

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

January – June 2016

1. Vehicles registered as at June 2016

At the end of June 2016, there were 496,755 vehicles registered at the National Transport Authority (NTA). This represents a net increase of 10,611 vehicles (2.2%) as compared to end of year 2015 when the number of registered vehicles was 486,144 (Table 1.1).

During the first semester of 2016, the fleet was strengthened with the registration of 13,198 vehicles, of which 8,367 (63.4%) were new, 4,486 (34.0%) were imported second-hand and 345 (2.6%) were re-registered vehicles; i.e., those which had been previously put off the road. During the same period 2,587 vehicles were put off the road. The net addition to the existing fleet worked out to 10,611 vehicles (Table 1.1).

2. Composition of fleet

A breakdown of the fleet by type of vehicle is given in Table 1.2. At the end of June 2016, the fleet consisted of 49.8% (247,575) cars, double cab pickup and dual purpose vehicles and 39.6% (196,631) auto/motor cycles. The remaining 10.6% comprised vans (27,375), lorries and trucks (14,495), buses (3,079) and other vehicles (7,600).

3. Vehicles used for transport of passengers

3.1 *Cars, double cap pickup and dual purpose vehicles*

At the end of June 2016, the number of cars, double cab pickup and dual purpose vehicles was 247,575, a rise of 3.0% over the figure of 240,289 as at end of December 2015. This increase resulted from the registration of 8,266 such vehicles (3,900 new, 4,221 imported second-hand and 145 re-registered), partly offset by 980 vehicles that were put off the road.

3.2 *Buses*

At the end of June 2016, there were 3,079 registered buses, out of which 2,008 or 65.2% were 'public' buses operating with a road service licence. During the first semester of 2016, some 147 new buses were registered while 48 buses were put off the road, resulting in an increase of 99 buses.

4. Motor cycles and auto cycles

At the end of June 2016, there were 196,631 motor cycles and auto cycles. This represents a net increase of 2,943 (+1.5%) against 193,688 at the end of December 2015.

5. Road traffic accidents

The number of road accidents registered during the first semester of 2016 went up by 6.0% to reach 14,452 as compared to 13,635 recorded during the corresponding period of 2015. Among these accidents, the majority, 13,074 (90.5%) were non-injury, 68 fatal, 227 caused serious injuries and 1,083 slight injuries.

Compared to the same period of 2015, casualty accidents went up by 1.4% and non-injury accidents rose by 6.5%. The number of fatal and slight injury accidents increased by 3.0% and 3.4% respectively whilst serious injury accidents decreased by 7.7%. (Table 2.1)

6. Vehicles involved in road accidents

During the first semester of 2016, the total number of vehicles (both motor and non-motor) involved in road accidents was 28,294 (+6.1%) against 26,671 in the corresponding period of the preceding year. The number of motor vehicles involved in accidents resulting in casualties was 2,064 during the first semester of 2016 against 2,032 for the same period of 2015. Table 2.3 shows that 34.3% of these vehicles were private cars, another 38.1% were motor/auto cycles, 6.7% were buses and 6.0 % were vans.

7. Casualties

The number of casualties (fatalities and persons injured as a result of road accidents) went up by 2.1% from 1,871 during the first semester of 2015 to 1,911 during the corresponding period of 2016. Among the casualties, 72 were fatal, 275 were seriously injured and the remaining 1,564 were slightly injured.

Compared to the corresponding period of 2015, the number of persons who died as a result of road accidents went up by 5.9% from 68 to 72 and those slightly injured increased by 2.6% from 1,525 to 1,564. On the other hand seriously injured persons went down by 1.1% from 278 to 275 (Table 2.1).

Table 2.4 shows that, among the casualties during the first semester of 2016, some 23.5% were passengers, 40.3% riders of auto/motor cycles, 15.6% pedestrians, 16.3% drivers and 4.2% pedal cyclists.

Out of the 72 persons who died in road accidents during the first semester of 2016, the most vulnerable ones were riders/pillion riders of motorised two wheelers (33) and pedestrians (23) (Table 2.6).

8. Hit and run cases of accidents causing casualties

During the first six months of 2016, some 72 'hit and run' cases causing casualties were reported as compared to 102 during the same period of 2015. Out of these 72 cases, 69.4% (50) involved vehicles only while the other 30.6% (22) involved both vehicles and pedestrians (Table 2.5).

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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 and subsequent amended Act No. 27 of 2012.

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 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) **Auto cycle**

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.

(e) **Double cab pickup**

Double cab pickup means a motor vehicle which has –

- (i) a front passenger cabin which contain 2 rows of seats and is capable of seating a maximum of 4 persons excluding the driver,
- (ii) at least 2 doors capable of being opened separately; and
- (iii) an open pickup area behind the passenger cabin.

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 as a result of an accident is referred to as a fatality.

Injury definition

(i) As from January 2013:

(a) Serious Injury - An injury for which a person is admitted to hospital as an "in-patient" for more than 24 hours.

(b) Slight Injury - An injury for which a person has received medical care but has not been admitted to hospital for more than 24 hours.

(ii) Prior to January 2013:

(a) 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.

(b) 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 2016

Type of vehicle	No. of vehicles at 31.12.15	New vehicles Jan. - June 16	Imported second-hand vehicles Jan. - June 16	Re - registered vehicles ² Jan. - June 16	Vehicles off the road ³ Jan. - June 16	No. of vehicles at 30.06.16	Net addition Jan. - June 2016
Car	188,299	3,284	4,202	122	621	195,286	6,987
Dual purpose vehicle	49,301	-	14	-	200	49,115	- 186
Double cab pickup ⁴	2,689	616	5	23	159	3,174	485
Motor cycle	77,603	2,912	22	150	391	80,296	2,693
Auto cycle	116,085	968	-	-	718	116,335	250
Lorry and truck	14,372	120	68	18	83	14,495	123
Van	27,229	261	142	25	282	27,375	146
Bus	2,980	147	-	-	48	3,079	99
Other	7,586	59	33	7	85	7,600	14
Total	486,144	8,367	4,486	345	2,587	496,755	10,611

¹ Excluding pedal cycles, but including government vehicles.

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

⁴ New category of vehicle defined in Road Traffic Act as amended by Act No. 27 of 2012.

Prior to the year 2013 'double cab pickup' was included in 'dual purpose vehicle'

Table 1.2 - Vehicles ¹ registered by type, December 2006 - December 2015 and June 2016

Type of vehicle	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 (June)
Car	91,911	99,770	109,507	117,890	127,363	136,225	147,733	160,701	173,954	188,299	195,286
<i>(of which taxi car)</i>	<i>(6,860)</i>	<i>(6,885)</i>	<i>(6,941)</i>	<i>(6,921)</i>	<i>(6,924)</i>	<i>(6,907)</i>	<i>(6,905)</i>	<i>(6,915)</i>	<i>(6,911)</i>	<i>(6,907)</i>	<i>(6,905)</i>
Dual purpose vehicle	43,221	44,635	46,021	47,146	48,271	49,132	50,116	49,730	49,503	49,301	49,115
Double cab pickup ²	-	-	-	-	-	-	-	1,155	2,065	2,689	3,174
Heavy motor car	1,118	1,223	1,290	1,275	1,249	1,230	1,244	1,250	1,271	1,284	1,293
Motor cycle	33,936	36,969	40,804	44,222	48,655	53,410	59,637	65,827	72,067	77,603	80,296
Auto cycle	104,238	105,637	107,184	108,713	110,674	112,296	113,871	114,958	115,784	116,085	116,335
Lorry and truck	12,272	12,536	12,726	12,950	13,186	13,539	13,902	14,061	14,243	14,372	14,495
Van	24,522	24,934	25,334	25,622	25,914	26,090	26,293	26,624	26,890	27,229	27,375
Bus	2,612	2,753	2,762	2,803	2,845	2,912	2,957	2,963	3,006	2,980	3,079
Tractor and dumper	3,001	3,025	3,045	3,102	3,119	3,173	3,202	3,226	3,254	3,244	3,236
Prime mover	436	452	505	558	596	650	689	715	734	774	791
Trailer	1,756	1,795	1,809	1,823	1,821	1,834	1,845	1,846	1,842	1,850	1,850
Road roller	96	96	96	97	98	99	101	102	103	103	104
Other	321	320	323	319	324	329	336	337	336	331	326
TOTAL	319,440	334,145	351,406	366,520	384,115	400,919	421,926	443,495	465,052	486,144	496,755

¹ Excluding pedal cycles, but including government vehicles.

² New category of vehicle defined in Road Traffic Act as amended by Act No. 27 of 2012.

Prior to 2013 double cab pickup was included in Dual Purpose Vehicle

Table 1.3 - Registration of vehicles by type, Jan. - June 2015 and Jan. - June 2016

Type of vehicle	New vehicles registered		Imported second - hand vehicles registered		Re -registration of vehicles ²		Vehicles put off the road ³	
	Jan. - June 2015	Jan. - June 2016	Jan. - June 2015	Jan. - June 2016	Jan. - June 2015	Jan. - June 2016	Jan. - June 2015	Jan. - June 2016
Car	3,604	3,284	4,178	4,202	158	122	592	621
Dual purpose vehicle	-	-	3	14	6	-	145	200
Double cab pickup ¹	535	616	4	5	18	23	193	159
Motor cycle	3,286	2,912	28	22	142	150	369	391
Auto cycle	956	968	1	-	2	-	726	718
Lorry and truck	121	120	23	68	24	18	81	83
Van	247	261	181	142	23	25	275	282
Bus	40	147	-	-	1	-	52	48
Other	62	59	16	33	14	7	85	85
Total	8,851	8,367	4,434	4,486	388	345	2,518	2,587

¹ New category of vehicle defined in Road Traffic Act as amended by Act No. 27 of 2012.

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

Prior to 2013 double cab pickup was included in Dual Purpose Vehicle

³ Unlicensed either temporarily or permanently.

Table 2.1 - Road traffic accidents¹, Jan. - June 2015 and Jan. - June 2016

	Jan. - June 2015 ³	Jan. - June 2016 ⁴	Change ⁴	
			Number	%
1. Road traffic accidents	13,635	14,452	817	6.0
of which				
Casualty accidents	1,359	1,378	19	1.4
<i>Fatal accident²</i>	66	68	2	3.0
<i>Serious injury accident</i>	246	227	-19	-7.7
<i>Slight injury accident</i>	1,047	1,083	36	3.4
Non injury accident	12,276	13,074	798	6.5
2. Vehicles involved in accidents	26,671	28,294	1,623	6.1
of which				
<i>Motor Vehicles</i>	26,584	28,213	1,629	6.1
<i>Motor-vehicles involved in casualty accidents</i>	2,032	2,064	32	1.6
3. Casualties	1,871	1,911	40	2.1
<i>Fatal²</i>	68	72	4	5.9
<i>Seriously injured</i>	278	275	-3	-1.1
<i>Slightly injured</i>	1,525	1,564	39	2.6

¹ Exclude accidents involving bicycles only or bicycle and pedestrian.

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

³ Revised

⁴ Provisional

Table 2.2 - Road traffic accidents ¹ and casualties, 2006- 2015, Jan. - June 2016

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 ⁴ Jan.-June
1. Road traffic accidents :											
Number	20,242	20,519	20,873	19,542	21,243	22,387	21,056	23,563	26,400	28,476	14,452
Rate per 100,000 population ²	1,693	1,709	1,732	1,618	1,755	1,847	1,733	1,936	2,165	2,333	N/A
Rate per 1,000 registered motor vehicles	65	63	61	54	57	57	51	55	58 ³	60	N/A
2. Motor vehicle involved :											
Number	40,023	41,178	42,910	38,058	41,084	41,294	40,759	41,888	51,264	55,649	28,213
Rate per 1,000 registered motor vehicles	128	126	125	106	110	105	99	97	113 ³	117	N/A
3. Casualties :											
Total number of casualties of which	2,522	3,055	3,435	3,661	3,640	3,422	3,653	3,610	3,592	3,809	1,911
<i>Fatal</i>	134	140	168	140	158	152	156	136	137	139	72
<i>Seriously injured</i>	348	500	512	516	569	487	549	465	505	495	275
<i>Slightly injured</i>	2,040	2,415	2,755	3,005	2,913	2,783	2,948	3,009	2,950	3,175	1,564
4. Fatality :											
Rate per 100,000 population	11.2	11.7	13.9	11.6	13.1	12.5	12.8	11.2	11.24	11.39	N/A
Rate per 1,000 registered motor vehicles	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.30	0.29	N/A
Fatality index ²	5.3	4.6	4.9	3.8	4.3	4.4	4.3	3.8	3.81	3.65	N/A

¹ Exclude accidents involving bicycles only or bicycle and pedestrian.

⁴ Provisional

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

³ Revised

N/A : Not applicable

Table 2.3 - Number of vehicles¹ involved in accidents (causing casualties) by type, January 2015 - June 2016

Type of vehicle	2015 ²						2016 ³	
	Jan. - June		Jul. - Dec.		Year		Jan. - June	
	Number	%	Number	%	Number	%	Number	%
Private car	659	31.1	537	32.5	1,196	31.7	735	34.3
Taxi car	23	1.1	27	1.6	50	1.3	18	0.8
Bus	152	7.2	108	6.5	260	6.9	144	6.7
Lorry	39	1.8	29	1.8	68	1.8	34	1.6
Van	115	5.4	88	5.3	203	5.4	129	6.0
Motor/auto cycle	840	39.6	639	38.7	1,479	39.2	818	38.1
Other motor vehicles	204	9.6	148	9.0	352	9.3	186	8.7
Total motor vehicles	2,032	95.9	1,576	95.5	3,608	95.7	2,064	96.2
Pedal cycle	87	4.1	75	4.5	162	4.3	81	3.8
Other non motor vehicles	-	-	-	-	-	-	-	-
All vehicles	2,119	100.0	1,651	100.0	3,770	100.0	2,145	100.0

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

² Revised.

³ Provisional

Table 2.4 - Number of casualties by class of road users, January 2015 - June 2016

Class of road users	2015 ¹				2016 ²	
	Jan. - June		Jul. - Dec.		Jan. - June	
	Number	%	Number	%	Number	%
Pedestrian	315	16.8	286	15.4	298	15.6
Passenger	460	24.6	442	23.9	450	23.5
Driver	255	13.6	292	15.8	312	16.3
Rider (auto/motor cycle)	758	40.5	741	40.0	771	40.3
Pedal cyclist	83	4.4	91	2.7	80	4.2
All road users	1,871	100.0	1,852	100.0	1,911	100.0

¹ Revised.

² Provisional

Table 2.5 - Casualty accidents involved in "hit and run" cases, January 2015 - June 2016

Accident	2015				2016 ¹	
	Jan. - June		Jul. - Dec.		Jan. - June	
	Number	%	Number	%	Number	%
Vehicles v/s pedestrians	47	46.1	29	42.0	22	30.6
Vehicles v/s vehicles	55	53.9	40	58.0	50	69.4
Total	102	100.0	69	100.0	72	100.0

¹ Provisional.

Table 2.6 - Number of fatalities by category of road users and age-group, January to June 2016

Category of road users Age - group (years)	Cyclists	Drivers of four wheeled vehicles	Passengers of four wheeled vehicles	Pedestrians	Riders / pillion riders of motorised two - wheelers	Total
Under 5	-	-	-	1	-	1
5 - 14	1	-	1	-	-	2
15 - 29	-	2	3	2	14	21
30 - 44	1	-	1	6	7	15
45 - 59	2	2	1	4	7	16
60 - 69	1	-	-	8	5	14
Over 69	-	-	1	2	-	3
All ages	5	4	7	23	33	72