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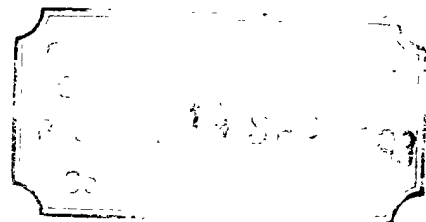
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ROAD TRANSPORT

AND

ACCIDENT STATISTICS

MINISTRY OF ECONOMIC PLANNING & DEVELOPMENT
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MAURITIUS



Road Transport and Accident Statistics

(January - June 1993)

1.1 Vehicles registered as at June 1993

There were some 161,550 vehicles registered at the National Transport Authority (N.T.A) as at the end of June 1993, compared to 155,320 at the end of December 1992, showing a net addition of about 6,200 vehicles during the first semester of 1993.

Nearly half of the fleet consisted of motorised two-wheelers (81,900): autocycles (63,900), motorcycles (18,000). Passenger cars inclusive of dual purpose vehicles (D.P.V) constituted 35% (55,200) of the fleet, goods vehicles, 11% (17,200), and buses 1% (2176).

1.2 Net additions

During the period January to June 1993, the fleet was strengthened with the addition of 8,400 vehicles (6,800 new and 1,600 second hand), but as some 2,200 were put off the road, the net increase works out to 6,200 only. This figure, however, is lower than the increase of about 8,000 registered during the corresponding semester of 1992 and is, in fact explained by a reduction of about 1000 in the registration of new vehicles and an increase of 800 in vehicles put off the road.

Net additions by type of vehicles are as follows (Table 1.2): two-wheelers + 4100; passenger cars +1,260; goods vehicles +700; buses +80 ; and other vehicles + 90.

1.3 Passenger transport

During the first semester of 1993, 1200 new and 900 second hand passenger cars were licensed which increased the fleet size to 55,200. Registration of new passenger cars which had increased substantially by around 7% annually during the previous two years, increased by only 2% during the first semester of 1993. The total comprised 38,300 motor cars and 16,900 D.P.V's.

During the same period, 153 new buses were registered, while 75 were put off the road bringing the total number of buses at June 1993 to 2175.

2.1 Road accidents

Between January and June 1993, 6950 accidents were reported at the Police Stations showing a slight increase of about 1% over the first semester of 1992. The accident rate, i.e. the number of accidents per 100,000 population remained at the 1992 level of 661 and the number of accidents per 1000 registered motor vehicles dropped slightly to 44 from 46 in 1992.

2.2 Casualties

Whilst the number of casualties stood at the same level of about 2050 as during the first six months of 1992, the number of fatal cases increased considerably from 53 to 84. Cases involving serious injuries dropped by 14% from 173 to 159 in 1993, and those with slight injuries by 2% during the corresponding period.

Casualties by class of road users show that riders of motor and auto cycles remained the most vulnerable, accounting for 33% of the total number, followed by pedestrians 28%, passengers 23% and pedal cyclists 8%.

It is recalled that during the whole year 1992, a total of 14,371 road traffic accidents was reported which resulting in 4,395 casualties of which 119 were fatal.

2.3 Vehicles involved

There were 11,832 vehicles involved in road accidents during the period, almost the same number as during the corresponding period of last year. Nearly half (5,830) were passenger cars of which 4,979 were private cars and 851 taxis; motorised two-wheelers accounted for 21% or 2,432. An increase of 5% was noted in accidents involving private cars whilst those involving goods vehicles rose by 10%.

Table 1.1 - Vehicles * Registered , 1984 - 1993

Type of vehicle	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993 (June)
Car	26,274	26,455	27,053	28,337	30,283	31,919	33,916	35,673	37,696	38,337
Dual Purpose Vehicle	7,212	7,527	8,071	9,207	10,283	11,460	12,877	14,343	16,246	16,869
Heavy Motor Car	373	400	423	454	517	624	695	766	799	815
Motor Cycle	8,882	9,014	9,205	9,436	9,912	10,560	11,937	14,740	16,880	17,983
Auto Cycle	19,223	19,514	20,359	24,124	29,181	35,844	45,157	53,834	60,859	63,861
Lorry & Truck	4,671	4,717	4,838	5,057	5,534	5,906	6,564	7,226	7,776	7,922
Van	3,265	3,440	3,636	4,115	4,788	5,600	6,637	7,602	8,749	9,297
Bus	1,364	1,369	1,360	1,529	1,771	1,858	1,929	2,021	2,097	2,176
Tractor & Dumper	1,742	1,788	1,863	1,940	2,013	2,078	2,156	2,274	2,356	2,390
Prime Mover	116	120	130	145	164	182	185	197	212	215
Trailer	976	983	997	1,039	1,083	1,151	1,155	1,231	1,288	1,304
Road Roller	105	97	91	87	101	98	94	96	100	111
Other	166	171	203	207	210	233	243	251	262	269
TOTAL	74,369	75,595	78,229	85,677	95,840	107,513	123,545	140,254	155,320	161,549

* Excluding pedal cycles

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Table 1.2 - Registration of Vehicles , (as at June 1993)

Type	No. of Vehicles at 31.12.92	New Vehicles	Used Imported Vehicles	Re - Registered Vehicles	Vehicles off the Road *	No. of Vehicles at 30.6.93	Net Addition Jan. - June
Car	37,696	748	484	129	720	38,337	+ (641)
Dual Purpose Vehicle	16,246	473	234	58	142	16,869	+ (623)
Motor Cycle	16,880	1,271	5	77	250	17,983	+ (1,103)
Auto Cycle	60,859	3,568	16	166	748	63,861	+ (3,002)
Lorry and Truck	7,776	138	84	36	112	7,922	+ (146)
Van	8,749	380	259	23	114	9,297	+ (548)
Bus	2,097	153	0	1	75	2,176	+ (79)
Other	5,017	114	5	12	44	5,104	+ (87)
TOTAL	155,320	6,845	1,087	502	2,205	161,549	+ (6,229)

* Unlicensed either temporarily or permanently

Table 1.3 - Registration of vehicles by type - Jan. - June 1992, Jan. - June 1993

Type of vehicle	New vehicles registered		Re-registration of vehicles		Vehicles off the road	
	Jan.- June 1992	Jan.- June 1993	Jan.- June 1992	Jan.- June 1993	Jan.- June 1992	Jan.- June 1993
	Car	833	748	529	613	475
Dual Purpose Vehicle	589	473	313	292	72	142
Motor Cycle	1,172	1,271	97	82	197	250
Auto Cycle	4,250	3,568	196	182	470	748
Lorry and Truck	193	138	199	120	92	112
Van	495	380	137	282	61	114
Bus	119	153	2	1	26	75
Other	144	114	27	17	23	44
TOTAL	7,795	6,845	1,500	1,589	1,416	2,205

Table 2.1 - Road Traffic accidents *, 1992 - 1993 (Jan - Jun)

	1,992	1,993	Change	
	(Jan - Jun)	(Jan - Jun)	Number	%
(1) Road Traffic Accidents				
Number of accidents	6,846	6,945	99	+1.4
Rate per 100,000 population	661	661	NA	NA
Rate per 1,000 registered motor-vehicles	46	44	NA	NA
(2) Motor-vehicles				
Number of vehicles involved	11,426	11,667	241	+2.1
Rate per 1,000 registered motor-vehicles	77	74	NA	NA
(3) Casualties				
Total number of casualties:	2,052	2,034	-18	(- 0.9)
Fatal	53	84	31	+58.5
Seriously injured	173	159	-14	(- 8.1)
Slightly injured	1,826	1,791	-35	(- 1.9)

* exclude number of accidents involving bicycles only
NA Not applicable

Table 2.2 - Road traffic accidents* and casualties, 1983- 1993

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993 (Jan - Jun)
1. Road traffic accidents :											
Number	4,447	4,681	5,035	5,707	7,059	8,259	9,085	10,316	13,439	14,371	6,945
Rate per 100,000 population	459	479	511	574	703	812	893	1,007	1,297	1,369	661
Rate per 1,000 registered motor vehicles	67	63	67	74	87	91	89	90	102	97	NA
2. Motor vehicle involved:											
Number	7,141	7,538	8,235	9,410	11,869	14,153	15,489	17,562	22,835	24,549	11,667
Rate per 1,000 registered	99	102	110	123	147	156	152	153	173	166	NA
3. Casualties:											
Total number of casualties of which	2,531	2,329	2,685	2,834	3,294	3,004	3,141	3,575	4,025	4,395	2,034
Fatal	102	82	104	109	112	122	130	144	168	119	84
Seriously injured	305	253	266	226	255	282	250	315	296	378	159
Slightly injured	2,124	1,994	2,315	2,499	2,927	2,600	2,761	3,116	3,561	3,898	1,791
4. Fatality rate											
Per 100,000 population	10.5	8.4	10.6	11.0	11.2	12.0	12.6	13.9	16.2	11.3	NA
Per 1,000 registered motor vehicle	1.4	1.1	1.4	1.4	1.4	1.3	1.3	1.3	1.3	0.8	NA
Index **	4.0	3.5	3.9	3.8	3.4	4.1	4.1	4.0	4.2	2.7	NA

* Exclude number of accidents involving bicycles only

** Index is the fatality index which is the ratio of the number of fatalities to the total number of casualties expressed as a percentage

NA Not applicable

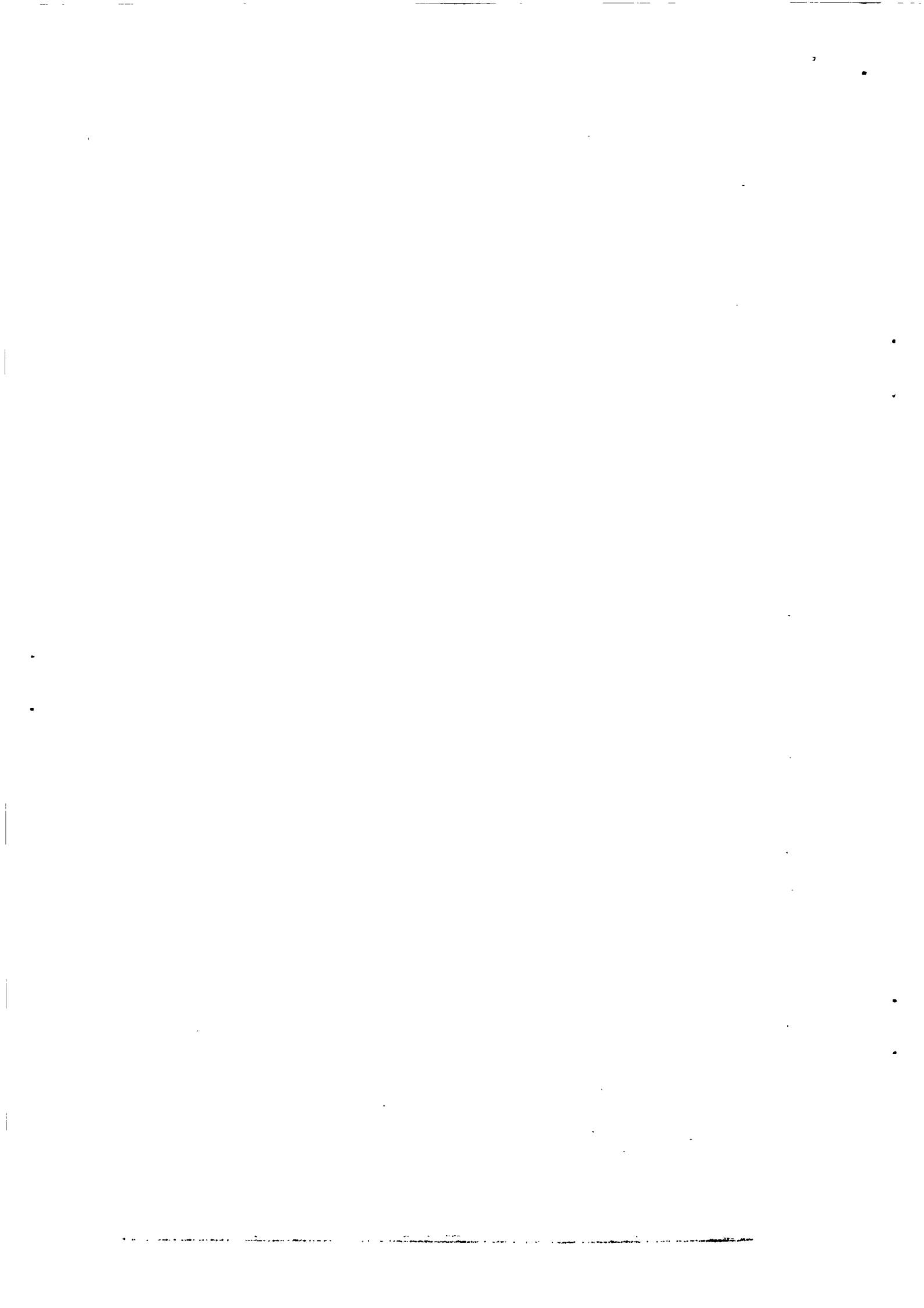


Table 2.3 - Vehicles* involved in accidents by type of vehicle, 1992- 1993

Type of vehicle	1992						1993	
	Jan-Jun		Jul-Dec		Year		Jan-Jun	
	Number	%	Number	%	Number	%	Number	%
Private car	4742	40.6	5408	40.4	10150	40.5	4979	42.1
Taxi car	849	7.3	992	7.4	1841	7.3	851	7.2
Bus	1078	9.2	1108	8.3	2186	8.7	982	8.3
Lorry	723	6.2	992	7.4	1715	6.8	730	6.2
Van	1490	12.8	1828	13.7	3318	13.2	1640	13.9
Motor/Auto cycle	2483	21.3	2637	19.7	5120	20.4	2432	20.6
Pedal cycle	216	1.9	268	2.0	484	1.9	161	1.4
Other motor vehicle	61	0.5	148	1.1	209	0.8	53	0.4
Other non-motor vehicle	26	0.2	8	0.1	34	0.1	4	0.0
All vehicles	11668	100.0	13389	100.0	25057	100.0	11832	100.0

* Only three main vehicles have been considered in accidents involving more than three vehicles. The total of all vehicles includes pedal cycles.

Table 2.4 - Casualties by class of road users, 1992 - 1993

Class of Road users	1992				1993	
	Jan - Jun	%	Jul - Dec	%	Jan - Jun	%
Pedestrian	567	28	621	26	575	28
Passenger	541	26	551	23	461	23
Driver	120	6	225	10	135	7
Rider	667	32	768	33	691	34
Pedal cyclist	157	8	178	8	172	8
All road users	2052	100	2343	100	2034	100

Fig 2.2 - Vehicles involved in accidents by type of vehicle, 1993 (Jan - Jun)

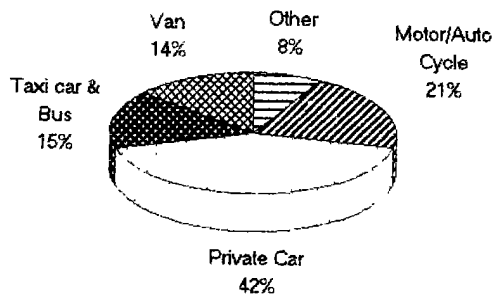


Fig 2.3 - Casualties by class of road users, 1993 (Jan - Jun)

