



Republic of Mauritius

# ECONOMIC AND SOCIAL INDICATORS

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January - June 2001

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Island of Mauritius

January - June 2001

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Central Statistics Office  
Ministry of Economic Development, Financial Services and Corporate Affairs  
Port-Louis  
Republic of Mauritius

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

**January – June 2001**

### **1. Vehicles registered as at June 2001**

At the end of June 2001, the number of vehicles registered at the National Transport Authority (N.T.A) was 249,923, showing a net increase of 5,905 from 244,018 at the end of December 2000 (Table 1.1).

The composition of the fleet by type of vehicle shows that 47.4% (118,483) were motorized two-wheelers, 36.9% (92,258) were cars or dual purpose vehicles while the remaining 15.7% comprised vans (20,016), lorries or trucks (10,685), buses (2,402) and other vehicles (6,079). (Table 1.2)

### **2. Net increase between January and June 2001**

Between January and June 2001, the fleet was strengthened with the registration of 8,160 vehicles, of which 63% (5,096) were new, 21% (1,731) were imported second-hand and (16%) 1,333 were re-registered vehicles previously off the road. However, during the same period, 2,255 vehicles were put out of circulation, so that the net addition to the fleet was 5,905 vehicles (Table 1.3).

### **3. Cars and dual purpose vehicles**

During the first six months of 2001, 3,188 cars and dual purpose vehicles (1,750 new, 1,001 imported second-hand and 437 re-registered) were registered with the NTA and 753 were put off the road leading to a net increase of 2,435. Thus the number of vehicles of this category increased by 2.7% from 89,823 at the end of December 2000 to 92,258 at the end of June 2001.

### **4. Road traffic accidents**

The number of road accidents reported at police stations from January to June 2001 was 9,029 against 8,927 a year earlier, i.e. showing an increase of around 1.1 %.

Among the accidents reported, 54 were fatal, 99 caused serious injuries to the persons involved, 1,054 led to slight injuries and the remaining 7,822 were non-injury accidents (Table 2.1). Compared to the first semester of 2000, the number of fatal and serious-injury accidents decreased by 3.6% and 2% respectively whilst accidents involving slight injuries increased by 9.4 %.

## **5. Vehicles involved in road accidents**

As shown in Table 2.3, the total number of vehicles involved in road accidents from January to June 2001 was 16,787 compared to 16,597 in the corresponding period of 2000, i.e. an increase of 1.1 %. Private cars (45.4%), vans (20.3%) and motor/auto cycles (10.9%) accounted for more than 75% of all vehicles involved in the road accidents.

## **6. Casualties**

The number of casualties reported during the first semester of this year was 1,531 of which 56 were fatal cases, 126 were seriously injured and the remaining 1,349 were slightly injured (Table 2.1). Overall, there were 1.7% (26) more casualties in the first six months of this year than in the corresponding period of last year but the number of fatal and 'seriously injured' cases went down by 18 % (12) and 12 % (17) respectively. The number of 'slightly injured' cases increased by 4.2 % (55).

As shown in Table 2.4, the most vulnerable road users were riders of auto/motor cycles, pedestrians and passengers, representing 32.8%, 24.4% and 23.9% of all casualties respectively.

## **7. Hit and run cases**

Some 211 " hit and run" cases were reported at police stations during the first semester of 2001, against 172 in the same period of last year. Of these 211 cases, 189 were accidents involving vehicles only and the remaining 22 involved both vehicles and pedestrians (Table 2.5).

**Central Statistics Office  
Ministry of Economic Development, Financial Services and Corporate  
Affairs  
Port Louis**

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## Definitions and General Notes

### A. Vehicle Statistics

1. In this report, data refer to all vehicles registered at the National Transport Authority; pedal cycles are therefore excluded. The classification of vehicles 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 cars, dual purpose vehicles, heavy motor cars, motor cycles, lorries, vans, buses, tractors, and
  - (b) **non-motorised vehicles**, for example trailers.
  
3. Definition of some types of vehicles according to the Road Traffic Act of 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) **Autocycle**

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 reported at police stations.
2. **Casualties:** Total number of fatalities and persons injured as a result of road accidents.
3. **Fatalities:** Deaths occurring within seven days as a result of road accidents.
4. **Serious injuries:** Fractures, concussions, internal crushing, severe cuts and lacerations, severe general shock requiring medical treatment.
5. **Slight injuries:** Secondary injuries such as sprains, bruises and cuts not judged to be severe.

Table 1.1 - Vehicles registered as at June 2001

Type of vehicle	No. of vehicles as at 31.12.00	New vehicles registered Jan. - June 01	Imported second-hand vehicles registered Jan. - June 01	Re-registration of vehicles <sup>1</sup> Jan. - June 01	Vehicles off the road <sup>2</sup> Jan. - June 01	No. of vehicles as at 30.06.01	Net addition
Car	54,911	779	603	266	533	56,026	1,115
Dual purpose vehicle	34,912	971	398	171	220	36,232	1,320
Motor cycle	24,523	460	11	192	316	24,870	347
Auto cycle	91,955	1,918	9	517	786	93,613	1,658
Lorry and truck	10,485	98	144	64	106	10,685	200
Van	18,807	763	525	78	157	20,016	1,209
Bus	2,394	48	1	--	41	2,402	8
Other	6,031	59	40	45	96	6,079	48
<b>Total</b>	<b>244,018</b>	<b>5,096</b>	<b>1,731</b>	<b>1,333</b>	<b>2,255</b>	<b>249,923</b>	<b>5,905</b>

<sup>1</sup> Refers to re-registration of vehicles previously off the road

<sup>2</sup> Unlicensed either temporarily or permanently

Table 1.2 - Vehicles<sup>1</sup> registered by type, Dec. 1991 - Dec. 2000, June 2001

Type of vehicle	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 ( June )
<b>Car</b> ( of which taxi car )	35,673 (3,965)	37,696 (4,014)	39,511 (4,050)	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)	56,026 (5,161)
<b>Dual purpose vehicle</b>	14,343	16,246	17,882	20,023	22,086	24,382	27,050	29,527	32,262	34,912	36,232
<b>Heavy motor car</b>	766	799	826	848	898	922	934	945	934	916	921
<b>Motor cycle</b>	14,740	16,880	18,829	20,461	21,492	22,230	22,839	23,577	24,125	24,523	24,870
<b>Auto cycle</b>	53,834	60,859	66,711	72,509	76,317	79,524	82,567	85,566	88,821	91,955	93,613
<b>Lorry and truck</b>	7,226	7,776	8,166	8,559	8,815	9,058	9,356	9,750	10,138	10,485	10,685
<b>Van</b>	7,602	8,749	9,663	10,292	10,851	11,434	12,469	14,508	16,814	18,807	20,016
<b>Bus</b>	2,021	2,097	2,217	2,276	2,362	2,348	2,359	2,367	2,344	2,394	2,402
<b>Tractor and dumper</b>	2,274	2,356	2,413	2,478	2,546	2,580	2,615	2,627	2,630	2,645	2,658
<b>Prime mover</b>	197	212	228	249	256	262	278	297	315	322	328
<b>Trailer</b>	1,231	1,288	1,333	1,428	1,534	1,597	1,640	1,703	1,719	1,726	1,749
<b>Road roller</b>	96	100	106	106	107	106	108	105	102	100	100
<b>Other</b>	251	262	273	300	315	314	317	321	319	322	323
<b>Total</b>	<b>140,254</b>	<b>155,320</b>	<b>168,158</b>	<b>180,884</b>	<b>190,867</b>	<b>200,320</b>	<b>210,922</b>	<b>222,344</b>	<b>233,415</b>	<b>244,018</b>	<b>249,923</b>

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

Table 1.3 - Registration of vehicles by type, Jan. - June 2000 and Jan. - June 2001

Type of vehicle	New vehicles registered		Imported second - hand vehicles registered		Re - registration of vehicles		Vehicles put off the road	
	Jan. - June		Jan. - June		Jan. - June		Jan. - June	
	2000	2001	2000	2001	2000	2001	2000	2001
Car	865	779	368	603	309	266	588	533
Dual purpose vehicle	1,031	971	349	398	157	171	196	220
Motor cycle	287	460	13	11	174	192	308	316
Auto cycle	1,816	1,918	5	9	520	517	763	786
Lorry and truck	93	98	112	144	62	64	128	106
Van	779	763	271	525	86	78	150	157
Bus	73	48	--	1	2	--	50	41
Other	47	59	8	40	30	45	87	96
<b>Total</b>	<b>4,991</b>	<b>5,096</b>	<b>1,126</b>	<b>1,731</b>	<b>1,340</b>	<b>1,333</b>	<b>2,270</b>	<b>2,255</b>



**Table 2.1 - Road traffic accidents<sup>1</sup>, Jan. - June 2000 and Jan. - June 2001**

	2000	2001	Change	
	Jan. - June	Jan. - June	Number	%
<b>1. Road traffic accidents</b>				
<b>Number of accidents</b>	<b>8,927</b>	<b>9,029</b>	<b>+ 102</b>	<b>+ 1.1</b>
Fatal accident	56	54	-2	- 3.6
Serious injury accident	101	99	-2	- 2.0
Slight injury accident	963	1,054	+ 91	+ 9.4
Non injury accident	7,807	7,822	+ 15	+ 0.2
<b>2. Vehicles involved in accidents</b>				
<b>Number of vehicles involved</b>	<b>16,597</b>	<b>16,787</b>	<b>+ 190</b>	<b>+ 1.1</b>
Motor vehicles	16,420	16,593	+ 173	+ 1.1
Other vehicles	177	194	+ 17	+ 9.6
<b>3. Casualties</b>				
<b>Total number of casualties</b>	<b>1,505</b>	<b>1,531</b>	<b>+ 26</b>	<b>+ 1.7</b>
Fatal	68	56	-12	- 17.6
Seriously injured	143	126	-17	- 11.9
Slightly injured	1,294	1,349	+ 55	+ 4.3

<sup>1</sup> Excluding accidents involving bicycles only

**Table 2.2 - Road traffic accidents<sup>1</sup> and casualties, 1992 - 2000, Jan. - June 2001**

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 (Jan. - June)
<b>1. Road traffic accidents:</b>										
<b>Number</b>	14,371	14,562	15,727	14,683	14,845	15,954	18,055	17,877	18,278	9,029
Rate per 100,000 Population	1,369	1,378	1,459	1,350	1,351	1,434	1,605	1,570	1,589	...
Rate per 1,000 registered motor vehicles	97	91	91	80	77	78	84	79	77	...
<b>2. Motor vehicles involved :</b>										
<b>Number</b>	24,549	25,240	27,203	25,584	26,270	28,561	32,568	32,547	33,537	16,593
Rate per 1,000 registered motor vehicles	167	158	158	139	135	140	152	144	142	...
<b>3. Casualties :</b>										
<b>Total number of casualties</b>	4,395	4,160	3,947	3,586	3,774	3,755	3,828	3,405	3,291	1,531
Fatal	119	157	154	173	153	146	162	170	163	56
Seriously injured	378	322	330	280	238	261	281	237	266	126
Slightly injured	3,898	3,681	3,463	3,133	3,383	3,348	3,385	2,998	2,862	1,349
<b>4. Fatality :</b>										
Rate per 100,000 population	11.3	14.8	14.3	15.9	13.9	13.1	14.4	14.9	14.2	...
Rate per 1,000 registered motor vehicles	0.8	1.0	0.9	0.9	0.8	0.7	0.8	0.8	0.7	...
<b>Index <sup>2</sup></b>	2.7	3.8	3.9	4.8	4.1	3.9	4.2	5.0	5.0	...

<sup>1</sup> Excluding accidents involving bicycles only

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

... Not applicable

Table 2.3 - Vehicles<sup>1</sup> involved in accidents by type, January 2000 - June 2001

Type of vehicle	2000						2001	
	Jan. - June		Jul. - Dec.		Year		Jan - June	
	Number	%	Number	%	Number	%	Number	%
Private car	7,766	46.8	7,908	45.7	15,674	46.2	7,615	45.4
Taxi car	1,412	8.5	1,419	8.2	2,831	8.3	1,398	8.3
Bus	1,100	6.6	1,144	6.6	2,244	6.6	1,180	7.0
Lorry	943	5.7	1,152	6.7	2,095	6.2	1,011	6.0
Van	3,189	19.2	3,397	19.6	6,586	19.4	3,407	20.3
Motor/auto cycle	1,901	11.4	1,915	11.0	3,816	11.3	1,831	10.9
Other motor vehicles	109	0.7	182	1.0	291	0.9	151	0.9
<b>Total motor vehicles</b>	<b>16,420</b>	<b>98.9</b>	<b>17,117</b>	<b>98.8</b>	<b>33,537</b>	<b>98.9</b>	<b>16,593</b>	<b>98.8</b>
Pedal cycle	160	1.0	191	1.1	351	1.0	169	1.0
Other non motor vehicles	17	0.1	12	0.1	29	0.1	25	0.2
<b>All vehicles</b>	<b>16,597</b>	<b>100.0</b>	<b>17,320</b>	<b>100.0</b>	<b>33,917</b>	<b>100.0</b>	<b>16,787</b>	<b>100.0</b>

<sup>1</sup> Only three main vehicles have been considered in accidents involving more than three vehicles

**Table 2.4 - Casualties by class of road users, January 2000 - June 2001**

Class of road users	2000				2001	
	Jan. - June		Jul. - Dec.		Jan. - June	
	Number	%	Number	%	Number	%
<b>Pedestrian</b>	380	25.2	464	25.9	373	24.4
<b>Passenger</b>	426	28.3	485	27.2	366	23.9
<b>Driver</b>	132	8.8	185	10.4	155	10.1
<b>Rider (auto / motor cycle)</b>	462	30.7	502	28.1	503	32.8
<b>Pedal cyclist</b>	105	7.0	150	8.4	134	8.8
<b>All road users</b>	<b>1,505</b>	<b>100.0</b>	<b>1,786</b>	<b>100.0</b>	<b>1,531</b>	<b>100.0</b>

**Table 2.5 - Road accidents involving hit and run cases, January 2000 - June 2001**

Period Accident	2000				2001	
	Jan. - June		Jul. - Dec.		Jan. - June	
	Number	%	Number	%	Number	%
Vehicles v/s pedestrian	12	7.0	20	14.1	22	10.4
Vehicles v/s vehicles	160	93.0	122	85.9	189	89.6
<b>Total</b>	<b>172</b>	<b>100.0</b>	<b>142</b>	<b>100.0</b>	<b>211</b>	<b>100.0</b>