



REPUBLIC OF MAURITIUS

Economic Indicators

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- 1. Road Transport and Accident Statistics - Year 1**
- 2. Construction Price Index -
1st Quarter 1996**

**MINISTRY OF ECONOMIC PLANNING & DEVELOPMENT
PORT LOUIS
MAURITIUS**

Road Transport and Accident Statistics

Year 1995

1.1 Vehicles registered as at end of 1995

As at December 1995, there were some 190,900 vehicles registered at the National Transport Authority (NTA) which represents an increase of 5.5 % over 1994 (180,900).

Slightly over half or 97,800 of the fleet consisted of autocycles and motor cycles, 34 % or 65,400, passenger cars and the remaining 15 % comprised vans (10,800), lorries (8,900), buses (2,400) and other vehicles (5,600).

1.2 Net addition during 1995

Between January and December 1995, some 14,100 vehicles were registered consisting of 9,400 new, 2,100 used imported and 2,600 re-registered. During the same period about 4,100 vehicles were put off the road, the net addition to the fleet is about 10,000. This net addition is however, around 21% lower than corresponding increases of 12,800 and 12,700 in 1993 and 1994 respectively.

1.3 Passenger transport

The total number of passenger cars inclusive of dual purpose vehicles increased by 6.5% to attain 65,400 at December 1995. In 1995, some 5,400 passenger cars were registered while around 1,500 were put off the road.

The ratio of the number of passenger cars per 1,000 population for 1995 works out to 60 against 53 in 1994.

Table 1.3 on the age composition of passenger cars shows that 61 % of the fleet were under 10 years whilst 39 % were above 10 years.

A similar table (Table 1.4) on public buses shows that 81 % of the bus fleet were under 10 years and 19 %, 10 years and over.

1.4 Imports of motor vehicles and spare parts

Data on imports of motor vehicles (Table 1.5) exclusive of auto cycles and motor cycles shows a decrease in number from 6,915 for Rs 1,301 million in 1994 to 6,726 for Rs 1,484 million in 1995. On the other hand, the number of autocycles and motor cycles imported has dropped from 8,048 in 1994 to 4,541 in 1995, representing a decrease of 44 %.

Japan was the main supplier of motor vehicles other than autocycles and motor cycles whilst France occupied the highest rank for the latter.

Table 1.6 shows that the imports of motor vehicles' spare parts has increased from Rs 163 million in 1994 to Rs 170 million in 1995.

2.1 Road accidents

The number of accidents reported at police stations decreased by 6.6 % from 15,700 in 1994 to 14,700 in 1995. Consequently, the rate of accidents per 1,000 registered motor vehicles dropped from 91 to 78.

2.2 Motor vehicles involved in accidents

The number of motor vehicles involved in accidents dropped from 27,122 in 1994, to 25,584 in 1995 representing a decrease of 6%. Private cars alone accounted for about 44% of the vehicles involved while autocycles and motor cycles, 18%, vans, 14% and the remaining 24% were other types of vehicles. (Table 2.3).

2.3 Casualties

The number of casualties reported declined by 9 % from 3,947 in 1994 to 3,586 in 1995. Out of these casualties, 173 were fatal, 280 involved serious injuries and the remaining 3,133 only slight injuries. Though the fatality rate per 100,000 population has moved up to 15.9 in 1995 from 14.3 in 1994, the fatality rate per 1,000 registered motor vehicles has remained more or less the same at 0.9.

The most vulnerable class of road users were riders of autocyclus and motor cycles with 34% of casualties followed closely by pedestrians, 31%.

2.4 Hit and run cases

Out of the 351 'hit and run' cases reported at police stations in 1995, 70 involved vehicles and pedestrians and the remaining 281, vehicles only.

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April, 1996

Definitions and General Notes

A. Vehicle Statistics:

1. Data refer to all vehicles registered at the National Transport Authority. Pedal cycles are therefore excluded.
2. The classification of vehicles used in this report, follows the definition given in Section 4 of the Road Traffic Act of 1962.

3. Vehicles include:

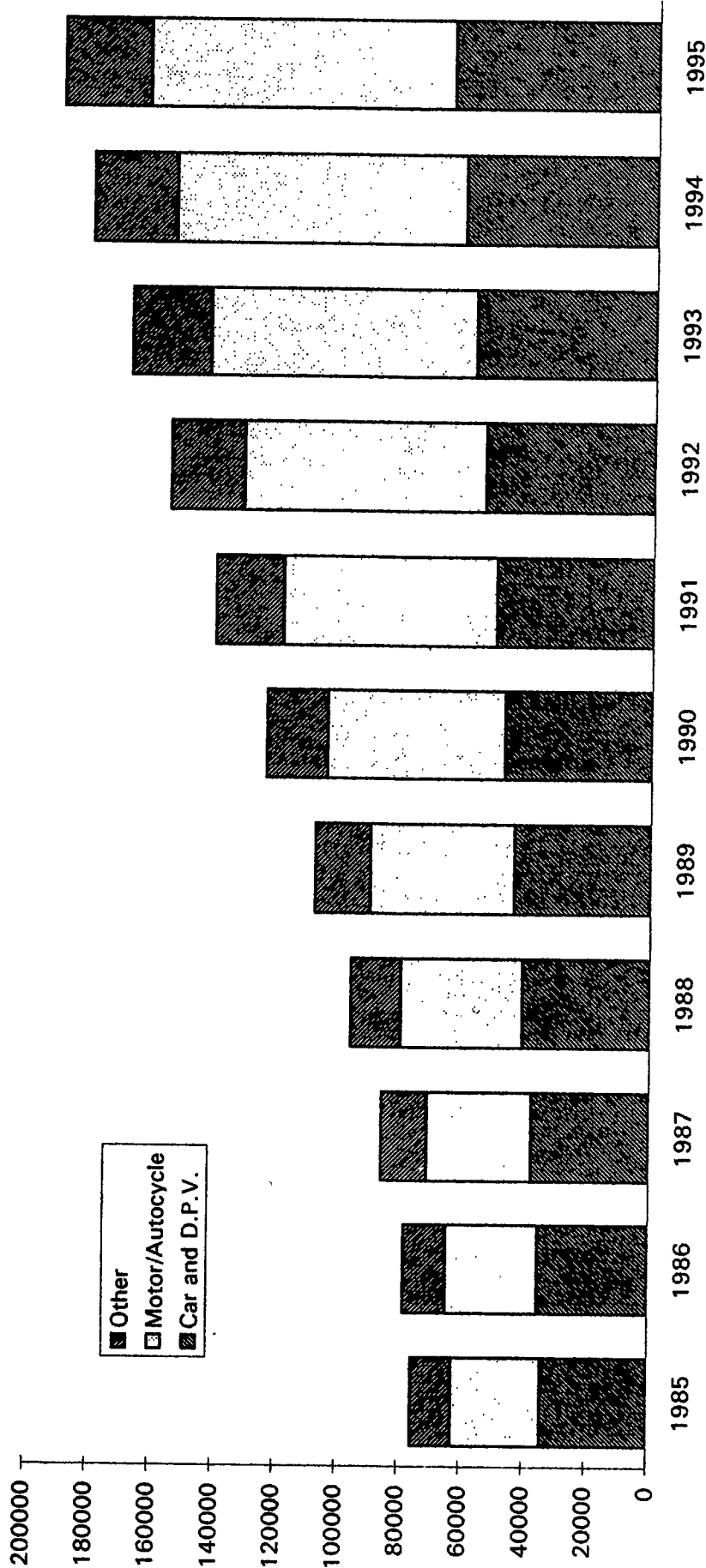
(a) **motor vehicles**, that is, power-driven vehicles normally used for carrying persons or goods by road or for drawing vehicles used for carrying persons or goods. Examples are car, dual purpose vehicle, heavy motor car, autocycles (< 50 cc), motor cycles (\geq 50 cc), lorry, van, bus, tractor etc.

and (b) **non-motorised vehicles**, for example trailer.

B. Road Traffic Accident:

1. **Accidents** refer to all road accidents as reported at the police stations.
2. **Casualties** refer to the total number of fatalities and persons injured as a result of road accidents.
3. **Fatality:** Death occurring within seven days as a result of the accident.
4. **Seriously Injured:** Fracture, concussion, internal crushings, severe cuts and laceration, severe general shock requiring medical treatment.
5. **Slightly Injured:** Secondary injuries such as sprain, bruises and cut not judged to be severe.

Fig. 1.1 - Stock of registered vehicles, 1985 - 1995



Type of vehicle	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Car and Dual Purpose Vehicle	33,982	35,124	37,544	40,566	43,379	46,793	50,016	53,942	57,393	61,378	65,374
Motor cycle and autocycle	28,528	29,564	33,560	39,093	46,404	57,094	68,574	77,739	85,540	92,970	97,809
Other	13,085	13,541	14,573	16,181	17,730	19,658	21,664	23,639	25,225	26,536	27,684
TOTAL	75,595	78,229	85,677	95,840	107,513	123,545	140,254	155,320	168,158	180,884	190,867

Table 1.1 - Number of registered vehicles ¹, 1985 - 1995

Type of vehicle	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Car	26,455	27,053	28,337	30,283	31,919	33,916	35,673	37,696	39,511	41,355	43,288
Dual Purpose Vehicle	7,527	8,071	9,207	10,283	11,460	12,877	14,343	16,246	17,882	20,023	22,086
Heavy Motor Car	400	423	454	517	624	695	766	799	826	848	898
Motor Cycle	9,014	9,205	9,436	9,912	10,560	11,937	14,740	16,880	18,829	20,461	21,492
Auto Cycle	19,514	20,359	24,124	29,181	35,844	45,157	53,834	60,859	66,711	72,509	76,317
Lorry & Truck	4,717	4,838	5,057	5,534	5,906	6,564	7,226	7,776	8,166	8,559	8,815
Van	3,440	3,636	4,115	4,788	5,600	6,637	7,602	8,749	9,663	10,292	10,851
Bus	1,369	1,360	1,529	1,771	1,858	1,929	2,021	2,097	2,217	2,276	2,362
Tractor & Dumper	1,788	1,863	1,940	2,013	2,078	2,156	2,274	2,356	2,413	2,478	2,546
Prime Mover	120	130	145	164	182	185	197	212	228	249	256
Trailer	983	997	1,039	1,083	1,151	1,155	1,231	1,288	1,333	1,428	1,534
Road Roller	97	91	87	101	98	94	96	100	106	106	107
Other	171	203	207	210	233	243	251	262	273	300	315
TOTAL	75,595	78,229	85,677	95,840	107,513	123,545	140,254	155,320	168,158	180,884	190,867
<i>Index</i>	<i>102</i>	<i>105</i>	<i>115</i>	<i>129</i>	<i>145</i>	<i>166</i>	<i>189</i>	<i>209</i>	<i>226</i>	<i>243</i>	<i>257</i>

¹ Excluding pedal cycles

Table 1.2 - Registration of Vehicles, 1995

Type	No. of Vehicles at 31.12.94	New Vehicles	Used Imported Vehicles	Re - Registered Vehicles	Vehicles off the Road ¹	No. of Vehicles at 31.12.95	Change 1995/1994
Car	41,355	1,477	1,122	553	1,219	43,288	1,933
Dual Purpose Vehicle	20,023	1,325	720	288	270	22,086	2,063
Motor Cycle	20,461	1,164	23	364	520	21,492	1,031
Auto Cycle	72,509	4,126	21	1,038	1,377	76,317	3,808
Lorry and Truck	8,559	274	132	107	257	8,815	256
Van	10,292	609	58	127	235	10,851	559
Bus	2,276	204	0	1	119	2,362	86
Other	5,409	212	43	121	129	5,656	247
TOTAL	180,884	9,391	2,119	2,599	4,126	190,867	9,983

¹ Unlicensed either temporarily or permanently

Table 1.3 - Age composition of cars and dual purpose vehicles, 1994 - 1995

Age group (Years)	as at 31st December 1994		as at 31st December 1995	
	Number	%	Number	%
< 5	22,675	37	23,598	36
5 < 10	14,010	23	16,484	25
10 < 15	3,697	6	4,218	7
≥ 15	20,996	34	21,074	32
TOTAL	61,378	100	65,374	100

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

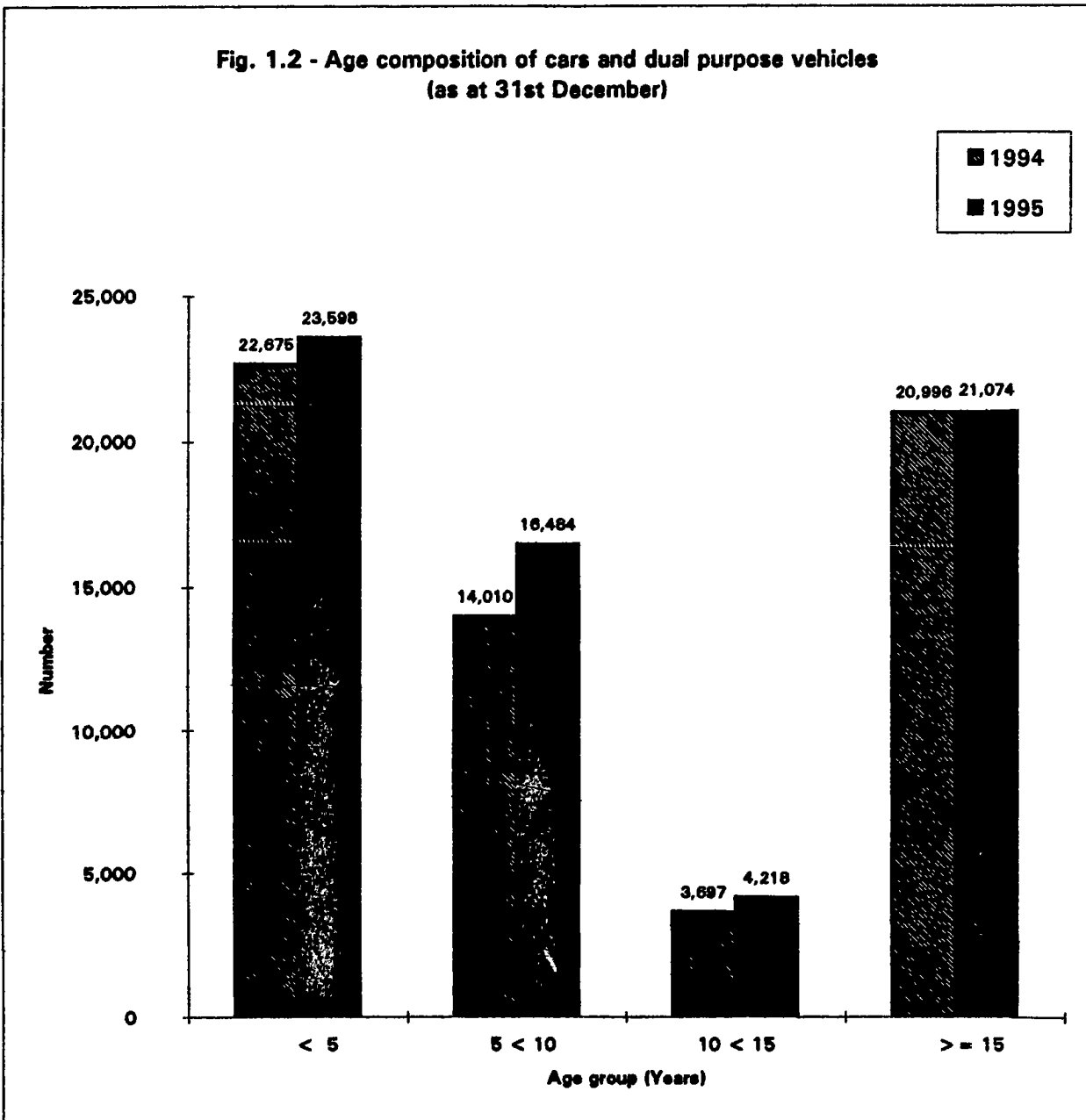


Table 1.4 - Age composition of operational bus fleet ¹, 1994 - 1995

Age group (Years)	as at 31st December 1994		as at 31st December 1995	
	Number	%	Number	%
< 5	699	41	666	38
5 < 10	656	38	756	43
10 < 15	246	14	123	7
15 < 18	114	7	220	12
TOTAL	1,715	100	1,765	100

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

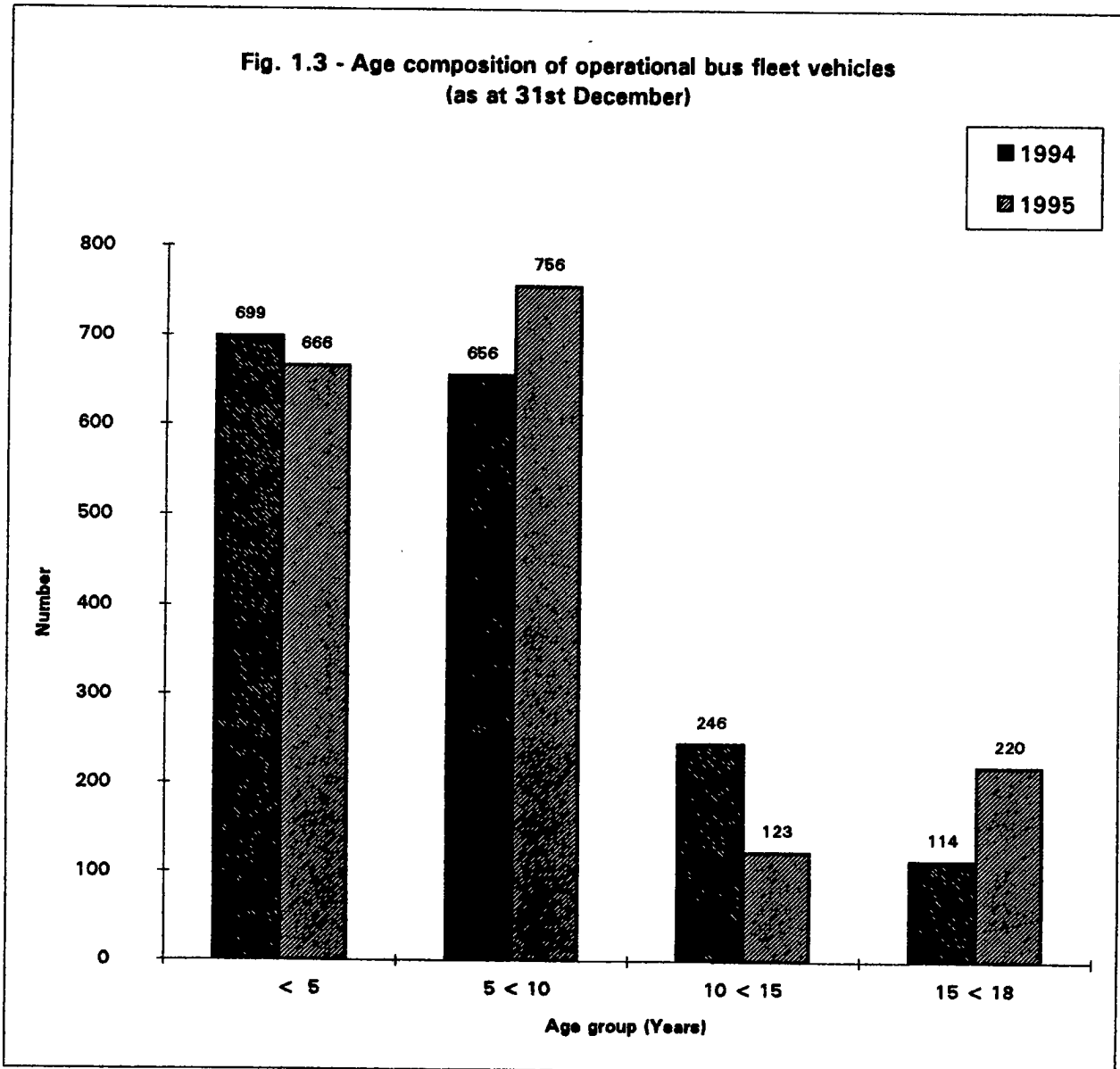


Table 1.5 - Imports of motor vehicles¹ by country of origin, 1994 - 1995

Country	Year 1994		Year 1995 ²	
	Quantity (Number)	C.I.F. Value Rs. '000	Quantity (Number)	C.I.F. Value Rs. '000
(i) Imports of motor vehicles excluding auto/motor cycles				
Japan	3,816	684,989	3,841	719,168
United Kingdom	473	112,398	694	204,173
France	887	164,532	734	203,278
Germany	396	109,377	403	129,969
South Africa	348	65,820	397	92,487
Korea	193	24,088	152	20,343
Spain	137	17,265	141	19,738
Malaysia	101	15,544	128	19,344
India	199	47,470	148	13,953
Other	365	59,027	88	61,616
TOTAL	6,915	1,300,510	6,726	1,484,068
(ii) Imports of auto/motor cycles				
France	3,880	43,476	2,308	27,698
India	3,494	23,175	1,521	9,121
Pakistan	220	4,026	103	1,322
Japan	129	3,634	414	16,985
Korea	150	1,515	172	1,965
Other	175	3,762	23	398
TOTAL	8,048	79,588	4,541	57,488

¹ Includes all motorised vehicles, (cars, auto/motor cycles, etc.)

² Provisional

Table 1.6 - Imports of motor vehicles' spare parts by country of origin, 1994 - 1995

Country	Year 1994		Year 1995 ²	
	Quantity (M/ton)	C.I.F. Value Rs. '000	Quantity (M/ton)	C.I.F. Value Rs. '000
Japan	251	39,164	330	42,645
South Africa	93	9,046	154	12,878
United Kingdom	478	20,875	398	22,261
France	135	29,392	144	30,542
India	181	11,371	115	11,412
Germany	49	11,172	58	13,008
Taiwan	94	8,519	60	6,924
U.S.A.	29	8,311	37	9,515
Italy	43	8,307	44	7,613
Malaysia	67	6,248	60	5,401
Singapore	23	1,532	21	1,408
Spain	9	2,223	10	1,895
China	55	1,516	1	76
Belgium	6	1,236	3	937
Thailand	14	589	-	-
Other	17	3,444	22	3,978
TOTAL	1,544	162,945	1,456	170,491

¹ Excluding pedal cycle

² Provisional

Table 2.1 - Comparison of Road Traffic Accidents¹, 1994 - 1995

	1994	1995	Change	
			Number	%
1. Road Traffic Accidents				
Number of accidents	15,727	14,683	-1,044	- 6.6
Rate per 100,000 population	1,459	1,350	N.A ²	N.A ²
Rate per 1,000 registered motor-vehicles	91	78	N.A ²	N.A ²
2. Motor-vehicles involved				
Number of vehicles involved	27,122	25,584	-1,538	- 5.7
Rate per 1,000 registered motor-vehicles	154	135	N.A ²	N.A ²
3. Casualties				
Total number of casualties	3,947	3,586	-361	- 9.1
Fatal	154	173	19	12.3
Seriously injured	330	280	-50	- 15.2
Slightly injured	3,463	3,133	-330	- 9.5

¹ Exclude number of accidents involving bicycles only

² N.A : Not applicable

Fig. 2.1 - Evolution of vehicles registered, 1985 - 1995

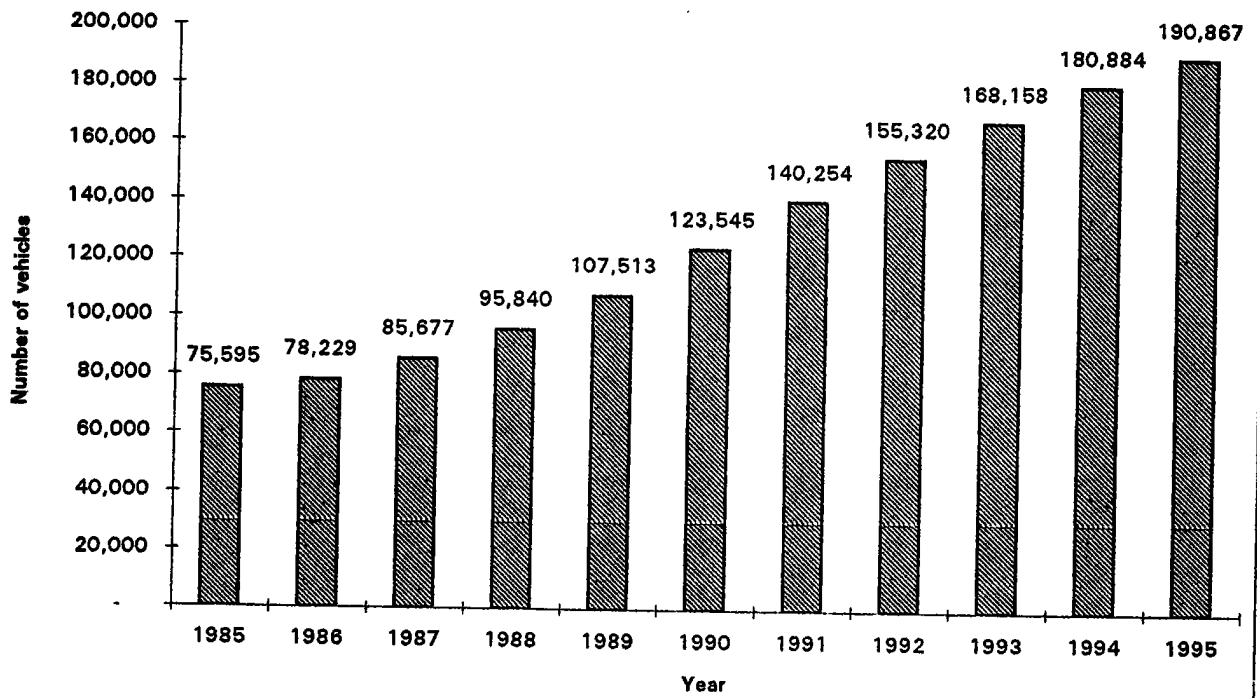


Fig. 2.2 - Evolution of road accidents, 1985 - 1995

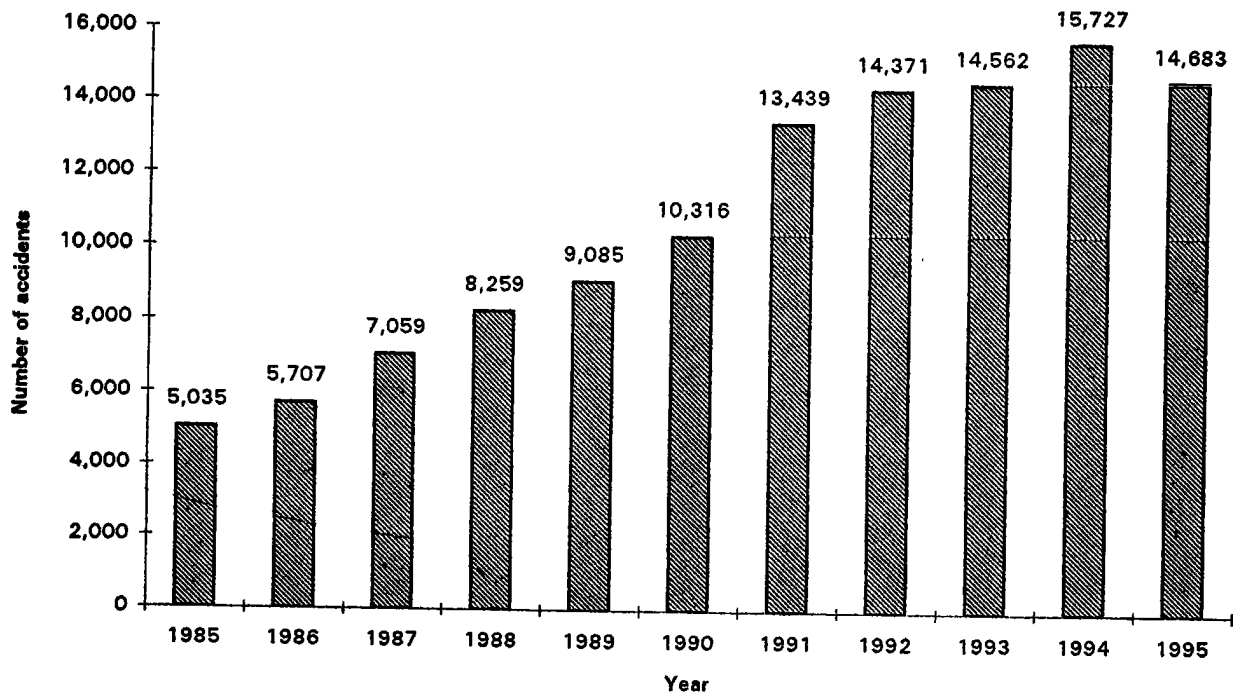


Table 2.2 - Road traffic accidents ¹ and casualties, 1985 - 1995

	<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>	<u>1995</u>
1. Road traffic accidents :											
Number	5,035	5,707	7,059	8,259	9,085	10,316	13,439	14,371	14,562	15,727	14,683
Rate per 100,000 population	511	574	703	812	893	1,007	1,227	1,369	1,378	1,459	1,350
Rate per 1,000 registered motor vehicles	67	74	87	91	89	90	102	97	91	91	78
2. Motor vehicles involved:											
Number	8,235	9,410	11,869	14,153	15,489	17,562	22,835	24,549	25,240	27,122	25,584
Rate per 1,000 registered motor vehicles	110	123	147	156	152	153	173	166	156	154	135
3. Casualties:											
Total number of casualties	2,685	2,834	3,294	3,004	3,141	3,575	4,025	4,395	4,160	3,947	3,586
Fatal	104	109	112	122	130	144	168	119	157	154	173
Seriously injured	266	226	255	282	250	315	296	378	322	330	280
Slightly injured	2,315	2,499	2,927	2,600	2,761	3,116	3,561	3,898	3,681	3,463	3,133
4. Fatality :											
Rate per 100,000 population	10.6	11.0	11.2	12.0	12.6	13.9	16.2	11.3	14.8	14.3	15.9
Rate per 1,000 registered motor vehicle	1.4	1.4	1.4	1.3	1.3	1.3	1.3	0.8	1.0	0.9	0.9
Index ²	3.9	3.8	3.4	4.1	4.1	4.0	4.2	2.7	3.8	3.9	4.8

¹ Exclude number of accidents involving bicycles only

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

Table 2.3 - Vehicles¹ involved by type, 1994 - 1995

Type of vehicle	1994						1995			
	Jan. - Jun.		Jul. - Dec.		Year		Jan. - Jun.		Jul. - Dec.	Year
	Number		Number		Number	%	Number	Number	Number	%
Private car	5,329	6,406	11,735	42.5	5,628	5,944	11,572	44.5		
Taxi car	1,096	1,211	2,307	8.4	1,104	1,162	2,266	8.7		
Bus	1,049	1,113	2,162	7.8	1,010	971	1,981	7.6		
Lorry	796	883	1,679	6.1	668	758	1,426	5.5		
Van	1,890	2,015	3,905	14.1	1,811	1,787	3,598	13.8		
Motor/Auto cycle	2,465	2,669	5,134	18.6	2,312	2,246	4,558	17.5		
Pedal cycle	203	261	464	1.7	160	236	396	1.5		
Other motor vehicle	90	110	200	0.7	68	115	183	0.7		
Other non motor vehicle	21	11	32	0.1	28	22	50	0.2		
All vehicles	12,939	14,679	27,618	100.0	12,789	13,241	26,030	100.0		

¹ Only three main vehicles have been considered in accidents involving more than three vehicles

Table 2.4 - Casualties by class of road users, 1994 - 1995

Class of Road users	1994				1995			
	Jan. - Jun.	Jul. - Dec.	Year		Jan. - Jun.	Jul. - Dec.	Year	
	Number	Number	Number	%	Number	Number	Number	%
Pedestrian	584	621	1,205	30.4	578	522	1,100	30.8
Passenger	390	376	766	18.4	388	287	675	16.9
Driver	136	151	287	7.4	161	167	328	9.8
Rider (Auto / Motor Cycle)	641	729	1,370	35.7	610	602	1,212	35.5
Pedal cyclist	156	163	319	8.0	152	119	271	7.0
All road users	1,907	2,040	3,947	100.0	1,889	1,697	3,586	100.0

Table 2.5 - Total number of accidents involving hit and run cases, 1994 - 1995

Period Accidents	1994				1995			
	Jan. - Jun.	Jul. - Dec.	Year		Jan. - Jun.	Jul. - Dec.	Year	
	Number	Number	Number	%	Number	Number	Number	%
Vehicles v/s pedestrian	35	29	64	12.7	43	27	70	19.9
Vehicles v/s vehicles	220	221	441	87.3	152	129	281	80.1
Total	255	250	505	100.0	195	156	351	100.0

Fig. 2.3 - Vehicles involved in accidents by type, 1994 - 1995

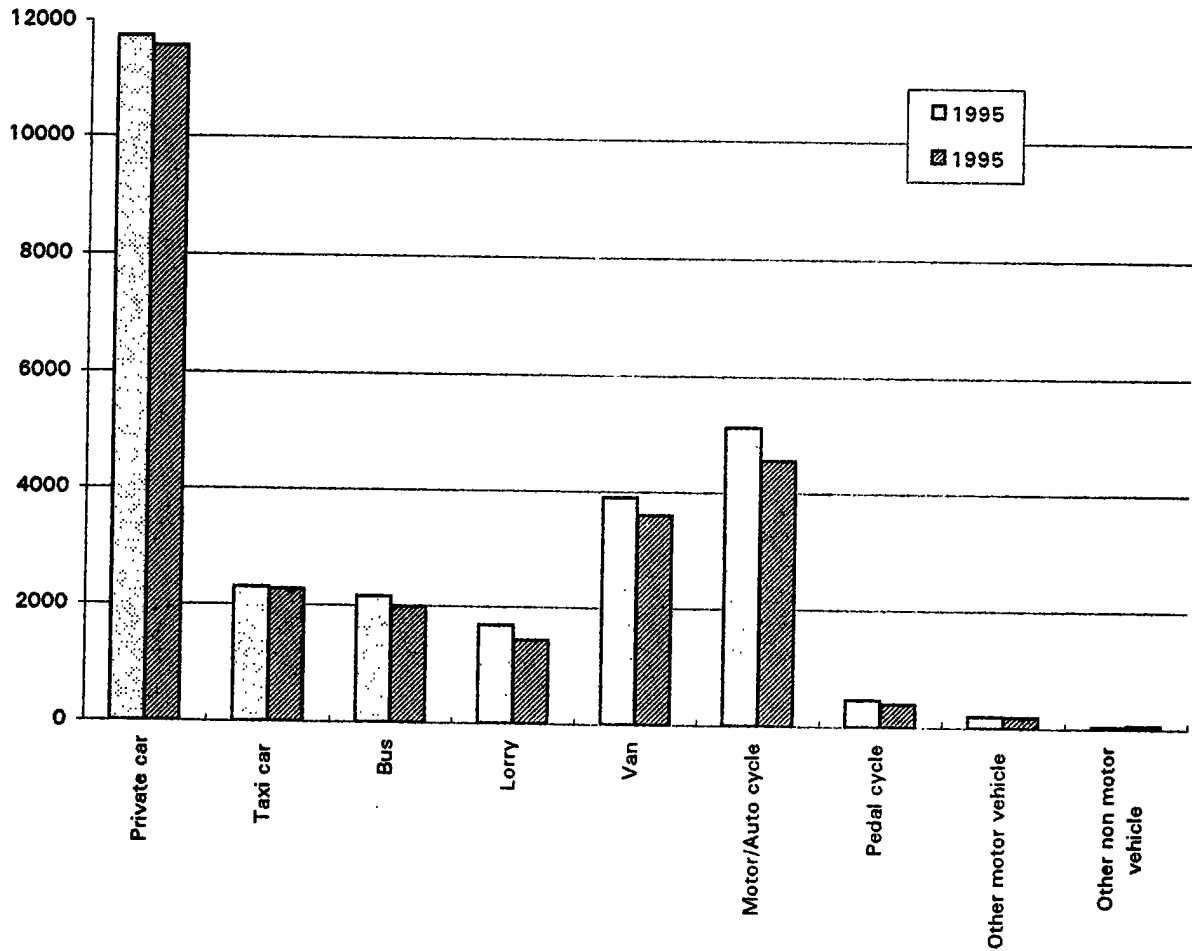


Fig. 2.4 - Casualties by class of road users, 1995

