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

Year 2022

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

Year 2022

1. Vehicles registered in 2022

At the end of December 2022, there were 648,176 vehicles registered at the National Land Transport Authority. This represents a net increase of 25,188 vehicles (+4.0%) as compared to end of year 2021, when the number of registered vehicles was 622,988 (Table 1.1).

During the year 2022, the fleet was strengthened with the registration of 31,734 vehicles, of which 18,528 (58.4%) were new, 8,250 (26.0%) were imported second-hand and 4,956 (15.6%) were re-registered vehicles; i.e., those which had been previously put off the road. During the same period, some 6,546 vehicles were put off the road. The net addition to the existing fleet worked out to 25,188 vehicles (Table 1.1).

2. Composition of fleet

A breakdown of the fleet by type of vehicle over the last ten years (2013 to 2022) is given in Table 1.2. At the end of December 2022, the fleet consisted of 54.2% (350,996) cars, double cab pickups and dual purpose vehicles and 36.5% (236,566) auto/motor cycles. The remaining 9.3% comprised vans (30,675), lorries and trucks (17,848), buses (3,177) and other vehicles (8,914). It is to be noted that, prior to year 2013, double cab pickups were included in dual purpose vehicles.

3. Vehicles used for transport of passengers

3.1 *Cars, double cap pickups and dual purpose vehicles*

At the end of December 2022, the number of cars, double cab pickups and dual purpose vehicles was 350,996, a rise of 5.1% over the figure of 334,104 as at end of December 2021. This increase resulted from the registration of 20,348 such vehicles (11,263 new, 6,420 imported second-hand and 2,665 re-registered), partly offset by 3,456 vehicles that were put off the road (Table 1.1).

Table 1.3 shows the age distribution of cars, double cab pickups and dual purpose vehicles. At the end of December 2022, some 25.3% were less than 5 years, 22.1% between 5 and 9 years and the remaining 52.6%, 10 years and above.

3.2 *Buses*

At the end of December 2022, there were 3,177 registered buses. In 2022, some 40 new buses were registered, 7 were re-registered, while 21 buses were put off the road, resulting in an increase of 26 buses.

4. Motor cycles and auto cycles

At the end of December 2022, there were 236,566 motor cycles and auto cycles. This represents a net increase of 7,003 (+3.1%) against 229,563 at the end of December 2021 (Table 1.1).

5. Road traffic accidents

The number of road traffic accidents registered during the year 2022 was 35,513 against 28,660 in the preceding year, showing an increase of 23.9%. Among those accidents, in the majority, 33,234 (93.6%) there were no injury, 99 were fatal and 2,180 caused serious or slight injuries (Table 2.1).

Compared to 2021, accidents causing casualties increased by 24.0%, those causing serious injuries by 11.1% and slight injuries by 29.5% in 2022, while fatal accidents decreased by 4.8%.

In 2022, the accident rate, expressed as the number of accidents per 100,000 mid-year population, was 2,917 compared to 2,346 in 2021. The number of accidents per 1,000 mid-year registered motor vehicles was 56 against 47 in 2021.

6. Casualties

The number of persons who died as a result of road accidents in 2022 was 108, same as in 2021. The fatality rate, expressed as the number of persons who died as a result of road accidents per 100,000 mid-year population, increased to 8.9, compared to 8.8 in 2021 (Table 2.1). Out of the 108 persons killed in road accidents during year 2022, the most vulnerable category of road users were riders/pillion riders of auto/motor cycles (53), followed by pedestrians (33), (Table 2.6).

7. Hit and run cases of accidents causing casualties

In 2022, there were 132 "hit and run" cases causing casualties compared to 116 in 2021. Out of these 132 cases, 58.3% (77) involved vehicles only, while the other 41.7% (55) 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 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 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.

5. 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, crushing 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 in 2022

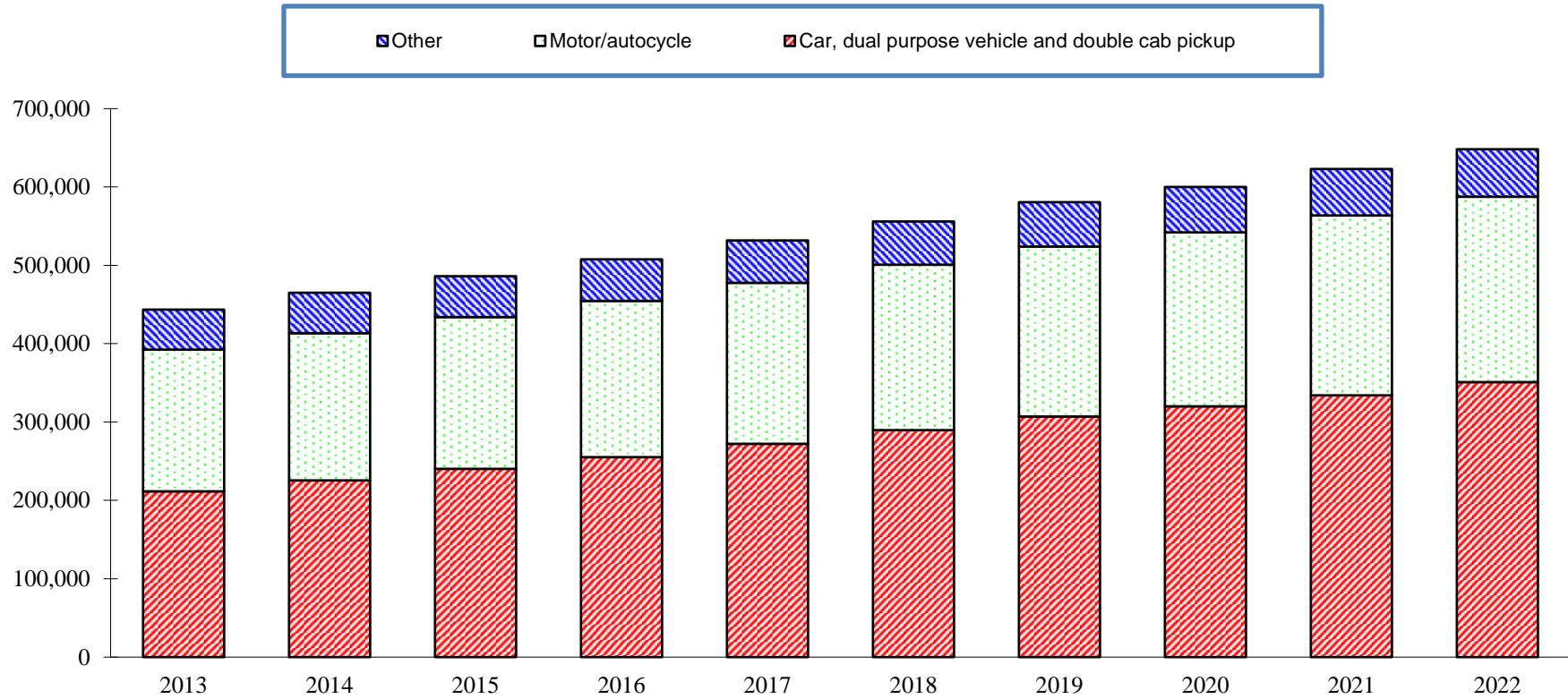
Type of vehicle	No. of vehicles at 31.12.21	New vehicles	Imported second-hand vehicles	Re - registered vehicles ²	Vehicles off the road ³	No. of vehicles at 31.12.22	Net change 2022
Car	277,066	9,795	6,392	2,177	2,799	292,631	15,565
Dual purpose vehicle	47,834	0	4	60	159	47,739	- 95
Double cab pickup	9,204	1,468	24	428	498	10,626	1,422
Heavy motor car	1,380	18	1	30	31	1,398	18
Motor cycle	107,725	4,783	11	1,638	2,070	112,087	4,362
Auto cycle	121,838	1,384	1,457	0	200	124,479	2,641
Lorry and truck	17,040	690	206	268	356	17,848	808
Van	30,323	261	135	292	336	30,675	352
Bus	3,151	40	0	7	21	3,177	26
Tractor and dumper	3,543	69	3	44	59	3,600	57
Prime mover	1,152	20	17	12	17	1,184	32
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
Total	622,988	18,528	8,250	4,956	6,546	648,176	25,188

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.

Fig. 1.1 - Stock of registered vehicles, 2013 - 2022



Type of vehicle	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Car, dual purpose vehicle and double cab pickup	211,586	225,522	240,289	255,199	272,213	289,676	307,081	320,064	334,104	350,996
Motor cycle and autocycle	180,785	187,851	193,688	199,399	205,493	211,125	216,863	221,988	229,563	236,566
Other	51,124	51,679	52,167	53,078	54,091	55,200	56,685	58,001	59,321	60,614
Total	443,495	465,052	486,144	507,676	531,797	556,001	580,629	600,053	622,988	648,176

Table 1.2 - Vehicles¹ registered , 2013 - 2022

Type of vehicle	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Car	160,701	173,954	188,299	202,696	218,976	235,598	251,973	264,120	277,066	292,631
<i>(of which taxi car)</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>(6,907)</i>	<i>(6,907)</i>	<i>(6,907)</i>
Dual purpose vehicle	49,730	49,503	49,301	48,961	48,603	48,200	48,025	47,908	47,834	47,739
Double cab pickup ²	1,155	2,065	2,689	3,542	4,634	5,878	7,083	8,036	9,204	10,626
Heavy motor car	1,250	1,271	1,284	1,316	1,345	1,367	1,370	1,377	1,380	1,398
Motor cycle	65,827	72,067	77,603	82,746	88,360	93,636	99,111	103,589	107,725	112,087
Auto cycle	114,958	115,784	116,085	116,653	117,133	117,489	117,752	118,399	121,838	124,479
Lorry and truck	14,061	14,243	14,372	14,645	15,024	15,505	16,086	16,512	17,040	17,848
Van	26,624	26,890	27,229	27,656	28,121	28,506	29,125	29,744	30,323	30,675
Bus	2,963	3,006	2,980	3,107	3,101	3,086	3,087	3,101	3,151	3,177
Tractor and dumper	3,226	3,254	3,244	3,251	3,277	3,351	3,427	3,474	3,543	3,600
Prime mover	715	734	774	817	873	947	1,055	1,120	1,152	1,184
Trailer	1,846	1,842	1,850	1,853	1,913	1,999	2,085	2,218	2,277	2,277
Road roller	102	103	103	105	109	110	110	110	110	110
Other	337	336	331	328	328	329	340	345	345	345
TOTAL	443,495	465,052	486,144	507,676	531,797	556,001	580,629	600,053	622,988	648,176

¹ Excluding pedal cycles, but including government vehicles.

Table 1.3 - Age composition of cars, dual purpose vehicles and double cab pickup , 2021 - 2022

(as at 31st December)

Age group (Years)	2021		2022	
	Number	%	Number	%
< 5	66,454	19.9	88,941	25.3
5 < 10	77,089	23.1	77,237	22.1
10 < 15	54,620	16.3	50,327	14.3
≥ 15	135,941	40.7	134,491	38.3
TOTAL	334,104	100.0	350,996	100.0

**Fig. 1.2 - Age composition of cars,dual purpose vehicles and double cab pickup
(as at 31st December)**

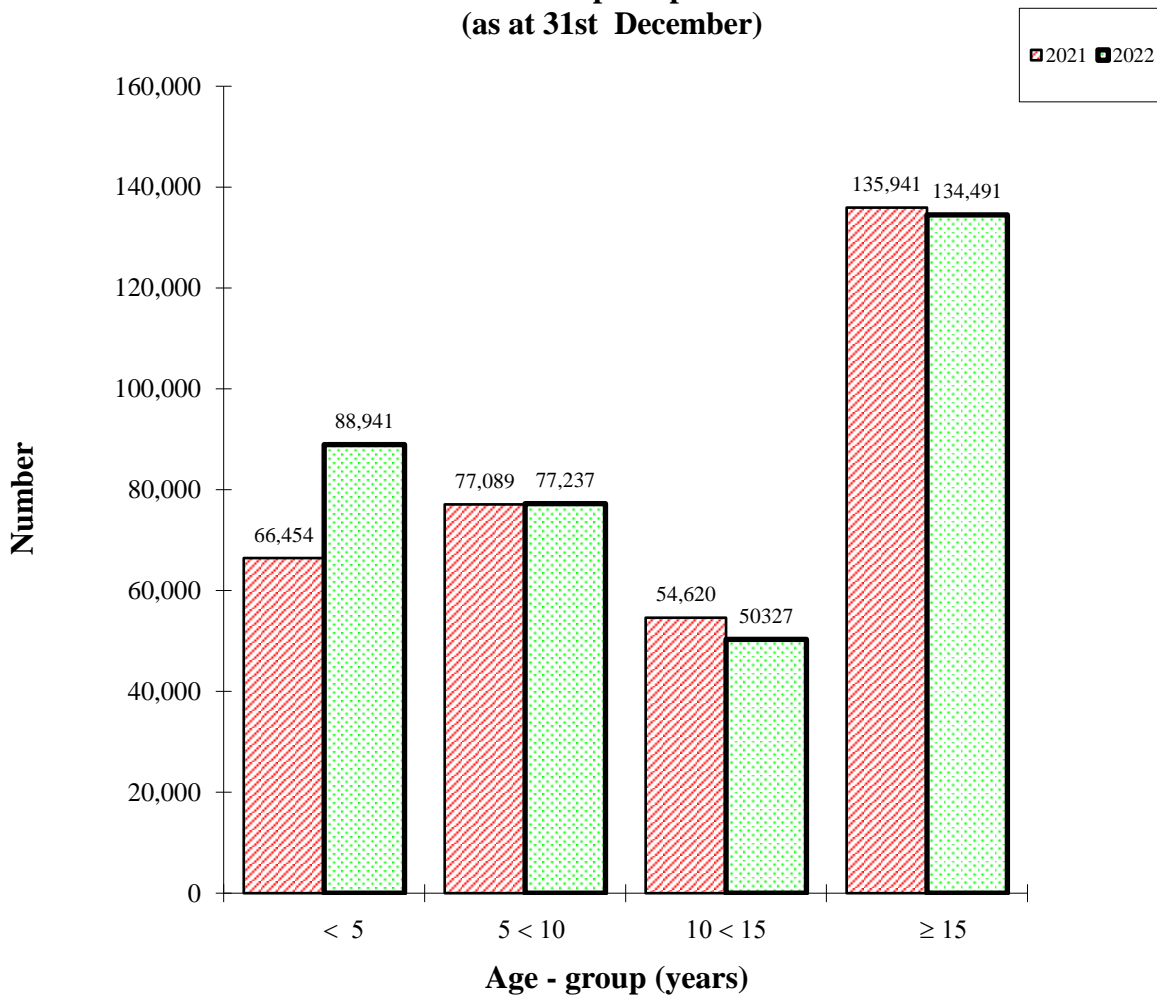


Table 1.4 - Age composition of operational bus fleet ¹, 2021 - 2022

(as at 31st December)

Age group (Years)	2021		2022	
	Number	%	Number	%
< 5	236	12.0	206	10.4
5 < 10	654	33.2	597	30.3
10 < 15	669	34.0	625	31.0
15 < 20	409	20.8	565	28.3
TOTAL	1,968	100.0	1,993	100.0

¹ Refers only to buses with a Road Service License, i.e, buses which operate on proclaimed routes and charge individual fares

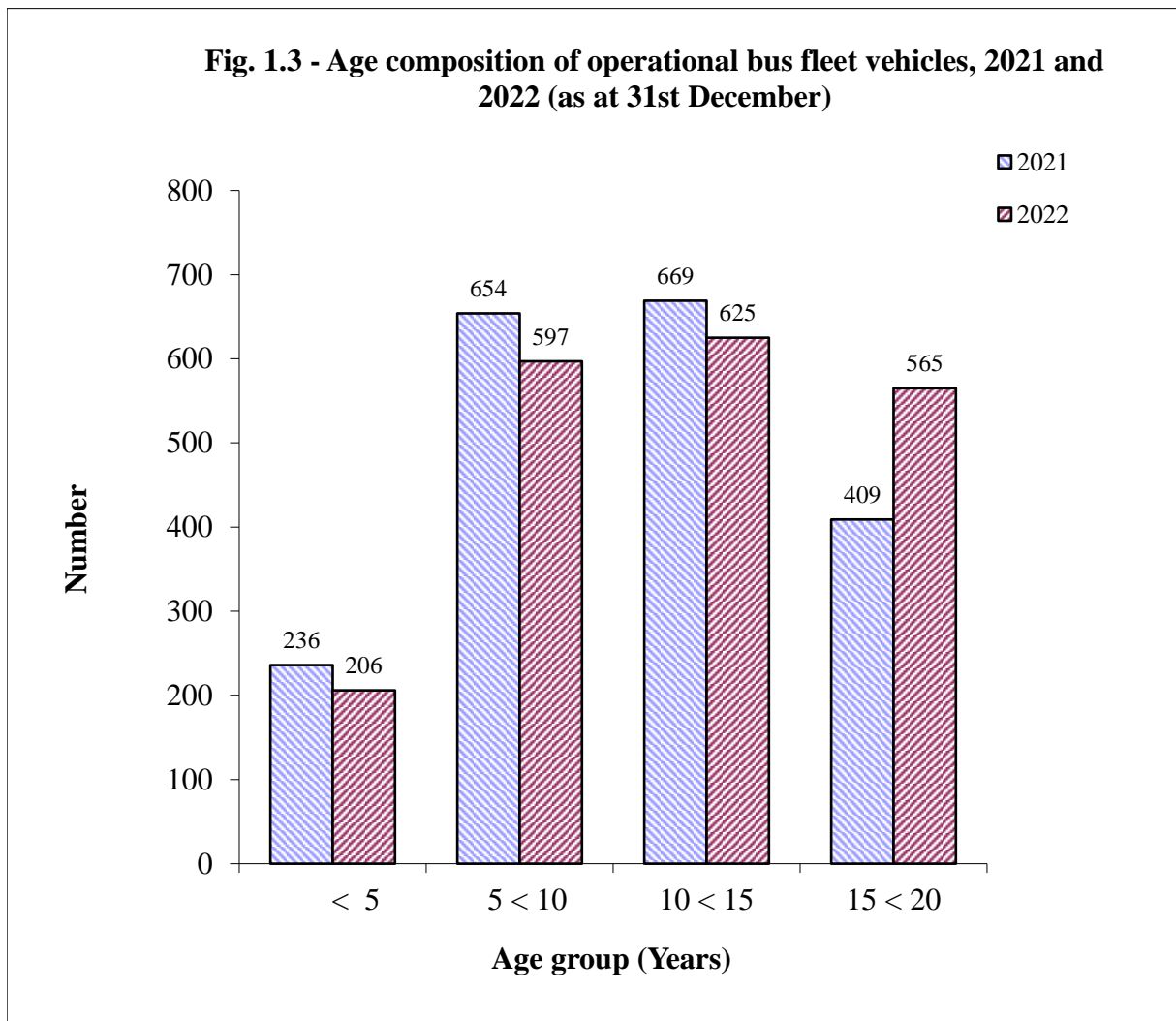


Table 2.1 - Road traffic accidents¹, 2021 - 2022

	2021	2022	Change	
			Number	%
1. Road traffic accidents	28,660	35,513	+ 6,853	+ 23.9
Number of accidents causing casualties	1,838	2,279	+ 441	+ 24.0
<i>Fatal accident</i> ²	104	99	- 5	- 4.8
<i>Serious injury accident</i>	360	400	+ 40	+ 11.1
<i>Slight injury accident</i>	1,374	1,780	+ 406	+ 29.5
Non injury accident	26,822	33,234	+ 6,412	+ 23.9
Rate per 100,000 population	2,346	2,917	+ 571	+ 24.3
Rate per 1,000 registered motor vehicles	47	56	+ 9	+ 19.1
2. Vehicles involved in road accidents	56,663	69,783	+ 13,120	+ 23.2
of which				
<i>Motor Vehicles</i>	56,598	69,718	+ 13,120	+ 23.2
Rate per 1,000 registered motor vehicles	93	110	+ 17	+ 18.3
Number of motor vehicles involved in accidents causing casualties	3,020	3,250	+ 230	+ 7.6
3. Casualties	2,371	2,721	+ 350	+ 14.8
<i>Fatal</i> ²	108	108	0	0.0
<i>Seriously injured</i>	418	480	+ 62	+ 14.8
<i>Slightly injured</i>	1,845	2,133	+ 288	+ 15.6

¹ Exclude accidents involving bicycles only or bicycle and pedestrian² Based on definition of fatal accidents where death occurred within 30 days.

Table 2.2 - Road traffic accidents¹ and casualties, 2013 - 2022

	2013	2014	2015	2016	2017	2018	2019	2020	2021 ³	2022
1. Road traffic accidents :										
Number	23,563	26,400	28,476	29,277	29,627	29,075	29,644	28,611	28,660	35,513
Rate per 100,000 population	1,936	2,165	2,333	2,397	2,425	2,379	2,425	2,341	2,346	2,917
Rate per 1,000 registered motor vehicles	55	58	60	59	57	54	52	49	47	56
2. Motor vehicle involved :										
Number	41,888	51,264	55,617	57,335	58,178	56,962	58,267	56,627	56,663	69,783
Rate per 1,000 registered motor vehicles	97	113	117	116	112	105	102	96	93	110
3. Casualties :										
Total number of casualties of which	3,610	3,592	3,722	3,862	4,209	3,718	3,559	2,802	2,371	2,721
<i>Fatal</i>	136	137	139	144	157	143	144	131	108	108
<i>Seriously injured</i>	465	505	530	512	560	597	523	532	418	480
<i>Slightly injured</i>	3,009	2,950	3,053	3,206	3,492	2,978	2,892	2,139	1,845	2,133
4. Fatality :										
Rate per 100,000 population	11.2	11.2	11.4	11.8	12.8	11.7	11.8	10.7	8.8	8.9
Rate per 1,000 registered motor vehicles	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
Fatality index ²	3.8	3.8	3.7	3.7	3.7	3.8	3.9	4.7	4.6	4.0

¹ Exclude accidents involving bicycles only or bicycle and pedestrian.

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

³ Revised

Table 2.3 -Number of vehicles involved in accidents (causing casualties) by type, 2021 - 2022

Type of vehicle	2021					2022				
	Casualties					Casualties				
	Fatal	Serious	Slight	Total	%	Fatal	Serious	Slight	Total	%
Private car	67	305	1,156	1,528	40.6	77	299	1,618	1,994	43.2
Taxi car	2	11	49	62	1.6	2	13	70	85	1.8
Bus	21	21	99	141	3.7	4	34	129	167	3.6
Lorry	14	16	46	76	2.0	13	16	53	82	1.8
Van	8	33	91	132	3.5	6	32	211	249	5.4
Motor / auto cycle	99	365	1,139	1,603	42.6	87	312	1,367	1,766	38.3
Other motor vehicles	5	15	79	99	2.6	9	28	125	162	3.5
Total motor vehicles	216	766	2,659	3,641	96.7	198	734	3,573	4,505	97.7
Pedal cycle	4	20	100	124	3.3	4	18	84	106	2.3
All vehicles	220	786	2,759	3,765	100.0	202	752	3,657	4,611	100.0

Table 2.4 - Number of casualties by class of road users, 2021- 2022

Class of road users	2021				2022			
	Jan. - Jun.	Jul. - Dec.	Total	%	Jan. - Jun.	Jul. - Dec.	Total	%
Pedestrian	161	175	336	8.9	265	314	579	11.0
Passenger	354	448	802	21.3	545	773	1,318	25.0
Driver	595	715	1,310	34.8	774	1,037	1,811	35.0
Rider (auto/motor cycle)	569	670	1,239	33.0	680	779	1,459	28.0
Pedal cyclist	33	39	72	1.9	21	51	72	1.0
Total	1,712	2,047	3,759	100.0	2,285	2,954	5,239	100.0

Table 2.5 - Number of accidents (causing casualties) involved in "hit and run" cases, 2021- 2022

Year Accident	2021				2022			
	Jan. - Jun.	Jul. - Dec.	Total	%	Jan. - Jun.	Jul. - Dec.	Total	%
Vehicles v/s pedestrian	18	27	45	38.8	30	25	55	41.7
Vehicles v/s vehicles	29	42	71	61.2	38	39	77	58.3
Total	47	69	116	100.0	68	64	132	100.0

Table 2.6 - Number of fatalities by category of road users and age-group, 2022

Category of road users Age - group (years)	Cyclists	Drivers of four wheeled vehicles	Passengers of four wheeled vehicles	Pedestrians	Riders / pillion riders of auto/motor cycles	Total
Under 5	0	0	0	0	0	0
5 - 14	0	0	0	0	1	1
15 - 29	0	3	7	2	18	30
30 - 44	1	2	3	4	17	27
45 - 59	2	0	0	6	11	19
60 - 69	1	0	1	5	5	12
Over 69	0	0	2	16	1	19
All ages	4	5	13	33	53	108

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