

Road Transport Statistics - Year 1989

This issue of the Economic Indicators contains data on the fleet of vehicles as at December 1989 compiled from the register of the National Transport Authority (NTA). An estimate of the age composition of the fleet of cars and buses is also given. Data on road accidents were compiled from the records of the police stations.

1.1 Vehicles registered as at December 1989

As at December 1989, the fleet of vehicles comprised some 107,500 vehicles representing an increase of 12% or a net addition of around 12,000 vehicles over 1988.

Two-wheeled vehicles i.e. motorcycles and autocycles accounted for 43% of the total with 36,800 autocycles and 10,600 motorcycles. There were 43,400 passenger cars inclusive of 11,500 dual purpose of vehicles, 5,900 lorries and trucks, 5,600 vans and 1,850 buses.

1.2 Net additions during the year 1989

During 1989, the fleet of vehicles was renewed with the addition of around 14,000 vehicles of which 11,250 were new vehicles and 2,800, second-hand registrations. Some 2,400 vehicles were put off the road which brought the net addition to around 12,000.

Also, it is noted that since 1987 the fleet of passenger cars has been continuously renewed with the addition of around 2,800 cars every year. Last year 2,436 new cars were imported and second hand registration of cars numbered 1,264. Around 900 cars and dual purpose vehicles were put off the road.

The fleet of buses was also increased by 158 but since 71 old ones were put off the road, the net addition was only 87 which brought the total number to 1,858.

The number of motorcycles and autocycles increased by some 7,300 representing a 19% rise over the previous year.

As at December 1989, second-hand registration numbered 2,780 of which 1,200 or 43% related to imported vehicles. The remaining consisted of vehicles which had previously been put off the road but were re-registered during 1989.

1.3 Age composition of passenger cars and buses (public transport only)

An estimate of the age distribution of cars including dual purpose vehicles (table 1.2 refers) shows that 27% of the fleet of cars were less than 5 years old. The category 15 years and over comprised 17,900 cars representing 41% of the total.

Table 1.3 on the age composition of the bus fleet (public transport only) shows that 43% of the fleet were under 5 years, 48% were between 5 and 15 years and 9% between 15 and 30 years.

2.1 Road Accidents

Data collected from the records of the Police Stations show that during 1989 the number of road accidents reported increased by 10% to reach 9,100 from 8,250 the previous year. The accident rate measured in terms of the number of accidents per 1,000 motor vehicles was 90 compared to 91 in 1988. It is recalled that this index was 63 in 1984 and has been continuously increasing during the last five years to attain 91 in 1988. Last year, however this index dropped by one percentage point.

2.2 Casualties

The 9,100 accidents resulted in 3,078 casualties of which 126 were fatal and 250 involved serious injuries. Pedestrians remain the most vulnerable category of road users with the highest proportion of casualties (34%). Casualties among riders and pedal cyclists have increased by around 10%. The injury rate, i.e., the number of injuries per 100,000 population slightly rose from 283 in 1988 to 285 in 1989. On the other hand the fatality rate, i.e., the total number of deaths per 100,000 population remained almost at the same level as that for the previous period, i.e., at 12.

2.3 Vehicles involved

The number of vehicles involved in the accidents increased by some 1,350 to reach 15,950. In 1989, the number of passenger cars involved in accidents amounted to some 8,300 representing 52% of the total number of vehicles. The rate of vehicles involved in accidents per 1,000 motor vehicles decreased to 152 from 156 in 1988 and 147 in 1987.

Central Statistical Office
Port Louis

May 1990

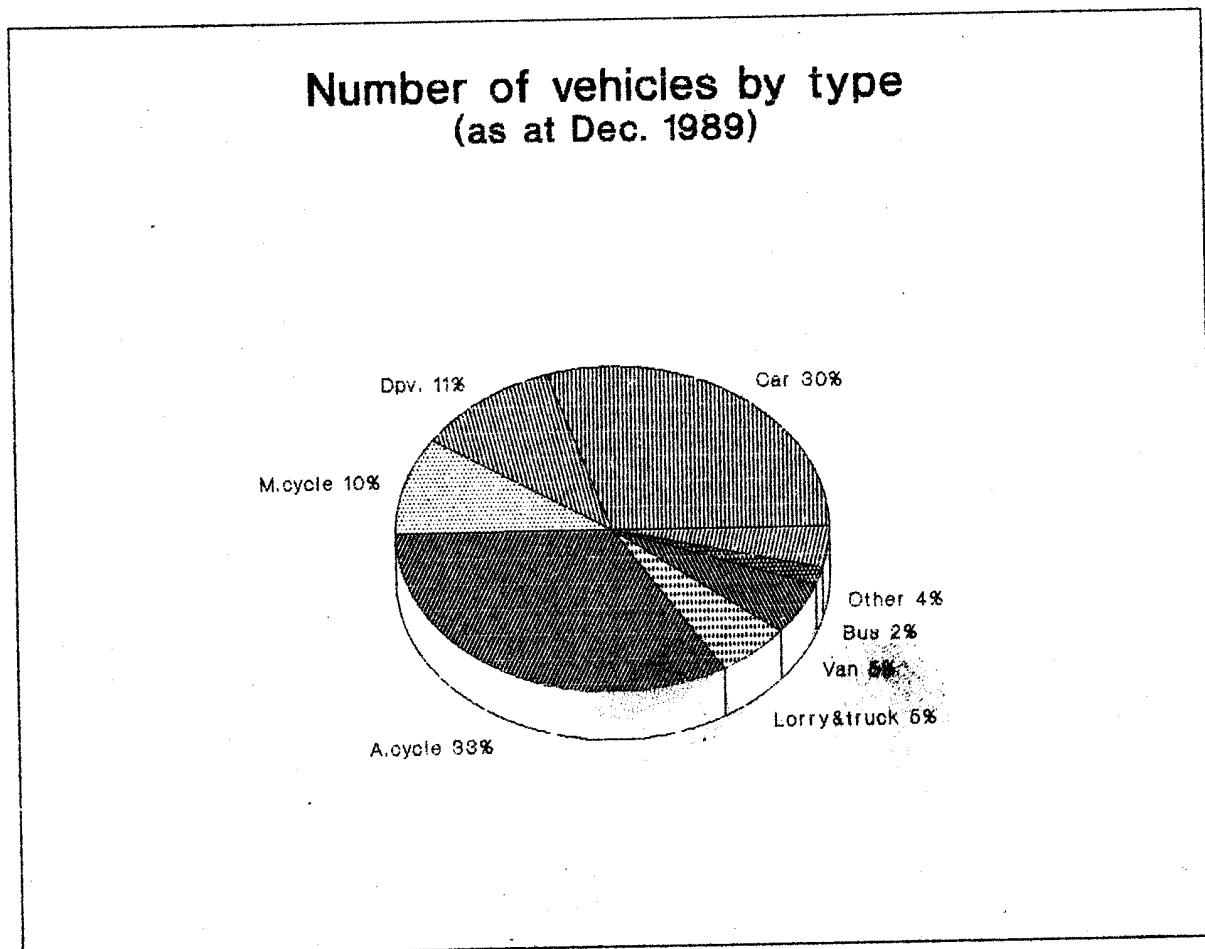
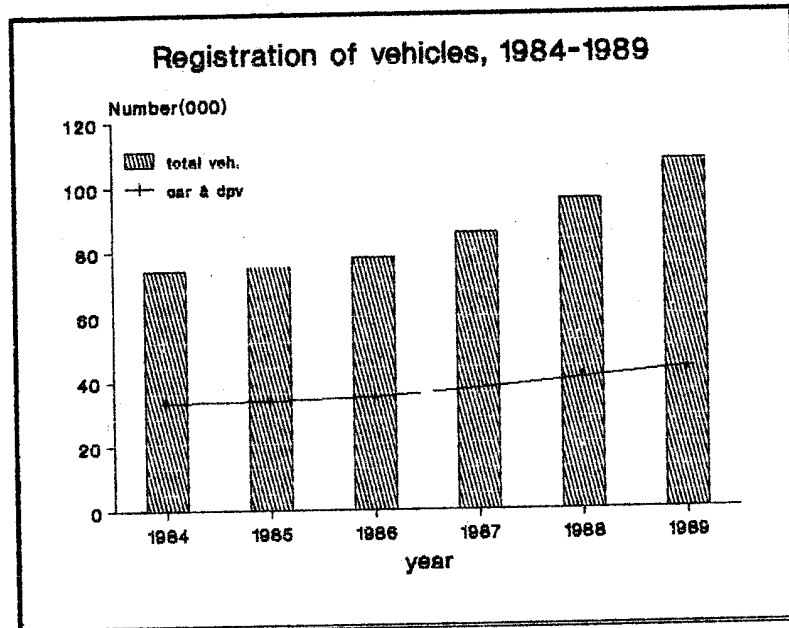


Table 1.1 - Registration of vehicles, 1989

Number

Type of vehicle	Vehicles on register as at 31.12.88	New vehicles registered during 1989	Second-hand ^{1/} registration during 1989	Vehicles put off ^{2/} the road during 1989	Vehicles on register as at 31.12.89
Car	30,283	1,540	887	791	31,919
Dual purpose vehicle	10,283	896	377	96	11,460
Motor cycle	9,912	509	396	257	10,560
Auto cycle	29,181	6,940	575	852	35,844
Lorry and truck	5,534	248	229	105	5,906
Van	4,788	656	235	79	5,600
Bus	1,771	154	4	71	1,858
Other vehicle	4,088	302	77	101	4,366
Total	95,840	11,245	2,780	2,352	107,513

^{1/} refers to imported second-hand vehicles as well as to the registration of vehicles previously put off the road.

^{2/} 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 1.2-- Age distribution of cars and dual purpose vehicles, 1/1988 - 1989

Age-group (Years)	Number of cars and dual purpose vehicles			
	As at 31st December 1988		As at 31st December 1989	
	Number	%	Number	%
Less than 5	9,541	23	11,795	27
5 less than 10	6,741	17	6,847	16
10 less than 15	6,539	16	6,883	16
15 and over	17,745	44	17,854	41
Total	40,566	100	43,379	100

1/ 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 1.3 - Age composition of operational bus fleet (public transport)^{1/} as at 31st December, 1988-1989

Age - group (years)	as at 31st December 1988		as at 31st December 1989	
	Number	%	Number	%
Less than 5	542	36	679	43
5 less than 10	466	31	374	23
10 less than 15	364	24	404	25
15 less than 20	128	9	141	9
T o t a l	1,500	100	1,598	100

^{1/} refers only to buses with a Road Service Licence, i.e., buses which operate on proclaimed routes and charge individual fares

Table 2.1 - Road traffic accidents^{1/}, motor-vehicles involved and casualties, 1988 - 1989

	<u>Number</u>	
	1 9 8 8	1 9 8 9
<u>Road traffic accidents</u>		
Number of accidents	<u>8,259</u>	<u>9,117</u>
Rate per 100,000 population	812	883
Rate per 1,000 registered motor-vehicles	91	90
<u>Motor-vehicles involved</u>		
Number of vehicles involved	<u>14,153</u>	<u>15,479</u>
Number per 1,000 registered motor-vehicles	156	152
<u>Casualties</u>		
Total number of casualties	<u>3,004</u>	<u>3,078</u>
Fatal	122	126
Seriously injured	282	250
Slightly injured	2,600	2,702

^{1/} exclude number of accidents involving bicycles only

Table 2.2 - Casualties by class of road users, 1988 - 1989

Class of road users	1988		1989	
	Casualties		Casualties	
	Number	%	Number	%
Pedestrian	1,037	35	1,038	34
Passenger	841	28	825	27
Driver	238	8	234	8
Rider	583	19	633	20
Pedal cyclist	305	10	348	11
All road users	3,004	100	3,078	100

Table 2.3 - Number of vehicles ^{1/} involved in accidents by type of vehicle, 1988-1989

Type of vehicle	1988		1989	
	Vehicles involved		Vehicles involved	
	Number	%	Number	%
Private car	6,407	43.9	6,811	42.7
Taxi car	1,381	9.5	1,476	9.3
Bus	1,839	12.6	1,817	11.4
Lorry	1,141	7.8	1,202	7.5
Van	1,498	10.3	1,829	11.5
Motor/Auto cycle	1,767	12.1	2,206	13.8
Pedal cycle	429	3.0	468	2.9
Other motor vehicle	106	0.7	104	0.7
Other non-motor vehicle	20	0.1	34	0.2
All Vehicles	14,588	100.0	15,947	100.0

^{1/} Only three main vehicles have been considered in accidents involving more than three vehicles.