

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

January – June 2004

1. Vehicles registered as at June 2004

At the end of June 2004, the number of vehicles registered at the National Transport Authority (NTA) was 283,710. This represents a net increase of 7,339 vehicles (2.7%) as compared to end of December 2003 when the number of registered vehicles stood at 276,371 (Table 1.1).

The composition of the fleet by type of vehicles shows that around 45.0% (127,527) were motorized two-wheelers, 39.7% (112,708) were cars and dual purpose vehicles while the remaining 15.3% comprised vans (22,881), lorries and trucks (11,636), buses (2,474) and other vehicles (6,484) (Table 1.2).

2. Net increase between January and June 2004

Between January and June 2004, the fleet was strengthened with the registration of 9,668 vehicles, of which 5,406 (55.9%) were new, 3,594 (37.2%), imported second-hand and the remaining 668 (6.9%) re-registered vehicles. However, during the same period, 2,329 vehicles were put off the road, so that the net addition to the fleet was 7,339 vehicles (Table 1.3).

3. Cars and dual purpose vehicles

The number of cars and dual purpose vehicles increased by 4,801 (4.4%) from 107,907 at the end of December 2003 to reach 112,708 at the end of June 2004. This increase was the result of the registration of 5,623 such vehicles (2,185 new, 3,085 imported second-hand and 353 re-registered) coupled with 822 which were put off the road.

4. Motor cycles and auto cycles

At the end of June 2004, there were 127,527 motor cycles and auto cycles. This represents a net increase of 1,925 (1.5%) compared to 125,602 at end of December 2003.

5. Road traffic accidents

The number of road accidents reported at police stations from January to June 2004 was 10,580 against 9,457 for the same period last year, showing an increase of 11.9%. Among these accidents the majority, 9,470 or nearly 90% were non-injury, 65 fatal, 99 caused serious injuries and 946 resulted in slight injuries. Compared to the corresponding semester of last year, fatal and slight-injury accidents increased by 14.0% and 3.8% respectively while serious-injury accidents decreased by 7.5%.

6. Vehicles involved in road accidents

From January to June 2004, the total number of vehicles (both motor and non-motor vehicles) involved in road accidents were 19,647 compared to 17,549 for the corresponding period of 2003. As shown in Table 2.3, among the 19,478 motor vehicles involved, 48.0% were private cars, 20.5% vans and 9.9% motor/auto cycles.

7. Casualties

The number of casualties reported during the first six months of 2004 was 1,525, representing an increase of 11.5% over the corresponding period of last year. Of these casualties, 72 were fatal, 116 were seriously injured and the remaining 1,337 slightly injured. The number of fatalities (persons killed as a result of road accidents) increased from 59 to 72 (+22.0%) and slightly injured from 1,172 to 1,337 (+14.1%) while the number of seriously injured fell from 137 to 116 (-15.3%).

Among the casualties, 27.5% were riders of motor/auto cycles, 23.5% were pedestrians and 30.1% passengers (Table 2.4).

8. Hit and run cases

From January to June 2004, some 255 'Hit and run' cases were reported at police stations against 215 in the corresponding period of last year (Table 2.5). Of these 255 cases, 214 or 83.9% were accidents involving vehicles only and the remaining 41 or 16.1% involved both vehicles and pedestrians.

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Definitions and General Notes

A. Vehicle Statistics:

- I. Data refer to all vehicles registered at the 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.
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, tractor, and
 - (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.

B. Road Traffic Accident Statistics:

1. **Accidents** refer to all accidents as reported at police stations.
2. **Casualties refer** to the total number of fatalities and persons injured as the result of road accidents.
3. **Fatalities:** Prior to 2002, fatalities were defined as deaths occurring within 7 days as a result of road accidents. Since January 2002, fatalities are defined as deaths occurring within 30 days as a result of the road accidents.
4. **Serious injuries:** Fracture, concussion, internal crushing, severe cut and laceration, severe general shock requiring medical treatment.
5. **Slight injuries:** Secondary injuries such as sprain, bruises and cuts not judged to be severe.

Table 1.1 - Vehicles¹ registered as at June 2004

Type of vehicle	No. of vehicles at 31.12.03	New vehicles Jan - June 04	Used imported vehicles Jan - June 04	Re - registered vehicles ² Jan - June 04	Vehicles off the road ³ Jan - June 04	No. of vehicles at 30.06.04	Net addition Jan - June 2004
Car	68,524	1,631	2,971	258	573	72,811	4,287
Dual purpose vehicle	39,383	554	114	95	249	39,897	514
Motor cycle	26,744	1,005	14	138	331	27,570	826
Auto cycle	98,858	1,827	6	13	747	99,957	1,099
Lorry and truck	11,501	72	93	78	108	11,636	135
Van	22,496	162	353	56	186	22,881	385
Bus	2,460	42	--	1	29	2,474	14
Other	6,405	113	43	29	106	6,484	79
Total	276,371	5,406	3,594	668	2,329	283,710	7,339

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 , Dec. 1994 - Dec. 2003 , June 2004

Type of vehicle	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004 (June)
Car (of which taxi car)	41,355 (4,311)	43,288 (4,439)	45,563 (4,673)	48,390 (4,721)	51,051 (4,761)	52,892 (4,905)	54,911 (5,039)	58,082 (5,318)	63,307 (5,801)	68,524 (5,979)	72,811 (6,130)
Dual purpose vehicle	20,023	22,086	24,382	27,050	29,527	32,262	34,912	36,984	38,129	39,383	39,897
Heavy motor car	848	898	922	934	945	934	916	923	944	958	983
Motor cycle	20,461	21,492	22,230	22,839	23,577	24,125	24,523	25,104	25,723	26,744	27,570
Auto cycle	72,509	76,317	79,524	82,567	85,566	88,821	91,955	94,849	97,078	98,858	99,957
Lorry and truck	8,559	8,815	9,058	9,356	9,750	10,138	10,485	10,888	11,236	11,501	11,636
Van	10,292	10,851	11,434	12,469	14,508	16,814	18,807	20,694	21,750	22,496	22,881
Bus	2,276	2,362	2,348	2,359	2,367	2,344	2,394	2,408	2,450	2,460	2,474
Tractor and dumper	2,478	2,546	2,580	2,615	2,627	2,630	2,645	2,683	2,683	2,877	2,909
Prime mover	249	256	262	278	297	315	322	335	349	369	385
Trailer	1,428	1,534	1,597	1,640	1,703	1,719	1,726	1,776	1,770	1,772	1,780
Road roller	106	107	106	108	105	102	100	100	101	100	100
Other	300	315	314	317	321	319	322	323	321	329	327
TOTAL	180,884	190,867	200,320	210,922	222,344	233,415	244,018	255,149	265,841	276,371	283,710

¹ excluding pedal cycles, but including government vehicles

Table 1.3 - Registration of vehicles by type , Jan. - June 2003 and Jan. - June 2004

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	
	2003	2004	2003	2004	2003	2004	2003	2004
Car	923	1,631	1,696	2,971	199	258	558	573
Dual purpose vehicle	571	554	207	114	66	95	237	249
Motor cycle	605	1,005	9	14	110	138	334	331
Auto cycle	1,538	1,827	7	6	5	13	738	747
Lorry and truck	104	72	93	93	52	78	104	108
Van	131	162	341	353	51	56	174	186
Bus	54	42	--	--	4	1	35	29
Other	76	113	28	43	23	29	104	106
Total	4,002	5,406	2,381	3,594	510	668	2,284	2,329

¹ refers to re-registration of vehicles previously off the road

² unlicensed either temporarily or permanently

Table 2.1 - Road traffic accidents¹, Jan - June 2003 and Jan - June 2004

	Jan - June 2003 ²	Jan - June 2004 ²	Change	
			Number	%
1. Road traffic accidents				
Number of accidents	9,457	10,580	+1,123	+11.9
Fatal accident	57	65	+8	+14.0
Serious injury accident	107	99	-8	-7.5
Slight injury accident	911	946	+35	+3.8
Non injury accident	8,382	9,470	+1,088	+13.0
2. Vehicles involved in accidents				
Number of vehicles involved	17,549	19,647	+2,098	+12.0
Motor - vehicles	17,370	19,478	+2,108	+12.1
Other vehicles	179	169	-10	-5.6
3. Casualties				
Total number of casualties	1,368	1,525	+157	+11.5
Fatal	59	72	+13	+22.0
Seriously injured	137	116	-21	-15.3
Slightly injured	1,172	1,337	+165	+14.1

¹ exclude accidents involving bicycles only

² based on definition of fatal accidents where deaths occurred within 30 days

Table 2.2 - Road traffic accidents ¹ and casualties , 1994 - 2003, Jan - June 2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004 (Jan-June)
1. Road traffic accidents:											
Number	15,727	14,683	14,845	15,954	18,055	17,877	18,278	18,517	18,022	19,178	10,580
Rate per 100,000 Population	<i>1,459</i>	<i>1,350</i>	<i>1,351</i>	<i>1,433</i>	<i>1,605</i>	<i>1,569</i>	<i>1,588</i>	<i>1,591</i>	<i>1,535</i>	<i>1,616</i>	-
Rate per 1,000 registered motor vehicles	<i>91</i>	<i>80</i>	<i>77</i>	<i>78</i>	<i>84</i>	<i>79</i>	<i>77</i>	<i>75</i>	<i>69</i>	<i>72</i>	-
2. Motor vehicles involved :											
Number	27,203	25,584	26,270	28,561	32,568	32,547	33,537	33,988	33,119	35,239	19,647
Rate per 1,000 registered motor vehicles	<i>158</i>	<i>139</i>	<i>135</i>	<i>140</i>	<i>152</i>	<i>144</i>	<i>142</i>	<i>137</i>	<i>127</i>	<i>133</i>	-
3. Casualties :											
Total number of casualties	3,947	3,586	3,774	3,755	3,828	3,405	3,291	3,264	2,904	2,698	1,525
Fatal ²	154	173	153	146	162	170	163	126	158	131	72
Seriously injured ²	330	280	238	261	281	237	266	288	216	291	116
Slightly injured	3,463	3,133	3,383	3,348	3,385	2,998	2,862	2,850	2,530	2,276	1337
4. Fatality :											
Rate per 100,000 population	<i>14.3</i>	<i>15.9</i>	<i>13.9</i>	<i>13.1</i>	<i>14.4</i>	<i>14.9</i>	<i>14.2</i>	<i>10.8</i>	<i>13.5</i>	<i>11</i>	-
Rate per 1,000 registered motor vehicle	<i>0.9</i>	<i>0.9</i>	<i>0.8</i>	<i>0.7</i>	<i>0.8</i>	<i>0.8</i>	<i>0.7</i>	<i>0.5</i>	<i>0.6</i>	<i>0.5</i>	-
Index ³	<i>3.9</i>	<i>4.8</i>	<i>4.1</i>	<i>3.9</i>	<i>4.2</i>	<i>5.0</i>	<i>5.0</i>	<i>3.9</i>	<i>5.4</i>	<i>4.8</i>	-

¹ exclude accidents involving bicycles only and bicycles and pedestrians

² from 1993 to 2001, figures were based on definition of fatal accidents where deaths occurred within 7 days

as from 2002, figures are based on definition of fatal accidents where deaths occurred within 30 days

³ fatality index is the number of fatalities per 100 casualties

Table 2.3 - Vehicles¹ involved in accidents by type, January 2003 - June 2004

Type of vehicle	2003						2004	
	Jan. - June		Jul. - Dec.		Year		Jan. - June	
	Number	%	Number	%	Number	%	Number	%
Private car	8,155	46.5	8,267	45.9	16,422	46.2	9,358	47.6
Taxi car	1,501	8.6	1,567	8.7	3,068	8.6	1,547	7.9
Bus	1,159	6.6	1,241	6.9	2,400	6.7	1,345	6.8
Lorry	1,033	5.9	1,207	6.7	2,240	6.3	1,150	5.9
Van	3,481	19.8	3,640	20.2	7,121	20.0	3,988	20.3
Motor/auto cycle	1,845	10.5	1,763	9.8	3,608	10.1	1,922	9.8
Other motor vehicles	196	1.1	184	1.0	380	1.1	168	0.8
Total motor vehicles	17,370	99.0	17,869	99.1	35,239	99.0	19,478	99.1
Pedal cycle	168	0.9	149	0.8	317	0.9	163	0.8
Other non motor vehicles	11	0.1	3	0.1	14	0.1	6	0.1
All vehicles	17,549	100.0	18,021	100.0	35,570	100.0	19,647	100.0

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

Table 2.4 - Casualties by class of road users, January 2003 - June 2004

Class of road users	2003				2004	
	Jan. - June		Jul. - Dec.		Jan. - June	
	Number	%	Number	%	Number	%
Pedestrian	383	28.0	342	25.7	359	23.5
Passenger	312	22.8	381	28.7	459	30.1
Driver	150	11.0	145	10.9	166	10.9
Rider(auto / motor cycle)	400	29.2	331	24.9	419	27.5
Pedal cyclist	123	9.0	131	9.8	122	8.0
All road users	1,368	100.0	1,330	100.0	1,525	100.0

Table 2.5 - Total road accidents involving "hit and run" cases, January 2003 - June 2004

Period Accident	2003				2004	
	Jan. - June		Jul. - Dec.		Jan. - June	
	Number	%	Number	%	Number	%
Vehicles v/s pedestrians	45	20.9	22	11.1	41	16.1
Vehicles v/s vehicles	170	79.1	176	88.9	214	83.9
Total	215	100.0	198	100.0	255	100.0