

Road Transport and Accident Statistics

(January - June 1991)

1.1 Vehicles registered as at June 1991

During the first six months of the year, some 8,200 additional vehicles were registered at the National Transport Authority (NTA) bringing the size of the fleet in June 1991 to 131,800. Details on the fleet composition indicates that nearly half of the total, or 63,000 comprised two-wheeled vehicles with 49,600 autocycles and 13,400 motorcycles; passenger cars accounted for 48,300 (37%), goods vehicles, 13,000 (10%) and buses, 2,000 (1%).

This net addition of 8,200 during January - June 1991 compares with an increase of 7,200 for the corresponding period of 1990 and 8,850 for the second semester of 1990. As usual, nearly 70% or 5,800, of the addition consisted of two-wheelers.

It is also noted that some 50,000 additional vehicles of which 35,000 were autocycles and motorcycles have been acquired over the last five years.

1.2 Passenger cars

The fleet of passenger cars inclusive of dual purpose vehicles was increased by about 1,500 during the first semester of 1991 compared to 1,600 in the corresponding period of 1990. Around 1,200 new cars and 800 second hand cars were registered, but as 500 were put off the road, the net increase works out to 1,500. As at end of June 1991, therefore, the number of passenger cars stood at 48,300, with 34,800 motorcars and 13,500 dual purpose vehicles.

A comparison of January - June 1991 with January - June 1990 data shows drops of 25% and 18% in the registration of new cars and dual purpose vehicles respectively. During the same period, however, registration of second hand motorcars went up by 35% whilst that of dual purpose vehicles by 62%: 1,200 new cars and 800 second cars were acquired compared to 1,550 and 560 respectively in the first six months of the year 1990.

2.1 Road accidents

Between January and June 1991, 5,900 road traffic accidents were reported at the police stations compared with 4,650 in the corresponding period of 1990 and 5,700 between July - December 1990. The first six months of 1990 therefore witnessed a substantial increase of 1,300, representing a rise of 27% over the corresponding semester of 1990. Consequently, the accident rate per 100,000 population rose to 563 from 449 in the first semester of 1990. The number of accidents per 1,000 registered motor vehicles similarly increased to 45 against 41 in the same period last year.

It is recalled that, last year, a total of 10,300 accidents were reported, which resulted in 3,575 casualties of which 144 were fatal.

2.2. Casualties

The 5,900 accidents that occurred during the first six months of the year brought about 1,743 casualties compared to 1,643 in January - June 1990. Of these, 74 were fatal against 67 in the corresponding period of 1990, 125 seriously injured and 1,544 had minor injuries.

An analysis of casualties by type of road users shows that riders accounted for 31%, pedestrians, 30%, passengers, 23%, pedal cyclists, 9% and drivers, 7%. Casualties among riders of motorcycles and autocycles maintained an upward trend, increasing by 35% over the first six months of 1990.

2.3 Vehicles involved

During the first six months of the year, there were some 10,000 vehicles involved in the road accidents representing an increase of 2,000 or 26% over the corresponding period of last year. Passenger cars including taxis accounted for 5,000 or 50% of the vehicles involved in road accidents, whilst two-wheelers represented 20%.

Central Statistical Office,
Ministry of Economic Planning and Development,
Port Louis.

September 1991

Table 1.1 - Registration of vehicles^{1/}, Jan - June 1991

Number

Type of vehicle	Vehicles on register as at 1.1.91	New	Second-hand ^{2/}	Vehicles off the road ^{3/}	Vehicles on register as at 30.6.91	Change Jan - June 91
Car	33,916	765	535	434	34,782	+866
Dual purpose vehicle	12,877	416	259	48	13,504	+627
Motor cycle	11,932	1,419	136	137	13,350	+1,418
Auto cycle	45,162	4,674	220	502	49,554	+4,392
Lorry and truck	6,564	172	208	68	6,876	+312
Van	6,637	324	159	39	7,081	+444
Bus	1,929	61	2	26	1,966	+37
Other	4,528	153	18	40	4,659	+131
Total	123,545	7,984	1,537	1,294	131,772	+8,227

^{1/} including trailers but excluding pedal cycles

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

^{3/} 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 - Registration of new vehicles, re-registration and vehicles off the road, Jan - June 90 and Jan - June 91

Type of vehicle	New vehicles registered		Re-registration of vehicles		Vehicles off the road	
	Jan-June 1990	Jan-June 1991	Jan-June 1990	Jan-June 1991	Jan-June 1990	Jan-June 1991
Car	1,044	765	396	535	497	434
Dual purpose vehicle	506	416	160	259	43	48
Motor-cycle	412	1,419	137	136	136	137
Auto-cycle	4,557	4,674	181	220	477	502
Lorry	221	172	137	208	86	68
Van	428	324	161	159	36	39
Bus	59	61	1	2	15	26
Other	125	153	24	18	64	40
Total	7,352	7,984	1,197	1,537	1,354	1,294

Table 2.1 - Road traffic accidents ^{1/}, Jan - June 1990 and Jan - June 1991

	<u>Jan-June</u>	<u>Jan-June</u>	<u>C h a n g e</u>	
	<u>1990</u>	<u>1991</u>	<u>No.</u>	<u>(%)</u>
1. Road traffic accidents				
Number of accidents	4,653	5,906	+1,253	(+27)
Rate per 100,000 population	449	563		
Rate per 1,000 registered motor-vehicles	41	45		
2. Motor-vehicles involved				
Number of vehicles involved	7,922	9,970	+2,048	(+26)
Number per 1,000 registered motor-vehicles	69	76		
3. Casualties				
Total number of casualties	1,643	1,743	+1,000	(+6)
Fatal	67	74	+7	(+10)
Seriously injured	155	125	-30	(-19)
Slightly injured	1,421	1,544	+123	(+9)

1/ exclude number of casualties involving bicycles only

Table 2.2 - Casualties by class of road users, Jan-June 1990 and Jan-June 1991

Class of Road Users	C a s u a l t i e s			
	Jan-June 1990		Jan-June 1991	
	Number	%	Number	%
Pedestrian	528	32	524	30
Passenger	496	30	392	23
Driver	110	7	126	7
Rider	384	23	542	31
Pedal Cyclist	125	8	159	9
All road users	1,643	100	1,743	100

Table 2.3 - Number of vehicles^{1/} involved in accidents by type of vehicle.
Jan-June 1990 and Jan-June 1991

Type of vehicle	Vehicles involved			
	Jan-June 1990		Jan-June 1991	
	Number	%	Number	%
Private car	3,340	41.1	4,196	41.0
Taxi car	781	9.6	814	7.9
Bus	850	10.5	1,021	9.9
Lorry	593	7.3	645	6.3
Van	1,020	12.6	1,301	12.7
Motor/Auto cycle	1,298	15.9	1,937	18.9
Pedal cycle	188	2.3	229	2.2
Other motor vehicle	37	0.5	56	0.5
Other non-motor vehicle	13	0.2	27	0.3
All vehicles	8,120	100.0	10,226	100.0

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

Table 2.4 - Road traffic accidents^{1/}, motor-vehicles involved and casualties,
January - June 1991

D e t a i l s	Number		
	1 9 8 9	1 9 9 0	1 9 9 1 Jan-June
1. <u>Total number of vehicles on register</u>	107,513	123,545	131,772
of which passenger cars	43,379	46,793	48,286
autocycles and motorcycles	46,404	57,094	62,904
2. <u>Number of road traffic accidents</u>	9,085	10,316	5,906
3. <u>Number of motor-vehicles involved</u>	15,489	17,562	9,970
4. <u>Number of casualties</u>	3,141	3,575	1,743
of which Fatal	130	144	74
Seriously injured	250	315	125
Slightly injured	2,761	3,116	1,544

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