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Island of Mauritius
January - June 2002

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Central Statistics Office
Ministry of Economic Development, Financial Services and Corporate Affairs
Port-Louis
Republic of Mauritius

Road Transport and Road Traffic Accident statistics (Island of Mauritius)

January – June 2002

1. Vehicles registered as at June 2002

At the end of June 2002, some 261,247 vehicles were registered at the National Transport Authority (NTA). This represents an increase of 6,098 vehicles (i.e, 2.4 %) from 255,149 at the end of December 2001.

2. Net addition between January and June 2002

Between January and June 2002, the fleet was strengthened with the registration of 8,389 vehicles, of which 52.5 % (4,402) were new, 37.8 % (3,171) were imported second-hand and the remaining 9.7 % (816) were re-registered vehicles previously out of circulation. However, during the same period, 2,291 vehicles were put off the road, so that the net addition to the fleet was 6,098. (Table 1.1)

3. Composition of the fleet

Table 1.2 gives the composition of the fleet by type of vehicle. It shows that at the end of June 2002, 46.6 % (121,814) were two-wheelers, 37.7 % (98,471) were cars and dual-purpose vehicles while the remaining 15.7 % comprised vans (21,320), lorries and trunks (11,052), buses (2,432) and other vehicles (6,158).

4. Cars and dual-purpose vehicles

The number of cars and dual-purpose vehicles was 98,471 at the end of June 2002, increasing by 3.6 % (3,405) since the beginning of the year. This increase was the result of the registration of 4,284 such vehicles (1,702 new, 2,465 imported second hand, 117 re-registered) partly offset by 879 put off the road during the first semester of 2002.

5. Road traffic accidents (based on old definition of fatal accidents)

From January to June 2002, some 8,976 accidents were reported at police stations against 9,029 for the same period last year, showing a slight decrease of 0.6 %. Among these accidents, 77 were fatal, 67 caused serious injuries, 975 resulted in slight injuries and the remaining 7,857 were non-injury accidents. Compared to the corresponding semester of last year, fatal accidents increased significantly by 42.6 % whilst serious-injury and slight-injury accidents went down by 32.3 % and 7.5 % respectively.

6. Vehicles involved in road accidents

From January to June 2002, the total number of vehicles (both motor and non-motor vehicles) involved in road accidents was 16,585 compared to 16,787 in a corresponding period of 2001. As shown in table 2.3, nearly 77 % of these vehicles were private cars (44.6 %), vans (21.2 %) and motor/auto cycles (10.9%).

7. Casualties

The number of casualties reported during the first six months of 2002 was 1,511 of which 85 were fatal, 87 were seriously injured and the remaining 1,339 slightly injured. Compared to the corresponding period of last year a marginal decrease of 1.3% (from 1531 to 1511) is noted in the total number of casualties. However, the number of fatalities (persons killed as a result of road accidents) increased significantly by 51.8 % from 56 to 85.

As shown in Table 2.4, most casualties were riders of auto/motor cycles (29.3 %), pedestrians (25.2 %) and passengers (27.8 %).

8. 'Hit and Run' cases

From January to June 2002, some 131 'hit and run' cases were reported at police stations against 211 in the corresponding period of last year (Table 2.5). Of the 131 cases, 120 were accidents involving vehicles only and the remaining 11 involved both vehicles and pedestrians.

**Central Statistics Office
Ministry of Economic Development, Financial Services and Corporate Affairs
Port Louis**

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Contact person:

Mrs Chaya Bandinah
Statistician
Traffic Management and Road Safety Unit (Tel: 210-8716)
National Transport Authority (Tel: 202-2831)

Definitions and General Notes

A. Vehicle Statistics

- I. Data refer to all vehicles registered at the National Transport Authority. Pedal cycles are therefore excluded. The classification of vehicles used in this report, follows the definition given in Section 4 of the Road Traffic Act of 1962.
2. **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, and
 - (b) **non-motorised vehicles**, for example trailer.
3. Definition of some types of vehicles according to the Road Traffic Act 1962.
 - (a) **Motor cycle**

A motor cycle 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 to be capable of carrying a certain load of goods.

B. Road Traffic Accident Statistics

1. **Accidents** refer to all accidents as reported at police stations.
2. **Casualties** refer to the total number of fatalities and persons injured as the result of road accidents.
3. **Fatalities:** Prior to 2002, fatalities were defined as deaths occurring within 7 days as a result of road accidents. Since January 2002, fatalities are defined as deaths occurring within 30 days as a result of road accidents.
4. **Serious injuries:** Fracture, concussion, internal crushing, severe cut and laceration, severe general shock requiring medical treatment.
5. **Slight injuries:** Secondary injuries such as sprain, bruises and cuts not judged to be severe.

Table 1.1 - Vehicles registered as at June 2002

Type of vehicle	No. of vehicles at 31.12.01	New vehicles Jan - June 02	Imported second - hand vehicles Jan - June 02	Re - registered vehicles ¹ Jan - June 02	Vehicles off the road ² Jan - June 02	No. of vehicles at 30.06.02	Net addition Jan - June 02
Car	58,082	1,314	2,204	34	630	61,004	2922
Dual purpose vehicle	36,984	388	261	83	249	37,467	483
Motor cycle	25,104	469	18	153	295	25,449	345
Auto cycle	94,849	1,718	10	492	704	96,365	1516
Lorry and truck	10,888	86	150	33	105	11,052	164
Van	20,694	311	482	4	171	21,320	626
Bus	2,408	60	1	3	40	2,432	24
Other	6,140	56	45	14	97	6,158	18
Total	255,149	4,402	3,171	816	2,291	261,247	6098

¹ Refers to re-registration of vehicles previously off the road² Unlicensed either temporarily or permanently

Table 1.2 - Vehicles¹ registered by type, Dec. 1992 - Dec. 2001, June 2002

Type of vehicle	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002 (June)
Car (of which taxi car)	37,696 (4,014)	39,511 (4,050)	41,355 (4,311)	43,288 (4,439)	45,563 (4,673)	48,390 (4,721)	51,051 (4,761)	52,892 (4,905)	54,911 (5,039)	58,082 (5,318)	61,004 (5,548)
Dual purpose vehicle	16,246	17,882	20,023	22,086	24,382	27,050	29,527	32,262	34,912	36,984	37,467
Heavy motor car	799	826	848	898	922	934	945	934	916	923	931
Motor cycle	16,880	18,829	20,461	21,492	22,230	22,839	23,577	24,125	24,523	25,104	25,449
Auto cycle	60,859	66,711	72,509	76,317	79,524	82,567	85,566	88,821	91,955	94,849	96,365
Lorry and truck	7,776	8,166	8,559	8,815	9,058	9,356	9,750	10,138	10,485	10,888	11,052
Van	8,749	9,663	10,292	10,851	11,434	12,469	14,508	16,814	18,807	20,694	21,320
Bus	2,097	2,217	2,276	2,362	2,348	2,359	2,367	2,344	2,394	2,408	2,432
Tractor and dumper	2,356	2,413	2,478	2,546	2,580	2,615	2,627	2,630	2,645	2,683	2,681
Prime mover	212	228	249	256	262	278	297	315	322	335	341
Trailer	1,288	1,333	1,428	1,534	1,597	1,640	1,703	1,719	1,726	1,776	1,782
Road roller	100	106	106	107	106	108	105	102	100	100	101
Other	262	273	300	315	314	317	321	319	322	323	322
Total	155,320	168,158	180,884	190,867	200,320	210,922	222,344	233,415	244,018	255,149	261,247

¹ Excluding pedal cycles but including government vehicles

Table 1.3 - Registration of vehicles by type , Jan. - June 2001 and Jan. - June 2002

Type of vehicle	New vehicles registered		Imported second - hand vehicles registered		Re-registered vehicles ¹		Vehicles put off the road ²	
	2001	2002	2001	2002	2001	2002	2001	2002
Car	779	1,314	603	2,204	266	34	533	630
Dual purpose vehicle	971	388	398	261	171	83	220	249
Motor cycle	460	469	11	18	192	153	316	295
Auto cycle	1,918	1,718	9	10	517	492	786	704
Lorry and truck	98	86	144	150	64	33	106	105
Van	763	311	525	482	78	4	157	171
Bus	48	60	1	1	0	3	41	40
Other	59	56	40	45	45	14	96	97
Total	5,096	4,402	1,731	3,171	1,333	816	2,255	2,291

¹ Refers to re-registration of vehicles previously off the road

² Unlicensed either temporarily or permanently

Table 2.1 - Road traffic accidents¹, Jan. - June 2001 and Jan. - June 2002

	Jan. - June 2001 ²	Jan. - June 2002 ²	Jan. - June 2002 ³	Change ²	
				Number	%
1. Road traffic accidents					
Number of accidents	9,029	8,976	8,976	-53	-0.6
Fatal accident	54	77	79	+23	+42.6
Serious injury accident	99	67	65	-32	-32.3
Slight injury accident	1,054	975	975	-79	-7.5
Non injury accident	7,822	7,857	7,857	+35	+0.4
2. Vehicles involved in accidents					
Number of vehicles involved	16,787	16,585	16,585	-202	-1.2
Motor vehicles	16,593	16,439	16,439	-154	-0.9
Other vehicles	194	146	146	-48	-24.7
3. Casualties					
Total number of casualties	1,531	1,511	1,511	-20	-1.3
Fatal	56	85	87	+29	+51.8
Seriously injured	126	87	85	-39	-31.0
Slightly injured	1,349	1,339	1,339	-10	-0.7

¹ Exclude accidents involving bicycles only

² Based on old definition of fatal accidents (causing deaths within 7 days of road accidents)

³ Based on new definition of fatal accidents (causing deaths within 30 days of road accidents)

Table 2.2 - Road traffic accidents¹ and casualties, 1992 - 2001, Jan. - June 2002

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002 (jan - june)
1. Road traffic accidents:											
Number	14,371	14,562	15,727	14,683	14,845	15,954	18,055	17,877	18,278	18,517	8,976
Rate per 100,000 Population	1,369	1,370	1,459	1,350	1,351	1,433	1,605	1,569	1,588	1,591	...
Rate per 1,000 registered motor vehicles	97	91	91	80	77	78	84	79	77	75	...
2. Motor vehicles involved :											
Number	24,549	25,240	27,203	25,584	26,270	28,561	32,568	32,547	33,537	33,988	16,439
Rate per 1,000 registered motor vehicles	167	158	158	139	135	140	152	144	142	137	...
3. Casualties :											
Total number of casualties	4,395	4,160	3,947	3,586	3,774	3,755	3,828	3,405	3,291	3,264	1,511
Fatal ²	119	157	154	173	153	146	162	170	163	126	85
Seriously injured ²	378	322	330	280	238	261	281	237	266	288	87
Slightly injured	3,898	3,681	3,463	3,133	3,383	3,348	3,385	2,998	2,862	2,850	1,339
4. Fatality :											
Rate per 100,000 population	11.3	14.8	14.3	15.9	13.9	13.1	14.4	14.9	14.2	10.8	...
Rate per 1,000 registered motor vehicles	0.8	1.0	0.9	0.9	0.8	0.7	0.8	0.8	0.7	0.5	...
Index ³	2.7	3.8	3.9	4.8	4.1	3.9	4.2	5.0	5.0	3.9	...

¹ Exclude accidents involving bicycles only

² Based on old definition of fatal accidents (causing deaths within 7 days of road accident). However, based on the new definition of fatal accidents (causing deaths within 30 days of road accidents), for the period Jan. to June 2002, the number of persons killed and seriously injured were 87 and 85 respectively.

³ Fatality index is the number of fatalities per 100 casualties.

... Not applicable

Table 2.3 - Vehicles¹ involved in accidents by type, January 2001 - June 2002

Type of vehicle	2001						2002	
	Jan. - June		Jul. - Dec.		Year		Jan - June	
	Number	%	Number	%	Number	%	Number	%
Private car	7,615	45.4	7,812	44.4	15,427	44.9	7,398	44.6
Taxi car	1,398	8.3	1,532	8.7	2,930	8.5	1,476	8.9
Bus	1,180	7.0	1,194	6.8	2,374	6.9	1,224	7.4
Lorry	1,011	6.0	1,049	6.0	2,060	6.0	852	5.1
Van	3,407	20.3	3,633	20.7	7,040	20.5	3,518	21.2
Motor/auto cycle	1,831	10.9	1,991	11.3	3,822	11.1	1,824	10.9
Other motor vehicle	151	0.9	184	1.0	335	1.0	147	0.9
Total motor vehicles	16,593	98.8	17,395	98.9	33,988	98.9	16,439	99.0
Pedal cycle	169	1.0	173	1.0	342	1.0	144	0.9
Other non motor vehicle	25	0.2	13	0.1	38	0.1	2	0.1
All vehicles	16,787	100.0	17,581	100.0	34,368	100.0	16,585	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 2001 - June 2002

Class of road users	2001				2002	
	Jan. - June		July. - Dec		Jan. - June	
	Number	%	Number	%	Number	%
Pedestrian	373	24.4	461	26.6	381	25.2
Passenger	366	23.9	398	23.0	420	27.8
Driver	155	10.1	187	10.8	153	10.1
Rider (auto / motor cycle)	503	32.8	539	31.1	442	29.3
Pedal cyclist	134	8.8	148	8.5	115	7.6
All road users	1,531	100.0	1,733	100.0	1,511	100.0

Table 2.5 - Total road accidents involving "hit and run" cases, January 2001 - June 2002

<div> <div>Period</div> <div>Accident</div> </div>	2001				2002	
	Jan. - June		July. - Dec		Jan. - June	
	Number	%	Number	%	Number	%
Vehicles v/s pedestrian	22	10.4	25	14.0	11	8.4
Vehicles v/s vehicles	189	89.6	154	86.0	120	91.6
Total	211	100.0	179	100.0	131	100.0