

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

January – June 2006

1. Vehicles registered as at June 2006

The number of vehicles registered at the National Transport Authority (NTA) as at 30 June 2006 was 312,227. This represents a net increase of 6,731 vehicles (2.2%) from the 305,496 vehicles registered at the end of December 2005.

2. Net increase between January and June 2006

Between January and June 2006, the fleet was strengthened with the registration of 9,104 vehicles, of which 6,118 (67%) were new, 2,538 (28%) were imported second-hand and the other 448 (5%) were re-registered vehicles previously put off the road. During the same period, 2,373 vehicles were put off the road, thus resulting in a net addition of 6,731 vehicles to the existing fleet (Table 1.1).

3. Composition of the fleet

The composition of the fleet by type of vehicles is shown in Table 1.2. At the end of June 2006, the fleet consisted mainly of motorized two-wheelers (43%), as well as cars and dual purpose vehicles (42%). The remaining 15% of the fleet comprised vans, lorries and trucks, buses and other vehicles.

4. Cars and dual purpose vehicles

The number of cars and dual purpose vehicles increased by 3,921 (3.1%) from 126,844 at the end of December 2005 to 130,765 at the end of June 2006. This net increase resulted from the registration of 4,771 vehicles (2,381 new, 2,150 imported second-hand and 240 re-registered) and the de-registration of another 850 vehicles.

5. Motor cycles and auto cycles

The number of motor cycles and auto cycles increased by 2,319 (1.7%) from 133,430 at the end of December 2005 to 135,749 at the end of June 2006.

6. Road traffic accidents

From January to June 2006, a total of 10,030 road accidents was reported, of which 899 (9%) were casualty accidents and 9,131 (91%) were non-injury accidents. A breakdown of casualty accidents by severity showed that 44 (5%) were fatal, 138 (15%) were serious injury accidents and 717 (80%) were slight injury accidents. Compared to the same period of 2005, the total number of road accidents decreased by 8.9%. Non-

injury accidents fell by 8.3%, fatal accidents by 15.4% and slight-injury accidents by 16.5%. Serious injury accidents, on the other hand, rose marginally by 0.7% (Table 2.1).

7. Vehicles involved in road accidents

The number of vehicles (motor and non-motor) involved in road accidents during the period January to June 2006 was 19,573, fewer than for the corresponding period of 2005 (21,415). As regards casualty accidents, 1,312 vehicles were involved for the period January to June 2006 against 1,588 for the same period in 2005, showing a decrease of 17.4%. As shown in Table 2.3, out of all vehicles involved in casualty accidents during the first six months of 2006, 34% were private cars, 33% motor/auto cycles, 12 % vans and 8% buses.

8. Casualties

From January to June 2006, a total of 1,189 casualties (fatalities and persons injured as a result of road accidents) were reported as compared to 1,344 for the corresponding period of 2005, i.e. a decrease of 11.5%. The number of fatalities (persons killed as a result of road accidents) decreased by 19.6% from 56 to 45 and the number of seriously injured persons by 0.6% from 156 to 155.

As shown in Table 2.4, 34 % of the casualties were riders of motor/auto cycles, 26% passengers and 23% pedestrians.

9. Hit and run cases in casualty accidents

From January to June 2006, 59 'hit and run' accidents involving casualties were reported to police stations against 88 for the corresponding period of last year (Table 2.5). Among the 59 cases, 32 were accidents involving only vehicles while the remaining 27 involved both vehicles and pedestrians.

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September 2006**

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Explanatory Notes

A. Vehicle Statistics

1. 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, and tractor;

(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 auticycle or a vehicle classified as an invalid carriage, with not more than four wheels and whose unladen weight does not exceed 400 kilograms.

(b) **Auto cycle**

An auticycle 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 Accidents

1. In this report, data on accidents refer to all road accidents reported to police stations and to insurance companies.

2. Road Traffic Accident

A road traffic accident is an accident between two or more vehicles, a vehicle and a cyclist, a vehicle and a pedestrian, a vehicle and a fixed object such as a bridge, building, tree, post, etc, or a single vehicle that overturned on or near a public road.

3. Severity of accident

Road traffic accidents are classified into the following categories according to the severity of the accident:

Fatal accident - an accident resulting in the death of one or more persons. Prior to 2002, a fatal accident was defined as an accident where deaths occurred within 7 days. As from 2002, a fatal accident is defined as an accident where deaths occurred within 30 days.

Serious injury accident - An accident in which one or more persons are seriously injured.

Slight injury accident - An accident in which one or more persons are slightly injured.

Non injury accident - An accident in which no one is killed or injured but which results in damage to the vehicle/s and/or other property only.

4. Casualty

Any person killed or injured in a road accident is referred to as a casualty.

Fatality - Any person killed during an accident, or within 30 days (7 days prior to 2002) as a result of an accident is referred to as a fatality.

Serious Injury - An injury for which a person is detained in hospital as an "in-patient" or any of the following injuries (whether or not he is detained in hospital): fractures, concussions, internal injuries, severe cuts and lacerations, crushings and severe general shock requiring medical treatment.

Slight Injury - An injury of minor character such as a sprain, bruise and cut not judged to be severe.

Table 1.1 - Vehicles¹ registered as at June 2006

Type of vehicle	No. of vehicles at 31.12.05	New vehicles Jan. - June 06	Imported second-hand vehicles Jan. - June 06	Re - registered vehicles ² Jan. - June 06	Vehicles off the road ³ Jan. - June 06	No. of vehicles at 30.06.06	Net addition Jan. - June 2006
Car	84,818	1,614	2,041	183	571	88,085	3,267
Dual purpose vehicle	42,026	767	109	57	279	42,680	654
Motor cycle	30,927	1,677	23	95	334	32,388	1,461
Auto cycle	102,503	1,578	3	8	731	103,361	858
Lorry and truck	12,047	128	61	41	103	12,174	127
Van	23,989	155	275	55	200	24,274	285
Bus	2,560	91	-	-	38	2,613	53
Other	6,626	108	26	9	117	6,652	26
Total	305,496	6,118	2,538	448	2,373	312,227	6,731

¹ excluding pedal cycles, but including government vehicles.

² refers to re-registration of vehicles previously off the road.

³ unlicensed either temporarily or permanently.

Table 1.2 - Vehicles ¹ registered by type, Dec. 1996 - Dec. 2005 and June 2006

Type of vehicle	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006 (June)
Car <i>(of which taxi car)</i>	45,563 <i>(4,673)</i>	48,390 <i>(4,721)</i>	51,051 <i>(4,761)</i>	52,892 <i>(4,905)</i>	54,911 <i>(5,039)</i>	58,082 <i>(5,318)</i>	63,307 <i>(5,801)</i>	68,524 <i>(5,979)</i>	77,342 <i>(6,482)</i>	84,818 <i>(6,798)</i>	88,085 <i>(6,830)</i>
Dual purpose vehicle	24,382	27,050	29,527	32,262	34,912	36,984	38,129	39,383	40,667	42,026	42,680
Heavy motor car	922	934	945	934	916	923	944	958	1,020	1,045	1,101
Motor cycle	22,230	22,839	23,577	24,125	24,523	25,104	25,723	26,744	28,646	30,927	32,388
Auto cycle	79,524	82,567	85,566	88,821	91,955	94,849	97,078	98,858	100,854	102,503	103,361
Lorry and truck	9,058	9,356	9,750	10,138	10,485	10,888	11,236	11,501	11,774	12,047	12,174
Van	11,434	12,469	14,508	16,814	18,807	20,694	21,750	22,496	23,326	23,989	24,274
Bus	2,348	2,359	2,367	2,344	2,394	2,408	2,450	2,460	2,457	2,560	2,613
Tractor and dumper	2,580	2,615	2,627	2,630	2,645	2,683	2,683	2,877	2,935	2,982	2,974
Prime mover	262	278	297	315	322	335	349	369	388	412	413
Trailer	1,597	1,640	1,703	1,719	1,726	1,776	1,770	1,772	1,771	1,765	1,745
Road roller	106	108	105	102	100	100	101	100	99	96	96
Other	314	317	321	319	322	323	321	329	326	326	323
TOTAL	200,320	210,922	222,344	233,415	244,018	255,149	265,841	276,371	291,605	305,496	312,227

¹ excluding pedal cycles, but including government vehicles.

Table 1.3 - Registration of vehicles by type, Jan. - June 2005 and Jan. - June 2006

Type of vehicle	New vehicles registered		Imported second - hand vehicles registered		Re -registration of vehicles		Vehicles put off the road ²	
	Jan. - June 2005	Jan. - June 2006	Jan. - June 2005	Jan. - June 2006	Jan. - June 2005	Jan. - June 2006	Jan. - June 2005	Jan. - June 2006
Car	1,610	1,614	2,099	2,041	327	183	575	571
Dual purpose vehicle	662	767	101	109	100	57	270	279
Motor cycle	1,129	1,677	21	23	150	95	326	334
Auto cycle	1,605	1,578	3	3	15	8	741	731
Lorry and truck	113	128	53	61	62	41	104	103
Van	168	155	250	275	62	55	195	200
Bus	68	91	-	-	-	-	32	38
Other	88	108	42	26	18	9	116	117
Total	5,443	6,118	2,569	2,538	734	448	2,359	2,373

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 2005 and Jan. - June 2006

	Jan. - June 2005	Jan. - June 2006	Change	
			Number	%
1. Road traffic accidents	11,007	10,030	-977	-8.9
of which				
Casualty accidents	1,048	899	-149	-14.2
<i>Fatal accident</i> ²	52	44	-8	-15.4
<i>Serious injury accident</i>	137	138	+1	+0.7
<i>Slight injury accident</i>	859	717	-142	-16.5
Non injury accident	9,959	9,131	-828	-8.3
2. Vehicles involved in accidents	21,415	19,573	-1842	-8.6
of which				
<i>Motor Vehicles</i>	21,323	19,498	-1825	-8.6
<i>Motor-vehicles involved in casualty accidents</i>	1,588	1,312	-276	-17.4
3. Casualties	1,344	1,189	-155	-11.5
<i>Fatal</i> ²	56	45	-11	-19.6
<i>Seriously injured</i>	156	155	-1	-0.6
<i>Slightly injured</i>	1,132	989	-143	-12.6

¹ exclude accidents involving bicycles only or bicycle and pedestrian.

² based on definition of fatal accidents where death occurred within 30 days.

Table 2.2 - Road traffic accidents ¹ and casualties, 1996 - 2005, Jan. - June 2006

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006 Jan.-June
1. Road traffic accidents :											
Number	14,845	15,954	18,055	17,877	18,278	18,517	18,022	19,178	19,495	22,554	10,030
Rate per 100,000 population	1,351	1,433	1,605	1,569	1,588	1,591	1,535	1,616	1,629	1,869	N/A
Rate per 1,000 registered motor vehicles	77	78	84	79	77	75	69	72	69	76	N/A
2. Motor vehicle involved :											
Number	26,270	28,561	32,568	32,547	33,537	33,988	33,119	35,239	35,506	43,741	19,573
Rate per 1,000 registered motor vehicles	135	140	152	144	142	137	127	133	126	148	N/A
3. Casualties :											
Total number of casualties of which	3,774	3,755	3,828	3,405	3,291	3,264	2,904	2,698	2,951	2,760	1,189
<i>Fatal</i> ²	153	146	162	170	163	126	158	131	144	136	45
<i>Seriously injured</i>	238	261	281	237	266	288	216	291	245	358	155
<i>Slightly injured</i>	3,383	3,348	3,385	2,998	2,862	2,850	2,530	2,276	2,562	2,266	989
4. Fatality :											
Rate per 100,000 population	13.9	13.1	14.4	14.9	14.2	10.8	13.5	11.0	12.0	11.3	N/A
Rate per 1,000 registered motor vehicles	0.8	0.7	0.8	0.8	0.7	0.5	0.6	0.5	0.5	0.4	N/A
Fatality index ³	4.1	3.9	4.2	5.0	5.0	3.9	5.4	4.8	4.9	4.9	N/A

¹ exclude accidents involving bicycles only or bicycle and pedestrian.

² from 1993 to 2001 figures are based on definition of fatal accidents where death occurred within 7 days.

as from 2002, figures are based on definition of fatal accidents where deaths occurred within 30 days.

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

Table 2.3 - Vehicles¹ involved in casualty accidents by type, January 2005 - June 2006

Type of vehicle	2005						2006	
	Jan. - June		Jul. - Dec.		Year		Jan. - June	
	Number	%	Number	%	Number	%	Number	%
Private car	651	38.8	614	37.3	1,265	38.0	476	34.0
Taxi car	58	3.5	39	2.4	97	2.9	39	2.8
Bus	110	6.5	108	6.5	218	6.6	108	7.7
Lorry	51	3.0	79	4.8	130	3.9	47	3.4
Van	210	12.5	190	11.5	400	12.0	166	11.9
Motor/auto cycle	493	29.3	503	30.6	996	29.9	462	33.0
Other motor vehicles	15	0.9	25	1.5	40	1.2	14	1.0
Total motor vehicles	1,588	94.5	1,558	94.6	3,146	94.6	1,312	93.8
Pedal cycle	92	5.5	85	5.2	177	5.3	87	6.2
Other non motor vehicles	-	-	3	0.2	3	0.1	-	-
All vehicles	1,680	100.0	1,646	100.0	3,326	100.0	1,399	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 2005 - June 2006

Class of road users	2005				2006	
	Jan. - June		Jul. - Dec.		Jan. - June	
	Number	%	Number	%	Number	%
Pedestrian	295	21.9	322	22.7	267	22.5
Passenger	349	26.0	370	26.1	312	26.2
Driver	206	15.3	242	17.1	127	10.7
Rider (auto/motor cycle)	408	30.4	403	28.5	404	34.0
Pedal cyclist	86	6.4	79	5.6	79	6.6
All road users	1,344	100.0	1,416	100.0	1,189	100.0

Table 2.5 - Casualty accidents involved in "hit and run" cases, January 2005 - June 2006

Accident	2005				2006	
	Jan. - June		Jul. - Dec.		Jan. - June	
	Number	%	Number	%	Number	%
Vehicles v/s pedestrians	39	44.3	34	52.3	27	45.8
Vehicles v/s vehicles	49	55.7	31	47.7	32	54.2
Total	88	100.0	65	100.0	59	100.0