

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

January – June 2020

## 1. Vehicles registered as at June 2020

At the end of June 2020, there were 589,228 vehicles registered at the National Land Transport Authority (NLTA). This represents a net increase of 8,599 vehicles (1.5%) as compared to end of year 2019 when the number of registered vehicles was 580,629 (Table 1.1).

During the first semester of 2020, the fleet was strengthened with the registration of 10,763 vehicles, of which 7,157 (66.5%) were new, 3,086 (28.7%) were imported second-hand and 520 (4.8%) were re-registered vehicles; i.e., those which had been previously put off the road. During the same period 2,164 vehicles were put off the road. The net addition to the existing fleet thus, worked out to 8,599 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 2020, the fleet consisted of 53.0% (312,511) cars, double cab pickup and dual-purpose vehicles and 37.3% (219,465) auto/motor cycles. The remaining 9.7% comprised vans (29,355), lorries and trucks (16,298), buses (3,094) and other vehicles (8,505).

## 3. Vehicles used for transport of passengers

### 3.1 *Cars, double cab pickup and dual-purpose vehicles*

At the end of June 2020, the number of cars, double cab pickup and dual-purpose vehicles was 312,511, a rise of 1.8% over the figure of 307,081 as at end of December 2019. This increase resulted from the registration of 6,374 such vehicles (3,350 new, 2,795 imported second-hand and 229 re-registered), partly offset by 944 vehicles that were put off the road.

### 3.2 *Buses*

At the end of June 2020, there were 3,094 registered buses, out of which 1,962 or 63.4% were 'public' buses operating with a road service licence. During the first semester of 2020, some 10 new buses were registered, while 3 buses were put off the road, resulting in an increase of 7 buses.

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

At the end of June 2020, there were 219,465 motor cycles and auto cycles. This represents a net increase of 2,602 (+1.2%) against 216,863 at the end of December 2019.

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

Due to the low response rate on returns of accidents causing casualty from the Police Department, a number of statistics could not be computed. These include seriousness of injury of casualties, types of vehicles and class of road users involved in accidents, and accidents involving 'hit and run' cases among others.

The number of road accidents registered during the first semester of 2020 went down by 23.8% to reach 11,891 as compared to 15,606 recorded during the corresponding period of 2019. Among these accidents, in the majority, 11,046 (92.9%) there were no injury, 50 were fatal and 795 caused serious or slight injuries.

Compared to the same period of 2019, casualty accidents and non-injury accidents went down by 39.4% and 22.3% respectively. While the number of fatal accidents decreased by 21.9% (Table 2.1).

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

During the first semester of 2020, the total number of vehicles (both motor and non-motor) involved in road accidents was 23,782 (-22.4%) against 30,661 in the corresponding period of the preceding year. The number of motor vehicles involved in accidents resulting in casualties was 1,690 during the first semester of 2020 against 2,240 for the same period of 2019 (Table 2.3).

#### **7. Casualties**

Compared to the corresponding period of 2019, the number of persons who died as a result of road accidents decreased by 24.6% from 69 to 52 (Table 2.1).

Out of the 52 persons who died in road accidents during the first semester of 2020, the most vulnerable ones were riders/pillion riders of motorised two wheelers (26) and pedestrians (12) (Table 2.6).

**Contact person:**

Mr. A. Bundhoo  
Statistician  
Statistics Mauritius  
Port Louis  
Tel: (230) 208 1800

Mr. A Poreema  
Senior Statistical Officer  
National Land Transport Authority  
MSI Building, Les Cassis  
Tel: (230) 202 2831 Fax: (230) 202 2844

E-mail: [statsmauritius@govmu.org](mailto:statsmauritius@govmu.org)

Website: [http:// statsmauritius.govmu.org](http://statsmauritius.govmu.org)

## **Explanatory Notes**

### **A. Vehicle Statistics**

1. Data refer to all vehicles registered at National Land 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 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.

(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 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 2020**

Type of vehicle	No. of vehicles at 31.12.19	New vehicles Jan. - June 20	Imported second-hand vehicles Jan. - June 20	Re - registered vehicles <sup>2</sup> Jan. - June 20	Vehicles off the road <sup>3</sup> Jan. - June 20	No. of vehicles at 30.06.20	Net addition Jan. - June 2020
Car	251,973	2,839	2,785	198	758	257,037	5,064
Dual purpose vehicle	48,025	0	4	0	54	47,975	-50
Double cab pickup	7,083	511	6	31	132	7,499	416
Heavy motor car	1,370	8	3	1	4	1,378	8
Motor cycle	99,111	2,650	2	236	560	101,439	2,328
Auto cycle	117,752	686	0	0	412	118,026	274
Lorry and truck	16,086	218	74	20	100	16,298	212
Van	29,125	150	152	25	97	29,355	230
Bus	3,087	10	0	0	3	3,094	7
Tractor and dumper	3,427	32	9	3	15	3,456	29
Prime mover	1,055	14	31	2	15	1,087	32
Trailer	2,085	31	20	4	9	2,131	46
Road roller	110	0	0	0	0	110	0
Other	340	8	0	0	5	343	3
<b>Total</b>	<b>580,629</b>	<b>7,157</b>	<b>3,086</b>	<b>520</b>	<b>2,164</b>	<b>589,228</b>	<b>8,599</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

**Table 1.2 - Vehicles <sup>1</sup> registered by type, December 2010 - December 2019 and June 2020**

Type of vehicle	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 ( June )
Car	127,363	136,225	147,733	160,701	173,954	188,299	202,696	218,976	235,598	251,973	257,037
<i>(of which taxi car)</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>	<i>(6,909)</i>	<i>(6,907)</i>	<i>(6,905)</i>	<i>(6,903)</i>
Dual purpose vehicle	48,271	49,132	50,116	49,730	49,503	49,301	48,961	48,603	48,200	48,025	47,975
Double cab pickup	<i>Napp</i>	<i>Napp</i>	<i>Napp</i>	1,155	2,065	2,689	3,542	4,634	5,878	7,083	7,499
Heavy motor car	1,249	1,230	1,244	1,250	1,271	1,284	1,316	1,345	1,367	1,370	1,378
Motor cycle	48,655	53,410	59,637	65,827	72,067	77,603	82,746	88,360	93,636	99,111	101,439
Auto cycle	110,674	112,296	113,871	114,958	115,784	116,085	116,653	117,133	117,489	117,752	118,026
Lorry and truck	13,186	13,539	13,902	14,061	14,243	14,372	14,645	15,024	15,505	16,086	16,298
Van	25,914	26,090	26,293	26,624	26,890	27,229	27,656	28,121	28,506	29,125	29,355
Bus	2,845	2,912	2,957	2,963	3,006	2,980	3,107	3,101	3,086	3,087	3,094
Tractor and dumper	3,119	3,173	3,202	3,226	3,254	3,244	3,251	3,277	3,351	3,427	3,456
Prime mover	596	650	689	715	734	774	817	873	947	1,055	1,087
Trailer	1,821	1,834	1,845	1,846	1,842	1,850	1,853	1,913	1,999	2,085	2,131
Road roller	98	99	101	102	103	103	105	109	110	110	110
Other	324	329	336	337	336	331	328	328	329	340	343
<b>TOTAL</b>	<b>384,115</b>	<b>400,919</b>	<b>421,926</b>	<b>443,495</b>	<b>465,052</b>	<b>486,144</b>	<b>507,676</b>	<b>531,797</b>	<b>556,001</b>	<b>580,629</b>	<b>589,228</b>

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

*Napp* : Not Applicable

**Table 1.3 - Registration of vehicles by type, January - June 2019 and January - June 2020**

Type of vehicle	New vehicles registered		Imported second - hand vehicles registered		Re -registration of vehicles <sup>1</sup>		Vehicles put off the road <sup>2</sup>	
	Jan. - June	Jan. - June	Jan. - June	Jan. - June	Jan. - June	Jan. - June	Jan. - June	Jan. - June
	2019	2020	2019	2020	2019	2020	2019	2020
Car	4,335	2,839	4,584	2,785	233	198	676	758
Dual purpose vehicle	1	0	5	4	6	0	199	54
Double cab pickup	713	511	15	6	29	31	179	132
Heavy motor car	11	8	5	3	2	1	20	4
Motor cycle	3,411	2,650	8	2	267	236	528	560
Auto cycle	925	686	0	0	0	0	726	412
Lorry and truck	261	218	101	74	36	20	102	100
Van	295	150	188	152	54	25	313	97
Bus	32	10	0	0	0	0	28	3
Tractor and dumper	48	32	9	9	1	3	17	15
Prime mover	21	14	39	31	2	2	13	15
Trailer	25	31	25	20	9	4	28	9
Road roller	0	0	0	0	0	0	0	0
Other	16	8	1	0	0	0	6	5
<b>Total</b>	<b>10,094</b>	<b>7,157</b>	<b>4,980</b>	<b>3,086</b>	<b>639</b>	<b>520</b>	<b>2,835</b>	<b>2,164</b>

<sup>1</sup> Refers to re-registration of vehicles previously off the road.

<sup>2</sup> Unlicensed either temporarily or permanently.



**Table 2.1 - Road traffic accidents<sup>1</sup>, January - June 2019 and January - June 2020**

	Jan. - June	Jan. - June	Change	
	2019 <sup>4</sup>	2020 <sup>3</sup>	Number	%
<b>1. Road traffic accidents</b>	<b>15,606</b>	<b>11,891</b>	<b>- 3,715</b>	<b>- 23.8</b>
of which				
Casualty accidents	1,395	845	-550	-39.4
<i>Fatal accident<sup>2</sup></i>	64	50	- 14.0	- 21.9
<i>Serious injury accident</i>	269	<i>n.a</i>	<i>napp</i>	<i>napp</i>
<i>Slight injury accident</i>	1,062	<i>n.a</i>	<i>napp</i>	<i>napp</i>
Non-injury accident	14,211	11,046	- 3,165	- 22.3
<b>2. Vehicles involved in accidents</b>	<b>30,661</b>	<b>23,782</b>	<b>- 6,879</b>	<b>- 22.4</b>
of which				
<i>Motor Vehicles</i>	30,554	23,679	- 6,875	- 22.5
<i>Motor vehicles involved in casualty accidents</i>	2,240	1,690	- 550	- 24.6
<b>3. Casualties</b>	<b>1,844</b>	<b>n.a</b>	<b>napp</b>	<b>napp</b>
<i>Fatal<sup>2</sup></i>	69	52	- 17	- 24.6
<i>Seriously injured</i>	307	<i>n.a</i>	<i>napp</i>	<i>napp</i>
<i>Slightly injured</i>	1,468	<i>n.a</i>	<i>napp</i>	<i>napp</i>

<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> Provisional

<sup>4</sup> Revised

n.a: not available

napp: not applicable

**Table 2.2 - Road traffic accidents <sup>1</sup> and casualties, 2010 - 2019, January - June 2020**

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019 <sup>3</sup>	2020 Jan.-June
<b>1. Road traffic accidents :</b>											
Number	21,243	22,387	21,056	23,563	26,400	28,476	29,277	29,627	29,075	29,644	11,891
Rate per 100,000 population	1,755	1,847	1,733	1,936	2,165	2,333	2,397	2,425	2,379	2,379	<i>Napp</i>
Rate per 1,000 registered motor vehicles	57	57	51	55	58	60	59	57	54	51	<i>Napp</i>
<b>2. Motor vehicle involved :</b>											
Number	41,084	41,294	40,759	41,888	51,264	55,617	57,335	58,178	56,962	58,128	23,782
Rate per 1,000 registered motor vehicles	110	105	99	97	113	117	116	112	105	102	<i>Napp</i>
<b>3. Casualties :</b>											
Total number of casualties of which	3,640	3,422	3,653	3,610	3,592	3,722	3,862	4,209	3,718	3,484	<i>n.a</i>
<i>Fatal</i>	158	152	156	136	137	139	144	157	143	144	52
<i>Seriously injured</i>	569	487	549	465	505	530	512	560	597	<i>n.a</i>	<i>n.a</i>
<i>Slightly injured</i>	2,913	2,783	2,948	3,009	2,950	3,053	3,206	3,492	2,978	<i>n.a</i>	<i>n.a</i>
<b>4. Fatality :</b>											
Rate per 100,000 population	13.1	12.5	12.8	11.2	11.2	11.4	11.8	12.8	11.7	11.8	<i>Napp</i>
Rate per 1,000 registered motor vehicles	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	<i>Napp</i>
Fatality index <sup>2</sup>	4.3	4.4	4.3	3.8	3.8	3.7	3.7	3.7	3.8	3.9	<i>Napp</i>

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

<sup>2</sup> Fatality index is the number of fatalities per 100 casualties.

<sup>3</sup> Provisional

n.a: not available

*Napp* : Not applicable

**Table 2.3 - Number of vehicles<sup>1</sup> involved in accidents (causing casualties) by type, January 2019 - June 2020**

Type of vehicle	2019						2020 <sup>2</sup>	
	Jan. - June		Jul. - Dec.		Year		Jan. - June	
	Number	%	Number	%	Number	%	Number	%
Private car	750	35.0	n.a	n.a	n.a	n.a	n.a	n.a
Taxi car	17	0.8	n.a	n.a	n.a	n.a	n.a	n.a
Bus	145	6.8	n.a	n.a	n.a	n.a	n.a	n.a
Lorry	57	2.7	n.a	n.a	n.a	n.a	n.a	n.a
Van	160	7.5	n.a	n.a	n.a	n.a	n.a	n.a
Motor/auto cycle	830	38.8	n.a	n.a	n.a	n.a	n.a	n.a
Other motor vehicles	95	4.4	n.a	n.a	n.a	n.a	n.a	n.a
<b>Total motor vehicles</b>	<b>2,055</b>	<b>96.0</b>	<b>4,320</b>	<b>96.9</b>	<b>6,375</b>	<b>96.3</b>	<b>1,587</b>	<b>93.9</b>
Pedal cycle	85	4.0	139	3.1	242	3.7	103	6.1
<b>All vehicles</b>	<b>2,140</b>	<b>100.0</b>	<b>4,459</b>	<b>100.0</b>	<b>6,617</b>	<b>100.0</b>	<b>1,690</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> Provisional

Note: Figures may not add up to totals due to rounding

n.a: not available

**Table 2.4 - Number of casualties by class of road users, January 2019 - June 2020**

Class of road users	2019 <sup>1</sup>			2020
	Jan. - June		Jul. - Dec.	Jan. - June
	Number	%	Number	Number
Pedestrian	n.a	n.a	n.a	n.a
Passenger	n.a	n.a	n.a	n.a
Driver	n.a	n.a	n.a	n.a
Rider (auto/motor cycle)	n.a	n.a	n.a	n.a
Pedal cyclist	n.a	n.a	n.a	n.a
<b>All road users</b>	<b>1,844</b>	<b>100.0</b>	<b>1,640</b>	<b>n.a</b>

<sup>1</sup> Provisional.

n.a: not available

**Table 2.5 - Casualty accidents involved in "hit and run" cases, January 2019 - June 2020**

Accident	2019 <sup>1</sup>			2020
	Jan. - June		Jul. - Dec.	Jan. - June
	Number	%	Number	Number
Vehicles v/s pedestrians	27	64.3	n.a	n.a
Vehicles v/s vehicles	15	35.7	n.a	n.a
<b>Total</b>	<b>42</b>	<b>100.0</b>	<b>n.a</b>	<b>n.a</b>

<sup>1</sup> Provisional.

n.a: not available

**Table 2.6 - Number of fatalities by category of road users and age-group, January to June 2020**

<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>	0	0	0	0	0	<b>0</b>
<b>5 - 14</b>	0	0	0	0	0	<b>0</b>
<b>15 - 29</b>	0	1	4	0	14	<b>19</b>
<b>30 - 44</b>	0	2	0	1	9	<b>12</b>
<b>45 - 59</b>	3	0	1	5	2	<b>11</b>
<b>60 - 69</b>	2	1	0	5	1	<b>9</b>
<b>Over 69</b>	0	0	0	1	0	<b>1</b>
<b>All ages</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>12</b>	<b>26</b>	<b>52</b>