



MAURITIUS

Economic and Social Indicators

An Occasional Paper

ISSUE NO. 262

19 December 1997

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(January - June 1997)
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3rd Quarter 1997
(Base Year 1993=100)
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Food, Beverages and Tobacco
(April - September 1997)

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MINISTRY OF ECONOMIC DEVELOPMENT AND REGIONAL CO-OPERATION
PORT LOUIS
MAURITIUS

Road Transport and Road Accident Statistics

(January - June 1997)

1.1 Vehicles registered as at June 1997

The vehicle population registered with the N.T.A.(National Transport Authority) as at the end of June 1997 was 205,200 compared to 200,300 at the end of December 1996, showing a net increase of 4,800 vehicles or 2.4 %.

Table 1.1 on the composition of the fleet by type of vehicles shows that about 103,500 or 50% were motorcycles and autocycles, 72,400 or 35 % were cars and dual purpose vehicles while the remaining 15 % comprised vans (11,800) , lorries (9,200) , buses (2,400) and other vehicles (5,800).

1.2 Net addition between January and June 1997

Between January and June 1997, the fleet was renewed with the registration of 7,000 vehicles, consisting of 4,400 new, 1,200 used imported and 1,400 re-registered. During the same period about 2,200 vehicles were put off the road, the net addition was only 4,800.

1.3 Vehicles for the transport of passengers

The number of cars and dual purpose vehicles increased by about 3.5 % to reach 72,400 at the end of June 1997. During the first six month 3,300 cars and dual purpose vehicles (1,700 new and 1,100 used imported and 400 re-registered) were registered while around 800 were put off the road.

2.1 Road accidents

Some 7,428 accidents were reported at police stations during the period January to June 1997 compared to 7,165 for the corresponding period of 1996 which represents an increase of 3.7%. The rate of accidents per 100,000 population has increased from 1,338 to 1,364 whereas the rate per 1,000 registered motor vehicles has declined by 1% (Table 2.1 refers).

2.2 Casualties

The total number of casualties reported during the first semester of 1997 was 1,729 compared to 1,676 for the same period of last year. This increase in the number of casualties works out to 3.2%. Of these, 70 were fatal, 125 seriously injured and 1,534 slightly injured. Compared to the same period of 1996, there has been a decrease of 12.5% in fatal cases whilst increases of 35.9% and 2% were registered for seriously and slightly injured cases respectively.

Table 2.4 shows that once again riders of motor cycles (32.3%) were the most vulnerable class of road users followed by pedestrians (27.8%), passengers (22%) and the remaining accounted for drivers and pedal cyclists (17.9%).

2.3 Vehicles involved in accidents

Around 13,500 vehicles were involved in accidents during the first semester of 1997 compared to 12,850 for the corresponding period of last year, representing an increase of 5%. Passenger cars including taxis comprised 7,351 or 54% of vehicles involved, whilst motor cycles represented 14.3%, goods vehicles, 21.3% and buses, 7.5% (Table 2.3).

2.4 Hit and run cases

Between January and June 1997, 146 hit and run cases were recorded at police stations. Out of these 146 cases, 114 were accidents involving vehicles only and the remaining, vehicles and pedestrians.

Central Statistical Office

Ministry of Economic Development and Regional Co-operation

PORT LOUIS

November, 1997

Definitions and General Notes

A. Vehicle Statistics:

1. Data refer to all vehicles registered at the National Transport Authority. Pedal cycles are therefore excluded.
2. The classification of vehicles used in this report, follows the definition given in Section 4 of the Road Traffic Act of 1962.
3. **Vehicles include:**
 - (a) **motor vehicles**, that is, power-driven vehicles normally used for carrying persons or goods by road or for drawing vehicles used for carrying persons or goods. Examples are car, dual purpose vehicle, heavy motor car, motor cycle, lorry, van, bus, tractor etc.
 - and (b) **non-motorised vehicles** for example trailer.
4. Definition of some type of vehicles according to the Road Traffic Act 1962.

(a) **Motor cycle**

A motorcycle is a mechanically propelled vehicle, other than an autocycle or a vehicle classified as an invalid carriage, with not more than four wheels and whose unladen weight does not exceed 400 Kilograms.

(b) **Autocycle**

An autocycle is a two wheeled motor vehicle, with or without pedals, whose engine capacity does not exceed 50 cubic centimetres.

(c) Heavy motor car

A heavy motor car is a vehicle of the bus type designed to carry passengers but not for hire or reward.

(d) Dual purpose vehicle

A dual purpose vehicle is essentially a car but it is so designed as to be capable of carrying a certain load of goods.

B. Road Traffic Accident Statistics:

1. **Accidents** refer to all road accidents as reported at police stations.
2. **Casualties** refer to the total number of fatalities and persons injured as a result of road accidents.
3. **Fatality:** Death occurring within seven days as a result of the accident.
4. **Seriously Injured:** Fracture, concussion, internal crushing, severe cut and laceration, severe general shock requiring medical treatment.
5. **Slightly Injured:** Secondary injuries such as sprain, bruises and cuts not judged to be severe.

Fig. 1.1 - Stock of registered vehicles, January 1987 - June 1997

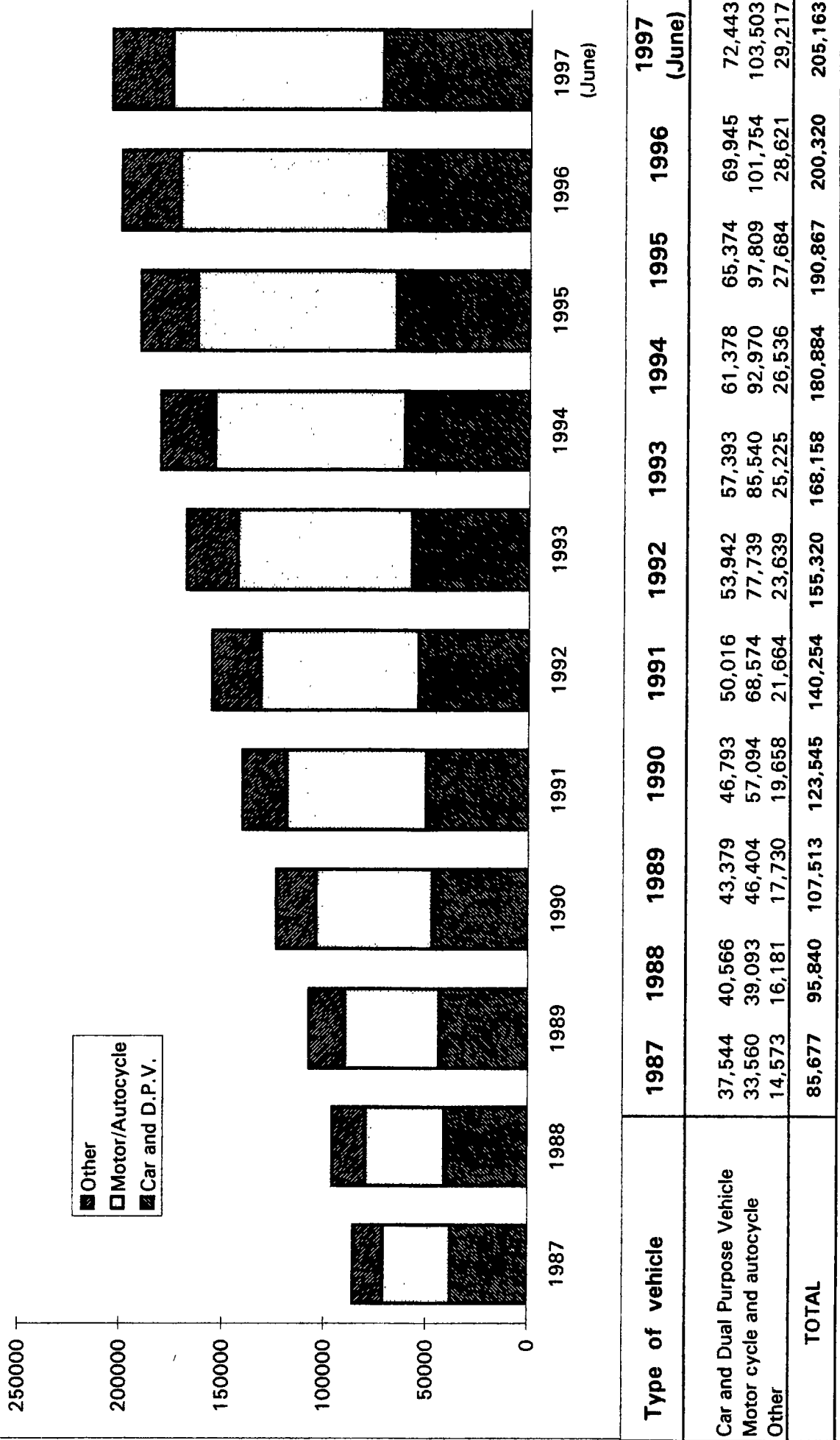


Table 1.1 - Vehicles¹ Registered , 1987 - June 1997

Type of vehicle	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997 (as at June)
Car (of which Taxi Car)	28,337 (3,358)	30,283 (3,423)	31,919 (3,464)	33,916 (3,715)	35,673 (3,965)	37,696 (4,014)	39,511 (4,050)	41,355 (4,311)	43,288 (4,439)	45,563 (4,673)	46,860 (4,693)
Dual Purpose Vehicle	9,207	10,283	11,460	12,877	14,343	16,246	17,882	20,023	22,086	24,382	25,583
Heavy Motor Car	454	517	624	695	766	799	826	848	898	922	926
Motor Cycle	9,436	9,912	10,560	11,937	14,740	16,880	18,829	20,461	21,492	22,230	22,522
Auto Cycle	24,124	29,181	35,844	45,157	53,834	60,859	66,711	72,509	76,317	79,524	80,981
Lorry & Truck	5,057	5,534	5,906	6,564	7,226	7,776	8,166	8,559	8,815	9,058	9,165
Van	4,115	4,788	5,600	6,637	7,602	8,749	9,663	10,292	10,851	11,434	11,842
Bus	1,529	1,771	1,858	1,929	2,021	2,097	2,217	2,276	2,362	2,348	2,357
Tractor & Dumper	1,940	2,013	2,078	2,156	2,274	2,356	2,413	2,478	2,546	2,580	2,616
Prime Mover	145	164	182	185	197	212	228	249	256	262	270
Trailer	1,039	1,083	1,151	1,155	1,231	1,288	1,333	1,428	1,534	1,597	1,617
Road Roller	87	101	98	94	96	100	106	106	107	106	108
Other	207	210	233	243	251	262	273	300	315	314	316
TOTAL	85,677	95,840	107,513	123,545	140,254	155,320	168,158	180,884	190,867	200,320	205,163

¹ Excluding pedal cycles , but including government vehicles

Table 1.2 - Registration of Vehicles , (as at June 1997)

Type of vehicle	No. of Vehicles at 31.12.96	New Vehicles	Used Imported Vehicles	Re - Registered Vehicles	Vehicles off the Road ¹	No. of Vehicles at 30.06.97	Net Addition
Car	45,563	979	637	279	598	46,860	+ (1,297)
Dual Purpose Vehicle	24,382	724	506	136	165	25,583	+ (1,201)
Motor Cycle	22,229	388	11	179	285	22,522	+ (293)
Auto Cycle	79,524	1,649	7	604	803	80,981	+ (1,457)
Lorry and Truck	9,058	84	45	86	108	9,165	+ (107)
Van	11,434	428	25	67	112	11,842	+ (408)
Bus	2,348	63	--	1	55	2,357	+ (9)
Other	5,782	96	14	44	83	5,853	+ (71)
TOTAL	200,320	4,411	1,245	1,396	2,209	205,163	+ (4,843)

¹ Unlicensed either temporarily or permanently

Table 1.3 - Registration of vehicles by type - Jan. - June (1996 , 1997)

Type of vehicle	New vehicles registered		Re -registration of vehicles		Vehicles off the road	
	Jan. - June 1996	Jan. - June 1997	Jan. - June 1996	Jan. - June 1997	Jan. - June 1996	Jan. - June 1997
	Car	710	979	930	916	614
Dual Purpose Vehicle	653	724	601	642	145	165
Motor Cycle	453	388	189	190	264	285
Auto Cycle	1,965	1,649	544	611	720	803
Lorry and Truck	96	84	111	131	116	108
Van	282	428	86	92	124	112
Bus	47	63	3	1	61	55
Other	98	96	57	58	67	83
TOTAL	4,304	4,411	2,521	2,641	2,111	2,209

Table 2.1 - Comparison of Road Traffic Accidents¹, Jan. - Jun.(1996 and 1997)

	1996	1997	Change	
	Jan. - Jun.	Jan. - Jun.	Number	%
1. Road Traffic Accidents				
Number of accidents	7,165	7,428	+ 263	+ 3.7
Rate per 100,000 population ³	1,338	1,364	N.A ²	N.A ²
Rate per 1,000 registered motor-vehicles ³	76	75	N.A ²	N.A ²
2. Motor-vehicles involved				
Number of vehicles involved	12,616	13,274	+ 658	+ 5.2
Rate per 1,000 registered motor-vehicles ³	134	134	N.A ²	N.A ²
3. Casualties				
Total number of casualties	1,676	1,729	+ 53	+ 3.2
Fatal	80	70	-10	- 12.5
Seriously injured	92	125	+ 33	+ 35.9
Slightly injured	1,504	1,534	+ 30	+ 2.0

¹ Exclude number of accidents involving bicycles only

² N.A : Not applicable

³ Based on previous twelve months' figures

Table 2.2 - Road traffic accidents ¹ and casualties, January 1987 - June 1997

	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u> (Jan.-Jun.)
1. Road traffic accidents :											
Number	7,059	8,259	9,085	10,316	13,439	14,371	14,562	15,727	14,683	14,845	7,428
Rate per 100,000 population ²	703	812	893	1,007	1,297	1,369	1,378	1,459	1,350	1,351	1,364
Rate per 1,000 registered motor vehicles ³	87	91	89	90	102	97	91	91	78	76	75
2. Motor vehicles involved:											
Number	11,869	14,153	15,489	17,562	22,835	24,549	25,240	27,203	25,584	26,270	13,274
Rate per 1,000 registered motor vehicles ³	147	156	152	153	173	166	156	156	137	135	134
3. Casualties:											
Total number of casualties	3,294	3,004	3,141	3,575	4,025	4,395	4,160	3,947	3,586	3,774	1,729
Fatal	112	122	130	144	168	119	157	154	173	153	70
Seriously injured	255	282	250	315	296	378	322	330	280	238	125
Slightly injured	2,927	2,600	2,761	3,116	3,561	3,898	3,681	3,463	3,133	3,383	1,534
4. Fatality :											
Rate per 100,000 population ²	11.2	12.0	12.6	13.9	16.2	11.3	14.8	14.3	15.9	13.9	12.8
Rate per 1,000 registered motor vehicle ³	1.4	1.3	1.3	1.3	1.3	0.8	1.0	0.9	0.9	0.8	0.7
Index ²	3.4	4.1	4.1	4.0	4.2	2.7	3.8	3.9	4.8	4.1	4.0

¹ Exclude number of accidents involving bicycles only

² Fatality index is the ratio of the number of fatalities to the total number of casualties expressed as a percentage

³ Based on previous twelve months figures

Table 2.3 - Vehicles¹ involved by type, January 1996 - June 1997

Type of vehicle	1996						1997	
	Jan. - Jun.		Jul. - Dec.		Year		Jan. - Jun.	
	Number	%	Number	%	Number	%	Number	%
Private car	5,739	44.7	6,175	44.7	11,914	44.7	6,164	45.7
Taxi car	1,152	9.0	1,288	9.3	2,440	9.2	1,187	8.8
Bus	995	7.7	1,001	7.2	1,996	7.5	1,010	7.5
Lorry	670	5.2	888	6.4	1,558	5.8	739	5.5
Van	1,824	14.2	2,110	15.3	3,934	14.8	2,131	15.8
Motor cycle	2,161	16.8	2,054	14.9	4,215	15.8	1,936	14.3
Pedal cycle	204	1.6	123	0.9	327	1.2	212	1.6
Other motor vehicle	75	0.6	138	1.0	213	0.8	107	0.8
Other non motor vehicle	30	0.2	36	0.3	66	0.2	16	0.1
All vehicles	12,850	100.0	13,813	100.0	26,663	100.0	13,502	100.0

¹ Only three main vehicles have been considered in accidents involving more than three vehicles

Table 2.4 - Casualties by class of road users, January 1996 - June 1997

Class of Road users	1996				1997	
	Jan. - Jun.	%	Jul. - Dec.	%	Jan. - Jun.	%
Pedestrian	503	30.0	554	26.4	481	27.8
Passenger	337	20.1	653	31.1	380	22.0
Driver	131	7.8	177	8.4	146	8.4
Rider (Motor Cycle)	561	33.5	586	27.9	558	32.3
Pedal cyclist	144	8.6	128	6.1	164	9.5
All road users	1,676	100.0	2,098	100.0	1,729	100.0

Table 2.5 - Total number of accidents involving hit and run cases, Jan. 1996 - Jun. 1997

Period	1996		1997
	Jan. - Jun.	Jul. - Dec.	Jan. - Jun.
Accidents			
Vehicles v/s pedestrian	33	26	32
Vehicles v/s vehicles	117	119	114
Total	150	145	146

Fig. 2.1 - Casualties by class of road users, 1st semester, 1996 and 1997

