

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

January – June 2018

1. Vehicles registered as at June 2018

At the end of June 2018, there were 543,623 vehicles registered at the National Transport Authority (NTA). This represents a net increase of 11,826 vehicles (2.2%) as compared to end of year 2017 when the number of registered vehicles was 531,797 (Table 1.1).

During the first semester of 2018, the fleet was strengthened with the registration of 14,552 vehicles, of which 9,478 (65.1%) were new, 4,233 (29.1%) were imported second-hand and 841 (5.8%) were re-registered vehicles; i.e., those which had been previously put off the road. During the same period 2,726 vehicles were put off the road. The net addition to the existing fleet worked out to 11,826 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 2018, the fleet consisted of 51.5% (280,234) cars, double cab pickup and dual purpose vehicles and 38.4% (208,785) auto/motor cycles. The remaining 10.1% comprised vans (28,323), lorries and trucks (15,234), buses (3,097) and other vehicles (7,950).

3. Vehicles used for transport of passengers

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

At the end of June 2018, the number of cars, double cab pickup and dual purpose vehicles was 280,234, a rise of 2.9% over the figure of 272,213 as at end of December 2017. This increase resulted from the registration of 9,056 such vehicles (4,710 new, 3,897 imported second-hand and 449 re-registered), partly offset by 1,035 vehicles that were put off the road.

3.2 *Buses*

At the end of June 2018, there were 3,097 registered buses, out of which 2,035 or 65.7% were 'public' buses operating with a road service licence. During the first semester of 2018, some 36 new buses were registered, while 40 buses were put off the road, resulting in a decrease of 4 buses.

4. Motor cycles and auto cycles

At the end of June 2018, there were 208,785 motor cycles and auto cycles. This represents a net increase of 3,292 (+1.6%) against 205,493 at the end of December 2017.

5. Road traffic accidents

The number of road accidents registered during the first semester of 2018 went down by 2.7% to reach 14,634 as compared to 15,038 recorded during the corresponding period of 2017. Among these accidents, the majority, 13,381 (91.4%) were non-injury, 79 fatal, 242 caused serious injuries and 932 slight injuries.

Compared to the same period of 2017, casualty and non-injury accidents went down by 15.4% and 1.3% respectively. The number of fatal accidents increased by 14.5%, whereas serious and slight injury accidents decreased by 8.3% and 18.8% respectively (Table 2.1).

6. Vehicles involved in road accidents

During the first semester of 2018, the total number of vehicles (both motor and non-motor) involved in road accidents was 28,709 (-2.6%) against 29,467 in the corresponding period of the preceding year. The number of motor vehicles involved in accidents resulting in casualties was 1,938 during the first semester of 2018 against 2,253 for the same period of 2017. Table 2.3 shows that 34.8% of these vehicles were private cars, another 38.5% were motor/auto cycles, 6.9% were buses and 7.6 % were vans (Table 2.3).

7. Casualties

The number of casualties (fatalities and persons injured as a result of road accidents) decreased by 12.9% from 2,023 during the first semester of 2017 to 1,763 during the corresponding period of 2018. Among the casualties during the period January to June 2018, 88 were fatal, 274 were seriously injured and the remaining 1,401 were slightly injured.

Compared to the corresponding period of 2017, the number of persons who died as a result of road accidents went up by 20.5% from 73 to 88, while those slightly injured decreased by 15.8% from 1,663 to 1,401 and seriously injured by 4.5%, from 287 to 274 (Table 2.1).

Table 2.4 shows that, among the casualties during the first semester of 2018, some 39.6% were riders of auto/motor cycles, 26.1% passengers, 14.2% pedestrians, 16.8% drivers and 3.3% pedal cyclists.

Out of the 88 persons who died in road accidents during the first semester of 2018, the most vulnerable ones were riders/pillion riders of motorised two wheelers (39) and pedestrians (21) (Table 2.6).

8. Hit and run cases of accidents causing casualties

During the first six months of 2018, some 42 'hit and run' cases causing casualties were reported as compared to 103 during the same period of 2017. Out of these 42 cases, 54.8% (23) involved vehicles only, while the other 45.2% (19) 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 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 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 2018

Type of vehicle	No. of vehicles at 31.12.17	New vehicles Jan. - June 18	Imported second-hand vehicles Jan. - June 18	Re - registered vehicles ² Jan. - June 18	Vehicles off the road ³ Jan. - June 18	No. of vehicles at 30.06.18	Net addition Jan. - June 2018
Car	218,976	4,041	3,889	380	641	226,645	7,669
Dual purpose vehicle	48,603	0	3	2	210	48,398	- 205
Double cab pickup	4,634	669	5	67	184	5,191	557
Motor cycle	88,360	3,213	15	259	469	91,378	3,018
Auto cycle	117,133	995	0	0	721	117,407	274
Lorry and truck	15,024	176	72	41	79	15,234	210
Van	28,121	263	181	59	301	28,323	202
Bus	3,101	36	0	0	40	3,097	- 4
Other	7,845	85	68	33	81	7,950	105
Total	531,797	9,478	4,233	841	2,726	543,623	11,826

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 2008 - December 2017 and June 2018

Type of vehicle	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018 (June)
Car	109,507	117,890	127,363	136,225	147,733	160,701	173,954	188,299	202,696	218,976	226,645
<i>(of which taxi car)</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>	<i>(6,909)</i>	<i>(6,907)</i>
Dual purpose vehicle	46,021	47,146	48,271	49,132	50,116	49,730	49,503	49,301	48,961	48,603	48,398
Double cab pickup	<i>Napp</i>	<i>Napp</i>	<i>Napp</i>	<i>Napp</i>	<i>Napp</i>	1,155	2,065	2,689	3,542	4,634	5,191
Heavy motor car	1,290	1,275	1,249	1,230	1,244	1,250	1,271	1,284	1,316	1,345	1,357
Motor cycle	40,804	44,222	48,655	53,410	59,637	65,827	72,067	77,603	82,746	88,360	91,378
Auto cycle	107,184	108,713	110,674	112,296	113,871	114,958	115,784	116,085	116,653	117,133	117,407
Lorry and truck	12,726	12,950	13,186	13,539	13,902	14,061	14,243	14,372	14,645	15,024	15,234
Van	25,334	25,622	25,914	26,090	26,293	26,624	26,890	27,229	27,656	28,121	28,323
Bus	2,762	2,803	2,845	2,912	2,957	2,963	3,006	2,980	3,107	3,101	3,097
Tractor and dumper	3,045	3,102	3,119	3,173	3,202	3,226	3,254	3,244	3,251	3,277	3,292
Prime mover	505	558	596	650	689	715	734	774	817	873	910
Trailer	1,809	1,823	1,821	1,834	1,845	1,846	1,842	1,850	1,853	1,913	1,955
Road roller	96	97	98	99	101	102	103	103	105	109	110
Other	323	319	324	329	336	337	336	331	328	328	326
TOTAL	351,406	366,520	384,115	400,919	421,926	443,495	465,052	486,144	507,676	531,797	543,623

¹ Excluding pedal cycles, but including government vehicles.

Napp : Not Applicable

Table 1.3 - Registration of vehicles by type, January - June 2017 and January - June 2018

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
	2017	2018	2017	2018	2017	2018	2017	2018
Car	4,300	4,041	3,613	3,889	340	380	631	641
Dual purpose vehicle	1	0	1	3	3	2	196	210
Double cab pickup	627	669	6	5	65	67	183	184
Motor cycle	3,139	3,213	12	15	237	259	422	469
Auto cycle	949	995	2	0	1	0	711	721
Lorry and truck	166	176	74	72	55	41	80	79
Van	256	263	187	181	34	59	291	301
Bus	21	36	0	0	0	0	45	40
Other	62	85	49	68	30	33	82	81
Total	9,521	9,478	3,944	4,233	765	841	2,641	2,726

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 2017 and January - June 2018

	Jan. - June	Jan. - June	Change ⁴	
	2017 ³	2018 ⁴	Number	%
1. Road traffic accidents	15,038	14,634	-404	-2.7
of which				
Casualty accidents	1,481	1,253	-228	-15.4
<i>Fatal accident</i> ²	69	79	10	+14.5
<i>Serious injury accident</i>	264	242	-22	-8.3
<i>Slight injury accident</i>	1,148	932	-216	-18.8
Non injury accident	13,557	13,381	-176	-1.3
2. Vehicles involved in accidents	29,467	28,709	-758	-2.6
of which				
<i>Motor Vehicles</i>	29,367	28,650	-717	-2.4
<i>Motor-vehicles involved in casualty accidents</i>	2,253	1,938	-315	-14.0
3. Casualties	2,023	1,763	-260	-12.9
<i>Fatal</i> ²	73	88	15	+20.5
<i>Seriously injured</i>	287	274	-13	-4.5
<i>Slightly injured</i>	1,663	1,401	-262	-15.8

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, 2008- 2017, January - June 2018

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 ³	2018 ⁴ Jan.-June
1. Road traffic accidents :											
Number	20,873	19,542	21,243	22,387	21,056	23,563	26,400	28,476	29,277	29,627	14,634
Rate per 100,000 population	1,732	1,618	1,755	1,847	1,733	1,936	2,165	2,333	2,397	2,425	<i>Napp</i>
Rate per 1,000 registered motor vehicles	61	54	57	57	51	55	58	60	59	57	<i>Napp</i>
2. Motor vehicle involved :											
Number	42,910	38,058	41,084	41,294	40,759	41,888	51,264	55,617	57,335	58,178	28,650
Rate per 1,000 registered motor vehicles	125	106	110	105	99	97	113	117	115	112	<i>Napp</i>
3. Casualties :											
Total number of casualties of which	3,435	3,661	3,640	3,422	3,653	3,610	3,592	3,722	3,862	4,209	1,763
<i>Fatal</i>	168	140	158	152	156	136	137	139	144	157	88
<i>Seriously injured</i>	512	516	569	487	549	465	505	530	512	560	274
<i>Slightly injured</i>	2,755	3,005	2,913	2,783	2,948	3,009	2,950	3,053	3,206	3,492	1,401
4. Fatality :											
Rate per 100,000 population	13.9	11.6	13.1	12.5	12.8	11.2	11.2	11.4	11.8	12.8	<i>Napp</i>
Rate per 1,000 registered motor vehicles	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	3.0	<i>Napp</i>
Fatality index ²	4.9	3.8	4.3	4.4	4.3	3.8	3.8	3.7	3.7	3.7	<i>Napp</i>

¹ Exclude accidents involving bicycles only or bicycle and pedestrian.

⁴ Provisional

² Fatality index is the number of fatalities per 100 casualties.

Napp : Not applicable

³ Revised

Table 2.3 - Number of vehicles¹ involved in accidents (causing casualties) by type, January 2017 - June 2018

Type of vehicle	2017 ²						2018 ³	
	Jan. - June		Jul. - Dec.		Year		Jan. - June	
	Number	%	Number	%	Number	%	Number	%
Private car	834	35.4	882	34.6	1,716	35.0	694	34.7
Taxi car	34	1.4	32	1.2	66	1.3	18	0.9
Bus	154	6.5	152	6.0	306	6.2	137	6.8
Lorry	32	1.4	44	1.7	76	1.6	45	2.3
Van	136	5.8	130	5.1	266	5.4	151	7.6
Motor/auto cycle	869	36.9	1,032	40.4	1,901	38.8	768	38.5
Other motor vehicles	194	8.3	193	7.6	387	7.9	125	6.3
Total motor vehicles	2,253	95.7	2,465	96.6	4,718	96.2	1,938	97.0
Pedal cycle	100	4.3	86	3.4	186	3.8	59	3.0
Other non motor vehicles	0	0	0	0	0	0	0	0
All vehicles	2,353	100.0	2,551	100.0	4,904	100.0	1,997	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 2017 - June 2018

Class of road users	2017 ¹				2018 ²	
	Jan. - June		Jul. - Dec.		Jan. - June	
	Number	%	Number	%	Number	%
Pedestrian	334	16.5	322	14.7	250	14.2
Passenger	506	25.0	500	22.9	461	26.1
Driver	290	14.3	317	14.5	296	16.8
Rider (auto/motor cycle)	796	39.4	962	44.0	698	39.6
Pedal cyclist	97	4.8	85	3.9	58	3.3
All road users	2,023	100.0	2,186	100.0	1,763	100.0

¹ Revised.

² Provisional

Table 2.5 - Casualty accidents involved in "hit and run" cases, January 2017 - June 2018

Accident	2017				2018 ¹	
	Jan. - June		Jul. - Dec.		Jan. - June	
	Number	%	Number	%	Number	%
Vehicles v/s pedestrians	43	41.7	29	46.8	19	45.2
Vehicles v/s vehicles	60	58.3	33	53.2	23	54.8
Total	103	100.0	62	100.0	42	100.0

¹ Provisional.

Table 2.6 - Number of fatalities by category of road users and age-group, January to June 2018

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	1	1	0	2
5 - 14	0	0	0	0	2	2
15 - 29	0	8	7	4	21	40
30 - 44	0	2	1	1	7	11
45 - 59	1	2	4	6	4	17
60 - 69	1	0	0	3	2	6
Over 69	1	0	0	6	3	10
All ages	3	12	13	21	39	88