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## Road Transport Statistics, 1987

### A. Vehicles on register as at 31st December, 1987

The total number of vehicles on the register of the National Transport Authority at the end of December 1987 was 85,677 as compared to 78,229 at the end of 1986, representing a growth of 9.5% over the period. The fleet composition changed only slightly from that of the previous year, consisting of 44% passenger cars (including 9,207 dual purpose vehicles), 39% two-wheelers, and 11% goods vehicles (5,057 lorries and 4,115 vans) while the remaining 6% included buses, trailers, tractors etc. The number of buses rose by 12% to reach 1,529 at the end of 1987. The operational bus fleet, that is buses operating on proclaimed bus routes, was 1,285 strong.

The registration of new vehicles was 7,255 during 1987 - almost a three fold increase over 1986, when the number of new vehicles registered was 2,469. This was mainly the result of a general decrease in customs duty and the remittance of duty to certain categories of public officers, on passenger cars, the registration of which reached 2,161 during 1987, that is, more than double the number in 1986.

During the year the number of second hand vehicles registered was 2,266 and included 1,080 imported vehicles, the majority of which (836) were passenger cars. The number of imported second hand vehicles increased fourfold over 1986 as a direct result of the liberalisation of such imports. The other 1,186 vehicles consisted of vehicles which had previously been put off the road but were re-registered during 1987. On the other hand, 2,073 vehicles were put off the road during the same period.

An estimate of the age distribution of motor-cars and dual purpose vehicles as at 31st December 1987 reveals that almost 40% of the fleet in these categories was under 10 years old. This is a significant improvement over 1986 when 32% of these vehicles were in that age-group. The percentage of passenger cars aged 15 years or more has again decreased-falling from 48% in 1986 to 44% in 1987. The operational bus fleet too has improved in age-composition, with 26% of its buses under 5 years old in 1987 as compared to 14% in 1986.

B. Road traffic accidents

1. Accidents

With nearly 10% more vehicles on our roads during 1987, the number of road accidents rose by 24% over 1986, to reach 7,059. The accident rate per 100,000 population correspondingly increased to 703 from 574 in 1986, while the rate of accident per 1,000 motor vehicles reached 87 as compared to 74 for the previous year.

2. Vehicles involved

The number of vehicles involved in accidents during 1987 was 12,336 (of which 11,869 motor vehicles) as compared to 9,802 in the previous year, that is a rise of 26%. Over half of the total number of vehicles involved in the road accidents were passenger cars, this category of motor vehicles constituting 44% of the whole fleet. The rate of motor vehicles involved in accidents per 1000 motor vehicles registered has again risen, this time from 123 in 1986 to 147 in 1987.

3. Casualties

For the 7,059 accidents 3,294 casualties were reported, of which 112 were fatal, 255 serious and 2,927 slight. The rise in the number of casualties as compared to that of the previous year was 16%, with a significant increase of 35% among passengers. Also, an analysis by category of road users shows that passengers have taken the lead in 1987 as the most vulnerable, with the highest proportion (35%) of casualties, followed by pedestrians with 32%.

The fatality rate, that is, the number of deaths per 100,000 population reached 317 in 1987, as compared to 274 during the previous year.

Central Statistical Office  
Rose Hill

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Table 1 - Registration of vehicles, 1987

Number

Type of vehicle	Vehicles on register as at 31.12.86	New vehicles registered during 1987	Second-hand <sup>1/</sup> registration during 1987	Vehicles put off the road <sup>2/</sup> during 1987	Vehicles on register as at 31.12.87
Car	27,053	1,357	766	839	28,337
Dual purpose vehicle	8,071	804	437	105	9,207
Motor cycle	9,205	236	303	308	9,436
Auto cycle	20,359	3,917	358	510	24,124
Lorry and truck	4,838	136	204	121	5,057
Van	3,636	437	125	83	4,115
Bus	1,360	203	12	46	1,529
Other vehicle	3,707	165	61	61	3,872
Total	78,229	7,255	2,266	2,073	85,677

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

<sup>2/</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 re-register with the National Transport Authority before it is put on the road again.

Table 2 - Age distribution of cars and dual purpose vehicles <sup>1/</sup>, 1986-1987

Age-group (years)	Number of cars and dual purpose vehicles			
	as at 31st December 1986		as at 31st December 1987	
	Number	%	Number	%
Less than 5	4,258	12	6,988	19
5 less than 10	7,010	20	7,257	19
10 less than 15	6,989	20	6,924	18
15 and over	16,867	48	16,375	44
Total	35,124	100	37,544	100

<sup>1/</sup> dual purpose vehicle : essentially a car but so designed as to be capable of carrying a certain load of goods, e.g., all hatchback cars.

Table 3 - Age composition of operational bus fleet (public transport)<sup>1/</sup> as at 31st December, 1986 - 1987

Age-group (years)	as at 31st December 1986		as at 31st December 1987	
	Number	%	Number	%
Less than 5	154	14	333	26
5 Less than 10	585	55	551	43
10 less than 15	261	24	306	24
15 less than 20	72	7	95	7
Total	1,072	100	1,285	100

<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 4 - Road traffic accidents<sup>1/</sup>, motor-vehicles involved and casualties, 1986 - 1987

	<u>Number</u>	
	1 9 8 6	1 9 8 7
<u>Road traffic accidents</u>		
Number of accidents	<u>5,707</u>	<u>7,059</u>
Rate per 100,000 population	574	703
Rate per 1,000 registered motor-vehicles	74	87
<u>Motor-vehicles involved</u>		
Number of vehicles involved	<u>9,410</u>	<u>11,869</u>
Number per 1,000 registered motor-vehicles	123	147
<u>Casualties</u>		
Total number of casualties	<u>2,834</u>	<u>3,294</u>
Fatal	109	112
Seriously injured	226	255
Slightly injured	2,499	2,927

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

Table 5 - Casualties by class of road-users, 1986-1987

Class of road users	1986		1987	
	Casualties		Casualties	
	Number	%	Number	%
Pedestrian	962	34	1,070	32
Passenger	850	30	1,146	35
Driver	252	9	300	9
Rider	476	17	462	14
Pedal cyclist	294	10	316	10
All road users	2,834	100	3,294	100



Table 6 - Number of vehicles involved in accidents by type of vehicle, 1986-1987

Type of vehicle	1 9 8 6		1 9 8 7	
	Vehicles involved		Vehicles involved	
	Number	%	Number	%
Private car	4,341	44.3	5,386	43.7
Taxi car	857	8.7	983	8.0
Bus	1,238	12.6	1,683	13.6
Lorry	788	8.0	1,130	9.2
Van	902	9.2	1,280	10.4
Motor/Auto cycle	1,166	11.9	1,292	10.5
Pedal cycle	371	3.8	445	3.6
Other motor vehicle	102	1.0	103	0.8
Other non-motor vehicle	37	0.4	34	0.3
All vehicles	9,802	100.0	12,336	100.0