

# Road Transport and Accident Statistics (January - June 1992)

## 1.1 Vehicles registered as at June 1992

As at end of June 1992, there were some 148,100 vehicles registered at the National Transport Authority (N.T.A), compared with 140,250 at December 1991, showing a net addition of some 7,900 vehicles during the six month period January - June 1992.

Nearly half of the fleet consisted of two-wheelers (73,600): auto-cycles (57,800) and motor-cycles (15,800); passenger cars inclusive of dual purpose vehicles (DPV) accounted for 35% (51,700); goods vehicles, 11% (15,700) and buses, 1% (2,100).

The number of two-wheelers on the road has more than doubled over the last five years, increasing from some 33,000 in 1987 to nearly 74,000 at June 1992.

## 1.2 Net addition, January-June 1992

Between January and June 1992, the fleet was renewed with the addition of 9,300 vehicles (7,800 new and 1,500 second hand) representing an increase of about 6% over December 1991. But, as during the same period, some 1,400 were put off the road, the net increase works out to 7,900 only. This figure is slightly lower than that of the corresponding semester of 1991, when a net addition of 8,200 was registered.

Vehicles by type show additions as follows (Table 1.1):  
Two-wheelers, +5000; passenger cars, +1,700; goods vehicles, +900; buses, +95 and other vehicles, +148.

## 1.3 Passenger cars.

During the first six months of 1992, 1,400 new and 800 second-hand passenger cars were licensed which increased the fleet size to 51,700, i.e., 3%. The total comprised 36,600 motor cars and 15,100 dual purpose vehicles.

A comparison with corresponding data relating to 1991 shows substantial increases of 42% and 21% in the acquisition of new and second hand dual purpose vehicles respectively. The registration data indicate a relatively smaller rise of only 9% in respect of new motor cars and a slight drop of around 1% in second hand motor cars.

## 2.1 Road Accidents

Data now available on road traffic accidents show a 16% increase in road accidents reported during the first semester relative to the corresponding period of 1991. Some 6,850 accidents were reported between January - June this year, compared to 5,900 last year.

Consequently, the accident rate per 100,000 population rose to 661 from 563 in the first semester of 1991. The number of accidents per 1,000 registered motor vehicles stayed at around 46.

## 2.2 Casualties

The number of casualties also increased by 18% to 2,052 from 1,743 in January - June 1991, but a drop is noted in the number of fatal cases: 53 persons were killed in road accidents against 74 in the first semester of 1991. The number of "seriously injured" rose to 173 from 125 and "minor injuries" went up to 1,826 from 1,544 in the corresponding period of last year.

Data on casualties by type of road users show that riders of motor and auto cycles accounted for 32% of the total number of casualties, followed by pedestrians, 28%; passengers, 26% and pedal cyclists, 8%.

It is recalled that in 1991, a total of 13,439 road traffic accidents were reported which resulted in 4,025 casualties of which 168 were fatal.

## 2.3 Vehicles involved

There were 11,400 motor vehicles involved in road accidents compared to 10,000 in the corresponding semester of 1991. Nearly half, or about 5,600, were passenger cars of which 4,742 were private cars and 849 taxis; two-wheelers accounted for 21% or 2,483.

A substantial increase is noted in accidents involving two-wheelers which went up by 28%, whilst those involving passenger cars rose by 12%.

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Table 1.1 - Motor vehicles<sup>1/</sup> on register as at June 1992, by type

Number

Type of vehicle	Fleet as at 1.1.92	Additions		Vehicles off the road	Fleet as at 30.6.92	Net addition Jan-June 1992
		New	Second-hand <sup>2/</sup>			
Car	35,673	833	529	475	36,560	+887
Dual purpose vehicle	14,343	589	313	72	15,173	+830
Motor cycle	14,740	1,172	97	197	15,812	+1,072
Auto cycle	53,834	4,250	196	470	57,810	+3,976
Lorry and truck	7,226	193	199	92	7,526	+300
Van	7,602	495	137	61	8,173	+571
Bus	2,021	119	2	26	2,116	+95
Other	4,815	144	27	23	4,963	+148
Total	140,254	7,795	1,500	1,416	148,133	+7,879

1/ including government vehicles

2/ refers to imported second-hand vehicles as well as to the registration of vehicles previously put off the road

Table 1.2 - Registration of vehicles by type - Jan-June 1991 to Jan-June 1992

Type of vehicle	New vehicles registered		Re-registration of vehicles		Vehicles off the road	
	Jan-June 1991	Jan-June 1992	Jan-June 1991	Jan-June 1992	Jan-June 1991	Jan-June 1992
Car	765	833	535	529	434	475
Dual purpose vehicle	416	589	259	313	48	72
Motor-cycle	1,419	1,172	136	97	137	197
Auto-cycle	4,674	4,250	220	196	502	470
Lorry	172	193	208	199	68	92
Van	324	495	159	137	39	61
Bus	61	119	2	2	26	26
Other	153	144	18	27	40	23
Total	7,984	7,795	1,537	1,500	1,294	1,416

Table 2.1 - Road Traffic Accidents <sup>1/</sup> (Jan-June 1991 and Jan-June 1992)

	<u>Jan-June</u> <u>1991</u>	<u>Jan-June</u> <u>1992</u>	<u>Change</u>	
			<u>Number</u>	<u>%</u>
<u>1. Road traffic accidents</u>				
Number of accidents	5,906	6,846	+940	(+16)
Rate per 100,000 population	563	661		
Rate per 1,000 registered motor-vehicles	45	46		
<u>2. Motor-vehicles involved</u>				
Number of vehicles involved	9,970	11,426	+1,456	(+15)
Number per 1,000 registered motor-vehicles	76	77		
<u>3. Casualties</u>				
Total number of casualties	1,743	2,052	+309	(+18)
Fatal	74	53	-21	(-28)
Seriously injured	125	173	+48	(+38)
Slightly injured	1,544	1,826	+282	(+18)

1/ exclude number of accidents involving bicycles only.

Table 2.2 - Casualties by class of road users, (Jan - June 1991 and Jan - June 1992)

Class of Road Users	Casualties			
	Jan - June 1991		Jan - June 1992	
	Number	%	Number	%
Pedestrian	524	30	567	28
Passenger	392	23	541	26
Driver	126	7	120	6
Rider	542	31	667	32
Pedal Cyclist	159	9	157	8
All road users	1,743	100	2,052	100

Table 2.3 - Number of vehicles<sup>1/</sup> involved in accidents by type of vehicles  
(Jan - June 1991 and Jan - June 1992)

Type of Vehicles	Vehicles involved			
	Jan - June 1991		Jan - June 1992	
	Number	%	Number	%
Private car	4,196	41.0	4,742	40.6
Taxi car	814	7.9	849	7.3
Bus	1,021	9.9	1,078	9.2
Lorry	645	6.3	723	6.2
Van	1,301	12.7	1,490	12.8
Motor/Auto cycle	1,937	18.9	2,483	21.3
Pedal Cycle	229	2.2	216	1.9
Other motor vehicle	56	0.5	61	0.5
Other non-motor vehicle	27	0.3	26	0.2
All Vehicles	10,226	100	11,668	100

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

Table 2.4 - Road traffic accidents<sup>1/</sup>, motor vehicles involved and casualties,  
(1990 - 1992)

Details	<u>Number</u>		
	1990	1991	Jan - June 1992
1. Number of road traffic accidents	10,316	13,439	6,846
2. Number of motor vehicles involved	17,562	22,835	11,426
3. Number of casualties	3,575	4,025	2,052
Fatal	(144)	(168)	(53)
Seriously injured	(315)	(296)	(173)
Slightly injured	(3,116)	(3,561)	(1,826)
4. Total number of motor vehicles on register	123,545	140,254	148,133

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