

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

January – June 2021

1. Vehicles registered as at June 2021

At the end of June 2021, there were 610,658 vehicles registered at the National Land Transport Authority (NLTA). This represents a net increase of 10,605 vehicles (1.8%) as compared to end of year 2020 when the number of registered vehicles was 600,053 (Table 1.1).

During the first semester of 2021, the fleet was strengthened with the registration of 13,410 vehicles, of which 7,866 (58.7%) were new, 3,785 (28.2%) were imported second-hand and 1,759 (13.1%) were re-registered vehicles; i.e., those which had been previously put off the road. During the same period 2,805 vehicles were put off the road. The net addition to the existing fleet thus, worked out to 10,605 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 2021, the fleet consisted of 53.5% (326,944) cars, double cab pickup and dual-purpose vehicles and 36.9% (225,112) auto/motor cycles. The remaining 9.6% comprised vans (30,036), lorries and trucks (16,696), buses (3,126) and other vehicles (8,744).

3. Vehicles used for transport of passengers

3.1 Cars, double cab pickup and dual-purpose vehicles

At the end of June 2021, the number of cars, double cab pickup and dual-purpose vehicles was 326,944, a rise of 2.1% over the figure of 320,064 as at end of December 2020. This increase resulted from the registration of 8,395 such vehicles (4,338 new, 3,096 imported second-hand and 961 re-registered), partly offset by 1,515 vehicles that were put off the road.

3.2 Buses

At the end of June 2021, there were 3,126 registered buses, out of which 1,969 or 63.0% were 'public' buses operating with a road service licence. During the first semester of 2021, some 26 new buses and 1 imported second-hand bus were registered, while 2 buses were put off the road, resulting in an increase of 25 buses.

4. Motor cycles and auto cycles

At the end of June 2021, there were 225,112 motor cycles and auto cycles. This represents a net increase of 3,124 (+1.4%) against 221,988 at the end of December 2020.

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 2021 increased by 5.0% to reach 12,488 as compared to 11,891 recorded during the corresponding period of 2020. Among these accidents, in the majority, 11,636 (93.2%) there were no injury, 51 were fatal and 801 caused serious or slight injuries.

Compared to the same period of 2020, casualty accidents increased by 0.8%, non-injury accidents by 5.3% and fatal accidents by 2.0% (Table 2.1).

6. Casualties

The number of persons who died as a result of road accidents during the period January to June 2021 was 53 compared to 52 during the corresponding period of 2020 (Table 2.1).

Out of the 53 persons who died in road accidents during the first semester of 2021, the most vulnerable ones were riders/pillion riders of motorised two wheelers (28) and pedestrians (11) (Table 2.6).

Contact person:

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

Ms. Sobhana Devi Doorgakant
Senior Statistical Officer
National Land Transport Authority
MSI Building, Les Cassis
Tel: (230) 202 2831 Fax: (230) 202 2844

E-mail: 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 - Vehicles¹ registered as at June 2021

Type of vehicle	No. of vehicles at 31.12.20	New vehicles Jan. - June 21	Imported second-hand vehicles Jan. - June 21	Re - registered vehicles ² Jan. - June 21	Vehicles off the road ³ Jan. - June 21	No. of vehicles at 30.06.21	Net addition Jan. - June 2021
Car	264,120	3,707	3,087	785	1,213	270,486	6,366
Dual purpose vehicle	47,908	0	1	21	90	47,840	-68
Double cab pickup	8,036	631	8	155	212	8,618	582
Heavy motor car	1,377	3	1	6	5	1,382	5
Motor cycle	103,589	2,416	11	554	891	105,679	2,090
Auto cycle	118,399	686	366	0	18	119,433	1,034
Lorry and truck	16,512	160	68	113	157	16,696	184
Van	29,744	183	187	102	180	30,036	292
Bus	3,101	26	1	0	2	3,126	25
Tractor and dumper	3,474	40	11	17	25	3,517	43
Prime mover	1,120	9	13	6	12	1,136	16
Trailer	2,218	5	31	0	0	2,254	36
Road roller	110	0	0	0	0	110	0
Other	345	0	0	0	0	345	0
Total	600,053	7,866	3,785	1,759	2,805	610,658	10,605

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, December 2011 - December 2020 and June 2021

Type of vehicle	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 (June)
Car (of which taxi car)	136,225 (6,907)	147,733 (6,905)	160,701 (6,915)	173,954 (6,911)	188,299 (6,907)	202,696 (6,905)	218,976 (6,909)	235,598 (6,907)	251,973 (6,905)	264,120 (6,907)	270,486 (6,907)
Dual purpose vehicle	49,132	50,116	49,730	49,503	49,301	48,961	48,603	48,200	48,025	47,908	47,840
Double cab pickup	<i>Napp</i>	<i>Napp</i>	1,155	2,065	2,689	3,542	4,634	5,878	7,083	8,036	8,618
Heavy motor car	1,230	1,244	1,250	1,271	1,284	1,316	1,345	1,367	1,370	1,377	1,382
Motor cycle	53,410	59,637	65,827	72,067	77,603	82,746	88,360	93,636	99,111	103,589	105,679
Auto cycle	112,296	113,871	114,958	115,784	116,085	116,653	117,133	117,489	117,752	118,399	119,433
Lorry and truck	13,539	13,902	14,061	14,243	14,372	14,645	15,024	15,505	16,086	16,512	16,696
Van	26,090	26,293	26,624	26,890	27,229	27,656	28,121	28,506	29,125	29,744	30,036
Bus	2,912	2,957	2,963	3,006	2,980	3,107	3,101	3,086	3,087	3,101	3,126
Tractor and dumper	3,173	3,202	3,226	3,254	3,244	3,251	3,277	3,351	3,427	3,474	3,517
Prime mover	650	689	715	734	774	817	873	947	1,055	1,120	1,136
Trailer	1,834	1,845	1,846	1,842	1,850	1,853	1,913	1,999	2,085	2,218	2,254
Road roller	99	101	102	103	103	105	109	110	110	110	110
Other	329	336	337	336	331	328	328	329	340	345	345
TOTAL	400,919	421,926	443,495	465,052	486,144	507,676	531,797	556,001	580,629	600,053	610,658

¹ Excluding pedal cycles, but including government vehicles.

Napp : Not Applicable

Table 1.3 - Registration of vehicles by type, January - June 2020 and January - June 2021

Type of vehicle	New vehicles registered		Imported second - hand vehicles registered		Re -registration of vehicles ¹		Vehicles put off the road ²	
	Jan. - June	Jan. - June	Jan. - June	Jan. - June	Jan. - June	Jan. - June	Jan. - June	Jan. - June
	2020	2021	2020	2021	2020	2021	2020	2021
Car	2,839	3,707	2,785	3,087	198	785	758	1,213
Dual purpose vehicle	0	0	4	1	0	21	54	90
Double cab pickup	511	631	6	8	31	155	132	212
Heavy motor car	8	3	3	1	1	6	4	5
Motor cycle	2,650	2,416	2	11	236	554	560	891
Auto cycle	686	686	0	366	0	0	412	18
Lorry and truck	218	160	74	68	20	113	100	157
Van	150	183	152	187	25	102	97	180
Bus	10	26	0	1	0	0	3	2
Tractor and dumper	32	40	9	11	3	17	15	25
Prime mover	14	9	31	13	2	6	15	12
Trailer	31	5	20	31	4	0	9	0
Road roller	0	0	0	0	0	0	0	0
Other	8	0	0	0	0	0	5	0
Total	7,157	7,866	3,086	3,785	520	1,759	2,164	2,805

¹ Refers to re-registration of vehicles previously off the road.

² Unlicensed either temporarily or permanently.

Table 2.1 - Road traffic accidents¹, January - June 2019, 2020 and 2021

	January - June			Change Jan. - Jun. 2021 over Jan. Jun. 2020	
	2019 ²	2020 ²	2021 ³	Number	%
1. Road traffic accidents	15,606	11,891	12,488	+ 597	+ 5.0
of which					
Casualty accidents	1,395	845	852	+ 7	+ 0.8
<i>Fatal accident⁴</i>	64	50	51	+ 1	+ 2.0
<i>Serious injury accident</i>	298	207	<i>n.a</i>	<i>n.a</i>	<i>n.a</i>
<i>Slight injury accident</i>	1,033	588	<i>n.a</i>	<i>n.a</i>	<i>n.a</i>
Non-injury accident	14,211	11,046	11,636	+ 590	+ 5.3
2. Vehicles involved in accidents	30,568	23,370	<i>n.a</i>	<i>n.a</i>	<i>n.a</i>
of which					
<i>Motor Vehicles</i>	30,477	23,290	<i>n.a</i>	<i>n.a</i>	<i>n.a</i>
<i>Motor vehicles involved in casualty accidents</i>	2,147	1,278	<i>n.a</i>	<i>n.a</i>	<i>n.a</i>
3. Casualties	1,810	1,170	<i>n.a</i>	<i>n.a</i>	<i>n.a</i>
<i>Fatal⁴</i>	69	52	53	+ 1	+ 1.9
<i>Seriously injured</i>	281	277	<i>n.a</i>	<i>n.a</i>	<i>n.a</i>
<i>Slightly injured</i>	1,460	841	<i>n.a</i>	<i>n.a</i>	<i>n.a</i>

¹ Exclude accidents involving bicycles only or bicycle and pedestrian

² Revised

³ Provisional

⁴ Based on definition of fatal accidents where death occurred within 30 days

n.a: not available

Table 2.2 - Road traffic accidents ¹ and casualties, 2011 - 2020, January - June 2021

	2011	2012	2013	2014	2015	2016	2017	2018	2019 ³	2020 ³	2021 Jan.-June
1. Road traffic accidents :											
Number	22,387	21,056	23,563	26,400	28,476	29,277	29,627	29,075	29,644	28,611	12,488
Rate per 100,000 population	1,847	1,733	1,936	2,165	2,333	2,397	2,425	2,379	2,425	2,341	<i>Napp</i>
Rate per 1,000 registered motor vehicles	57	51	55	58	60	59	57	54	52	49	<i>Napp</i>
2. Motor vehicle involved :											
Number	41,294	40,759	41,888	51,264	55,617	57,335	58,178	56,962	58,128	56,627	n.a
Rate per 1,000 registered motor vehicles	105	99	97	113	117	116	112	105	102	97	<i>Napp</i>
3. Casualties :											
Total number of casualties of which	3,422	3,653	3,610	3,592	3,722	3,862	4,209	3,718	3,484	2,934	<i>n.a</i>
<i>Fatal</i>	152	156	136	137	139	144	157	143	144	131	53
<i>Seriously injured</i>	487	549	465	505	530	512	560	597	<i>n.a</i>	<i>n.a</i>	<i>n.a</i>
<i>Slightly injured</i>	2,783	2,948	3,009	2,950	3,053	3,206	3,492	2,978	<i>n.a</i>	<i>n.a</i>	<i>n.a</i>
4. Fatality :											
Rate per 100,000 population	12.5	12.8	11.2	11.2	11.4	11.8	12.8	11.7	11.8	10.8	<i>Napp</i>
Rate per 1,000 registered motor vehicles	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	<i>Napp</i>
Fatality index ²	4.4	4.3	3.8	3.8	3.7	3.7	3.7	3.8	4.1	4.5	<i>Napp</i>

¹ Exclude accidents involving bicycles only or bicycle and pedestrian

² Fatality index is the number of fatalities per 100 casualties

³ Revised

n.a: not available

Napp: not applicable

Table 2.3 - Number of vehicles¹ involved in accidents (causing casualties) by type, 2019 - 2020

	Year 2019 ²		Year 2020 ³	
	Number	%	Number	%
Private car	1,541	39.2	1,163	38.5
Taxi car	46	1.2	41	1.4
Bus	237	6.0	219	7.2
Lorry	100	2.5	79	2.6
Van	247	6.3	189	6.3
Motor/auto cycle	1,413	35.9	1,070	35.4
Other motor vehicles	202	5.1	85	2.8
Total motor vehicles	3,786	96.2	2,846	94.1
Pedal cycle	149	3.8	178	5.9
All vehicles	3,935	100.0	3,024	100.0

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

² Revised

³ Provisional

Note 1: Figures for 2021 not available due to technical problems encountered with tablets in data collection by Police

Note 2: Figures may not add up to totals due to rounding

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

Class of road users	Year			
	2019 ¹		2020 ²	
	Number	%	Number	%
Pedestrian	643	18.4	503	14.7
Passenger	856	24.5	942	27.5
Driver	666	19.0	483	14.1
Rider (auto/motor cycle)	1256	35.9	1,389	40.6
Pedal cyclist	80	2.3	108	3.2
All road users	3,501	100.0	3,425	100.0

¹ Revised

² Provisional

Note 1: Figures for 2021 not available due to technical problems encountered with tablets in data collection by Police

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

Accidents	Year 2019 ¹		Year 2020 ²	
	No.	%	No.	%
Vehicles v/s pedestrians	52	61.9	67	67.7
Vehicles v/s vehicles	32	38.1	32	32.3
Total	84	100.0	99	100.0

¹ Revised

² Provisional

Note 1: Figures for 2021 not available due to technical problems encountered with tablets in data collection by Police

Table 2.6 - Number of fatalities by category of road users and age-group, January to June 2021

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	0	0	0	0	0	0
5 - 14	0	0	0	0	1	1
15 - 29	0	6	3	2	7	18
30 - 44	0	0	0	0	11	11
45 - 59	2	0	2	1	5	10
60 - 69	0	0	0	4	2	6
Over 69	0	0	1	4	2	7
All ages	2	6	6	11	28	53