717	4,838	5,057	5,534	5,906	6,564	7,226	7,776	8,166	8,559
Van	3,265	3,440	3,636	4,115	4,788	5,600	6,637	7,602	8,749	9,663	10,292
Bus	1,364	1,369	1,360	1,529	1,771	1,858	1,929	2,021	2,097	2,217	2,276
Tractor & Dumper	1,742	1,788	1,863	1,940	2,013	2,078	2,156	2,274	2,356	2,413	2,478
Prime Mover	116	120	130	145	164	182	185	197	212	228	249
Trailer	976	983	997	1,039	1,083	1,151	1,155	1,231	1,288	1,333	1,428
Road Roller	105	97	91	87	101	98	94	96	100	106	106
Other	166	171	203	207	210	233	243	251	262	273	300
<b>TOTAL</b>	<b>74,369</b>	<b>75,595</b>	<b>78,229</b>	<b>85,677</b>	<b>95,840</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>
<i>Index</i>	100	102	105	115	129	145	166	189	209	226	243

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

**Table 1.3 New vehicles <sup>1</sup> registered , 1984 - 1994**

Type of vehicle	1990	1991	1992	1993	1994
Car	2,189	1,642	1,756	1,663	1,438
Dual Purpose Vehicle	1,051	1,000	1,238	1,120	1,541
Heavy Motor Car	67	76	46	37	25
Motor Cycle	1,384	2,933	2,365	2,250	1,887
Auto Cycle	10,044	9,380	7,680	6,691	6,345
Lorry and Truck	468	401	405	325	348
Van	826	730	964	710	672
Bus	106	145	164	211	193
Tractor and Dumper	104	130	107	66	69
Prime Mover	15	21	20	11	11
Trailer	59	97	84	55	83
Road Roller	--	2	5	11	1
Other <sup>2</sup>	10	6	11	11	28
<b>Total</b>	<b>16,323</b>	<b>16,563</b>	<b>14,845</b>	<b>13,161</b>	<b>12,641</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, 1990 - 1994

Type of vehicle	1990	1991	1992	1993	1994
Car	917	1,200	1,363	1,427	1,586
Dual Purpose Vehicle	460	608	826	733	826
Heavy Motor Car	10	4	4	7	8
Motor Cycle	273	244	188	175	244
Auto Cycle	383	479	386	429	752
Lorry and Truck	372	411	337	268	290
Van	330	351	309	376	167
Bus	3	6	6	4	5
Tractor and Dumper	22	26	17	23	40
Prime Mover	6	4	3	11	16
Trailer	16	14	19	19	47
Road Roller	1	1	1	1	--
Other <sup>2</sup>	1	2	1	1	--
<b>Total</b>	<b>2,794</b>	<b>3,350</b>	<b>3,460</b>	<b>3,474</b>	<b>3,981</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>, 1990 - 1994

Type of vehicle	1990	1991	1992	1993	1994
Car	1,109	1,085	1,093	1,275	1,180
Dual Purpose Vehicle	94	142	161	217	226
Heavy Motor Car	6	9	17	17	11
Motor Cycle	280	369	413	476	499
Auto Cycle	1,114	1,187	1,044	1,268	1,299
Lorry and Truck	182	150	192	203	245
Van	119	116	126	172	210
Bus	38	59	95	95	139
Tractor and Dumper	48	40	7	32	44
Prime Mover	18	11	42	6	6
Trailer	71	35	46	29	35
Road Roller	5	1	2	6	1
Other <sup>2</sup>	1	--	1	1	1
<b>Total</b>	<b>3,085</b>	<b>3,204</b>	<b>3,239</b>	<b>3,797</b>	<b>3,896</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 , 1993 - 1994**

Age group (Years)	as at 31st December 1993		as at 31st December 1994	
	Number	%	Number	%
< 5	21,082	37	22,675	37
5 < 10	11,469	20	14,010	23
10 < 15	3,342	6	3,697	6
≥ 15	21,500	37	20,996	34
<b>TOTAL</b>	<b>57,393</b>	<b>100</b>	<b>61,378</b>	<b>100</b>

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

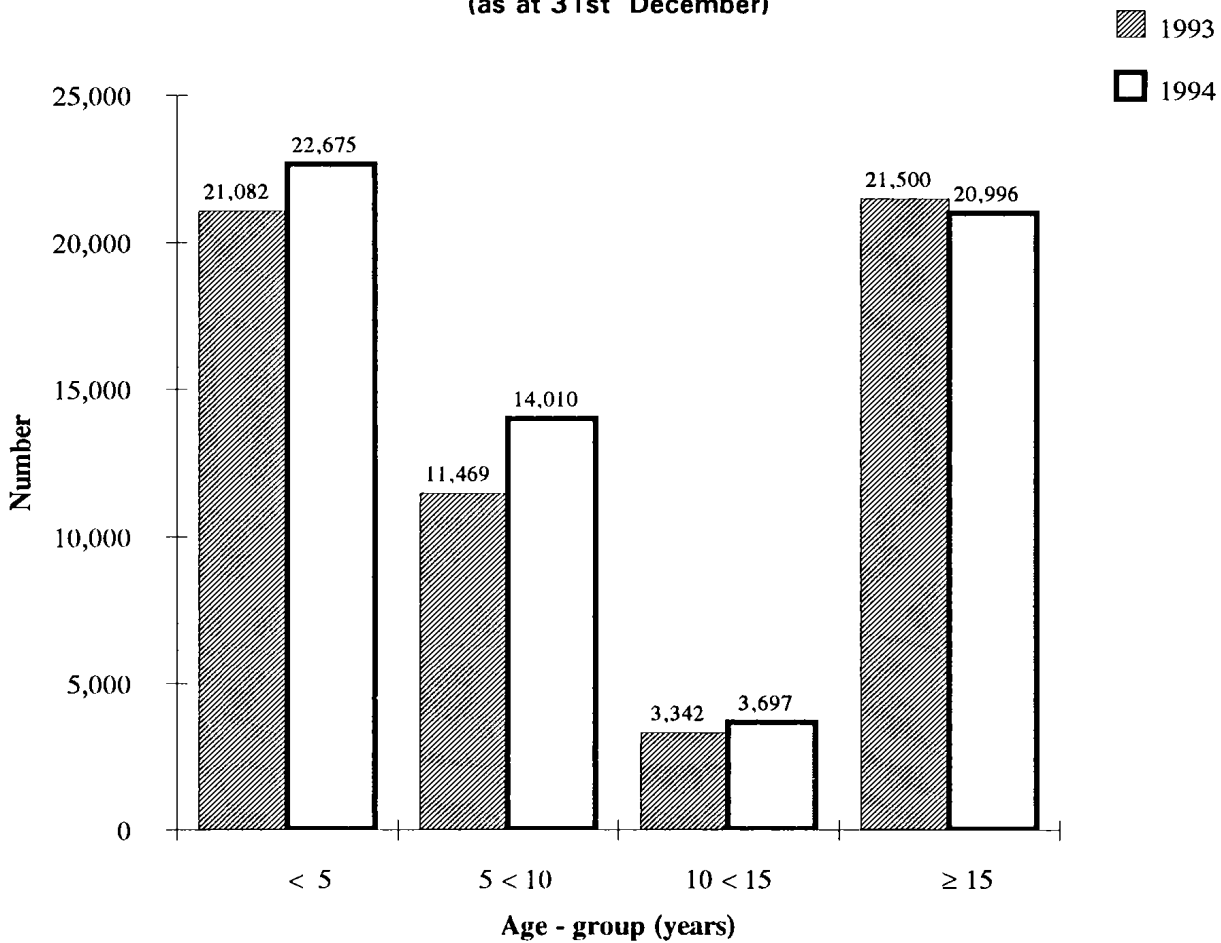


Table 1.7 - Age composition of operational bus fleet <sup>1</sup>, 1993 - 1994

Age group (Years)	as at 31st December 1993		as at 31st December 1994	
	Number	%	Number	%
< 4	541	33	626	36
4 < 8	629	38	649	38
8 < 12	117	7	131	8
12 < 16	317	19	252	15
16 < 18	59	3	57	3
<b>Total</b>	<b>1,663</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

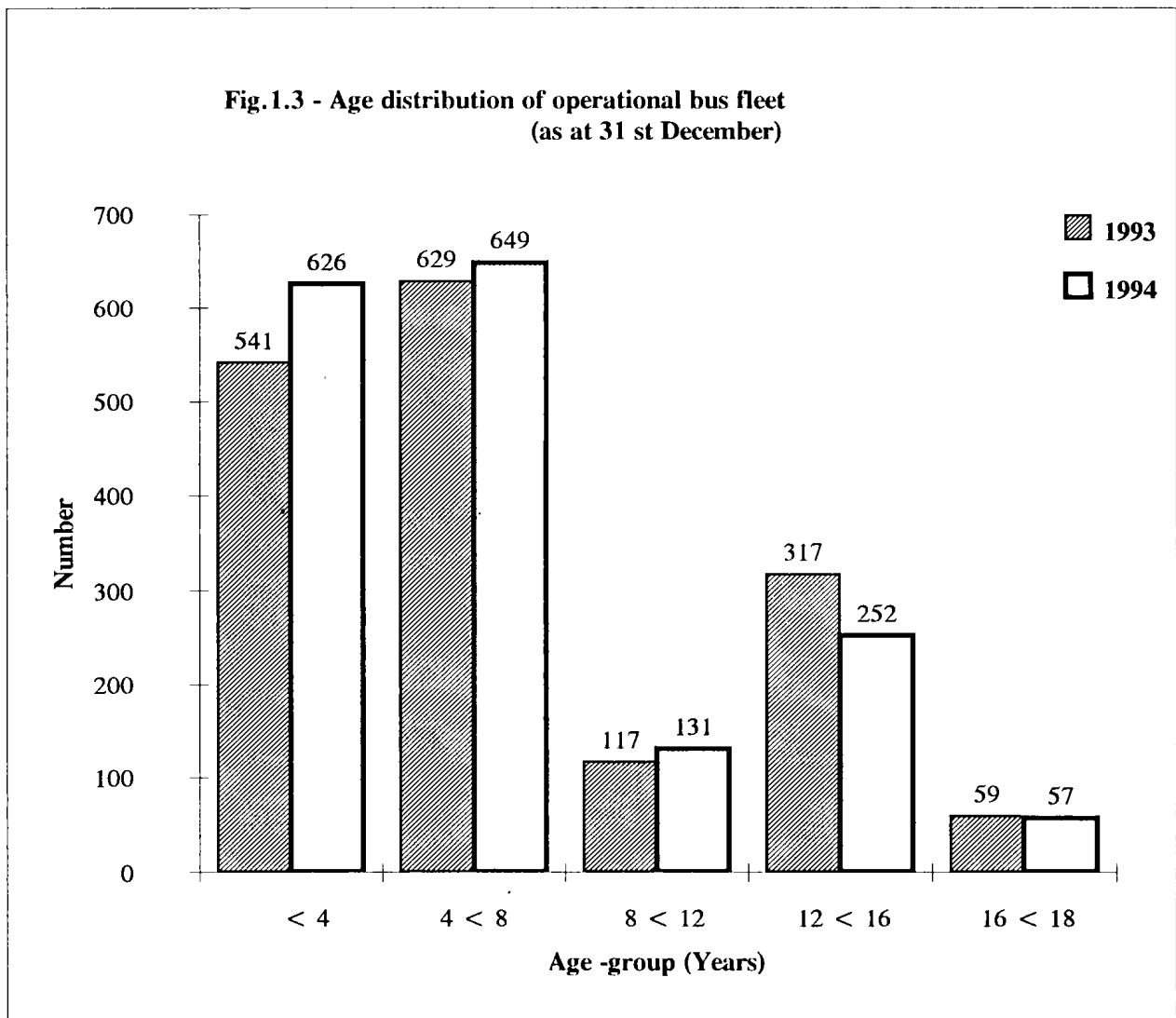


Table 1.8 - Bus operational statistics <sup>1</sup>, 1990 - 1994

	Unit	1990	1991	1992	1993 <sup>2</sup>	1994 <sup>3</sup>
Operational bus fleet ( as at 30th June )	Number	1,518	1,533	1,585	1,644	1,684
Total vehicle - journeys	Thousand	4,018	3,948	3,951	4,017	4,120
Average vehicle - journeys per day	"	11.0	10.8	10.8	8.6	8.4
Total vehicle - kilometres	"	69,369	70,324	70,842	73,140	77,237
Average vehicle - kilometres per day	"	190	193	194	156	156
Total gross receipts	Rs Mn	573.0	766.8	854.9	1147.0	1395.0
Average gross receipts per day	Rs '000	1,570	2,101	2,342	3,142	3,822

<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) , 1984 - 1994**

<b>Period</b> <b>Stage</b>	<b>Aug. 84</b>	<b>Aug. 88</b>	<b>Sept. 90</b>	<b>May. 92</b>	<b>Aug. 94</b>
1	1.00	1.50	2.00	2.00	3.00
2	1.00	1.50	2.00	3.00	4.00
3	1.50	2.00	3.00	4.00	5.00
4	1.50	2.00	3.00	4.00	5.00
5	2.00	2.50	4.00	5.00	7.00
6	2.00	2.50	4.00	5.00	7.00
7	2.50	3.00	5.00	6.00	8.00
8	2.50	3.00	5.00	6.00	8.00
9	3.00	3.50	6.00	7.00	9.00
10	3.00	3.50	6.00	7.00	9.00
11	3.00	4.00	6.00	7.00	9.00
12	3.00	4.00	6.00	7.00	9.00
13	3.50	4.50	7.00	8.00	10.00
14	3.50	4.50	7.00	8.00	10.00
15	4.00	5.00	7.00	8.00	10.00
16	4.00	5.00	7.00	8.00	10.00
17	4.00	5.50	7.00	8.00	10.00
18	4.00	5.50	7.00	8.00	10.00
19	4.00	5.50	7.00	8.00	10.00
20	4.00	5.50	7.00	8.00	10.00
21	4.50	6.00	8.00	9.00	11.00
22	4.50	6.00	8.00	9.00	11.00
23	4.50	6.00	8.00	9.00	11.00
24	4.50	6.00	8.00	9.00	11.00
25	4.50	6.00	8.00	9.00	11.00
26	5.00	6.50	8.00	9.00	11.00
27	5.00	6.50	8.00	9.00	11.00
28	5.00	6.50	8.00	9.00	11.00
29	5.00	6.50	8.00	9.00	11.00
30	5.00	6.50	8.00	9.00	11.00
30 +	5.00	7.00	9.00	10.00	12.00

Table 1.10 - Revenue of the National Transport Authority , 1990 - 1994

(Thousand Rupees)

Source of revenue	As at end of December				
	1990	1991	1992	1993	1994
Motor Vehicle Licences ( Road Tax )	71,185	80,229	90,898	170,847	179,588
Examination of Vehicles	2,764	3,262	4,933	4,607	4,582
Public Service Vehicle and Carrier's Licences	3,470	4,627	8,235	11,310	11,848
Registration of Vehicles	2,384	2,922	5,940	7,444	8,737
Issue of Special Route Permits	2,208	2,236	1,728	1,653	1,504
Motor Vehicles Dealers and Petrol Service Station Licences	221	297	449	313	879
<b>Total</b>	<b>82,232</b>	<b>93,573</b>	<b>112,183</b>	<b>196,174</b>	<b>207,138</b>

Table 1.11 - Driving licences issued during the year by type of licence ,  
1989 - 1994

Type of Licence Year	Learner's licence						Competent licence						International Licence		
	First issue			Renewal <sup>1</sup>			First issue			Renewal <sup>1</sup>			Male	Female	Both Sexes
	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes			
1989	14,127	1,796	15,923	64,209	2,403	66,612	7,500	1,116	8,616	45,448	2,709	48,157	3,001	579	3,580
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 <sup>2</sup>	11,840	5,230	17,070	-	-	-	5,347	879	6,226	-	-	-	2,523	438	2,961

<sup>1</sup> As from 1990 licences are not renewed except for those aged 60 years and over . In which case their licences are renewed every year .

<sup>2</sup> Provisional

Table 1.12 - Imports of vehicles and spare parts by country of origin, 1993 - 1994

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

Item	Country of origin	Unit	1993 <sup>1</sup>		1994 <sup>2</sup>	
			Quantity	Value	Quantity	Value
1 - Passenger motor cars - of engine capacity not exceeding 1,100 c.c.	France	No.	262	31,660	283	37,302
	Germany	"	--	--	28	2,996
	India	"	75	6,808	87	7,633
	Italy	"	33	3,288	21	2,171
	Japan	"	178	16,281	97	8,488
	Spain	"	99	12,121	6	640
	United Kingdom	"	19	2,148	24	2,959
	Other Countries	"	16	1,601	--	--
			<b>682</b>	<b>73,907</b>	<b>546</b>	<b>62,189</b>
- of engine capacity exceeding 1,100 c.c. but not exceeding 1,300 c.c.	France	No.	354	47,540	372	57,457
	Germany	"	1	78	147	24,366
	Japan	"	1,662	175,415	1,281	139,310
	Korea Rep.	"	74	8,216	134	15,886
	Malaysia	"	117	15,818	80	11,956
	South Africa Rep.	"	75	9,892	210	29,590
	Spain	"	22	2,616	92	11,211
	United Kingdom	"	71	10,661	140	24,322
Other Countries	"	--	--	3	185	
			<b>2,376</b>	<b>270,236</b>	<b>2,459</b>	<b>314,283</b>

<sup>1</sup> Revised

<sup>2</sup> Provisional

Table 1.12 - Imports of vehicles and spare parts by country of origin, 1993 - 1994 (cont'd)

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

Item	Country of origin	Unit	1993 <sup>1</sup>		1994 <sup>2</sup>	
			Quantity	Value	Quantity	Value
- of engine capacity exceeding 1,300 c.c. but not exceeding 1,800 c.c.	Belgium	No.	--	--	63	16,101
	France	"	96	17,748	159	36,179
	Germany	"	135	38,416	101	32,344
	Japan	"	438	63,940	460	72,217
	Korea Rep.	"	18	2,378	25	4,433
	Malaysia	"	8	1,328	21	3,589
	South Africa Rep.	"	40	7,980	76	17,519
	United Kingdom	"	12	1,225	38	5,074
	Other Countries	"	10	1,060	10	1,985
				<b>757</b>	<b>134,075</b>	<b>953</b>
- of engine capacity exceeding 1,800 c.c.	France	No.	63	24,857	12	3,125
	Germany	"	58	20,172	71	29,616
	Japan	"	64	9,784	76	12,880
	South Africa Rep.	"	6	1,451	12	4,074
	United Kingdom	"	15	5,102	58	23,722
	Other Countries	"	11	2,311	6	994
			<b>217</b>	<b>63,677</b>	<b>235</b>	<b>74,411</b>

<sup>1</sup> Revised

<sup>2</sup> Provisional



Table 1.12 - Imports of vehicles and spare parts by country of origin, 1993 - 1994 (cont'd)

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

Item	Country of origin	Unit	1993 <sup>1</sup>		1994 <sup>2</sup>		
			Quantity	Value	Quantity	Value	
- other, unspecified	France	No.	1	160	--	--	
	Japan	"	2	575	--	--	
	Korea Rep.	"	--	--	10	507	
	United Kingdom	"	1	399	--	--	
2 - Trucks and lorries, trucks of pick-up type, vans designed solely for the types which are not derived solely from ordinary passenger motor-car.			4	1,134	10	507	
	France	No.	38	5,335	40	7,439	
	Germany Fed. Rep.	"	--	--	25	5,926	
	India	"	6	1,123	18	6,628	
	Indonesia	"	24	2,776	18	2,160	
	Japan	"	2,719	443,405	1,285	246,772	
	Korea Rep.	"	--	--	20	2,428	
	Spain	"	--	--	30	4,350	
	South Africa Rep.	"	8	12,286	25	3,198	
	United Kingdom	"	44	7,915	40	7,829	
	Other Countries	"	2	125	7	2,062	
				2,841	472,965	1,508	288,792

<sup>1</sup> Revised

<sup>2</sup> Provisional

Table 1.12 - Imports of vehicles and spare parts by country of origin, 1993 - 1994 (cont'd)

Item	Country of origin	Unit	1993 <sup>1</sup>		1994 <sup>2</sup>	
			Quantity	Value	Quantity	Value
			(C.I.F. Value, Rs. '000)			
3 - Public service type passenger motor vehicle	France	No.	2	5,929	--	--
	India	"	89	38,699	37	17,613
	Japan	"	152	51,256	182	68,259
	Germany	"	--	--	12	3,896
	Korea Rep.	"	--	--	3	639
			243	95,884	234	90,407
4 - Road tractors for semi-trailers	France	No.	1	1,076	3	3,042
	Japan	"	2	1,647	1	949
	United Kingdom	"	--	--	1	341
			3	2,723	5	4,332
5 - Dumpers	Belgium	No.	5	2,009	--	--
	China	"	15	630	15	847
	France	"	3	374	--	--
	South Africa Rep.	"	3	402	1	349
	Spain	"	--	--	9	1,065
	United Kingdom	"	5	1,063	6	465
			31	4,478	31	2,726

<sup>1</sup> Revised

<sup>2</sup> Provisional

Table 1.12 - Imports of vehicles and spare parts by country of origin, 1993 - 1994 (cont'd)

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

Item	Country of origin	Unit	1993 <sup>1</sup>		1994 <sup>2</sup>	
			Quantity	Value	Quantity	Value
6 - Other motor vehicles for the transport of goods or materials	South Africa Rep.	No.	2	340	--	--
			2	340	--	--
	Japan	No.	8	611	2	158
			--	--	3	178
	Other countries	"	8	611	5	336
	Japan	No.	4	369	1	166
			4	369	1	166
	Germany	No.	1	142	1	879
			--	--	1	63
South Africa Rep.	"	1	142	2	942	

<sup>1</sup> Revised

<sup>2</sup> Provisional

Table 1.12 - Imports of vehicles and spare parts by country of origin, 1993 - 1994 (cont'd)

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

Item	Country of origin	Unit	1993 <sup>1</sup>		1994 <sup>2</sup>	
			Quantity	Value	Quantity	Value
7 - Special purpose motor vehicles and vans	Australia	No.	1	166	--	--
	France	"	2	1,357	16	16,856
	Germany	"	8	5,068	9	8,533
	India	"	6	1,096	--	--
	Italy	"	15	6,145	10	4,663
	Japan	"	--	--	6	1,016
	South Africa Rep.	"	3	741	17	10,100
	United Kingdom	"	45	20,522	45	25,012
	United States	"	24	83,637	6	20,830
	Other countries	"	2	1,041	1	1,043
				106	119,773	110

<sup>1</sup> Revised

<sup>2</sup> Provisional

Table 1.12 - Imports of vehicles and spare parts by country of origin, 1993 - 1994 (cont'd)

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

Item	Country of origin	Unit	1993 <sup>1</sup>		1994 <sup>2</sup>	
			Quantity	Value	Quantity	Value
8 - Motor cycles, scooters and auto cycles	China	No.	--	--	160	3,405
	France	"	3,299	35,218	3,880	43,476
	India	"	2,888	17,303	3,494	23,175
	Italy	"	122	945	2	71
	Japan	"	2,553	59,612	129	3,634
	Pakistan	"	140	2,189	220	4,026
	Korea Rep.	"	75	719	150	1,515
	Other countries	"	6	225	13	286
				<b>9,083</b>	<b>116,211</b>	<b>8,048</b>
9 - Cycles not motorised	China	No.	17,668	8,281	24,579	10,637
	France	"	475	2,711	789	3,406
	India	"	312	261	201	347
	Hong Kong	"	--	--	751	668
	Switzerland	"	--	--	1,020	478
	Singapore	"	209	186	265	211
	Taiwan	"	17,791	17,534	21,793	21,166
	Thailand	"	--	--	186	266
	Switzerland	"	--	--	1,020	478
	United Kingdom	"	320	1,002	14	172
	Other countries	"	29	58	30	185
			<b>36,804</b>	<b>30,033</b>	<b>50,648</b>	<b>38,014</b>

<sup>1</sup> Revised

<sup>2</sup> Provisional

Table 1.12 - Imports of vehicles and spare parts by country of origin, 1993 - 1994 (cont'd)

Item	Country of origin	Unit	1993 <sup>1</sup>		1994 <sup>2</sup>	
			Quantity	Value	Quantity	Value
			(C.I.F. Value Rs ' 000 )			
10 - Chassis fitted with engines for tractors, and for motor vehicles	France	No.	6	4,749	2	3,131
	Korea Rep.	"	10	1,244	--	--
	India	"	37	10,270	56	15,454
	Japan	"	425	110,223	444	123,457
	Netherlands	"	--	--	4	5,399
	South Africa Rep.	"	5	2,170	6	926
	United Kingdom	"	89	18,131	120	22,616
	Other countries	"	--	--	3	1,372
				<b>572</b>	<b>146,787</b>	<b>635</b>
11 - Parts and accessories for tractors and for motor vehicles	France	M/ton	106	17,483	115	23,474
	Germany	"	45	9,887	49	11,135
	India	"	69	5,289	71	6,050
	Italy	"	29	4,505	37	6,441
	Japan	"	243	33,546	239	34,036
	Malaysia	"	59	5,341	67	6,248
	Singapore	"	50	1,964	25	1,540
	South Africa Rep.	"	163	22,489	91	9,038
	Taiwan	"	39	3,428	--	--
	United Kingdom	"	462	25,278	478	20,813
	United States	"	23	6,541	29	8,319
	Other countries	"	4	1,218	31	6,287
			<b>1,292</b>	<b>136,969</b>	<b>1,232</b>	<b>133,381</b>

<sup>1</sup> Revised

<sup>2</sup> Provisional

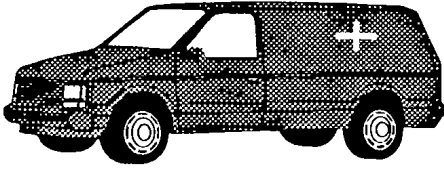
Table 1.12 - Imports of vehicles and spare parts by country of origin, 1993 - 1994

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

Item	Country of origin	Unit	1993 <sup>1</sup>		1994 <sup>2</sup>	
			Quantity	Value	Quantity	Value
12 - Parts n.e.s and accessories for motor cycles, scooters and autocycles	China	M/ton	53	1,547	54	1,455
	France	"	20	5,311	21	5,918
	India	"	78	5,578	110	5,321
	Italy	"	8	2,070	9	1,866
	Japan	"	17	6,208	12	5,119
	Spain	"	1	188	2	342
	Taiwan	"	43	3,529	49	4,567
	Thailand	"	--	--	12	439
	Other countries	"	5	855	3	620
				225	25,286	269

<sup>1</sup> Revised

<sup>2</sup> Provisional



## PART II

# ROAD ACCIDENTS



## Part II Road Traffic Accidents

### Definitions

1. **Casualties**

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

2. **Fatalities**

Deaths occurring as a result of road accident if the victim dies within a week the accident occurs.

3. **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

4. **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.

\*\*\*\*\*

Table 2.1 - Road traffic accidents <sup>1</sup> and casualties, 1984 -1994

	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>
<b>1. Road traffic accidents :</b>											
Number	4,681	5,035	5,707	7,059	8,259	9,085	10,316	13,439	14,371	14,652	15,727
Rate per 100,000 population	479	511	574	703	812	893	1,007	1,297	1,369	1,378	1,459
Rate per 1,000 registered motor vehicles	63	67	74	87	91	89	90	102	97	91	91
<b>2. Motor vehicle involved:</b>											
Number	7,538	8,235	9,410	11,869	14,153	15,489	17,562	22,835	24,549	25,240	27,203
Rate per 1,000 registered	102	110	123	147	156	152	153	173	166	156	156
<b>3. Casualties:</b>											
Total number of casualties of which	2,329	2,685	2,834	3,294	3,004	3,141	3,575	4,025	4,395	4,160	3,947
Fatal	82	104	109	112	122	130	144	168	119	157	154
Seriously injured	253	266	226	255	282	250	315	296	378	322	330
Slightly injured	1,994	2,315	2,499	2,927	2,600	2,761	3,116	3,561	3,898	3,681	3,463
<b>4. Fatality :</b>											
rate per 100,000 population	8.4	10.6	11.0	11.2	12.0	12.6	13.9	16.2	11.3	14.8	14.3
rate per 1,000 registered motor vehicle	1.1	1.4	1.4	1.4	1.3	1.3	1.3	1.3	0.8	1.0	0.9
index <sup>2</sup>	3.5	3.9	3.8	3.4	4.1	4.1	4.0	4.2	2.7	3.8	3.9

<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

Fig. 2.1(a) - Evolution of vehicles registered ( 1984 - 1994 )

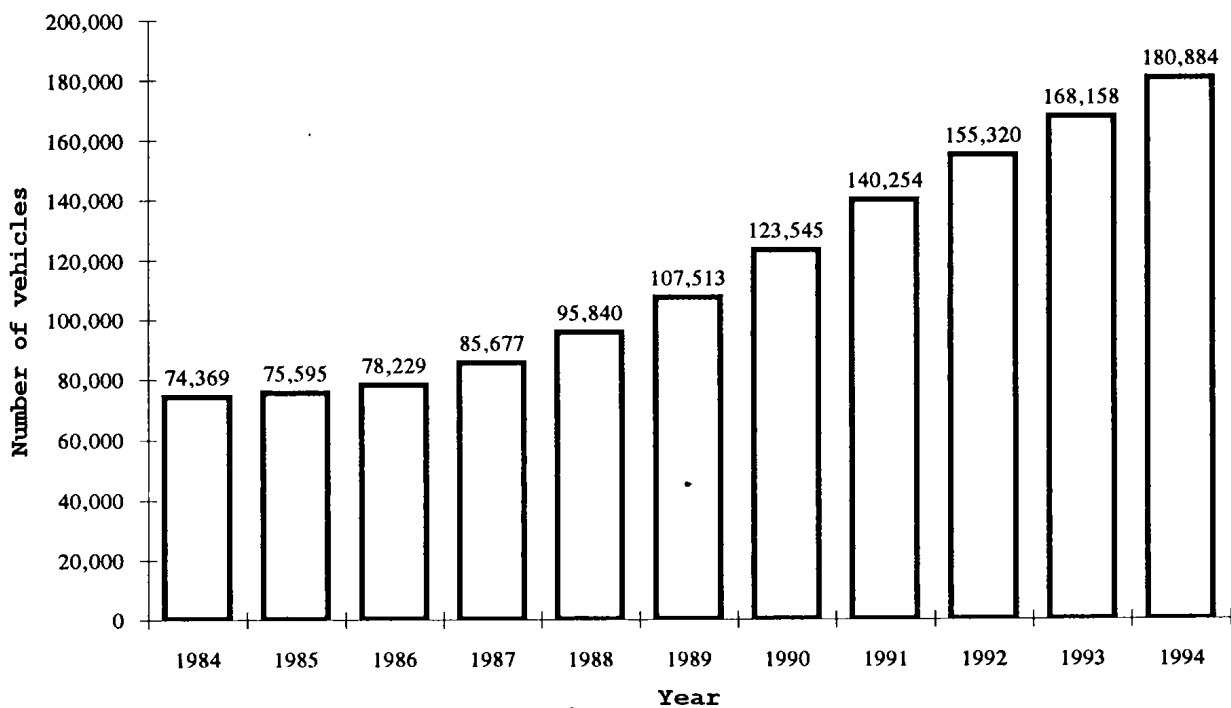
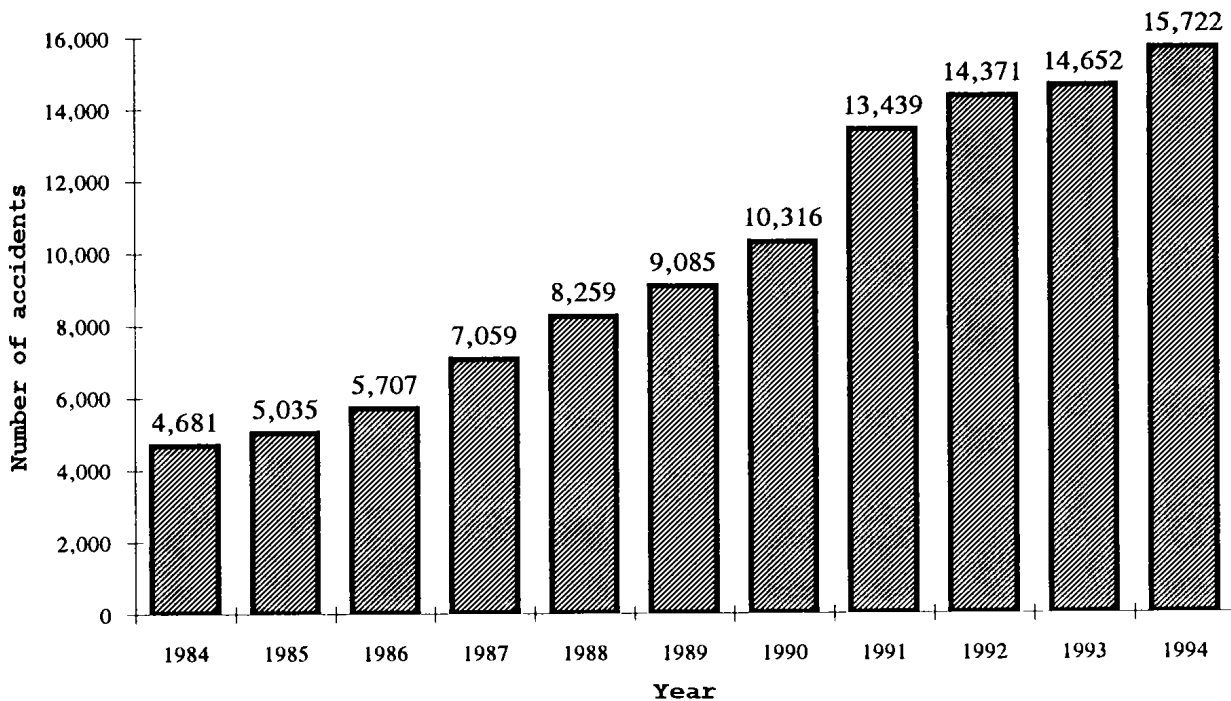


Fig. 2.1 (b) - Evolution of road accidents ( 1984 - 1994 )



**Table 2.2 - Road traffic accidents, motor-vehicles involved and casualties, 1990 - 1994**

Year	Accidents	Motor - vehicles involved	Casualties	Population (mid - year)	Number
					Motor - vehicles registered (mid - year)
1990	10,316	17,562	3,575	1,024,571	114,708
1991	13,439	22,835	4,025	1,035,807	131,771
1992	14,371	24,549	4,395	1,049,967	148,133
1993	14,652	25,240	4,160	1,062,810	161,549
1994	15,727	27,203	3,947	1,077,946	174,004

**Table 2.3 - Number of injuries by degree of injury and injury rate, 1990 - 1994**

Year	Degree of injury			Injury rate	
	Serious	Slight	Total injured	Per 100,000 population	Per 1,000 motor-vehicles
1990	315	3,116	3,431	331	30
1991	296	3,561	3,857	372	29
1992	378	3,898	4,276	419	30
1993	322	3,681	4,003	367	24
1994	330	3,463	3,793	352	22

Table 2.4 - Accidents, motor-vehicles involved and casualties by police district, 1993 - 1994

Police district	Accidents		Motor-vehicles involved		Pedestrians involved		Casualties	
	1993	1994	1993	1994	1993	1994	1993	1994
Port Louis (South)	2,227	2,404	4,053	4,389	179	175	303	298
Port Louis (North)	1,795	1,908	3,064	3,279	220	188	685	649
Pamplemousses/Rivière du Rempart	1,711	1,936	2,719	3,120	162	195	699	730
Moka/Flacq	1,981	2,266	3,302	3,843	229	183	719	663
Grand Port/Savanne	1,189	1,239	1,871	1,979	128	126	511	429
Upper Plaines Wilhems	2,217	2,343	3,892	4,094	192	205	445	405
Plaines Wilhems/Black River	3,532	3,631	6,339	6,499	289	291	798	773
Whole Island	14,652	15,727	25,240	27,203	1,399	1,363	4,160	3,947

Table 2.5 - Accidents, motor-vehicles involved and casualties by police district by semester, 1994

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)	1,197	1,207	2,180	2,209	102	73	150	148
Port Louis (North)	946	962	1,613	1,666	103	85	319	330
Pamplemousses/Rivière du Rempart	939	997	1,499	1,621	108	87	353	377
Moka/Flacq	1,187	1,079	2,054	1,789	79	104	352	311
Grand Port/Savanne	587	652	935	1,044	53	73	230	199
Upper Plaines Wilhems	1,125	1,218	1,963	2,131	99	106	185	220
Plaines Wilhems/Black River	1,671	1,960	2,953	3,546	146	145	363	410
Whole Island	7,652	8,075	13,197	14,006	690	673	1,952	1,995

Table 2.6 - Daily and hourly distribution of accidents, 1994

Time (Hour)	Day							Total
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
0	22	10	13	18	16	23	63	165
1	10	2	4	5	8	15	30	74
2	7	6	6	9	6	18	19	71
3	5	4	1	5	4	15	17	51
4	4	6	4	1	1	16	16	48
5	22	19	13	14	10	15	22	115
6	53	40	56	53	57	49	35	343
7	138	133	130	124	138	77	44	784
8	186	178	173	173	185	124	79	1,098
9	152	151	145	124	125	132	105	934
10	149	138	135	157	147	159	156	1,041
11	148	128	155	145	126	191	127	1,020
12	134	128	136	123	148	197	115	981
13	149	127	102	102	118	164	110	872
14	177	151	179	132	132	155	135	1,061
15	194	154	173	147	183	155	131	1,137
16	199	165	182	142	200	147	152	1,187
17	199	184	209	181	211	170	159	1,313
18	154	137	150	119	142	157	173	1,032
19	115	102	99	101	110	125	162	814
20	81	72	89	87	92	103	121	645
21	52	50	46	43	59	73	91	414
22	37	34	43	32	48	82	62	338
23	27	17	16	14	35	42	38	189
<b>Total</b>	<b>2,414</b>	<b>2,136</b>	<b>2,259</b>	<b>2,051</b>	<b>2,301</b>	<b>2,404</b>	<b>2,162</b>	<b>15,727</b>

Fig. 2.2 - Number of accidents by day of week, 1994

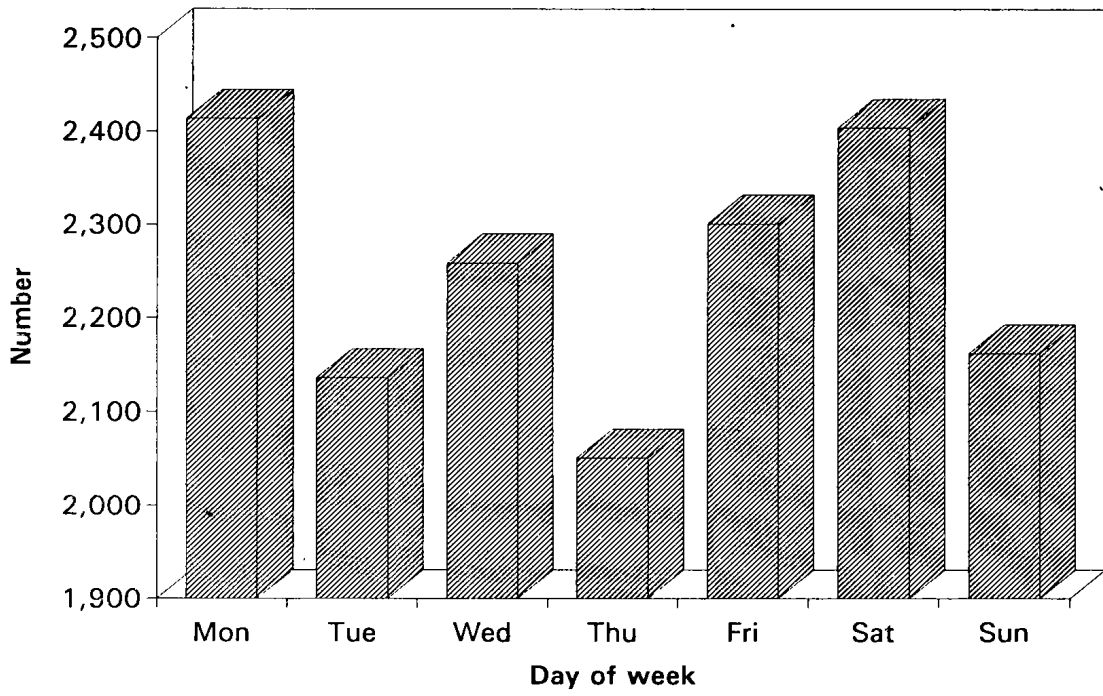
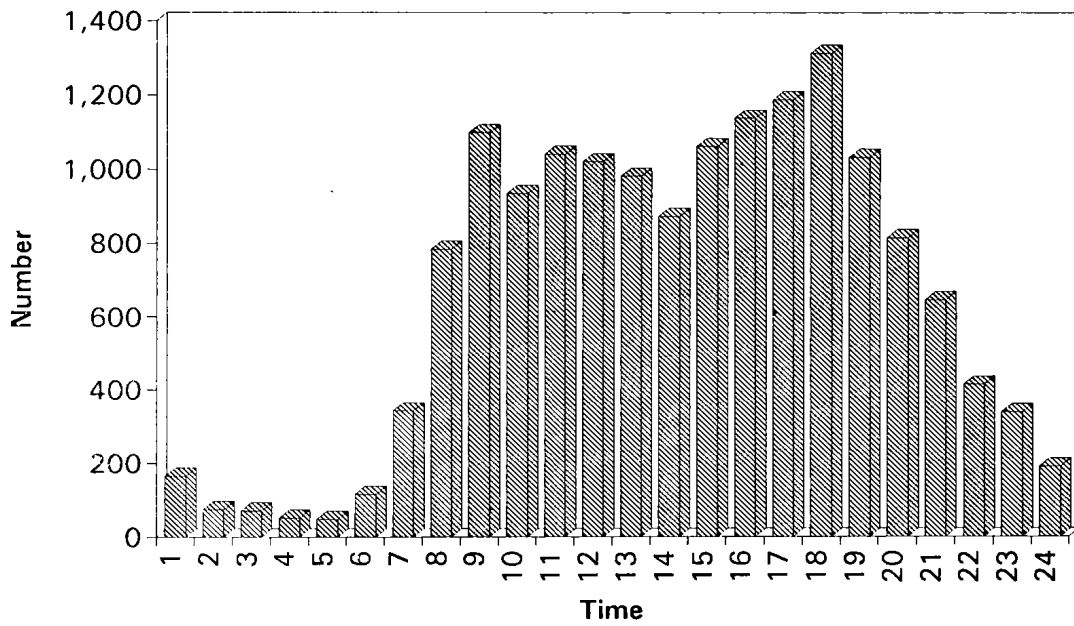


Fig. 2.3 Number of accidents by time of day, 1994





**Table 2.7 - Number of accidents by severity of accident ,  
1990 - 1994**

Year	Severity of accident				
	Fatal	Serious	Slight	No injury	Total
1990	130	235	2,167	7,784	10,316
1991	160	207	2,655	10,417	13,439
1992	110	276	2,828	11,157	14,371
1993	130	226	2,819	11,477	14,652
1994	142	263	2,647	12,675	15,727

**Table 2.8 - Total number of accidents involving hit and run cases, 1994**

Accident \ Period	Jan - June	Jul - Dec	Total
Vehicles v/s Pedestrians	35	29	64
Vehicles v/s Vehicles	220	221	441
<b>Total</b>	<b>255</b>	<b>250</b>	<b>505</b>

Table 2.9 - Number of accidents by severity of accident and police district, 1993 - 1994

Police district	1993					1994				
	Severity of accident					Severity of accident				
	Fatal	Serious	Slight	No injury	Total	Fatal	Serious	Slight	No injury	Total
Port Louis (South)	13	23	223	1,968	2,227	10	8	232	2,154	2,404
Port Louis (North)	12	55	414	1,314	1,795	13	70	411	1,414	1,908
Pamplemousses/Rivière du Rempart	21	40	477	1,173	1,711	31	53	475	1,377	1,936
Moka/Flacq	20	32	494	1,435	1,981	22	38	465	1,741	2,266
Grand Port/Savanne	19	15	337	818	1,189	14	20	287	918	1,239
Upper Plaines Wilhems	17	19	312	1,869	2,217	15	11	291	2,026	2,343
Plaines Wilhems/Black River	28	42	562	2,900	3,532	37	63	486	3,045	3,631
Whole Island	130	226	2,819	11,477	14,652	142	263	2,647	12,675	15,727

Table 2.10 - Number of accidents by severity of accident and weather conditions, 1993 - 1994

Weather conditions	1993					1994				
	Severity of accident					Severity of accident				
	Fatal	Serious	Slight	No injury	Total	Fatal	Serious	Slight	No injury	Total
Fine	116	205	2,613	10,635	13,569	134	254	2,556	12,263	15,207
Rainy	13	18	196	817	1,044	8	9	89	401	507
Fog/mist	--	1	2	10	13	--	--	1	10	11
Other	1	2	8	15	26	--	--	1	1	2
All conditions	130	226	2,819	11,477	14,652	142	263	2,647	12,675	15,727

Table 2.11 - Number of accidents by severity of accident and light conditions, 1993 - 1994

Light conditions	1993					1994				
	Severity of accident					Severity of accident				
	Fatal	Serious	Slight	No injury	Total	Fatal	Serious	Slight	No injury	Total
Day light	81	149	2,161	9,467	11,858	100	188	2,082	10,780	13,150
Dark - no street lighting	17	34	179	454	684	6	17	92	219	334
Dark - street lighting on	30	41	477	1,549	2,097	36	58	463	1,654	2,211
Dark - street lighting off	2	2	2	7	13	--	--	10	22	32
All conditions	130	226	2,819	11,477	14,652	142	263	2,647	12,675	15,727

Table 2.12 - Number of accidents by severity of accident and apparent cause of accident , 1993 - 1994

Apparent cause of accident	1993					1994				
	Severity of accident					Severity of accident				
	Fatal	Serious	Slight	No injury	Total	Fatal	Serious	Slight	No injury	Total
Speeding	16	17	85	261	379	6	11	61	93	171
Improper overtaking	2	6	69	200	277	3	5	34	122	164
Signal violation	1	--	6	16	23	1	--	5	7	13
Followed too closely	1	2	29	517	549	1	--	35	452	488
Vehicle skidded	5	21	185	474	685	5	12	119	301	437
Improper signing	--	2	20	34	56	1	2	14	27	44
Inefficient brake	--	--	13	24	37	--	1	4	14	19
Burst tyres	--	1	14	25	40	1	1	3	22	27
Careless driving	65	125	1,588	8,756	10,534	104	219	2,033	11,423	13,779
Negligence of pedestrian	30	34	473	66	603	19	12	287	39	357
Other mechanical defect	--	1	16	40	57	1	--	5	22	28
Other causes	10	17	321	1,064	1,412	--	--	47	153	200
<b>All causes</b>	<b>130</b>	<b>226</b>	<b>2,819</b>	<b>11,477</b>	<b>14,652</b>	<b>142</b>	<b>263</b>	<b>2,647</b>	<b>12,675</b>	<b>15,727</b>

Table 2.13 - Number of accidents by severity of accident and type of road, 1993- 1994

Type of road	1993					1994					
	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	29	17	20	111	969	1,117	21	30	149	1,130	1,330
Main road	886	46	77	809	3,356	4,288	46	104	798	3,683	4,631
Secondary road	582	32	79	924	2,468	3,503	39	77	889	2,716	3,721
Other road	384	35	50	975	4,684	5,744	36	52	811	5,146	6,045
All roads	1,881	130	226	2,819	11,477	14,652	142	263	2,647	12,675	15,727

Table 2.14 - Number of accidents by severity of accident and road characteristics, 1993- 1994

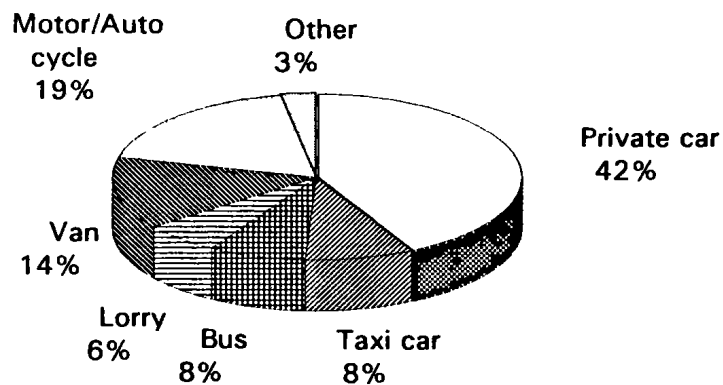
Road characteristics	1993					1994				
	Severity of accident					Severity of accident				
	Fatal	Serious	Slight	No injury	Total	Fatal	Serious	Slight	No injury	Total
Straight	107	185	2,222	9,715	12,229	127	236	2,286	11,155	13,804
Curve	12	25	274	866	1,177	12	18	245	1,061	1,336
Roundabout	3	--	31	232	266	--	2	36	231	269
Hill crest	4	3	21	69	97	--	2	8	48	58
Signalised intersection	1	2	20	64	87	--	2	15	27	44
Uncontrolled junction	1	--	101	210	312	2	2	29	75	108
Road works present	1	2	18	38	59	--	--	6	8	14
Defective road surface	--	7	56	102	165	--	1	20	40	61
Other	1	2	76	181	260	1	--	2	30	33
All characteristics	130	226	2,819	11,477	14,652	142	263	2,647	12,675	15,727

**Table 2.15 - Number of vehicles<sup>1</sup> involved in accidents  
by type of vehicle, 1993 - 1994**

Type of vehicle	1993		1994	
	Number of vehicles	%	Number of vehicles	%
Private car	10,702	41.6	11,735	42.5
Taxi car	1,996	7.8	2,307	8.3
Bus	2,088	8.1	2,162	7.8
Lorry	1,732	6.7	1,679	6.1
Van	3,569	13.9	3,905	14.1
Motor/Auto cycle	4,938	19.2	5,134	18.6
Pedal cycle	481	1.9	464	1.7
Other motor vehicle	187	0.7	200	0.8
Other non-motor vehicle	12	0.1	32	0.1
<b>All vehicles</b>	<b>25,705</b>	<b>100</b>	<b>27,618</b>	<b>100</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, 1994**





**Table 2.16 - Number of motor-vehicles<sup>1</sup> involved in accidents by type of vehicle and nature of damage, 1993 - 1994**

Type of vehicle	1993				1994			
	Seriously damaged	Slightly damaged	No damage	Total	Seriously damaged	Slightly damaged	No damage	Total
Private car	169	9,838	570	10,577	131	11,022	555	11,708
Taxi car	34	1,883	72	1,989	38	2,192	75	2,305
Bus	27	1,894	154	2,075	25	1,993	138	2,156
Lorry	21	1,499	191	1,711	24	1,505	145	1,674
Van	64	3,313	170	3,547	65	3,703	131	3,899
Motor/Auto cycle	55	4,658	177	4,890	73	4,855	181	5,109
Other motor-vehicle	5	147	21	173	3	184	27	214
<b>All vehicles</b>	<b>375</b>	<b>23,232</b>	<b>1,355</b>	<b>24,962</b>	<b>359</b>	<b>25,454</b>	<b>1,252</b>	<b>27,065</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, 1994

Age - group (years)	Drivers			Riders			Total		
	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes
15 - 18	754	3	757	388	4	392	1,142	7	1,149
19 - 24	1,549	41	1,590	1,069	6	1,075	2,618	47	2,665
25 - 34	7,020	117	7,137	1,821	5	1,826	8,841	122	8,963
35 - 44	7,205	125	7,330	1,029	2	1,031	8,234	127	8,361
45 - 54	3,314	30	3,344	528	1	529	3,842	31	3,873
55 - 60	907	11	918	116	--	116	1,023	11	1,034
Over 60	613	8	621	64	--	64	677	8	685
All ages	21,362	335	21,697	5,015	18	5,033	26,377	353	26,730

<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, 1993 - 1994

Driving experience	1993			1994		
	Number of drivers/riders			Number of drivers/riders		
	Male	Female	Both sexes	Male	Female	Both sexes
No licence	31	2	33	33	--	33
Learner driver's licence	642	6	648	676	2	678
Licence with less than 2 years experience	586	12	598	505	9	514
Licence with more than 2 years experience	22,106	399	22,505	24,305	342	24,647
All categories	23,365	419	23,784	25,519	353	25,872

**Table 2.19 - Casualties by class of road users, 1993 - 1994**

Class of Road users	1993		1994	
	Number	%	Number	%
Pedestrian	1,213	29	1,205	31
Passenger	898	22	766	19
Driver	299	7	287	7
Rider	1,392	33	1,370	35
Pedal cyclist	358	9	319	8
<b>All road users</b>	<b>4,160</b>	<b>100</b>	<b>3,947</b>	<b>100</b>

**Fig. 2.5 - Casualties by class of road users, 1994**

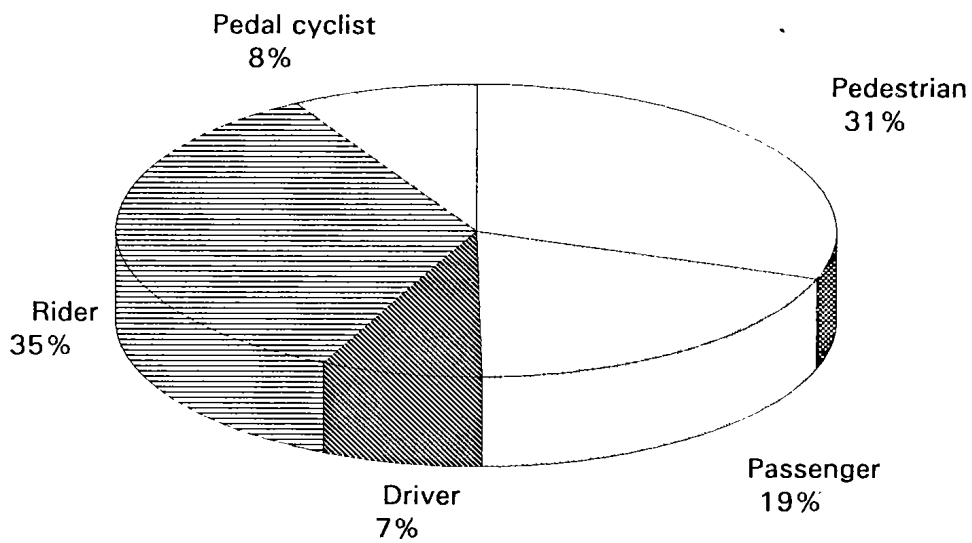


Table 2.20 - Number of casualties by degree of injury and class of road users, 1993 - 1994

Class of Road users	1993					1994				
	Degree of injury					Degree of injury				
	Fatal	Seriously injured	Slightly injured	Total	%	Fatal	Seriously injured	Slightly injured	Total	%
Pedestrian	56	95	1,062	1,213	29	54	104	1,047	1,205	31
Passenger	38	88	772	898	22	32	61	673	766	19
Driver	17	38	244	299	7	9	33	245	287	7
Rider	31	79	1,282	1,392	33	48	114	1,208	1,370	33
Pedal cyclist	15	22	321	358	9	11	18	290	319	8
All road users	157	322	3,681	4,160	100	154	330	3,463	3,947	100

Table 2.21 - Number of casualties by age-group and sex, 1994

Age-group (years)	Class of casualty											
	Pedestrians			Passenger			Driver/Rider/Cyclist			Total Casualties		
	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes
Under 7	40	31	71	9	9	18	5	1	6	54	41	95
7 - 12	86	57	143	19	9	28	20	--	20	125	66	191
13 - 20	117	47	164	62	41	103	269	34	303	448	122	570
21 - 40	350	108	458	333	113	446	1,263	48	1,311	1,946	269	2,215
41 - 50	136	50	186	66	44	110	229	9	238	431	103	534
51 - 60	57	22	79	12	10	22	72	2	74	141	34	175
Over 60	68	36	104	9	30	39	22	2	24	99	68	167
All ages	858	354	1,205	480	230	766	1,880	96	1,976	3,244	703	3,947

Table 2.22 - Pedestrian casualties by age-group, 1993 - 1994

Age-group (years)	1993			1994		
	Population <sup>1</sup> (mid year)	Pedestrian casualties		Population <sup>1</sup> (mid year)	Pedestrian casualties	
		Number	Per 100,000 population		Number	Per 100,000 population
Under 7	140,988	89	63	143,903	71	49
7 - 12	115,993	192	165	111,573	143	128
13 - 20	164,501	152	92	169,692	164	97
21 - 40	372,204	459	123	373,205	458	123
41 - 50	116,540	155	133	124,790	186	149
51 - 60	69,483	81	116	70,066	79	113
Over 60	83,101	85	102	84,717	104	123
All ages	1,062,810	1,213	113	1,077,946	1,205	112

<sup>1</sup> population based on 1990 Population Census



# PART III

# PETROLEUM PRODUCTS



**Table 3.1 Evolution of price of gasoline and gas oil,  
1983 - 1994**

Year (as at end of)	Gasoline		Gas-oil	
	Price	Index	Price	Index
	(Rs/Litre)	(1983 = 100)	(Rs/Litre)	(1983 = 100)
1983	7.27	100.00	4.41	100.00
1984	8.15	112.10	4.85	109.98
1985	8.15	112.10	4.85	109.98
1986	7.70	105.91	4.51	102.27
1987	7.70	105.91	4.51	102.27
1988	7.70	105.91	4.51	102.27
1989	7.70	105.91	4.51	102.27
1990 <sup>1</sup>	11.00	151.31	6.80	154.20
1991 <sup>2</sup>	9.50	130.67	5.50	124.72
1992	9.50	130.67	5.50	124.72
1993	9.50	130.67	5.50	124.72
1994	9.50	130.67	5.50	124.72

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

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

**Table 3.2 - Sales (quantity) of gasoline and gas-oil,  
1983 - 1994**

Year	Gasoline		Gas-oil	
	Quantity (000 Litre)	Index (1983 = 100)	Quantity (000 Litre)	Index (1983 = 100)
1983	45,577	100.00	63,478	100.00
1984	46,785	102.65	64,890	102.22
1985	47,484	104.18	67,800	106.81
1986	51,484	112.96	74,118	116.76
1987	59,359	130.24	82,919	130.63
1988	64,671	141.89	91,043	143.42
1989	74,255	162.92	96,183	151.52
1990	83,848	183.97	108,231	170.50
1991	85,574	187.76	113,033	178.07
1992	95,181	208.84	125,146	197.15
1993 <sup>1</sup>	100,412	220.31	136,083	214.38
1994 <sup>2</sup>	108,400	237.84	146,900	231.42

Source : Main distributors

<sup>1</sup> revised

<sup>2</sup> provisional

Table 3.3 - Imports of motor spirit and gas oil by country of origin , 1993 - 1994

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

Item	Country of origin	Unit	1993 <sup>1</sup>		1994 <sup>2</sup>	
			Quantity	Value	Quantity	Value
Motor spirit (Gasoline)	Kuwait	( 000 ) L	--	--	22,338	52,550
	Saudi Arabia	"	--	--	26,745	63,595
	South Africa Rep.	"	102,027	260,256	59,937	135,472
			102,027	260,256	109,020	251,617
Gas oil	Kuwait	( 000 ) L	--	--	37,508	90,163
	Saudi Arabia	"	--	--	80,463	192,686
	South Africa Rep.	"	210,035	564,438	131,360	306,752
			210,035	564,438	249,331	589,601

<sup>1</sup> Revised

<sup>2</sup> Provisional

Table 3.4 - Imports of lubricating oils and greases by country of origin, 1993 -1994

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

Item	Country of origin	Unit	1993 <sup>1</sup>		1994 <sup>2</sup>	
			Quantity	Value	Quantity	Value
Lubricating oil containing not less than 70% by weight of petroleum products	Belgium	( 000 ) L	97	1,573	136	2,255
	France	"	430	8,688	458	9,829
	Germany Fed. Rep.	"	9	340	1	177
	Italy	"	14	286	27	534
	Japan	"	25	847	31	1214
	United Arab Emirates	"	16	354	--	--
	Netherlands	"	18	286	--	--
	Singapore	"	602	8,705	816	13,143
	South Africa Rep.	"	6,141	80,012	6,211	83,860
	United Kingdom	"	53	1,439	60	1,926
	United States	"	8	343	23	508
	Other countries	"	20	981	29	501
				<b>7,433</b>	<b>103,854</b>	<b>7,792</b>
Lubricating greases containing not less than 70% by weight of petroleum products	Australia	M/ton	3.9	466	--	--
	France	"	14.8	455	33.5	944
	Hong Kong	"	--	--	3.1	285
	Italy	"	--	--	2.4	54
	Singapore	"	--	--	12.1	315
	South Africa Rep.	"	141.7	3092	123.0	2815
	Other countries	"	2.0	318	1.5	188
			<b>162.4</b>	<b>4,331</b>	<b>175.6</b>	<b>4,601</b>

<sup>1</sup> Revised

<sup>2</sup> Provisional

MINISTRY OF WORKS  
TRAFFIC MANAGEMENT UNIT  
**ACCIDENT REPORT FORM**

**1. TIME**  
POLICE STATION.....  
Day Month Year  
1.1 Date of accident  
1.2 Day of week  
1. Sunday 2. Tuesday 3. Thursday  
4. Wednesday 5. Friday  
6. Saturday 7. Sunday  
Hrs mins  
1.3 Time 24 hours

**2. EXACT LOCATION OF ACCIDENT**  
2.1 Name of village or town.....  
2.2 Name of street or road.....  
2.3 Distance of site of accident from the nearest junction or school or social welfare centre or any other place for location  
Distance..... Name of junction or place .....

**3. VEHICLE RECORD**  
3.1 Number of vehicle(s) involved in the accident  
3.2 Number of pedestrian(s) involved in the accident  
3.3 Type of vehicle(s) involved  
01. Private Car 05. Van 09. Other motor vehicle  
02. Taxi Car 06. Motor cycle/Autocycle 10. Other non-motor vehicle  
03. Bus 07. Pedal cycle 11. Property damage  
04. Lorry 08. Pedestrian  
(1) Type (insert appropriate code as above)  
(2) Registration Number  
(3) Insurance Company .....

**4. DAMAGE TO VEHICLES**  
1. Seriously damaged 2. Slightly damaged 3. No damage  
Vehicle No. 1 2 3  
Vehicle No. 1 2 3

**5. IDENTIFICATION OF DRIVERS**  
(for three main vehicles mentioned in part 3.3)  
Sex: 1. Male 2. Female

	Driver No. 1		Driver No. 2		Driver No. 3	
	Sex	Age	Sex	Age	Sex	Age
(1) No licence at all						
(2) a learner driver's licence						
(3) a licence with less than 2 years' experience						
(4) a licence with more than 2 years' experience						

**6. SEVERITY OF CASUALTY**

	Number		
	Fatal	Serious	Slight
(1) Pedestrians			
(2) Pedal Cyclists			
(3) Riders (auto/motor cycles)			
(4) Drivers (motor vehicles)			
(5) Passengers			

**7. AGE GROUP AND SEX OF CASUALTIES**

	Pedestrians		Passengers		Drivers/Riders/Cyclists	
	Male	Female	Male	Female	Male	Female
(1) Under 7 yrs						
(2) 7-12 years						
(3) 13-20 years						
(4) 21-40 years						
(5) 41-50 years						
(6) 51-60 years						
(7) over 60 years						

Name of responsible officer.....  
Signature.....

**8. WEATHER CONDITIONS**  
1. Fine 2. Raining 3. Fog/mist 4 Other

**9. LIGHT CONDITIONS**  
1. Dark — no street lighting  
2. Dark — with street lighting  
3. Dark — street lights unlit

**10. ROAD CHARACTERISTICS**  
(tick three most important characteristics, if any)  
(1) Straight 01  
(2) Curve 02  
(3) Roundabout 03  
(4) Hillcrest 04  
(5) Signalised intersection 05  
(6) Uncontrolled junction road 06  
(7) Road works present 07  
(8) Defective road surface 08  
(9) Road surface dry 09  
(10) Road surface wet 10  
(11) Other, specify 11

**11. ANY APPARENT SYMPTOM OF ALCOHOL ?**  
Driver/under/cyclist Pedestrian, if any  
(1) Yes 1 3  
(2) No 2 4

**12. APPARENT CAUSE OF ACCIDENT**

01. Speeding	
02. Improper overtaking	
03. Signal violation	
04. Followed too closely	
05. Vehicle skidded	
06. Improper signing	
07. Inefficient brake	
08. Burst tyres	
09. Careless driving	
10. Negligence of pedestrian	
11. Other mechanical defect	
12. Other, specify.....	

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