

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

**January – June 2015**

## **1. Vehicles registered as at June 2015**

At the end of June 2015, there were 476,207 vehicles registered at the National Transport Authority (NTA). This represents a net increase of 11,155 vehicles (2.4%) as compared to end of year 2014 when the number of registered vehicles was 465,052 (Table 1.1).

During the first semester of 2015, the fleet was strengthened with the registration of 13,673 vehicles, of which 8,851 (64.7%) were new, 4,434 (32.4%) were imported second-hand and 388 (2.9%) were re-registered vehicles; i.e., those which had been previously put off the road. During the same period, some 2,518 vehicles were put off the road. The net addition to the existing fleet worked out to 11,155 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 2015, the fleet consisted of 48.9% (233,098) cars, double cab pickup and dual purpose vehicles and 40.1% (191,171) auto/motor cycles. The remaining 11.0% comprised vans (27,066), lorries and trucks (14,330), buses (2,995) and other vehicles (7,547). It is to be noted that, prior to year 2013, double cab pickup was considered as dual purpose vehicles.

## **3. Vehicles used for transport of passengers**

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

At the end of June 2015, the number of cars, double cab pickup and dual purpose vehicles was 233,098, a rise of 3.4% over the figure of 225,522 as at end of December 2014. This increase resulted from the registration of 8,506 such vehicles (4,139 new, 4,185 imported second-hand and 182 re-registered), partly offset by 930 vehicles that were put off the road.

### ***3.2 Buses***

At the end of June 2015, there were 2,995 registered buses, out of which 1,943 or 64.9% were 'public' buses operating with a road service licence. During the first semester of 2015, some 41 (40 new and one re-registered) buses were registered while 52 buses were put off the road, resulting in a decrease of 11 buses.

#### **4. Motor cycles and auto cycles**

At the end of June 2015, there were 191,171 motor cycles and auto cycles. This represents a net increase of 3,320 (+1.8%) against 187,851 at the end of December 2014.

#### **5. Road traffic accidents**

The number of road accidents registered during the first semester of 2015 went up by 8.8% to reach 13,779 as compared to 12,668 recorded during the corresponding period of 2014. Among these accidents, the majority, 12,420 (90.1%) were non-injury, 66 fatal, 213 caused serious injuries and 1,080 slight injuries.

Compared to the same period of 2014, casualty accidents went up by 3.1% and non-injury accidents rose by 9.4%. The number of fatal accidents and slight injury increased by 8.2% and 4.0% respectively whilst serious injury accidents decreased by 2.7%. (Table 2.1)

#### **6. Vehicles involved in road accidents**

During the first semester of 2015, the total number of vehicles (both motor and non-motor) involved in road accidents was 26,945 (+9.3%) against 24,662 in the corresponding period of the preceding year. The number of motor vehicles involved in accidents resulting in casualties was 2,010 during the first semester of 2015 against 1,881 for the same period of 2014. Table 2.3 shows that 31.3% of these vehicles were private cars, another 39.2% were motor/auto cycles, 7.2% were buses and 5.7 % were vans.

#### **7. Casualties**

The number of casualties (fatalities and persons injured as a result of road accidents) went down by 0.2% from 1,848 during the first semester of 2014 to 1,844 during the corresponding period of 2015. Among the casualties, 68 were fatal, 284 were seriously injured and the remaining 1,492 were slightly injured.

Compared to the corresponding period of 2014, the number of persons who died as a result of road accidents went up by 4.6% from 65 to 68 and those seriously injured increased by 7.2% from 265 to 284. On the other hand slightly injured persons went down by 1.7% from 1,518 to 1,492 (Table 2.1).

Table 2.4 shows that, among the casualties during the first semester of 2015, some 25.2% were passengers, 39.3% riders of auto/motor cycles, 16.5% pedestrians, 14.1% drivers and 4.9% pedal cyclists.

Out of the 68 persons who died in road accidents during the first semester of 2015, some 28 were riders/pillion riders of motorised two wheelers, 20 were pedestrians and 8 were passengers of four wheeled vehicles (Table 2.6).

## **8. Hit and run cases of accidents causing casualties**

During the first six months of 2015, some 101 'hit and run' cases causing casualties were reported as compared to 88 during the same period of 2014. Out of these 101 cases, 54.5% (55) involved vehicles only while the other 45.5% (46) 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 - Vehicles<sup>1</sup> registered as at June 2015**

Type of vehicle	No. of vehicles at 31.12.14	New vehicles Jan. - June 15	Imported second-hand vehicles Jan. - June 15	Re - registered vehicles <sup>2</sup> Jan. - June 15	Vehicles off the road <sup>3</sup> Jan. - June 15	No. of vehicles at 30.06.15	Net addition Jan. - June 2015
Car	173,954	3,604	4,178	158	592	181,302	7,348
Dual purpose vehicle	49,503	-	3	6	145	49,367	- 136
Double cab pickup <sup>4</sup>	2,065	535	4	18	193	2,429	364
Motor cycle	72,067	3,286	28	142	369	75,154	3,087
Auto cycle	115,784	956	1	2	726	116,017	233
Lorry and truck	14,243	121	23	24	81	14,330	87
Van	26,890	247	181	23	275	27,066	176
Bus	3,006	40	-	1	52	2,995	- 11
Other	7,540	62	16	14	85	7,547	7
<b>Total</b>	<b>465,052</b>	<b>8,851</b>	<b>4,434</b>	<b>388</b>	<b>2,518</b>	<b>476,207</b>	<b>11,155</b>

<sup>1</sup> Excluding pedal cycles, but including government vehicles.

<sup>2</sup> Refers to re-registration of vehicles previously off the road.

<sup>3</sup> Unlicensed either temporarily or permanently.

<sup>4</sup> 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 <sup>1</sup> registered by type, December 2005 - December 2014 and June 2015**

Type of vehicle	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015 ( June )
Car	84,818	91,911	99,770	109,507	117,890	127,363	136,225	147,733	160,701	173,954	181,302
<i>(of which taxi car)</i>	<i>(6,798)</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>(6,909)</i>
Dual purpose vehicle	42,026	43,221	44,635	46,021	47,146	48,271	49,132	50,116	49,730	49,503	49,367
Double cab pickup <sup>2</sup>	-	-	-	-	-	-	-	-	1,155	2,065	2,429
Heavy motor car	1,045	1,118	1,223	1,290	1,275	1,249	1,230	1,244	1,250	1,271	1,266
Motor cycle	30,927	33,936	36,969	40,804	44,222	48,655	53,410	59,637	65,827	72,067	75,154
Auto cycle	102,503	104,238	105,637	107,184	108,713	110,674	112,296	113,871	114,958	115,784	116,017
Lorry and truck	12,047	12,272	12,536	12,726	12,950	13,186	13,539	13,902	14,061	14,243	14,330
Van	23,989	24,522	24,934	25,334	25,622	25,914	26,090	26,293	26,624	26,890	27,066
Bus	2,560	2,612	2,753	2,762	2,803	2,845	2,912	2,957	2,963	3,006	2,995
Tractor and dumper	2,982	3,001	3,025	3,045	3,102	3,119	3,173	3,202	3,226	3,254	3,246
Prime mover	412	436	452	505	558	596	650	689	715	734	756
Trailer	1,765	1,756	1,795	1,809	1,823	1,821	1,834	1,845	1,846	1,842	1,843
Road roller	96	96	96	96	97	98	99	101	102	103	103
Other	326	321	320	323	319	324	329	336	337	336	333
<b>TOTAL</b>	<b>305,496</b>	<b>319,440</b>	<b>334,145</b>	<b>351,406</b>	<b>366,520</b>	<b>384,115</b>	<b>400,919</b>	<b>421,926</b>	<b>443,495</b>	<b>465,052</b>	<b>476,207</b>

<sup>1</sup> Excluding pedal cycles, but including government vehicles.

<sup>2</sup> 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 2014 and Jan. - June 2015**

Type of vehicle	New vehicles registered		Imported second - hand vehicles registered		Re -registration of vehicles <sup>2</sup>		Vehicles put off the road <sup>3</sup>	
	Jan. - June 2014	Jan. - June 2015	Jan. - June 2014	Jan. - June 2015	Jan. - June 2014	Jan. - June 2015	Jan. - June 2014	Jan. - June 2015
Car	3,606	3,604	3,299	4,178	149	158	580	592
Dual purpose vehicle	-	-	6	3	13	6	171	145
Double cab pickup <sup>1</sup>	580	535	9	4	28	18	127	193
Motor cycle	3,539	3,286	31	28	155	142	360	369
Auto cycle	1,226	956	1	1	-	2	730	726
Lorry and truck	120	121	33	23	20	24	86	81
Van	249	247	128	181	29	23	275	275
Bus	72	40	-	-	-	1	52	52
Other	73	62	20	16	16	14	90	85
<b>Total</b>	<b>9,465</b>	<b>8,851</b>	<b>3,527</b>	<b>4,434</b>	<b>410</b>	<b>388</b>	<b>2,471</b>	<b>2,518</b>

<sup>1</sup> 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

<sup>2</sup> Refers to re-registration of vehicles previously off the road.

<sup>3</sup> Unlicensed either temporarily or permanently.

**Table 2.1 - Road traffic accidents<sup>1</sup>, Jan. - June 2014 and Jan. - June 2015**

	Jan. - June 2014 <sup>3</sup>	Jan. - June 2015 <sup>4</sup>	Change <sup>4</sup>	
			Number	%
<b>1. Road traffic accidents</b>	<b>12,668</b>	<b>13,779</b>	<b>1,111</b>	<b>8.8</b>
of which				
Casualty accidents	1,318	1,359	41	3.1
<i>Fatal accident</i> <sup>2</sup>	61	66	5	8.2
<i>Serious injury accident</i>	219	213	-6	-2.7
<i>Slight injury accident</i>	1,038	1,080	42	4.0
Non injury accident	11,350	12,420	1,070	9.4
<b>2. Vehicles involved in accidents</b>	<b>24,662</b>	<b>26,945</b>	<b>2,283</b>	<b>9.3</b>
of which				
<i>Motor Vehicles</i>	24,495	26,850	2,355	9.6
<i>Motor-vehicles involved in casualty accidents</i>	1,881	2,010	129	6.9
<b>3. Casualties</b>	<b>1,848</b>	<b>1,844</b>	<b>-4</b>	<b>-0.2</b>
<i>Fatal</i> <sup>2</sup>	65	68	3	4.6
<i>Seriously injured</i>	265	284	19	7.2
<i>Slightly injured</i>	1,518	1,492	-26	-1.7

<sup>1</sup> Exclude accidents involving bicycles only or bicycle and pedestrian.

<sup>2</sup> Based on definition of fatal accidents where death occurred within 30 days.

<sup>3</sup> Revised

<sup>4</sup> Provisional

**Table 2.2 - Road traffic accidents <sup>1</sup> and casualties, 2005- 2014, Jan. - June 2015**

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015 <sup>4</sup> Jan.-June
<b>1. Road traffic accidents :</b>											
Number	22,554	20,242	20,519	20,873	19,542	21,243	22,387	21,056	23,563	26,400	13,779
Rate per 100,000 population <sup>2</sup>	1,895	1,693	1,709	1,732	1,618	1,755	1,847	1,733	1,936	2,165	N/A
Rate per 1,000 registered motor vehicles	76	65	63	61	54	57	57	51	55	57	N/A
<b>2. Motor vehicle involved :</b>											
Number	43,741	40,023	41,178	42,910	38,058	41,084	41,294	40,759	41,888	51,264	26,850
Rate per 1,000 registered motor vehicles	147 <sup>2</sup>	128 <sup>2</sup>	126 <sup>2</sup>	125	106	110	105	99	97	110	N/A
<b>3. Casualties :</b>											
Total number of casualties of which	2,760	2,522	3,055	3,435	3,661	3,640	3,422	3,653	3,610	3,592	1,844
<i>Fatal</i>	136	134	140	168	140	158	152	156	136	137	68
<i>Seriously injured</i>	358	348	500	512	516	569	487	549	465	505	284
<i>Slightly injured</i>	2,266	2,040	2,415	2,755	3,005	2,913	2,783	2,948	3,009	2,950	1,492
<b>4. Fatality :</b>											
Rate per 100,000 population <sup>2</sup>	11.4	11.2	11.7	13.9	11.6	13.1	12.5	12.8	11.2	11.2	N/A
Rate per 1,000 registered motor vehicles	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.3	N/A
Fatality index <sup>3</sup>	4.9	5.3	4.6	4.9	3.8	4.3	4.4	4.3	3.8	3.8	N/A

<sup>1</sup> Exclude accidents involving bicycles only or bicycle and pedestrian.

<sup>2</sup> Revised

<sup>3</sup> Fatality index is the number of fatalities per 100 casualties.

<sup>4</sup> Provisional

N/A : Not applicable

Note: Per capita indicators have been revised in light of results obtained from the Population Census in 2011.

**Table 2.3 - Number of vehicles<sup>1</sup> involved in accidents (causing casualties) by type, January 2014 - June 2015**

Type of vehicle	2014 <sup>2</sup>						2015 <sup>3</sup>	
	Jan. - June		Jul. - Dec.		Year		Jan. - June	
	Number	%	Number	%	Number	%	Number	%
Private car	559	28.5	585	32.1	1,144	30.2	659	31.3
Taxi car	39	2.0	14	0.8	53	1.4	25	1.2
Bus	133	6.8	119	6.5	252	6.7	151	7.2
Lorry	43	2.2	25	1.4	68	1.8	30	1.4
Van	123	6.3	64	3.5	187	4.9	120	5.7
Motor/auto cycle	817	41.6	815	44.8	1,632	43.1	825	39.2
Other motor vehicles	167	8.5	148	8.1	315	8.3	200	9.5
<b>Total motor vehicles</b>	<b>1,881</b>	<b>95.9</b>	<b>1,770</b>	<b>97.2</b>	<b>3,651</b>	<b>96.5</b>	<b>2,010</b>	<b>95.5</b>
Pedal cycle	81	4.1	51	2.8	132	3.5	95	4.5
Other non motor vehicles	-	-	-	-	-	-	-	-
<b>All vehicles</b>	<b>1,962</b>	<b>100.0</b>	<b>1,821</b>	<b>100.0</b>	<b>3,783</b>	<b>100.0</b>	<b>2,105</b>	<b>100.0</b>

<sup>1</sup> Only three main vehicles have been considered in accidents involving more than three vehicles.

<sup>2</sup> Revised.

<sup>3</sup> Provisional

**Table 2.4 - Number of casualties by class of road users, January 2014 - June 2015**

Class of road users	2014 <sup>1</sup>				2015 <sup>2</sup>	
	Jan. - June		Jul. - Dec.		Jan. - June	
	Number	%	Number	%	Number	%
Pedestrian	304	16.4	303	17.4	304	16.5
Passenger	447	24.2	411	23.6	464	25.2
Driver	246	13.3	254	14.6	261	14.1
Rider (auto/motor cycle)	770	41.7	728	41.7	725	39.3
Pedal cyclist	81	4.4	48	2.7	90	4.9
<b>All road users</b>	<b>1,848</b>	<b>100.0</b>	<b>1,744</b>	<b>100.0</b>	<b>1,844</b>	<b>100.0</b>

<sup>1</sup> Revised.

<sup>2</sup> Provisional

**Table 2.5 - Casualty accidents involved in "hit and run" cases, January 2014 - June 2015**

Accident	2014				2015 <sup>1</sup>	
	Jan. - June		Jul. - Dec.		Jan. - June	
	Number	%	Number	%	Number	%
Vehicles v/s pedestrians	35	39.8	36	48.0	46	45.5
Vehicles v/s vehicles	53	60.2	39	52.0	55	54.5
<b>Total</b>	<b>88</b>	<b>100.0</b>	<b>75</b>	<b>100.0</b>	<b>101</b>	<b>100.0</b>

<sup>1</sup> Provisional.

**Table 2.6 - Number of fatalities by category of road users and age-group, January to June 2015**

<b>Category of road users</b> <b>Age - group (years)</b>	<b>Cyclists</b>	<b>Drivers of four wheeled vehicles</b>	<b>Passengers of four wheeled vehicles</b>	<b>Pedestrians</b>	<b>Riders / pillion riders of motorised two - wheelers</b>	<b>Total</b>
<b>Under 5</b>	-	-	-	-	-	-
<b>5 - 14</b>	-	-	-	-	-	-
<b>15 - 29</b>	2	4	3	2	17	<b>28</b>
<b>30 - 44</b>	2	1	2	4	6	<b>15</b>
<b>45 - 59</b>	1	1	2	5	1	<b>10</b>
<b>60 - 69</b>	1	-	-	6	4	<b>11</b>
<b>Over 69</b>	-	-	1	3	-	<b>4</b>
<b>All ages</b>	<b>6</b>	<b>6</b>	<b>8</b>	<b>20</b>	<b>28</b>	<b>68</b>