

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

January – June 2022

## 1. Vehicles registered as at June 2022

At the end of June 2022, there were 636,116 vehicles registered at the National Land Transport Authority (NLTA). This represents a net increase of 13,128 vehicles (2.1%) as compared to end of year 2021 when the number of registered vehicles was 622,988 (Table 1.1).

During the first semester of 2022, the fleet was strengthened with the registration of 16,290 vehicles, of which 9,480 (58.2%) were new, 4,441 (27.3%) were imported second-hand and 2,369 (14.5%) were re-registered vehicles; i.e., those which had been previously put off the road. During the same period 3,162 vehicles were put off the road. The net addition to the existing fleet thus, worked out to 13,128 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 2022, the fleet consisted of 53.8% (342,223) cars, double cab pickup and dual-purpose vehicles and 36.8% (233,851) auto/motor cycles. The remaining 9.4% comprised vans (30,521), lorries and trucks (17,488), buses (3,169) and other vehicles (8,864).

## 3. Vehicles used for transport of passengers

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

At the end of June 2022, the number of cars, double cab pickup and dual-purpose vehicles was 342,223, a rise of 2.4% over the figure of 334,104 as at end of December 2021. This increase resulted from the registration of 9,663 such vehicles (5,478 new, 3,004 imported second-hand and 1,181 re-registered), partly offset by 1,544 vehicles that were put off the road.

### 3.2 *Buses*

At the end of June 2022, there were 3,169 registered buses, out of which 1,984 or 62.6% were 'public' buses operating with a road service licence. During the first semester of 2022, some 18 new buses were registered.

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

At the end of June 2022, there were 233,851 motor cycles and auto cycles. This represents a net increase of 4,288 (+1.9%) against 229,563 at the end of December 2021.

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

Following the introduction of tablets for data collection in 2021, technical problems were encountered. Hence, the response rate on returns of accidents causing casualty was low. Consequently, 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 2022 increased by 35.7% to reach 16,934 as compared to 12,477 recorded during the corresponding period of 2021. Among these accidents, in the majority, 15,920 (94.0%) there were no injury, 42 were fatal and 972 caused serious or slight injuries.

Compared to the same period of 2021, casualty accidents increased by 19.0%, non-injury accidents by 36.9% while fatal accidents decreased by 17.6% (Table 2.1).

#### **6. Casualties**

The number of persons who died as a result of road accidents during the period January to June 2022 was 44 compared to 53 during the corresponding period of 2021 (Table 2.1).

Out of the 44 persons who died in road accidents during the first semester of 2022, the most vulnerable ones were riders/pillion riders of motorised two wheelers (22) and pedestrians (17) (Table 2.3).

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## **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 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 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 2022**

| Type of vehicle      | No. of vehicles at 31.12.21 | New vehicles Jan. - June 22 | Imported second-hand vehicles Jan. - June 22 | Re - registered vehicles <sup>2</sup> Jan. - June 22 | Vehicles off the road <sup>3</sup> Jan. - June 22 | No. of vehicles at 30.06.22 | Net addition Jan. - June 2022 |
|----------------------|-----------------------------|-----------------------------|--|--|---|-----------------------------|-------------------------------|
| Car                  | 277,066                     | 4,715                       | 2,994  | 944  | 1,223   | 284,496                     | 7,430                         |
| Dual purpose vehicle | 47,834                      | 0                           | 3  | 38   | 84  | 47,791                      | -43                           |
| Double cab pickup    | 9,204                       | 763                         | 7  | 199  | 237   | 9,936                       | 732                           |
| Heavy motor car      | 1,380                       | 9                           | 1  | 19   | 12  | 1,397                       | 17                            |
| Motor cycle          | 107,725                     | 2,648                       | 6  | 863  | 1,058   | 110,184                     | 2,459                         |
| Auto cycle           | 121,838                     | 768                         | 1,249  | 0  | 188   | 123,667                     | 1,829                         |
| Lorry and truck      | 17,040                      | 379                         | 105  | 139  | 175   | 17,488                      | 448                           |
| Van                  | 30,323                      | 147                         | 69   | 130  | 148   | 30,521                      | 198                           |
| Bus                  | 3,151                       | 18                          | 0  | 3  | 3   | 3,169                       | 18                            |
| Tractor and dumper   | 3,543                       | 26                          | 1  | 26   | 26  | 3,570                       | 27                            |
| Prime mover          | 1,152                       | 7                           | 6  | 8  | 8   | 1,165                       | 13                            |
| Trailer              | 2,277                       | 0                           | 0  | 0  | 0   | 2,277                       | 0                             |
| Road roller          | 110                         | 0                           | 0  | 0  | 0   | 110                         | 0                             |
| Other                | 345                         | 0                           | 0  | 0  | 0   | 345                         | 0                             |
| <b>Total</b>         | <b>622,988</b>              | <b>9,480</b>                | <b>4,441</b>                                 | <b>2,369</b>   | <b>3,162</b>                                      | <b>636,116</b>              | <b>13,128</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 2012 - December 2021 and June 2022**

| Type of vehicle                   | 2012                      | 2013                      | 2014                      | 2015                      | 2016                      | 2017                      | 2018                      | 2019                      | 2020                      | 2021                      | 2022<br>( June )          |
|-----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Car<br><i>(of which taxi car)</i> | 147,733<br><i>(6,905)</i> | 160,701<br><i>(6,915)</i> | 173,954<br><i>(6,911)</i> | 188,299<br><i>(6,907)</i> | 202,696<br><i>(6,905)</i> | 218,976<br><i>(6,909)</i> | 235,598<br><i>(6,907)</i> | 251,973<br><i>(6,905)</i> | 264,120<br><i>(6,907)</i> | 277,066<br><i>(6,907)</i> | 284,496<br><i>(6,907)</i> |
| Dual purpose vehicle              | 50,116                    | 49,730                    | 49,503                    | 49,301                    | 48,961                    | 48,603                    | 48,200                    | 48,025                    | 47,908                    | 47,834                    | 47,791                    |
| Double cab pickup                 | <i>Napp</i>               | 1,155                     | 2,065                     | 2,689                     | 3,542                     | 4,634                     | 5,878                     | 7,083                     | 8,036                     | 9,204                     | 9,936                     |
| Heavy motor car                   | 1,244                     | 1,250                     | 1,271                     | 1,284                     | 1,316                     | 1,345                     | 1,367                     | 1,370                     | 1,377                     | 1,380                     | 1,397                     |
| Motor cycle                       | 59,637                    | 65,827                    | 72,067                    | 77,603                    | 82,746                    | 88,360                    | 93,636                    | 99,111                    | 103,589                   | 107,725                   | 110,184                   |
| Auto cycle                        | 113,871                   | 114,958                   | 115,784                   | 116,085                   | 116,653                   | 117,133                   | 117,489                   | 117,752                   | 118,399                   | 121,838                   | 123,667                   |
| Lorry and truck                   | 13,902                    | 14,061                    | 14,243                    | 14,372                    | 14,645                    | 15,024                    | 15,505                    | 16,086                    | 16,512                    | 17,040                    | 17,488                    |
| Van                               | 26,293                    | 26,624                    | 26,890                    | 27,229                    | 27,656                    | 28,121                    | 28,506                    | 29,125                    | 29,744                    | 30,323                    | 30,521                    |
| Bus                               | 2,957                     | 2,963                     | 3,006                     | 2,980                     | 3,107                     | 3,101                     | 3,086                     | 3,087                     | 3,101                     | 3,151                     | 3,169                     |
| Tractor and dumper                | 3,202                     | 3,226                     | 3,254                     | 3,244                     | 3,251                     | 3,277                     | 3,351                     | 3,427                     | 3,474                     | 3,543                     | 3,570                     |
| Prime mover                       | 689                       | 715                       | 734                       | 774                       | 817                       | 873                       | 947                       | 1,055                     | 1,120                     | 1,152                     | 1,165                     |
| Trailer                           | 1,845                     | 1,846                     | 1,842                     | 1,850                     | 1,853                     | 1,913                     | 1,999                     | 2,085                     | 2,218                     | 2,277                     | 2,277                     |
| Road roller                       | 101                       | 102                       | 103                       | 103                       | 105                       | 109                       | 110                       | 110                       | 110                       | 110                       | 110                       |
| Other                             | 336                       | 337                       | 336                       | 331                       | 328                       | 328                       | 329                       | 340                       | 345                       | 345                       | 345                       |
| <b>TOTAL</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>600,053</b>            | <b>622,988</b>            | <b>636,116</b>            |

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

*Napp : Not applicable*

**Table 1.3 - Registration of vehicles by type, January - June 2021 and January - June 2022**

| 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  |
|                      | 2021                    | 2022         | 2021                                       | 2022         | 2021                                      | 2022         | 2021                                   | 2022         |
| Car                  | 3,707                   | 4,715        | 3,087                                      | 2,994        | 785                                       | 944          | 1,213                                  | 1,223        |
| Dual purpose vehicle | 0                       | 0            | 1  | 3            | 21  | 38           | 90                                     | 84           |
| Double cab pickup    | 631                     | 763          | 8  | 7            | 155                                       | 199          | 212                                    | 237          |
| Heavy motor car      | 3                       | 9            | 1  | 1            | 6   | 19           | 5                                      | 12           |
| Motor cycle          | 2,416                   | 2,648        | 11   | 6            | 554                                       | 863          | 891                                    | 1,058        |
| Auto cycle           | 686                     | 768          | 366  | 1,249        | 0   | 0            | 18                                     | 188          |
| Lorry and truck      | 160                     | 379          | 68   | 105          | 113                                       | 139          | 157                                    | 175          |
| Van                  | 183                     | 147          | 187  | 69           | 102                                       | 130          | 180                                    | 148          |
| Bus                  | 26                      | 18           | 1  | 0            | 0   | 3            | 2                                      | 3            |
| Tractor and dumper   | 40                      | 26           | 11   | 1            | 17  | 26           | 25                                     | 26           |
| Prime mover          | 9                       | 7            | 13   | 6            | 6   | 8            | 12                                     | 8            |
| Trailer              | 5                       | 0            | 31   | 0            | 0   | 0            | 0                                      | 0            |
| Road roller          | 0                       | 0            | 0  | 0            | 0   | 0            | 0                                      | 0            |
| Other                | 0                       | 0            | 0  | 0            | 0   | 0            | 0                                      | 0            |
| <b>Total</b>         | <b>7,866</b>            | <b>9,480</b> | <b>3,785</b>                               | <b>4,441</b> | <b>1,759</b>                              | <b>2,369</b> | <b>2,805</b>                           | <b>3,162</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 2021 and 2022**

|  | January - June    |                   | Change<br>Jan. - Jun. 2022 over<br>Jan. - Jun. 2021 |                   |
|--|-------------------|-------------------|---|-------------------|
|  | 2021 <sup>2</sup> | 2022 <sup>3</sup> | Number  | %                 |
| <b>1. Road traffic accidents</b>                         | <b>12,477</b>     | <b>16,934</b>     | <b>+ 4,457</b>                                      | <b>+ 35.7</b>     |
| of which   |                   |                   |   |                   |
| Casualty accidents                                       | 852               | 1,014             | + 162   | + 19.0            |
| Fatal accident <sup>4</sup>                              | 51                | 42                | - 9.0   | - 17.6            |
| <i>Serious injury accident</i>                           | 210               | <i>n.a</i>        | <i>n.a</i>  | <i>n.a</i>        |
| <i>Slight injury accident</i>                            | 591               | <i>n.a</i>        | <i>n.a</i>  | <i>n.a</i>        |
| Non-injury accident                                      | 11,625            | 15,920            | + 4,295   | + 36.9            |
| <b>2. Vehicles involved in accidents</b>                 | <b>24,632</b>     | <b><i>n.a</i></b> | <b><i>n.a</i></b>                                   | <b><i>n.a</i></b> |
| of which   |                   |                   |   |                   |
| <i>Motor Vehicles</i>                                    | 24,612            | <i>n.a</i>        | <i>n.a</i>  | <i>n.a</i>        |
| <i>Motor vehicles involved in<br/>casualty accidents</i> | 1,382             | <i>n.a</i>        | <i>n.a</i>  | <i>n.a</i>        |
| <b>3. Casualties</b>                                     | <b>1,269</b>      | <b>1,504</b>      | <b>+ 235</b>  | <b>+ 18.5</b>     |
| <i>Fatal</i> <sup>4</sup>                                | 53                | 44                | -9  | - 17.0            |
| <i>Seriously injured</i>                                 | 300               | <i>n.a</i>        | <i>n.a</i>  | <i>n.a</i>        |
| <i>Slightly injured</i>                                  | 916               | <i>n.a</i>        | <i>n.a</i>  | <i>n.a</i>        |

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

<sup>2</sup> Revised

<sup>3</sup> Provisional

<sup>4</sup> Based on definition of fatal accidents where death occurred within 30 days

n.a: not available

**Table 2.2 - Road traffic accidents <sup>1</sup> and casualties, 2012 - 2021, January - June 2022**

|   | 2012   | 2013   | 2014   | 2015   | 2016   | 2017   | 2018   | 2019   | 2020 <sup>3</sup> | 2021 <sup>3</sup> | 2022<br>Jan.-June |
|---|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|-------------------|-------------------|
| <b>1. Road traffic accidents :</b>          |        |        |        |        |        |        |        |        |                   |                   |                   |
| Number                                      | 21,056 | 23,563 | 26,400 | 28,476 | 29,277 | 29,627 | 29,075 | 29,644 | 28,611            | 28,272            | 16,934            |
| Rate per 100,000<br>population              | 1,733  | 1,936  | 2,165  | 2,333  | 2,397  | 2,425  | 2,379  | 2,425  | 2,341             | 2,314             | <i>Napp</i>       |
| Rate per 1,000 registered<br>motor vehicles | 51     | 55     | 58     | 60     | 59     | 57     | 54     | 52     | 49                | 46                | <i>Napp</i>       |
| <b>2. Motor vehicle involved :</b>          |        |        |        |        |        |        |        |        |                   |                   |                   |
| Number                                      | 40,759 | 41,888 | 51,264 | 55,617 | 57,335 | 58,178 | 56,962 | 58,128 | 56,449            | 50,927            | n.a               |
| Rate per 1,000 registered<br>motor vehicles | 99     | 97     | 113    | 117    | 116    | 112    | 105    | 102    | 96                | 83                | <i>Napp</i>       |
| <b>3. Casualties :</b>                      |        |        |        |        |        |        |        |        |                   |                   |                   |
| Total number of casualties<br>of which      | 3,653  | 3,610  | 3,592  | 3,722  | 3,862  | 4,209  | 3,718  | 3,484  | 2,802             | 2,934             | n.a               |
| <i>Fatal</i>                                | 156    | 136    | 137    | 139    | 144    | 157    | 143    | 144    | 131               | 108               | 44                |
| <i>Seriously injured</i>                    | 549    | 465    | 505    | 530    | 512    | 560    | 597    | 523    | 532               | 563               | <i>n.a</i>        |
| <i>Slightly injured</i>                     | 2,948  | 3,009  | 2,950  | 3,053  | 3,206  | 3,492  | 2,978  | 2,892  | 2,139             | 2,263             | <i>n.a</i>        |
| <b>4. Fatality :</b>                        |        |        |        |        |        |        |        |        |                   |                   |                   |
| Rate per 100,000 population                 | 12.8   | 11.2   | 11.2   | 11.4   | 11.8   | 12.8   | 11.7   | 11.8   | 10.7              | 8.8               | <i>Napp</i>       |
| Rate per 1,000 registered<br>motor vehicles | 0.4    | 0.3    | 0.3    | 0.3    | 0.3    | 0.3    | 0.3    | 0.3    | 0.2               | 0.2               | <i>Napp</i>       |
| Fatality index <sup>2</sup>                 | 4.3    | 3.8    | 3.8    | 3.7    | 3.7    | 3.7    | 3.8    | 4.1    | 4.7               | 3.7               | <i>Napp</i>       |

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

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

<sup>3</sup> Revised

n.a: not available

Napp: not applicable

**Table 2.3 - Number of fatalities by category of road users and age-group, January to June 2022**

| <b>Category of road users</b><br><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                                       | 1  | 2                  | 7  | <b>11</b>    |
| <b>30 - 44</b>  | 1               | 0                                       | 1  | 2                  | 7  | <b>11</b>    |
| <b>45 - 59</b>  | 1               | 0                                       | 0  | 0                  | 5  | <b>6</b>     |
| <b>60 - 69</b>  | 0               | 0                                       | 0  | 4                  | 3  | <b>7</b>     |
| <b>Over 69</b>  | 0               | 0                                       | 0  | 9                  | 0  | <b>9</b>     |
| <b>All ages</b>   | <b>2</b>        | <b>1</b>                                | <b>2</b>                                   | <b>17</b>          | <b>22</b>  | <b>44</b>    |