

1. Road Transport



Howrah Bridge Kolkata

1. ROAD TRANSPORT

Concepts and Definitions

Surfaced Road-A road with a hard smooth surface of bitumen or tar

Highway- is a main road for travel by the public between important destinations, such as cities and states.

Fleet Utilisation- Average number of buses on road during the year÷Average number of buses held during the year

National Highways - The arterial roads of the country for inter-state and strategic defence movements. They traverse the length and width of the country connecting the National and State Capitals, major ports and rail junctions and link up with border roads and foreign highways.

National highways in India, are the primary long-distance roadways. Most are maintained by the Government of India, others are operated under a public-private partnership by the private sector. Most are two-lane (one in each direction).

District Roads – The branch roads of the State and National Highways to serve as the main roads for intra-district movements. They traverse the length and breadth of a district to connect the areas of production and marketing in the district to one another and to the national highways.

State Highways- (Land width 30.48 M.-45.20 M. Formation width 9.75 M) – The arterial roads in a state for inter-district movements. They traverse the length and width of a state connecting the state capital, District headquarters and important towns and cities and link up with the National Highways and adjacent State Highways.

Major District Roads- District Roads for which higher specifications are prescribed.

Other District Roads- District Roads for which lower specifications are prescribed.

Rural Roads- Other District Roads plus village Roads for which the specifications prescribed are lower.

Road Density- Road Length/ Geographical Area or Population of India

Village Roads- These roads serve as the feeder roads of the other highways as well as the roads for inter village movements. They pass through rural area connecting the villages to one another and to the nearest District Roads, State Highways, National Highways, Railway Roads.

Urban Roads - A road within the limits of the area of Municipality, Military Cantonment, Port or Railway Authority.

Project Roads- A road within the limits of the area of a development project of a public authority for the exploitation of resources such as Forests, Irrigation, Electricity, Coal, Sugar-cane, Steel etc.

Registered Vehicles - Vehicle registration is usually the compulsory registration of a vehicle with a government authority. Vehicle registration's purpose is to facilitate government regulation, punishment, or taxation of motorists or vehicle owners.

Vehicles are often uniquely identified by a vehicle identification number.

Registered vehicles typically display a vehicle registration plate. Registration of vehicles in India is done by the local Regional Transport Offices (RTO) of that state. Commercial vehicles registered in one state cannot enter another state without a permit, which usually costs a lot. Passenger vehicles registered in one state, are allowed to pass through other state, but are not allowed to stay in another state for longer than 30 days.

Multi-axled/ Articulated Vehicles - A multi-axle bus is a bus or coach that has more than the standard two axles, usually three (tri-axle bus) or more rarely, four. An articulated vehicle is a vehicle which has a permanent or semi-permanent pivoting joint in its construction, allowing the vehicle to turn more sharply. There are many kinds of articulated vehicles, from heavy equipment to buses, trams and trains. Steam locomotives were sometimes articulated in that the driving wheels could pivot around turns. Buses are articulated to allow for a much longer bus which can still navigate within the turning radius of a normal bus.

In a broader sense, any vehicle towing a trailer could be described as articulated (the word articulated comes from the Latin *articulus* : small joint).

Heavy Goods vehicle - Heavy Goods Vehicle means any goods carriage the gross-vehicle weight of which, or a tractor or a road roller the unladen weight of either of which, exceeds 12,000 Kilograms.

Heavy Passenger Motor Vehicle : Heavy Passenger Motor Vehicle means any public service vehicle or private service vehicle or educational institution bus or omnibus the gross vehicle weight of any of which, or a motor car the unladen weight of which, exceed 12,000 kilograms.

Light Motor vehicles- Light Motor Vehicle means a transport vehicle or omnibus the gross vehicle weight of either of which or a motor car or tractor or road roller the unladen weight of any of which, does not exceed 6,000 Kilogram.

Utilisation per bus on road per day- Effective kilometre operated during the year÷(Average number of buses on road during the year×365)

1. ROAD TRANSPORT

1.1 The chief data source for this sector is Transport Research Wing of the Ministry of Road Transport and Highways. Unless otherwise stated analytical highlights given below are based on Table No. 1.0 on Trends in Important Indicators of Road Transport Infrastructure.

Accessibility

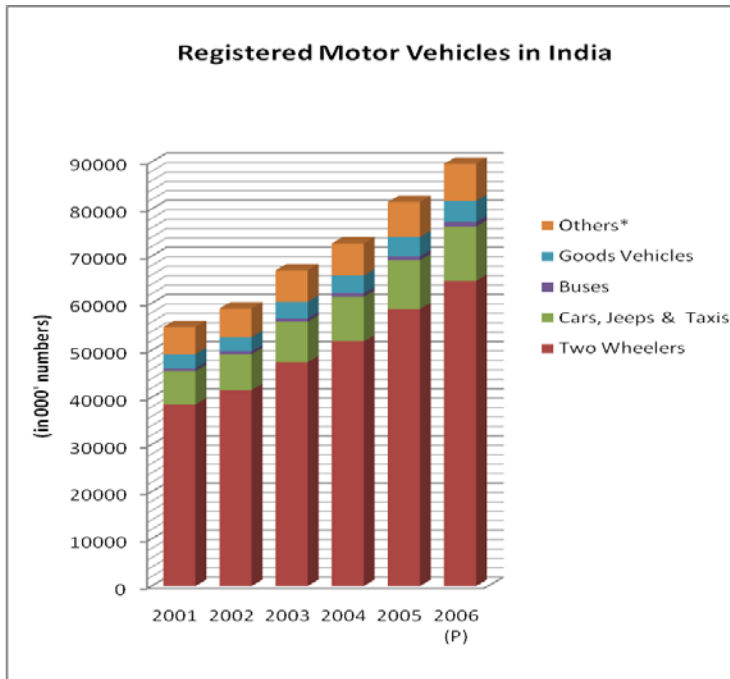
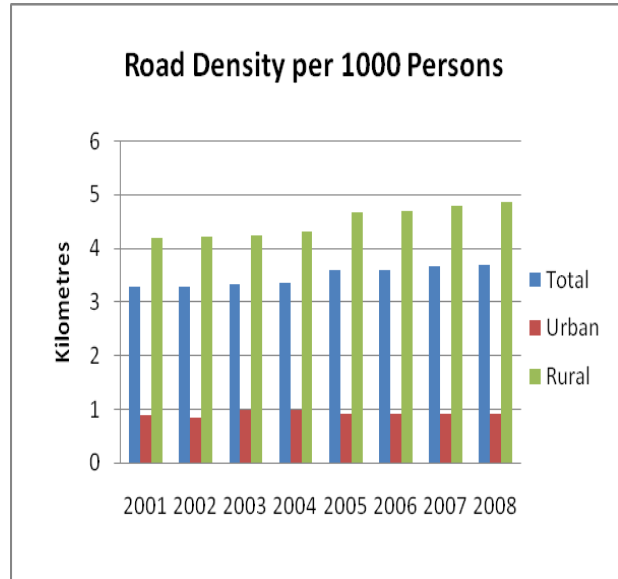
1.2 The road transport sector in India has expanded manifold in more than fifty years after independence, both in terms of spread (total road length & road density) and capacity (No. of registered vehicles on road and the volume of passenger and freight traffic handled). The total road length has increased from 4.0 lakh km. as on 31.03.1951 to about 42.4 lakh km as on 31.03.2008, an increase of more than 10 times. The total length of National highways has increased from 22.2 Th. Km to 66.8 Th. km, an increase of about 3 times only, during this period. (Table X.1).

Table - X.1 : Trends in road characteristics in India				
(Thousand km)				
Year*	Length of roads	Length of national highways	Length of state highways	Share of surfaced roads to total (%)
1951	400	22.2	NA	39.25
1961	524.5	23.8	NA	50.1
1971	915	24	56.8	43.5
1981	1485.4	31.7	94.4	46
1991	1998.2	33.7	127.3	51.3
2000	3325.8	52	132.8	47.32
2001	3373.5	57.7	132.1	47.48
2002	3426.6	58.1	137.7	48.49
2003	3528.7	58.1	134.8	48.21
2004	3621.5	65.6	133.2	48.62
2005	3929.4	65.6	144.4	46.99
2006	4003.9	66.6	148.1	47.72
2007	4140.5	66.6	152.8	48.24
2008	4236.4	66.8	154.5	49.34

*Year ending on 31st March, NA: Not Available

Sources: (i) Economic Survey, 2009-10 for the data from 1951 to 1991

1.3 The road density, defined as the average road length per 1000 population, has increased from 3.28 km as on 31.03.2001 to 3.70 km as on 31.03.2008, registering a CAGR of 3.3%. The rural road density per 1000 population increased from 4.20 km to 4.86 km, whereas urban road density increased from 0.88km to 0.91km during this period. The road density per 1000 population appears to be higher in rural areas because of lower population density in rural areas compared to urban areas. In terms of availability of roads per unit area, the road density (per 1000 km²) at all- India level increased from 1026.24 km to 1288.74 km.



1.4 The number of registered motor vehicles per thousand persons increased from 53 in 2001 to 81 in 2006 indicating improvement in accessibility of means of transport for the people.

1.5 Buses including omnibuses, which are the main mass transport vehicles on the roads, show a growth rate of 9.37% during 2001-2006. But they account for only 1% of the registered traffic on the roads (Table 1A.13). Actually non transport vehicles are 90% of the registered motor vehicles (Table 1A.16) and thereby real culprits for increase in

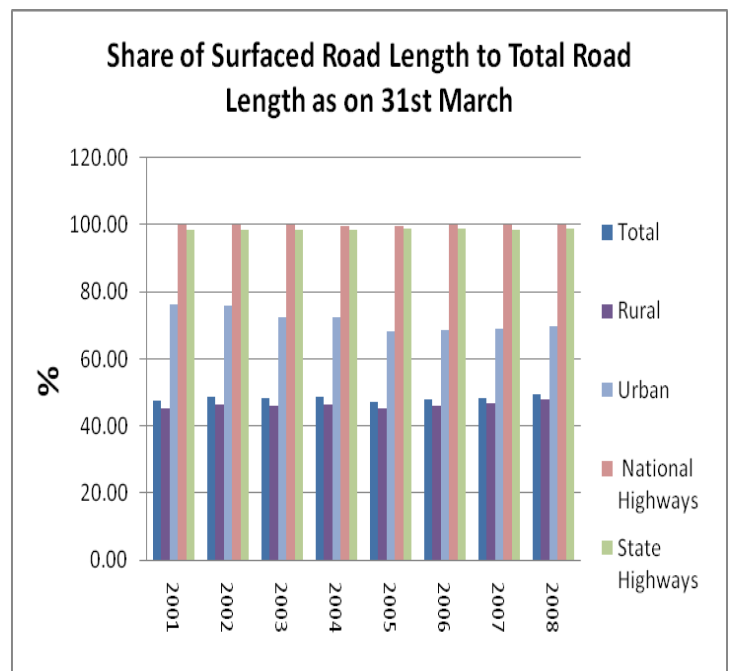
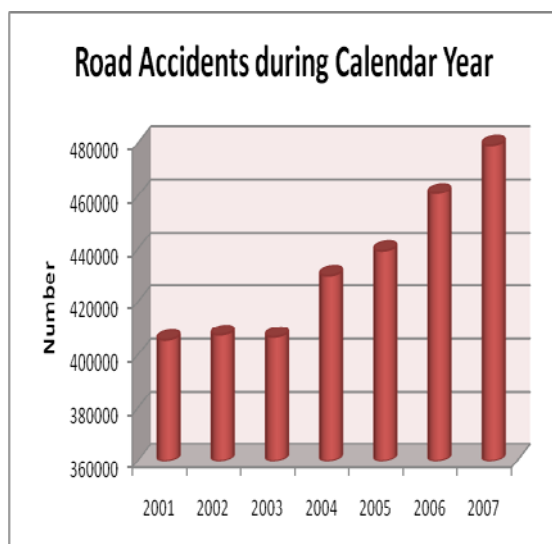
road congestion. Out of the non transport vehicles, two wheelers alone account for about 70% share in registered motor vehicles in the country (Table 1A.13).

1.6 The fleet strength of SRTU buses increased only nominally from 114970 to 118629 during 2001-2008. But notable feature is that private sector participation in bus fleet increased from approximately 82% in the year 2001 to 89% in 2006. The number of private buses increased from 519 thousand in 2001 to 880 thousand in 2006.

Quality

1.7 There has been a staggering increase in the number of motorized vehicles, but the expansion in the road network has not been commensurate with this increase. While the motor vehicle population has grown from 55 million in 2001 to over 89 million in 2006 with CAGR of 10.26%, the road network has expanded from 3 million km in 2001 to 4 million km in 2008, at a CAGR of 3.31% only. Consequently, the number of registered vehicles per km. of road has increased from about 16 to 22 during this period, adding to the road congestion.

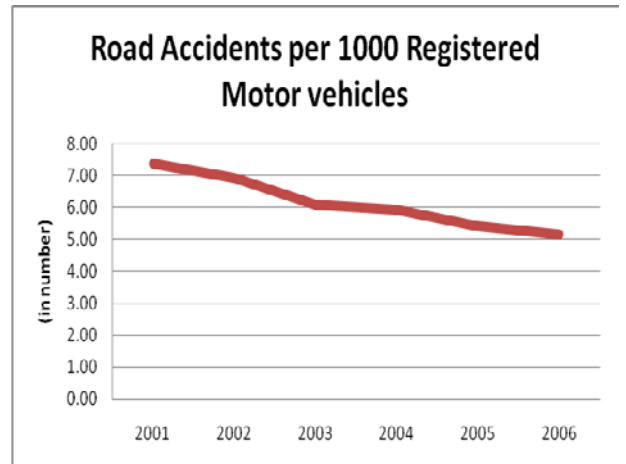
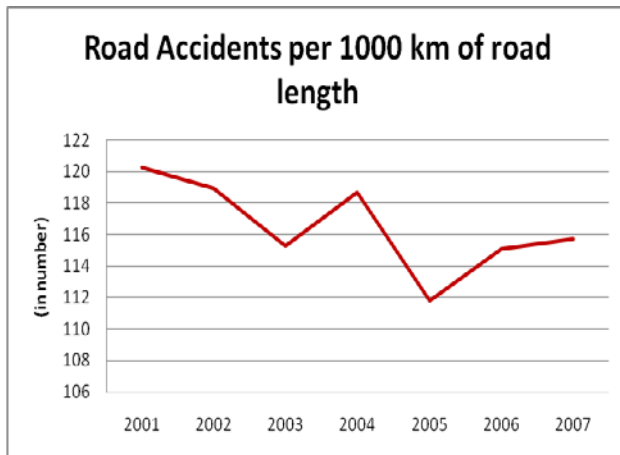
1.8 The share of surfaced roads in the total road length increased from 47 % in 2001 to 49% in 2008. The share of surfaced National highways to total National highways increased from 99.9% to 100% during this period.



1.9 The total number of road accidents has increased from about 4.1 lakh in 2001 to 4.8 lakh in 2007. The number of casualties from accidents has increased from 4.86 lakh to 6.28 lakh and share of fatality in the casualties has increased from 16.64% to 18.23% during the same period, which means that the accidents are

becoming more fatal over time. This may be due to deterioration in driving ethics, quality and skill of driving.

1.10 Road accidents per 1000 registered motor vehicles and per thousand kilometre of road length show a negative average annual growth rate indicating a decrease in accident rate over the years. The number of road accidents per 1000 registered motor vehicles decreased from 7 in 2001 to 5 in 2006. Road accidents per thousand kilometre of road length decreased from 120 in 2001 to 116 in 2008. But due to large increase in number of vehicles on roads, absolute number of accidents is increasing over the years.



1.11 Breakdowns in SRTU buses per lakh kilometer decreased from 5.3 in 2000 to 2.1 in 2008, indicating improvement in quality of buses.

1.12 The general trend of reduction in staff strength is visible in SRTU's also. Total number of SRTU employees decreased from 7.4 lakh in 2001 to 6.6 lakh employees in 2008.

Fiscal Cost

1.13 During the 10th plan central budgetary support to the sector was ₹210 crore, showing a large increase over 9th plan outlay of ₹60 crore. State budgetary support to the sector increased from ₹7355 crore during the 9th plan to ₹9207 crore, during the 10th plan, showing an increase of ₹1852 crore over the ninth plan outlay. State plan outlay forms about 99% of the total plan outlay for the sector. Utilisation of funds under central plan increased from 71% in the IX plan to 85% in the X plan. Utilisation of funds under state plan decreased from 81% in the IX plan to 60% in the X plan (Table 1C.1).

1.14 The total capital invested for SRTU's increased from ₹8200 crore to ₹13821 crore, at a CAGR of 7.7% during 2001- 2008. Total cost of operation of SRTU's is higher than total revenue during 2001-2008.

Utilisation

1.15 Both passenger and freight tonne kilometre performed by road transport show significant growth during 2001-2007. Passenger km performed increased from 2075.5 billion to 4251.7 billion during 2001-2006, showing a CAGR of 15%. Freight tonne km performed increased from 494 billion to 766 billion during 2001-2007, showing a CAGR of 7.6%.

1.16 Utilisation per SRTU bus on road per day increased from 313 km in 2001 to 344 km in 2008.

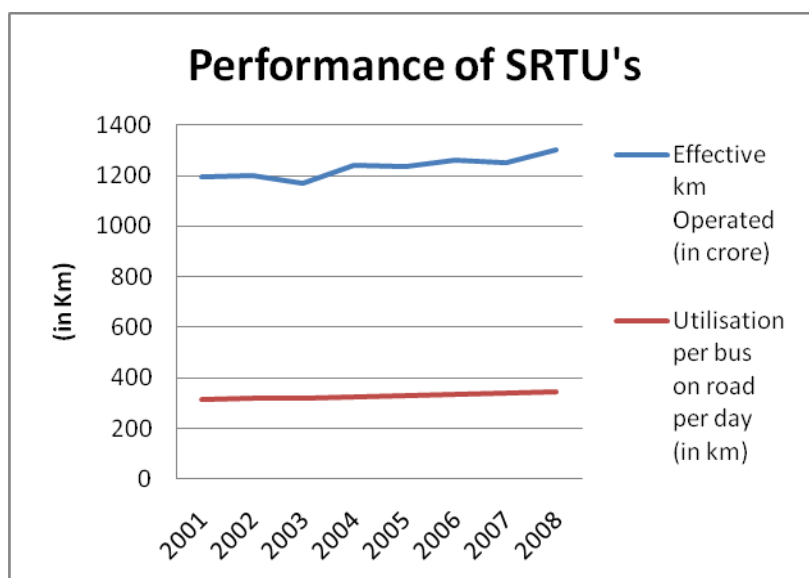


Table 1.0 : Trends in Important Indicators of Road Transport Infrastructure

Sl. No.	Description	2001	2002	2003	2004	2005	2006	2007	2008	CAGR %
(Reference Date / Period - As on 31st March for Stock Variables - Financial Year ending on 31st March for Flow Variables)										
A	ACCESS									
I	Road Length (in km) as on 31st March (Direct Access measures)									
1	Total	3373520	3426603	3528654	3621507	3929439	4003930	4140544	4236429	3.31
2	Rural [@]	3121519	3176308	3231395	3320197	3642732	3711939	3839964	3932102	3.35
3	Urban	252001	250295	297259	301310	286707	291991	300580	304327	2.73
4	Length of National Highways	57737	58112	58115	65569	65569	66590	66590	66754	2.09
5	Length of State Highways	132100	137711	134807	133177	144416	148071	152816	154522	2.26
6	Share of National Highways to Total Roads(%)	1.71	1.70	1.65	1.81	1.81	1.67	1.66	1.66	-0.42
7	Share of State Highways to Total Roads(%)	3.92	4.02	3.82	3.68	3.99	3.77	3.80	3.73	-0.68
II	Road Density (Indirect Access measures)									
8	Total Road Density									
	Per 1000 km ²	1026.24	1042.39	1073.43	1101.68	1195.35	1218.01	1259.57	1288.74	3.31
	Per 1000 Population	3.28	3.28	3.32	3.36	3.59	3.60	3.67	3.70	1.74
9	Urban Road Density									
	Per 1000 km ²	3224.03	3202.21	3803.05	3854.88	3668.05	3735.66	3845.54	3893.48	2.73
	Per 1000 Population	0.88	0.85	0.99	0.98	0.91	0.91	0.91	0.91	0.41
10	Rural Road Density									
	Per 1000 km ²	1001.05	1018.62	1036.29	1064.77	1168.20	1190.40	1231.45	1261.00	3.35
	Per 1000 Population	4.20	4.22	4.24	4.30	4.66	4.69	4.80	4.86	2.10

[@] In table 1.0 rural road length includes rural roads constructed under JRY and PMGSY

Table 1.0(contd.) : Trends in Important Indicators of Road Transport Infrastructure

Sl. No.	Description	2001	2002	2003	2004	2005	2006	2007	2008	CAGR %
		(Reference Date / Period - As on 31st March for Stock Variables - Financial Year ending on 31st March for Flow Variables)								
A		ACCESS								
III	Surfaced Road length (in km) as on 31st march									
11	Total	1601745	1661555	1701258	1760768	1846629	1910792	1997323	2090282	3.88
12	Rural	1409948	1471303	1486307	1542407	1651352	1710582	1790271	1877532	4.18
13	Urban	191797	190252	214951	218361	195277	200210	207052	212750	1.49
14	National Highways	57679	58006	58006	65358	65358	66590	66590	66754	2.11
15	State Highways	129862	135546	132937	131262	142898	146325	150713	152738	2.34
IV	Rolling Stock as on 31st March									
16	Registered Motor Vehicles (in thousand)	54991	58924	67007	72718	81501	89618	-	-	10.26
17	Registered Motor Vehicles per 1000 Population (in number)	53	56	63	67	74	81	-	-	8.55
18	Total Number of Buses (in thousand numbers)	633.9	635.0	720.8	767.6	892.7	992.0	-	-	9.37
19	Public Sector Buses (in thousand numbers)	115.0	114.7	114.9	111.4	113.3	112.1	-	-	-0.51
20	% Share to Total no. of Buses	18.1	18.1	15.9	14.5	12.7	11.3	-	-	-9.03
21	Private Sector Buses (in thousand numbers)	518.9	520.3	605.9	656.2	779.4	879.9	-	-	11.14
	% Share to Total no. of Buses	81.9	81.9	84.1	85.5	87.3	88.7	-	-	1.62
V	State Road Transport Undertakings									
22	Bus Fleet held as on 31st March (in number)	114970	114689	114875	111369	113266	112159	115362	118629	0.45
23	Average No. of Buses Held during the Year (in number)*	115259	116353	108264	112730	111237	112524	109584	112148	-0.39
24	Average No. of Buses on - road during the Year (in number)	104655	103321	99711	103712	102449	103410	101253	103530	-0.15
*	Including hired buses from private sector									

Table 1.0(contd.) : Trends in Important Indicators of Road Transport Infrastructure

Sl. No.	Description	2001	2002	2003	2004	2005	2006	2007	2008	CAGR %
		(Reference Date / Period - As on 31st March for Stock Variables - Financial Year ending on 31st March for Flow Variables)								
B		QUALITY								
VI	Road Density									
25	Registered Motor Vehicles per 1000 km Road Length (in number)	16301	17196	18989	20079	20741	22383			6.55
VII	% Share of Surfaced Road Length to Total Road Length as on 31st March									
26	Total	47.48	48.49	48.21	48.62	46.99	47.72	48.24	49.34	0.55
27	Rural	45.17	46.32	46.00	46.46	45.33	46.08	46.62	47.75	0.80
28	Urban	76.11	76.01	72.31	72.47	68.11	68.57	68.88	69.91	-1.21
29	National Highways	99.90	99.82	99.81	99.68	99.68	100.00	100.00	100.00	0.01
30	State Highways	98.31	98.43	98.61	98.56	98.95	98.82	98.62	98.85	0.08
VIII	Accidents during calendar year (in number)									
31	Road Accidents	405637	407497	406726	429910	439255	460920	479216	-	2.82
32	Road Accidents per 1000 regd. Motor vehicles	7	7	6	6	5	5	-	-	-6.96
33	Road Accidents per 1000 km of road length	120	119	115	119	112	115	116		-0.63
IX	Casualties in Road Accidents during Calendar Year (in number)									
34	Casualties	486104	493385	521120	557139	560250	602230	627784	-	4.36
35	% of Killed to Total Casualties	16.64	17.16	16.50	16.62	16.95	17.56	18.23	-	1.53
36	% of Injured to Total Casualties	83.36	82.84	83.50	83.38	83.05	82.44	81.77	-	-0.32
37	Casualties per 1000 regd. Motor vehicles	9	8	8	8	7	7	-	-	-5.34
38	Casualties per 1000 km road length	144	144	148	154	143	150	152		0.85
39	Casualties per lakh Population	47	47	49	52	51	54	56	-	2.76
40	Casualties per 1000 road accident	1198	1211	1281	1296	1275	1307	1310	-	1.50

Table 1.0(contd.) : Trends in Important Indicators of Road Transport Infrastructure

Sl. No.	Description	2001	2002	2003	2004	2005	2006	2007	2008	CAGR %
		(Reference Date / Period - As on 31st March for Stock Variables - Financial Year ending on 31st March for Flow Variables)								
B		QUALITY								
X	State Road Transport Undertakings									
41	Breakdowns per 10,000 km (in number)	0.43	0.41	0.40	0.39	0.35	0.34	0.26	0.21	-9.73
42	Total No. of STU employees(in million numbers)	0.74	0.75	0.70	0.71	0.69	0.68	0.66	0.66	-1.62
C		FISCAL COST								
43	Outlay (Centre+States) (Rs. in crore)	-	-	2239.5	1401.3	1542.5	1704.7	2224.1	-	-0.17
44	Expenditure (Centre+States) (Rs. in crore)	-	-	1230.8	883.0	803.2	1202.3	1600.1	-	6.78
45	% Utilization	-	-	55.0	63.0	52.1	70.5	71.9	-	6.97
XI	Financial Performance of State Road Transport Undertakings (Rs. In crore)									
46	Capital Invested **	8200	9489.2	9195.6	10464.2	11021	11490.9	14316.2	13821.1	7.74
47	Total Cost	17272	18233.2	18142.1	19582.5	21395.5	23707.7	24950.7	26007.6	6.02
48	Total Revenue	15325.6	16040.5	16618.4	18112	19508.6	21396.8	22800.5	23945.8	6.58
49	Profit/ Loss	-1946.5	-2192.7	-1523.7	-1470.5	-1886.9	-2310.9	-2150.3	-2061.8	0.83
D		UTILISATION								
50	Freight Transport by Road (In Billion Tonne km)	494	515	545	595	646	658.9	766.2	-	7.59
51	Passenger Transport by Road(In Billion Passenger km)	2075.5	2413.1	2814.7	3070.2	3469.3	4251.7	-	-	15.42
XII	State Road Transport Undertakings									
52	% Fleet Utilisation	90.8	88.8	92.1	92	92.1	91.9	92.4	92.3	0.23
53	Effective km Operated (in crore)	1196.69	1201.15	1170.63	1240.03	1237.73	1260	1251.22	1301.6	1.21
54	Utilisation per bus on road per day (in km)	313.4	318.5	321.5	326.7	330.9	333.9	338.6	343.5	1.32
55	No. of Passengers carried (in crore numbers)	2322.63	2183.35	2047.15	2083.36	2211.35	2262.97	2235.57	2293.02	-0.18
56	% Load Factor	66.54	63.14	62.45	59.92	60.96	62.38	63.19	65.49	-0.23

** From 1983-84 Capital Invested is worked out after omitting current liabilities and accumulated losses.

Source : 1.Material supplied by TRW,M/o Road Transport & Highways

2.Road Transport Year Book published by TRW, M/o Road Transport & Highways

3.Compendium of Selected Indicators of Indian Economy, published by M/o Statistics & PI

Table 1A.1 : Total Road Length by Categories in India

(in km)

Sl · N o	Category	as on 31st March											
		2003		2004		2005		2006		2007		2008	
		Length	%	Length	%	Length	%	Length	%	Length	%	Length	%
A	Highways	2045370	57.96	2107061	58.18	2415941	61.48	2459886	61.44	2550838	61.61	2600104	61.37
I	PWD Roads	889879	25.22	918003	25.35	996195	25.35	1018349	25.43	1053828	25.45	1084517	25.60
i	National Highways	58112	1.65	65569	1.81	65569	1.67	66590	1.66	66590	1.61	66754	1.58
ii	State Highways	134807	3.82	133177	3.68	144396	3.67	148090	3.70	152235	3.68	154522	3.65
iii	Other PWD Roads	696960	19.75	719257	19.86	786230	20.01	803669	20.07	835003	20.17	863241	20.38
II	Panchayat Raj Roads	1155491	32.75	1189058	32.83	1419746	36.13	1441537	36.00	1497010	36.15	1515587	35.78
i	Zila Parishad Roads	531827	15.07	529092	14.61	469944	11.96	473705	11.83	507626	12.26	508608	12.01
ii	Village Panchayat Roads	459750	13.03	479114	13.23	621904	15.83	636205	15.89	655299	15.83	670107	15.82
iii	CD/Panchayat Samiti Roads	163914	4.65	180852	4.99	327898	8.34	331627	8.28	334085	8.07	336872	7.95
B	Rural Road constructed under	926697	26.26	951511	26.27	966976	24.61	989867	24.72	1020621	24.65	1061809	25.06
	PMGSY	26697	0.76	51511	1.42	66976	1.70	89867	2.24	120621	2.91	161809	3.82
	JRY	900000	25.51	900000	24.85	900000	22.90	900000	22.48	900000	21.74	900000	21.24
C	Urban Roads	297259	8.42	301310	8.32	286707	7.30	291991	7.29	300580	7.26	304327	7.18
i	Municipal Roads	271989	7.71	275766	7.61	261366	6.65	265975	6.64	274241	6.62	277264	6.54
ii	MES Roads	13196	0.37	13255	0.37	12733	0.32	13314	0.33	13539	0.33	14143	0.33
iii	Railway Roads	10997	0.31	11212	0.31	11483	0.29	11553	0.29	11637	0.28	11749	0.28
iv	Port Roads	1077	0.03	1077	0.03	1125	0.03	1149	0.03	1163	0.03	1171	0.03
D	Project Roads	259328	7.35	261625	7.22	259815	6.61	262186	6.55	268505	6.48	270189	6.38
i	Forest Department	148898	4.22	150533	4.16	147448	3.75	149053	3.72	153591	3.71	153940	3.63
ii	Irrigation Department	76023	2.15	76313	2.11	77999	1.98	78217	1.95	79477	1.92	80124	1.89
iii	Electricity Department	4845	0.14	4874	0.13	4897	0.12	4915	0.12	4876	0.12	5005	0.12
iv	Steel Authority & NDMC Roads	2477	0.07	2500	0.07	2519	0.06	2544	0.06	2557	0.06	2569	0.06
v	Coal Mines	3315	0.09	3352	0.09	2470	0.06	2510	0.06	2550	0.06	2575	0.06
vi	Sugar Cane Authority	23770	0.67	24053	0.66	24482	0.62	24947	0.62	25454	0.61	25976	0.61
	All Categories (A+B+C+D)	3528654	100	3621507	100	3929439	100	4003930	100	4140544	100	4236429	100

Source : I. Data for Years 2002,2003,2004 are as supplied by TRW,M/o Road Transport & Highways

Table 1A.2 : Statewise Length of Roads in India*

Sl. No.	States/UTs	(in km)						CAGR (%) (2003-08)
		2003	2004	2005	2006	2007	2008	
1	Andhra Pradesh	201895	206125	329407	336982	339002	345012	11.31
2	Arunachal Pradesh	15661	15712	17751	17216	17430	16494	1.04
3	Assam	160380	192980	208788	215819	223450	230334	7.51
4	Bihar	78750	73834	119958	120127	120127	120127	8.81
5	Chhattisgarh	72729	73993	72322	73892	73705	74434	0.46
6	Goa	10231	10240	10331	10420	10523	10569	0.65
7	Gujarat	142755	143660	143419	144777	145631	146630	0.54
8	Haryana	28511	28673	28657	29055	29397	29726	0.84
9	Himachal Pradesh	32039	32582	23452	23614	34954	36298	2.53
10	Jammu & Kashmir	20272	21095	21811	22043	22058	22323	1.95
11	Jharkhand	11391	11783	18038	18055	18071	17531	9.01
12	Karnataka	199711	200112	210415	214211	253901	255454	5.05
13	Kerala	139590	143276	169516	187147	197454	204757	7.96
14	Madhya Pradesh	164803	165340	163920	164801	165407	165740	0.11
15	Maharashtra	271369	272684	220937	220447	223142	223322	-3.82
16	Manipur	12594	12599	16502	16502	16502	16502	5.55
17	Meghalaya	9564	9701	9662	9691	9752	9839	0.57
18	Mizoram	4913	4898	5426	5974	6144	6158	4.62
19	Nagaland	20523	20647	26241	22085	21947	22304	1.68
20	Orissa	213049	213820	215141	215214	215300	215404	0.22
21	Punjab	40023	45767	46490	45165	45135	45178	2.45
22	Rajasthan	140160	144898	149753	152435	159902	171479	4.12
23	Sikkim	2023	2063	2076	2118	1873	1873	-1.53
24	Tamil Nadu	167450	170823	176209	179348	180823	181213	1.59
25	Tripura	22295	23856	31716	31731	31731	31733	7.32
26	Uttar Pradesh	259928	244442	256683	263555	272362	284673	1.84
27	Uttarakhand	34716	58054	35659	36061	39167	41041	3.40
28	West Bengal	88500	89699	195679	199052	208415	211770	19.07
State Total		2565825	2633356	2925959	2977537	3083305	3137918	4.11
Union Territories								
1	A & N Island	1181	1481	1298	1301	1303	1301	1.95
2	Chandigarh	1637	1637	2118	2118	2118	2118	5.29
3	D & N Haveli	559	632	632	632	632	632	2.49
4	Daman & Diu	240	318	223	223	223	224	-1.37
5	Delhi	29802	29812	29458	29462	29479	29559	-0.16
6	Lakshadweep	154	160	160	162	166	168	1.76
7	Puducherry	2559	2600	2613	2624	2696	2696	1.05
UT Total		36132	36640	36502	36522	36617	36698	0.31
India Total		2601957	2669996	2962463	3014063	3119924	3174620	4.06

* Excludes Roads Constructed under JRY and PMGSY

Source: 1. Material supplied by TRW, M/o Road Transport & Highways

2. Basic Road Statistics published by TRW, M/o Road Transport & Highways

Table 1A.3 : Statewise Length of Urban Roads in India

Sl. No.	States/UTs	as on 31st March						(in km)
		2003	2004	2005	2006	2007	2008	CAGR (%) (2003-08)
1	Andhra Pradesh	13521	13521	13735	13760	13771	13799	0.41
2	Arunachal Pradesh	35	35	14	14	14	14	-17
3	Assam	4270	4270	5648	5686	5725	5747	6.12
4	Bihar	9581	9911	9790	9854	9854	9854	0.56
5	Chhattisgarh	5141	5708	6304	6320	6361	6553	4.97
6	Goa	1082	1091	1127	1193	1193	1193	1.97
7	Gujarat	15645	15942	16358	17280	18400	19306	4.29
8	Haryana	4897	4897	4772	5017	5017	5024	0.51
9	Himachal Pradesh	1828	2045	1964	2019	2049	2168	3.47
10	Jammu & Kashmir	1175	1175	1611	1483	1497	1762	8
11	Jharkhand	-	-	313	313	313	313	0
12	Karnataka	25846	26187	19100	20756	22409	24070	-1.41
13	Kerala	15598	15379	11543	12037	12646	13289	-3.15
14	Madhya Pradesh	14917	14917	14595	14605	14605	14605	-0.42
15	Maharashtra	19933	19933	20218	20302	20312	20383	0
16	Manipur	168	168	168	168	168	168	0.00
17	Meghalaya	107	150	41	41	41	41	-17.46
18	Mizoram	10	10	311	311	311	311	99
19	Nagaland	96	95	93	93	93	95	0
20	Orissa	16916	17176	18140	18143	18144	18149	1.42
21	Punjab	8153	8153	8042	8044	8049	8085	0
22	Rajasthan	11885	12424	12250	12289	12449	12564	1.12
23	Sikkim	36	36	29	29	29	29	-4.23
24	Tamil Nadu	13895	14821	16067	16602	17259	17559	4.79
25	Tripura	226	226	224	224	224	226	0
26	Uttar Pradesh	50721	50721	42819	44050	48168	47448	-1
27	Uttarakhand	3035	3155	3053	3061	3167	3202	1.08
28	West Bengal	26803	27395	26926	26838	26841	26850	0.04
Union Territories								
1	A & N Island	9	9	45	48	50	48	39.77
2	Chandigarh	1613	1613	1613	1613	1613	1613	0
3	D & N Haveli	-	-	-	-	-	-	-
4	Daman & Diu	27	27	29	29	29	30	2.13
5	Delhi	29380	29380	29026	29030	29037	29087	-0.20
6	Lakshadweep	1	1	1	1	1	1	0
7	Puducherry	709	739	738	738	741	741	0.89
India Total		297259	301310	286707	291991	300580	304327	0.47

Note Urban and rural road length totals do not add up to all India total road length due to non-availability of State wise data for urban roads for some states; State wise rural road length has been obtained by subtracting urban road length from total road length. Hence those states for which urban road data is not available rural road length could not be calculated. Accordingly rural and urban all India totals refer only to states for which data is available.

Source: 1. Material supplied by TRW, M/o Road Transport & Highways
2. Basic Road Statistics published by TRW, M/o Road Transport & Highways

Table 1A.4 : Statewise Length of Rural Roads in India*

Sl. No.	States/UTs	as on 31st March						(in km)
		2003	2004	2005	2006	2007	2008	CAGR (%)
1	Andhra Pradesh	188374	192604	315672	323222	325231	331213	11.95
2	Arunachal Pradesh	15626	15677	17737	17202	17416	16480	1.07
3	Assam	156110	188710	203140	210133	217725	224587	7.55
4	Bihar	69169	63923	110168	110273	110273	110273	9.78
5	Chhattisgarh	67588	68285	66018	67572	67344	67881	0.09
6	Goa	9149	9149	9204	9227	9330	9376	0.49
7	Gujarat	127110	127718	127061	127497	127231	127324	0.03
8	Haryana	23614	23776	23885	24038	24380	24702	0.90
9	Himachal Pradesh	30211	30537	21488	21595	32905	34130	2.47
10	Jammu & Kashmir	19097	19920	20200	20560	20561	20561	1.49
11	Jharkhand			17725	17742	17758	17218	-0.96
12	Karnataka	173865	173925	191315	193455	231492	231384	5.88
13	Kerala	123992	127897	157973	175110	184808	191468	9.08
14	Madhya Pradesh	149886	150423	149325	150196	150802	151135	0.17
15	Maharashtra	251436	252751	200719	200145	202830	202939	-4.20
16	Manipur	12426	12431	16334	16334	16334	16334	5.62
17	Meghalaya	9457	9551	9621	9650	9711	9798	0.71
18	Mizoram	4903	4888	5115	5663	5833	5847	3.58
19	Nagaland	20427	20552	26148	21992	21854	22209	1.69
20	Orissa	196133	196644	197001	197071	197156	197255	0.11
21	Punjab	31870	37614	38448	37121	37086	37093	3.08
22	Rajasthan	128275	132474	137503	140146	147453	158915	4.38
23	Sikkim	1987	2027	2047	2089	1844	1844	-1.48
24	Tamil Nadu	153555	156002	160142	162746	163564	163654	1.28
25	Tripura	22069	23630	31492	31507	31507	31507	7.38
26	Uttar Pradesh	209207	193721	213864	219505	224194	237225	2.55
27	Uttarakhand	31681	54899	32606	33000	36000	37839	3.62
28	West Bengal	61697	62304	168753	172214	181574	184920	24.55
Union Territories								
1	A & N Island	1172	1472	1253	1253	1253	1253	1.35
2	Chandigarh	24	24	505	505	505	505	83.91
3	D & N Haveli	-	-	-	-	-	-	-
4	Daman & Diu	213	291	194	194	194	194	-1.85
5	Delhi	422	432	432	432	442	472	2.26
6	Lakshadweep	153	159	159	161	165	167	1.77
7	Puducherry	1850	1861	1875	1886	1955	1955	1.11
UT Total		4393	4871	5050	5063	5146	5178	3.34
India Total		2304698	2368686	2675756	2722072	2819344	2870293	4.49

Note 1. Urban and rural road length totals do not add up to all India total road length due to non-availability of State wise data for urban roads for some states; State wise rural road length has been obtained by subtracting urban road length from total road length. Hence those states for which urban road data is not available rural road length could not be calculated. Accordingly rural and urban all India totals refer only to states for which data is available.

* Excludes Roads Constructed under JRY and PMGSY

Source: 1. Material supplied by TRW, M/o Road Transport & Highways

2. Basic Road Statistics published by TRW, M/o Road Transport & Highways

Table 1A.5 : Statewise Road Density Per 1000 km² *

Sl.No.	States/UTs	(in km)						
		2003	2004	2005	2006	2007	2008	CAGR (%) (2003-08)
1	Andhra Pradesh	734.04	749.42	1197.65	1225.19	1232.53	1254.38	11.31
2	Arunachal Pradesh	187.01	187.62	211.97	205.58	208.14	196.96	1.04
3	Assam	2044.67	2460.29	2661.82	2751.46	2848.75	2936.51	7.51
4	Bihar	836.32	784.11	1273.94	1275.73	1275.73	1275.73	8.81
5	Chhattisgarh	537.97	547.32	534.96	546.57	545.19	550.58	0.46
6	Goa	2763.64	2766.07	2790.65	2814.69	2842.52	2854.94	0.65
7	Gujarat	728.25	732.87	731.64	738.57	742.92	748.02	0.54
8	Haryana	644.87	648.53	648.17	657.17	664.91	672.35	0.84
9	Himachal Pradesh	575.49	585.24	421.25	424.16	627.84	651.99	2.53
10	Jammu & Kashmir	91.22	94.92	98.14	99.19	99.25	100.45	1.95
11	Jharkhand	142.90	147.82	226.28	226.50	226.70	219.92	9.01
12	Karnataka	1041.29	1043.39	1097.11	1116.90	1323.84	1331.94	5.05
13	Kerala	3591.85	3686.69	4361.89	4815.56	5080.77	5268.69	7.96
14	Madhya Pradesh	534.65	536.39	531.78	534.64	536.61	537.69	0.11
15	Maharashtra	881.89	886.16	718.00	716.40	725.16	725.75	-3.82
16	Manipur	564.07	564.29	739.11	739.11	739.11	739.11	5.55
17	Meghalaya	426.41	432.52	430.78	432.07	434.79	438.67	0.57
18	Mizoram	233.05	232.34	257.39	283.38	291.45	292.11	4.62
19	Nagaland	1237.89	1245.37	1582.79	1332.11	1323.78	1345.32	1.68
20	Orissa	1368.27	1373.22	1381.70	1382.17	1382.73	1383.39	0.22
21	Punjab	794.71	908.76	923.12	896.81	896.21	897.07	2.45
22	Rajasthan	409.54	423.38	437.57	445.41	467.22	501.05	4.12
23	Sikkim	285.09	290.73	292.56	298.48	263.95	263.95	-1.53
24	Tamil Nadu	1287.50	1313.44	1354.85	1378.98	1390.33	1393.32	1.59
25	Tripura	2126.17	2275.03	3024.60	3026.03	3026.03	3026.23	7.32
26	Uttar Pradesh	1078.86	1014.59	1065.39	1093.92	1130.47	1181.57	1.84
27	Uttarakhand	649.10	1085.47	666.74	674.25	732.33	767.37	3.40
28	West Bengal	997.16	1010.67	2204.78	2242.79	2348.29	2386.09	19.07
	All States	783.15	803.76	893.07	908.82	941.10	957.77	4.11
	Union Territories							
1	A & N Island	143.17	179.54	157.35	157.72	157.96	157.72	1.95
2	Chandigarh	14359.65	14359.65	18578.95	18578.95	18578.95	18578.95	5.29
3	D & N Haveli	1138.49	1287.17	1287.17	1287.17	1287.17	1287.17	2.49
4	Daman & Diu	2142.86	2839.29	1991.07	1991.07	1991.07	2000.00	-1.37
5	Delhi	20095.75	20102.49	19863.79	19866.49	19877.95	19931.89	-0.16
6	Lakshadweep	4812.50	5000.00	5000.00	5062.50	5187.50	5250.00	1.76
7	Puducherry	5342.38	5427.97	5455.11	5478.08	5628.39	5628.39	1.05
	All UTs	3296.72	3343.07	3330.47	3332.30	3340.97	3348.36	0.31
	All India	791.53	812.22	901.19	916.89	949.09	965.73	4.06

* Excludes Roads Constructed under JRY and PMGSY

Table 1A.6 : Statewise Road Density Per 1000 Population *

Sl.No.	States/UTs	2003	2004	2005	2006	2007	2008	(in km)
								CAGR (%) (2003-08)
1	Andhra Pradesh	2.59	2.61	4.13	4.18	4.16	4.19	10.12
2	Arunachal Pradesh	13.90	13.77	15.37	14.73	14.72	13.77	-0.19
3	Assam	5.84	6.92	7.38	7.53	7.69	7.83	6.04
4	Bihar	0.91	0.85	1.34	1.32	1.30	1.28	7.20
5	Chhattisgarh	3.37	3.38	3.25	3.27	3.21	3.20	-1.06
6	Goa	7.44	7.27	7.12	6.98	6.83	6.62	-2.29
7	Gujarat	2.72	2.70	2.65	2.63	2.61	2.59	-1.00
8	Haryana	1.30	1.28	1.25	1.25	1.24	1.23	-1.03
9	Himachal Pradesh	5.14	5.16	3.67	3.66	5.36	5.50	1.38
10	Jammu & Kashmir	1.94	1.99	2.02	2.01	1.99	1.98	0.46
11	Jharkhand	0.41	0.42	0.63	0.62	0.61	0.58	7.32
12	Karnataka	3.68	3.64	3.78	3.81	4.46	4.44	3.81
13	Kerala	4.31	4.38	5.14	5.63	5.89	6.06	7.07
14	Madhya Pradesh	2.62	2.58	2.51	2.48	2.45	2.41	-1.68
15	Maharashtra	2.71	2.68	2.14	2.10	2.10	2.07	-5.28
16	Manipur	5.67	5.60	7.24	7.15	7.06	6.98	4.26
17	Meghalaya	4.02	4.03	3.96	3.92	3.90	3.89	-0.66
18	Mizoram	5.39	5.31	5.80	6.32	6.41	6.35	3.34
19	Nagaland	10.05	9.98	12.53	10.42	10.23	10.27	0.44
20	Orissa	5.66	5.61	5.59	5.53	5.48	5.43	-0.80
21	Punjab	1.60	1.80	1.81	1.73	1.71	1.69	1.13
22	Rajasthan	2.38	2.42	2.45	2.45	2.52	2.66	2.20
23	Sikkim	3.65	3.67	3.65	3.68	3.21	3.17	-2.76
24	Tamil Nadu	2.63	2.67	2.73	2.75	2.76	2.74	0.79
25	Tripura	6.79	7.18	9.42	9.31	9.20	9.09	6.00
26	Uttar Pradesh	1.50	1.39	1.43	1.44	1.46	1.50	-0.09
27	Uttarakhand	3.95	6.50	3.93	3.91	4.18	4.32	1.76
28	West Bengal	1.08	1.08	2.32	2.34	2.42	2.43	17.76
All States		2.45	2.48	2.72	2.72	2.78	2.79	2.61
Union Territories								
1	A & N Island	3.12	3.79	3.20	3.11	3.00	2.90	-1.50
2	Chandigarh	1.71	1.64	2.02	1.92	1.82	1.73	0.18
3	D & N Haveli	2.44	2.63	2.51	2.38	2.25	2.11	-2.84
4	Daman & Diu	1.32	1.64	1.09	1.03	0.98	0.94	-6.52
5	Delhi	2.03	1.97	1.89	1.84	1.79	1.74	-2.98
6	Lakshadweep	2.30	2.32	2.29	2.25	2.27	2.27	-0.25
7	Puducherry	2.58	2.55	2.47	2.39	2.35	2.24	-2.83
All UTs		2.06	2.03	1.96	1.90	1.85	1.79	-2.76
All India		2.45	2.47	2.70	2.71	2.76	2.77	2.52

* Excludes Roads Constructed under JRY and PMGSY

Table 1A.7 : Statewise Urban Road Density Per 1000 km² *

Sl.No.	States/UTs	2003	2004	2005	2006	2007	2008	(in km)
								CAGR (%) (2003-08)
1	Andhra Pradesh	2848.03	2848.03	2893.10	2898.37	2900.68	2906.58	0.41
2	Arunachal Pradesh	-	-	-	-	-	-	
3	Assam	4439.73	4439.73	5872.51	5912.02	5952.57	5975.44	6.12
4	Bihar	5309.21	5492.08	5425.02	5460.49	5460.49	5460.49	0.56
5	Chhattisgarh	2755.46	3059.36	3378.80	3387.38	3409.35	3512.26	4.97
6	Goa	2114.64	2132.23	2202.59	2331.58	2331.58	2331.58	1.97
7	Gujarat	2992.83	3049.64	3129.22	3305.60	3519.85	3693.16	4.29
8	Haryana	3824.68	3824.68	3727.05	3918.40	3918.40	3923.87	0.51
9	Himachal Pradesh	7562.78	8460.55	8125.44	8352.98	8477.10	8969.43	3.47
10	Jammu & Kashmir	1219.75	1219.75	1672.36	1539.48	1554.02	1829.11	8.44
11	Jharkhand			174.62	174.62	174.62	174.62	
12	Karnataka	4969.45	5035.01	3672.38	3990.79	4308.61	4627.97	-1.41
13	Kerala	4796.64	4729.29	3549.66	3701.57	3888.85	4086.58	-3.15
14	Madhya Pradesh	2142.71	2142.71	2096.45	2097.89	2097.89	2097.89	-0.42
15	Maharashtra	2709.83	2709.83	2748.58	2760.00	2761.36	2771.01	0.45
16	Manipur	1118.58	1118.58	1118.58	1118.58	1118.58	1118.58	0.00
17	Meghalaya	465.78	652.97	178.48	178.48	178.48	178.48	-17.46
18	Mizoram	17.04	17.04	529.88	529.88	529.88	529.88	98.86
19	Nagaland	652.00	645.21	631.62	631.62	631.62	645.21	-0.21
20	Orissa	6054.12	6147.17	6492.18	6493.26	6493.61	6495.40	1.42
21	Punjab	3888.64	3888.64	3835.70	3836.65	3839.04	3856.21	-0.17
22	Rajasthan	2188.29	2287.53	2255.49	2262.67	2292.13	2313.31	1.12
23	Sikkim	-	-	-	-	-	-	
24	Tamil Nadu	1109.36	1183.29	1282.77	1325.48	1377.94	1401.89	4.79
25	Tripura	1609.69	1609.69	1595.44	1595.44	1595.44	1609.69	0.00
26	Uttar Pradesh	7733.99	7733.99	6529.09	6716.79	7344.71	7234.92	-1.33
27	Uttarakhand	3809.13	3959.74	3831.72	3841.76	3974.80	4018.73	1.08
28	West Bengal	8061.68	8239.74	8098.68	8072.21	8073.11	8075.82	0.04
Union Territories								
1	A & N Island	341.69	341.69	1708.43	1822.32	1898.25	1822.32	39.77
2	Chandigarh	20330.22	20330.22	20330.22	20330.22	20330.22	20330.22	0.00
3	D & N Haveli	-	-	-	-	-	-	
4	Daman & Diu	1155.82	1155.82	1241.44	1241.44	1241.44	1284.25	2.13
5	Delhi	31773.15	31773.15	31390.32	31394.64	31402.21	31456.29	-0.20
6	Lakshadweep	94.43	94.43	94.43	94.43	94.43	94.43	0.00
7	Puducherry	5314.44	5539.31	5531.82	5531.82	5554.31	5554.31	0.89
All India		3803.05	3854.88	3668.05	3735.66	3845.54	3893.48	0.47

* Excludes Roads Constructed under JRY and PMGSY

Table 1A.8 : Statewise Urban Road Density Per 1000 Population

Sl. No.	States/UTs	(in km)							CAGR (%) (2003-08)
		2003	2004	2005	2006	2007	2008		
1	Andhra Pradesh	0.63	0.62	0.63	0.62	0.61	0.61	-0.81	
2	Arunachal Pradesh	0.14	0.13	0.05	0.05	0.04	0.04	-21.25	
3	Assam	1.17	1.14	1.46	1.43	1.40	1.36	3.14	
4	Bihar	1.06	1.08	1.05	1.04	1.02	1.00	-1.14	
5	Chhattisgarh	1.15	1.24	1.33	1.30	1.27	1.27	1.95	
6	Goa	1.53	1.48	1.46	1.48	1.41	1.34	-2.68	
7	Gujarat	0.79	0.78	0.78	0.81	0.84	0.86	1.92	
8	Haryana	0.75	0.72	0.68	0.69	0.67	0.65	-2.83	
9	Himachal Pradesh	2.92	3.19	2.99	3.00	2.98	3.08	1.10	
10	Jammu & Kashmir	0.45	0.44	0.58	0.53	0.52	0.60	6.04	
11	Jharkhand			0.05	0.05	0.05	0.05	0.00	
12	Karnataka	1.38	1.36	0.97	1.04	1.10	1.15	-3.45	
13	Kerala	1.86	1.82	1.36	1.41	1.47	1.53	-3.80	
14	Madhya Pradesh	0.89	0.87	0.83	0.81	0.80	0.78	-2.65	
15	Maharashtra	0.46	0.45	0.45	0.44	0.43	0.42	-1.93	
16	Manipur	0.29	0.28	0.28	0.28	0.28	0.27	-0.86	
17	Meghalaya	0.23	0.31	0.08	0.08	0.08	0.08	-18.89	
18	Mizoram	0.02	0.02	0.65	0.64	0.63	0.62	95.10	
19	Nagaland	0.27	0.27	0.26	0.25	0.25	0.25	-1.46	
20	Orissa	2.93	2.91	3.01	2.94	2.88	2.82	-0.74	
21	Punjab	0.93	0.91	0.87	0.85	0.83	0.81	-2.72	
22	Rajasthan	0.86	0.88	0.85	0.83	0.83	0.82	-0.96	
23	Sikkim	0.57	0.55	0.43	0.41	0.40	0.39	-7.51	
24	Tamil Nadu	0.47	0.49	0.52	0.52	0.52	0.52	1.77	
25	Tripura	0.40	0.39	0.37	0.37	0.36	0.35	-2.28	
26	Uttar Pradesh	1.40	1.36	1.12	1.13	1.20	1.16	-3.72	
27	Uttarakhand	1.32	1.34	1.26	1.23	1.24	1.22	-1.51	
28	West Bengal	1.16	1.17	1.13	1.12	1.10	1.09	-1.24	
All States		0.93	0.93	0.86	0.86	0.87	0.86	-1.64	
Union Territories									
1	Andaman & Nicobar	0.07	0.07	0.32	0.32	0.32	0.29	32.53	
2	Chandigarh	1.88	1.80	1.71	1.63	1.55	1.46	-4.86	
3	Dadar & Nagar Haveli								
4	Daman & Diu	0.43	0.42	0.44	0.43	0.42	0.43	0.00	
5	Delhi	2.13	2.07	1.98	1.92	1.86	1.81	-3.25	
6	Lakshadweep	0.04	0.04	0.04	0.04	0.04	0.04	0.73	
7	Puducherry	1.07	1.08	1.03	0.99	0.95	0.90	-3.33	
All UTs		2.04	1.97	1.89	1.83	1.77	1.71	-3.40	
All India		0.99	0.98	0.91	0.91	0.91	0.91	-1.77	

Table 1A.9 : Statewise Rural Road Density Per 1000 km²*

Sl. No.	States/UTs	2003	2004	2005	2006	2007	2008	(in km)
								CAGR (%) (2003-08)
1	Andhra Pradesh	696.91	712.56	1167.87	1195.80	1203.23	1225.36	11.95
2	Arunachal Pradesh	-	-	-	-	-	-	-
3	Assam	2014.94	2435.71	2621.97	2712.23	2810.22	2898.79	7.55
4	Bihar	748.92	692.12	1192.83	1193.97	1193.97	1193.97	9.78
5	Chhattisgarh	506.94	512.17	495.17	506.82	505.11	509.14	0.09
6	Goa	2867.73	2867.73	2884.97	2892.18	2924.46	2938.88	0.49
7	Gujarat	666.21	669.39	665.95	668.24	666.84	667.33	0.03
8	Haryana	550.04	553.81	556.35	559.91	567.88	575.38	0.90
9	Himachal Pradesh	545.02	550.90	387.65	389.58	593.62	615.72	2.47
10	Jammu & Kashmir	86.31	90.02	91.29	92.92	92.92	92.92	1.49
11	Jharkhand	-	-	227.47	227.69	227.90	220.97	
12	Karnataka	931.80	932.12	1025.32	1036.79	1240.65	1240.07	5.88
13	Kerala	3481.83	3591.49	4436.06	4917.28	5189.61	5376.63	9.08
14	Madhya Pradesh	497.49	499.27	495.63	498.52	500.53	501.64	0.17
15	Maharashtra	837.12	841.50	668.27	666.36	675.30	675.66	-4.20
16	Manipur	560.32	560.54	736.54	736.54	736.54	736.54	5.62
17	Meghalaya	426.00	430.24	433.39	434.70	437.45	441.37	0.71
18	Mizoram	239.24	238.51	249.58	276.32	284.62	285.30	3.58
19	Nagaland	1243.14	1250.75	1591.31	1338.38	1329.99	1351.59	1.69
20	Orissa	1282.65	1285.99	1288.32	1288.78	1289.34	1289.98	0.11
21	Punjab	660.31	779.32	796.60	769.10	768.38	768.52	3.08
22	Rajasthan	380.86	393.32	408.25	416.10	437.80	471.83	4.38
23	Sikkim	-	-	-	-	-	-	
24	Tamil Nadu	1306.49	1327.31	1362.53	1384.69	1391.65	1392.41	1.28
25	Tripura	2133.18	2284.06	3044.00	3045.45	3045.45	3045.45	7.38
26	Uttar Pradesh	892.64	826.56	912.51	936.58	956.58	1012.18	2.55
27	Uttarakhand	601.31	1042.00	618.87	626.35	683.29	718.20	3.62
28	West Bengal	722.22	729.32	1975.40	2015.91	2125.48	2164.65	24.55
Union Territories								
1	Andaman & Nicobar	142.53	179.02	152.38	152.38	152.38	152.38	1.35
2	Chandigarh	692.44	692.44	14570.11	14570.11	14570.11	14570.11	83.91
3	Dadar & Nagar Haveli	0.00	0.00	0.00	0.00	0.00	0.00	
4	Daman & Diu	2402.98	3282.94	2188.63	2188.63	2188.63	2188.63	-1.85
5	Delhi	755.84	773.75	773.75	773.75	791.66	845.39	2.26
6	Lakshadweep	7146.19	7426.44	7426.44	7519.85	7706.68	7800.09	1.77
7	Puducherry	5353.16	5384.99	5425.50	5457.33	5656.99	5656.99	1.11
All India		739.10	759.62	858.10	872.95	904.15	920.49	4.49

* Excludes Roads Constructed under JRY and PMGSY

Table 1A.10 : Statewise Rural Road Density Per 1000 Population*

Sl. No	States/UTs	(in km)						
		2003	2004	2005	2006	2007	2008	CAGR (%) (2003-08)
1	Andhra Pradesh	3.32	3.36	5.45	5.52	5.50	5.55	1.33
2	Arunachal Pradesh	17.94	18.02	20.43	19.86	20.18	19.16	6.33
3	Assam	6.55	7.82	8.32	8.51	8.72	8.90	6.33
4	Bihar	0.90	0.81	1.38	1.36	1.34	1.32	7.98
5	Chhattisgarh	3.95	3.94	3.77	3.81	3.76	3.75	-1.06
6	Goa	13.68	13.63	13.58	13.49	13.48	13.34	-0.50
7	Gujarat	3.91	3.88	3.82	3.79	3.75	3.71	-1.02
8	Haryana	1.53	1.52	1.51	1.50	1.50	1.51	-0.29
9	Himachal Pradesh	5.39	5.39	3.75	3.73	5.64	5.79	1.46
10	Jammu & Kashmir	2.44	2.51	2.52	2.53	2.50	2.48	0.28
11	Jharkhand			0.79	0.78	0.77	0.74	
12	Karnataka	4.90	4.87	5.31	5.34	6.35	6.30	5.16
13	Kerala	5.16	5.27	6.45	7.09	7.42	7.62	8.11
14	Madhya Pradesh	3.26	3.21	3.13	3.10	3.07	3.02	-1.46
15	Maharashtra	4.42	4.41	3.47	3.43	3.45	3.42	-5.00
16	Manipur	7.60	7.49	9.71	9.58	9.45	9.33	4.20
17	Meghalaya	4.96	4.95	4.93	4.89	4.87	4.86	-0.39
18	Mizoram	10.82	10.74	11.17	12.31	12.63	12.57	3.04
19	Nagaland	12.09	12.00	15.09	12.54	12.31	12.37	0.46
20	Orissa	6.15	6.11	6.07	6.02	5.98	5.94	-0.70
21	Punjab	1.95	2.29	2.33	2.23	2.22	2.21	2.49
22	Rajasthan	2.85	2.89	2.94	2.95	3.05	3.23	2.53
23	Sikkim	4.04	4.09	4.09	4.13	3.62	3.57	-2.42
24	Tamil Nadu	4.48	4.60	4.78	4.92	5.01	5.08	2.55
25	Tripura	8.14	8.63	11.38	11.28	11.16	11.06	6.32
26	Uttar Pradesh	1.53	1.39	1.51	1.52	1.53	1.59	0.76
27	Uttarakhand	4.89	8.36	4.90	4.90	5.28	5.49	2.35
28	West Bengal	1.04	1.04	2.79	2.82	2.94	2.97	23.27
Union Territories								
1	Andaman & Nicobar	4.69	5.75	4.76	4.66	4.54	4.44	-1.07
2	Chandigarh	0.24	0.24	4.72	4.47	4.28	4.04	75.18
3	Dadar & Nagar Haveli							
4	Daman & Diu	1.79	2.26	1.40	1.31	1.23	1.15	-8.39
5	Delhi	0.46	0.47	0.48	0.48	0.50	0.54	3.43
6	Lakshadweep	3.92	3.88	3.79	3.66	3.67	3.55	-1.96
7	Puducherry	5.67	5.59	5.47	5.34	5.34	5.12	-2.05
All India		3.02	3.07	3.42	3.44	3.52	3.55	3.26

* Excludes Roads Constructed under JRY and PMGSY

Table 1A.11 : Statewise Total Length of National Highways in India

Sl. No.	States/UTs	as on 31st March								(in km)
		2003	2004	2005	2006	2007	2008	2009	2010	CAGR (%) (2003-08)
		1	Andhra Pradesh	4002	4472	4472	4472	4472	4472	4537	4537	26.14
2	Arunachal Pradesh	392	392	392	392	392	392	1992	1992	21.24
3	Assam	2836	2836	2836	2836	2836	2836	2836	2836	0.52
4	Bihar	3312	3537	3537	3642	3642	3642	3642	3642	0.32
5	Chhattisgarh	1810	2184	2184	2184	2184	2184	2184	2184	3.01
6	Goa	269	269	269	269	269	269	269	269	0
7	Gujarat	2461	2871	2871	3245	3245	3245	3245	3245	4.20
8	Haryana	1357	1468	1468	1512	1512	1512	1512	1518	1.18
9	Himachal Pradesh	1188	1208	1208	1208	1208	1208	1409	1409	1.91
10	Jammu & Kashmir	823	823	823	1245	1245	1245	1245	1245	5.98
11	Jharkhand	1606	1805	1805	1805	1805	1805	1805	1805	3.56
12	Karnataka	3570	3843	3843	3843	3843	3843	4396	4396	2.92
13	Kerala	1440	1440	1440	1440	1440	1457	1457	1457	1.90
14	Madhya Pradesh	4664	5200	5200	4670	4670	4670	4670	5027	-1.13
15	Maharashtra	3626	4176	4176	4176	4176	4176	4176	4191	1.58
16	Manipur	954	959	959	959	959	959	959	959	0.06
17	Meghalaya	717	810	810	810	810	810	810	810	1.36
18	Mizoram	927	927	927	927	927	927	927	927	0.88
19	Nagaland	369	494	494	494	494	494	494	494	3.29
20	Orissa	3301	3704	3704	3704	3704	3704	3704	3704	2.90
21	Punjab	1557	1557	1557	1557	1557	1557	1557	1557	1.78
22	Rajasthan	4597	5585	5585	5585	5585	5585	5585	5585	2.73
23	Sikkim	62	62	62	62	62	62	62	62	0
24	Tamil Nadu	3758	4183	4183	4462	4462	4462	4832	4832	3.07
25	Tripura	400	400	400	400	400	400	400	400	0
26	Uttar Pradesh	1075	1991	5599	5874	5874	5874	6774	6774	4.47
27	Uttarakhand	4942	5599	1991	1991	1991	1991	2042	2042	-11.86
28	West Bengal	1951	2325	2325	2377	2377	2524	2578	2578	3.14
State Total		57966	65120	65120	66141	66141	66305	70099	70477	3.40
Union Territories										
1	A & N Island	0	300	300	300	300	300	300	300	0
2	Chandigarh	24	24	24	24	24	24	24	24	0
3	D & N Haveli	0	0	0	0	0	0	0	0	-
4	Daman & Diu	0	0	0	0	0	0	0	0	-
5	Delhi	72	72	72	72	72	72	72	80	0
6	Lakshadweep	0	0	0	0	0	0	0	0	-
7	Puducherry	53	53	53	53	53	53	53	53	0
UT Total		149	449	449	449	449	449	449	457	13.04
India Total		58115	65569	65569	66590	66590	66754	70548	70934	3.45

Source: 1. Material supplied by TRW, M/o Road Transport & Highways

2. Annual Report, published by M/o Road Transport & Highways

Table 1A.12 : Total Length of State Highways in India

Sl. No.	States/Uts	(in km)						CAGR (%) (2003-08)
		2003	2004	As On 31 March		2007	2008	
				2005	2006			
1	Andhra Pradesh	8271	8349	9212	10231	10412	10518	4.92
2	Arunachal Pradesh	0	0	0	0	0	0	
3	Assam	2821	2821	2781	2821	2821	3134	2.13
4	Bihar	2382	2382	3767	3767	3767	3767	9.60
5	Chhattisgarh	3611	3213	3170	3164	3342	3419	-1.09
6	Goa	279	279	279	279	279	279	0.00
7	Gujarat	19176	19176	18863	18702	18625	18447	-0.77
8	Haryana	2461	2536	2537	2537	2494	2523	0.50
9	Himachal Pradesh	1518	1518	2164	2164	1824	1824	3.74
10	Jammu & Kashmir	67	67	67	67	67	67	0.00
11	Jharkhand	0	0	1886	1886	1886	1886	
12	Karnataka	9829	9590	17240	17405	18749	20738	16.11
13	Kerala	3523	3523	3784	3788	4737	4137	3.27
14	Madhya Pradesh	8099	8099	8098	8729	8729	8729	1.51
15	Maharashtra	33705	33237	33406	33571	33675	33675	-0.02
16	Manipur	1118	1118	1118	1118	1118	1137	0.34
17	Meghalaya	831	831	1134	1134	1134	1134	6.41
18	Mizoram	145	126	140	161	259	259	12.30
19	Nagaland	398	398	404	404	404	404	0.30
20	Orissa	4957	4957	4042	3908	3835	3806	-5.15
21	Punjab	1276	1515	1455	1431	1392	1393	1.77
22	Rajasthan	8475	8412	9777	11263	11234	11240	5.81
23	Sikkim	186	186	186	184	179	179	-0.76
24	Tamil Nadu	7220	7226	7207	6833	9256	9264	5.11
25	Tripura	689	689	689	689	689	689	0.00
26	Uttar Pradesh	1138	418	437	1543	1553	1576	6.73
27	Uttarakhand	9022	9097	8888	8551	8449	8391	-1.44
28	West Bengal	3533	3337	1462	1517	1682	1682	-13.79
State Total		134730	133100	144193	147847	152591	154297	2.75
Union Territories								
1	A & N Island	0	0	146	146	146	146	-
2	Chandigarh	0	0	0	0	0	0	-
3	D & N Haveli	42	42	42	42	42	42	-
4	Daman & Diu	0	0	0	0	0	0	-
5	Delhi	0	0	0	0	0	0	-
6	Lakshadweep	0	0	0	0	0	0	-
7	Puducherry	35	35	35	36	37	37	1.12
UT Total		77	77	223	224	225	225	23.92
India Total		134807	133177	144416	148071	152816	154522	2.77

Source: Material supplied by TRW, M/o Road Transport & Highways

Table 1A.13: Category-wise Number of Registered Motor Vehicles in India : 2001-2006

Year (As on 31st March)	All Vehicles	Two Wheelers	Cars, Jeeps & Taxis	Buses	(in thousand numbers)	
					Goods Vehicles	Others*
2001	54991	38556	7058	634 #	2948	5795
%	100	70.1	12.8	1.2	5.4	10.5
2002	58924	41581	7613	635 #	2973	6121
%	100	70.6	12.9	1.1	5.0	10.4
2003	67007	47519	8599	721 #	3492	6676
%	100	70.9	12.8	1.1	5.2	10.0
2004	72718	51922	9451	768 #	3749	6828
%	100	71.4	13.0	1.1	5.2	9.4
2005	81501	58799	10320	892 #	4031	7457
%	100	72.1	12.7	1.1	4.9	9.1
2006 (P)	89618	64743	11526	992 #	4436	7921
%	100	72.2	12.9	1.1	4.9	8.8
CAGR (%)	10.26	10.92	10.31	9.37	8.52	6.45

* : Other include tractors, trailers, three wheelers (Passenger vehicles)/LMV and other miscellaneous vehicles which are not separately classified.

: Includes omni buses.

(P) :Provisional

Source : Road Transport Year Book published by TRW, M/o Road Transport & Highways

Table 1A.14 : Statewise Total Number of Registered Motor Vehicles in India as on 31st March

(in thousand)						
Sl. No.	State/UT	2003	2004	2005	2006(P)	CAGR (%)
1	Andhra Pradesh	5002	5720	6458	7218	13.00
2	Arunachal Pradesh	21 *	21 *	22	22	1.56
3	Assam	657	727	815	914	11.63
4	Bihar	1121	751	1352	1432	8.50
5	Chhattisgarh	1076	1216	1375	1541	12.72
6	Goa	397	436	482	529	10.04
7	Gujarat	6508	7087	7817	8622	9.83
8	Haryana	2279	2548	2854	3087	10.64
9	Himachal Pradesh	269	289	301	334	7.48
10	Jammu & Kashmir	399	439	478	524	9.51
11	Jharkhand	1101	1217	1357	1505	10.98
12	Karnataka	3738	3977	5436	6220	18.50
13	Kerala	2552	2792	3122	3559	11.72
14	Madhya Pradesh	3459	3804	4188	4609	10.04
15	Maharashtra	8134	8969	9936	10966	10.47
16	Manipur	97	106	114	124	8.53
17	Meghalaya	73	73 ^	92	104	12.52
18	Mizoram	37	42	47	52	12.01
19	Nagaland	162	172	172	184	4.34
20	Orissa	1359	1525	1715	1932	12.44
21	Punjab	3308	3529	3876	4035	6.85
22	Rajasthan	3487	3834	4261	4754	10.88
23	Sikkim	15	17	20	22	13.62
24	Tamil Nadu	8005	8575	9257	10054	7.89
25	Tripura	66	76	73	106	17.11
26	Uttarakhand	457	516	573	643	12.06
27	Uttar Pradesh	5928	6460	7344	7989	10.46
28	West Bengal	2366	2548 \$	2681	2872	6.67
State Total		62073	67466	76218	83953	10.59
Union Territories						#DIV/0!
1	A & N Islands	28 +	28 +	37	41	13.56
2	Chandigarh	562	586	617	647	4.81
3	D & N Haveli	31	35	40	45	13.23
4	Daman & Diu	44	48	51	55	7.72
5	Delhi	3971	4237	4187	4487	4.16
6	Lakshadweep	5	5	5	6	6.27
7	Puducherry	293	313	347	384	9.43
UT Total		4934	5252	5283	5665	4.71
India Total		67007	72718	81502	89618	10.18

* Data relates to 1996-97.

Data relates to 1997-98.

^ Data relates to 2002-03.

Data relates to 1999-00.

+ Data relates to 2001-02.

Figures for Bihar only, excluding Jharkhand.

(P) Provisional

Note Consequent on formation of three States (Chhattisgarh, Jharkhand and Uttarakhand), separate data is available only from 2000-01.

Source : Road Transport Year Book published by TRW, M/o Road Transport & Highways

Table 1A.15 : Statewise and Categorywise No. of Registered Transport Vehicles in India as on 31 March, 2006

(in number)

Sl. No.	States	Transport					Total Transport
		Multi-axled/Articulated Vehicles/Trucks & Lorries	Light Motor vehicles (Goods)	Buses	Taxis	Light Motor vehicles (Passengers)	
1	Andhra Pradesh	181832	85112	18368	113693	299776	698781
2	Arunachal Pradesh*	2355	601	682	343	1449	5430
3	Assam	91801	19371	11378	12671	34906	170127
4	Bihar	50016	-	16271	22698	45365	134350
5	Chhattisgarh	51716	21858	24955	5036	9194	112759
6	Goa ©	34043	§	5689	9361	10035	59128
7	Gujarat	204362	253340	54446	47914	336695	896757
8	Haryana	176046	74494	19986	16344	45858	332728
9	Himachal Pradesh	31803	20623	6859	14542	2825	76652
10	Jammu & Kashmir	33174	16843	21435	13656	15919	101027
11	Jharkhand	68915	§	10238	24693	46834	150680
12	Karnataka	210432	65581	40819	67385	213721	597938
13	Kerala	264262	§	127574 §	119753	342527	854116
14	Madhya Pradesh	83293	39943	27997	72760	51049	275042
15	Maharashtra	287230	334741	66754	122389	534535	1345649
16	Manipur	6746	1854	2570	377	2721	14268
17	Meghalaya	17060	2565	3497	8432	3569	35123
18	Mizoram	4475	5	704	4988	1534	11706
19	Nagaland	47089	11804	4060	5004	9548	77505
20	Orissa	74432	47843	15996	30426	34360	203057
21	Punjab	68154	59566	21136	9937	43280	202073
22	Rajasthan	206381	22966	60979	42679	79576	412581
23	Sikkim	1915	489	365	6052	-	8821
24	Tamil Nadu	315564	231491	89991	134580	174646	946272
25	Tripura	8138	2535	1961	1316	13237	27187
26	Uttar Pradesh	106760	77668	26549	28443	91346	330766
27	Uttarakhand	12092	8336	5949	16069	7906	50352
28	West Bengal	235269	§	43599	68926	40315	388109
Total(p)		2875355	1399629	730807	1020467	2492726	8518984
Union Territories							
1	A & N Island	1716	76	658	246	2997	5693
2	Chandigarh	1766	8039	2307	1771	2000	15883
3	D & N Haveli	6072	1750	176	123	539	8660
4	Daman & Diu	2223	2316	420	43	976	5978
5	Delhi	57682	67144	25963	15569	96149	262507
6	Lakshadweep	-	347	13	-	273	633
7	Puducherry	6965	4903	1997	1626	4665	20156
UT Total(p)		76424	84575	31534	19378	107599	319510
India Total(p)		2951779	1484204	762341	1039845	2600325	8838494

*: Totals have been arrived at by adding the data relating to 1996-97 to the data on newly registered vehicles.

§: Included in Multi-axled/Articulated Vehicles/Trucks & Lorries.

©:LMV(passengers) includes 6538 Motorcycles on hire also.

(p): Totals are provisional - representing summation of available data.

§: Includes Omni Buses.

Source: Material supplied by TRW,M/o Road Transport & Highways

Table 1A.16 : Statewise and Categorywise No. of Registered Non-Transport Vehicles in India as on 31 March, 2006

(in number)

Sl. No.	States	Non-Transport							Total (Non-Transport)	Grand Total (Transport + Non-Transport)
		Two Wheelers	Cars	Jeeps	Omni Buses	Tractors	Trailers	Others		
1	Andhra Pradesh	5707383	576329	65377	45214	66613	51881	6617	6519414	7218195
2	Arunachal Pradesh*	11112	2595	2284	0	345	155	180	16671	22101
3	Assam	541275	145029	15080	0	11270	9050	22192	743896	914023
4	Bihar	964594	76896	41863	0	130477	75594	8569	1297993	1432343
5	Chhattisgarh	1247658	59591	8575	0	58733	50684	2849	1428090	1540849
6	Goa ©	375571	89547	£	0	0	0	4773	469891	529019
7	Gujarat	6352109	703968	122864	0	311385	217790	17417	7725533	8622290
8	Haryana	1881174	373659	95450	0	382581	0	21434	2754298	3087026
9	Himachal Pradesh	187883	58005	9544	402	0	0	1042	256876	333528
10	Jammu & Kashmir	297656	98309	11058	219	12818	587	1869	422516	523543
11	Jharkhand	1164854	113500	30962	0	20968	16819	7268	1354371	1505051
12	Karnataka	4512910	635205	41989	54808	166685	167622	43213	5622432	6220370
13	Kerala	2099652	498472	73158	0	15162	2264	15880	2704588	3558704
14	Madhya Pradesh	3526416	185700	38291	0	376771	192742	13665	4333585	4608627
15	Maharashtra	7691856	1165365	300023	0	229362	204733	29446	9620785	10966434
16	Manipur	86931	11233	8568	801	1446	612	270	109861	124129
17	Meghalaya	31008	22351	11300	0	487	2607	1240	68993	104116
18	Mizoram	24737	6286	3712	0	246	264	4925	40170	51876
19	Nagaland	42851	37513	22481	350	1891	772	353	106211	183716
20	Orissa	1530295	82686	30547	2567	42189	34679	5975	1728938	1931995
21	Punjab	2975198	335284	41670	0	472873	481	7581	3833087	4035160
22	Rajasthan	3393916	269861	147840	0	464443	59564	5822	4341446	4754027
23	Sikkim	5282	3053	3769	1070	24	0	0	13198	22019
24	Tamil Nadu	7936778	840433	55673	19957	102744	44015	108041	9107641	10053913
25	Tripura	61968	6656	4358	13	89	100	5397	78581	105768
26	Uttar Pradesh	6083655	615739	112837	19015	791411	14579	21132	7658368	7989134
27	Uttarakhand	486734	59368	6944	1629	34155	1401	2802	593033	643385
28	West Bengal	1833820	556230	£	0	58828	#	34812	2483690	2871799
Total(p)		61055276	7628863	1306217	146045	3753996	1148995	394764	75434156	83953140
Union Territories										
1	A & N Island	23079	2441	779	335	229	22	8237	35122	40815
2	Chandigarh	454308	176387	0	51	0	0	0	630746	646629
3	D & N Haveli	23607	11820	460	6	57	46	0	35996	44656
4	Daman & Diu	33379	15007	307	38	224	138	31	49124	55102
5	Delhi	2851920	1222706	65028	80277	4706	99	169	4224905	4487412
6	Lakshadweep	4822	38	88	73	63	0	546	5630	6263
7	Puducherry	296735	52593	3865	2918	478	1655	5850	364094	384250
UT Total(p)		3687850	1480992	70527	83698	5757	1960	14833	5345617	5665127
India Total(p)		64743126	9109855	1376744	229743	3759753	1150955	409597	80779773	89618267

*: Totals have been arrived at by adding the data relating to 1996-97 to the data on newly registered vehicles.

\$: Included in Multi-axled/Articulated Vehicles/Trucks & Lorries.

§: Includes Omni Buses.

©:LMV(passengers) includes 6538 Motorcycles on hire also.

: Included in tractors

(p): Totals are provisional - representing summation of available data.

£ : Included in cars

Source: Material supplied by TRW, M/o Road Transport & Highways

Table 1A.17 : Statewise Average Number of Registered Motor Vehicles per 1000 km Road Length

Sl. No.	State/UT	2003	2004	2005	2006	CAGR (%)
1	Andhra Pradesh	24775.3	27750.2	19604.9	21419.5	-4.74
2	Arunachal Pradesh	1340.9	1336.6	1239.4	1277.9	-1.59
3	Assam	4096.5	3767.2	3903.5	4235.0	1.11
4	Bihar	14234.9	10171.5	11270.6	11920.7	-5.74
5	Chhattisgarh	14794.6	16434.0	19012.2	20854.8	12.12
6	Goa	38803.6	42578.1	46655.7	50767.8	9.37
7	Gujarat	45588.6	49331.8	54504.6	59553.7	9.32
8	Haryana	79934.1	88864.1	99591.7	106246.8	9.95
9	Himachal Pradesh	8396.0	8869.9	12834.7	14144.2	18.99
10	Jammu & Kashmir	19682.3	20810.6	21915.5	23771.7	6.49
11	Jharkhand	96655.3	103284.4	75230.1	83356.4	-4.81
12	Karnataka	18717.0	19873.9	25834.7	29036.8	15.76
13	Kerala	18282.1	19486.9	18417.1	19017.1	1.32
14	Madhya Pradesh	20988.7	23007.1	25549.0	27967.1	10.04
15	Maharashtra	29973.9	32891.6	44972.1	49744.4	18.40
16	Manipur	7702.1	8413.4	6908.3	7514.2	-0.82
17	Meghalaya	7632.8	7525.0	9521.8	10731.6	12.03
18	Mizoram	7531.0	8574.9	8662.0	8704.4	4.94
19	Nagaland	7893.6	8330.5	6554.6	8331.4	1.82
20	Orissa	6378.8	7132.2	7971.5	8977.1	12.06
21	Punjab	82652.5	77108.0	83372.8	89339.1	2.63
22	Rajasthan	24878.7	26460.0	28453.5	31187.1	7.82
23	Sikkim	7414.7	8240.4	9633.9	10387.2	11.89
24	Tamil Nadu	47805.3	50198.2	52534.2	56058.6	5.45
25	Tripura	2960.3	3185.8	2301.7	3340.6	4.11
26	Uttarakhand	1758.2	2110.9	2232.3	2439.7	11.54
27	Uttar Pradesh	170757.0	111275.7	205950.8	221541.3	9.07
28	West Bengal	26734.5	28406.1	13701.0	14428.4	-18.58
	All States	24192.2	25619.8	26048.9	28195.5	5.24
	Union Territories					
1	A & N Islands	23708.7	18906.1	28505.4	31514.2	9.95
2	Chandigarh	343310.9	357971.9	291312.6	305476.9	-3.82
3	D & N Haveli	55456.2	55379.7	63291.1	71202.5	8.69
4	Daman & Diu	183333.3	150943.4	228699.6	246636.8	10.39
5	Delhi	133246.1	142124.0	142134.6	152297.9	4.56
6	Lakshadweep	32467.5	31250.0	31250.0	37037.0	4.49
7	Puducherry	114497.9	120384.6	132797.6	146341.5	8.52
	All UTs	136554.9	143340.6	144731.8	155112.0	4.34
	All India	25752.5	27235.2	27511.6	29733.3	4.91

Table 1A.18 : Statewise Average Number of Registered Motor Vehicles per 1000 Population

Sl.No.	State/UT	2003	2004	2005	2006	CAGR (%)
1	Andhra Pradesh	64.1	72.4	80.9	89.4	11.76
2	Arunachal Pradesh	18.6	18.4	19.0	18.8	0.33
3	Assam	23.9	26.1	28.8	31.9	10.07
4	Bihar	12.9	8.6	15.1	15.8	6.95
5	Chhattisgarh	49.9	55.5	61.8	68.2	10.96
6	Goa	288.5	309.4	332.4	354.6	7.11
7	Gujarat	124.1	133.0	144.4	156.8	8.10
8	Haryana	103.5	113.5	124.7	132.4	8.55
9	Himachal Pradesh	43.2	45.8	47.2	51.7	6.24
10	Jammu & Kashmir	38.1	41.3	44.3	47.9	7.88
11	Jharkhand	39.4	42.9	47.0	51.4	9.21
12	Karnataka	68.9	72.4	97.8	110.6	17.07
13	Kerala	78.7	85.4	94.6	107.0	10.77
14	Madhya Pradesh	55.1	59.4	64.2	69.4	8.02
15	Maharashtra	81.3	88.3	96.3	104.6	8.77
16	Manipur	43.6	47.1	50.0	53.7	7.18
17	Meghalaya	30.7	30.3	37.7	42.1	11.12
18	Mizoram	40.6	45.5	50.3	55.0	10.65
19	Nagaland	79.3	83.2	82.1	86.8	3.06
20	Orissa	36.1	40.0	44.6	49.7	11.26
21	Punjab	132.1	139.0	150.7	154.8	5.44
22	Rajasthan	59.3	63.9	69.7	76.3	8.80
23	Sikkim	27.0	30.2	35.1	38.2	12.22
24	Tamil Nadu	126.0	133.8	143.2	154.4	7.01
25	Tripura	20.1	22.9	21.7	31.1	15.67
26	Uttarakhand	2.6	2.9	3.2	3.5	9.91
27	Uttar Pradesh	675.2	723.6	809.4	866.6	8.68
28	West Bengal	28.7	30.6	31.8	33.7	5.45
All States		59.4	63.6	70.8	76.8	8.97
Union Territories						
1	A & N Islands	74.1	71.6	91.4	97.9	9.72
2	Chandigarh	587.3	586.0	587.6	586.6	-0.04
3	D & N Haveli	135.4	145.8	158.7	169.2	7.71
4	Daman & Diu	241.8	247.4	248.8	254.6	1.74
5	Delhi	270.2	280.1	268.9	280.1	1.21
6	Lakshadweep	74.6	72.5	71.4	83.3	3.75
7	Puducherry	296.0	307.2	328.3	349.7	5.72
All UTs		281.9	291.1	283.9	295.1	1.54
All India		63.1	67.4	74.4	80.6	8.51

Table 1B.1 : Surfaced Road Length by Categories in India

(in km)

Sl. No.	Category	as on 31st March					
		2003	2004	2005	2006	2007	2008
A	Highways	1207578	1238306	1334875	1370932	1417409	1458341
I	PWD Roads	765810	794486	851961	877567	907238	938875
i	National Highways	58006	65358	65358	66590	66590	66754
ii	State Highways	132937	131262	142898	146325	150713	152738
iii	Other PWD Roads	574867	597866	643705	664652	689935	719383
II	Panchayat Raj Roads	441768	443820	482914	493365	510171	519466
i	Zila Parishad Roads	308969	303091	263311	265737	274582	278962
ii	Village Panchayat Roads	88712	94326	119580	125756	132265	135331
iii	CD/Panchayat Samiti Roads	44087	46403	100023	101872	103324	105173
B	Rural Road constructed under-	209899	234713	250178	273069	303823	345011
	PMGSY	26697	51511	66976	89867	120621	161809
	JRY	183202	183202	183202	183202	183202	183202
C	Urban Roads	214951	218361	195277	200210	207052	212750
i	Municipal Roads	191777	194997	172287	176517	183047	188047
ii	MES Roads	13056	13113	12507	13126	13351	13952
iii	Railway Roads	9116	9249	9428	9488	9566	9659
iv	Port Roads	1002	1002	1055	1079	1088	1092
D	Project Roads	68830	69388	66299	66581	69039	74180
i	Forest Department	21702	21741	22042	21719	23548	27616
ii	Irrigation Department	24238	24392	24844	25003	25366	25868
iii	Electricity Department	4327	4353	4461	4485	4439	4559
iv	Steel Authority	2253	2278	2297	2322	2335	2347
v	Coal Mines	3217	3248	2366	2388	2414	2436
vi	Sugar Cane Authority	13093	13376	10289	10664	10937	11354
All Categories (A+B+C+D)		1701258	1760768	1846629	1910792	1997323	2090282

Source : Data for Years 2002,2003,2004 are as supplied by TRW,M/o Road Transport & Highways
Data for 2000 & 2001 taken from Basic Road Statistics,
published by TRW, M/o Road Transport & Highways

Table 1B.2 : % Share of Surfaced to Total Road Length by Categories in India

Sl. No.	Category	as on 31st March					
		2003	2004	2005	2006	2007	2008
A	Highways	59.04	58.77	55.25	55.73	55.57	56.09
I	PWD Roads	86.06	86.55	85.52	86.18	86.09	86.57
i	National Highways	99.82	99.68	99.68	100.00	100.00	100.00
ii	State Highways	98.61	98.56	98.96	98.81	99.00	98.85
iii	Other PWD Roads	82.48	83.12	81.87	82.70	82.63	83.34
II	Panchayat Raj Roads	38.23	37.33	34.01	34.22	34.08	34.27
i	Zila Parishad Roads	58.10	57.29	56.03	56.10	54.09	54.85
ii	Village Panchayat Roads	19.30	19.69	19.23	19.77	20.18	20.20
iii	CD/Panchayat Samiti Roads	26.90	25.66	30.50	30.72	30.93	31.22
B	Rural Road constructed under-JRY and PMGSY	22.65	24.67	25.87	27.59	29.77	32.49
	PMGSY	100.00	100.00	100.00	100.00	100.00	100.00
	JRY	20.36	20.36	20.36	20.36	20.36	20.36
C	Urban Roads	72.31	72.47	68.11	68.57	68.88	69.91
i	Municipal Roads	70.51	70.71	65.92	66.37	66.75	67.82
ii	MES Roads	98.94	98.93	98.23	98.59	98.61	98.65
iii	Railway Roads	82.90	82.49	82.10	82.13	82.20	82.21
iv	Port Roads	93.04	93.04	93.78	93.91	93.55	93.25
D	Project Roads	26.54	26.52	25.52	25.39	25.71	27.45
i	Forest Department	14.58	14.44	14.95	14.57	15.33	17.94
ii	Irrigation Department	31.88	31.96	31.85	31.97	31.92	32.28
iii	Electricity Department	89.31	89.31	91.10	91.25	91.04	91.09
iv	Steel Authority	90.96	91.12	91.19	91.27	91.32	91.36
v	Coal Mines	97.04	96.90	95.79	95.14	94.67	94.60
vi	Sugar Cane Authority	55.08	55.61	42.03	42.75	42.97	43.71
All Categories (A+B+C+D)		48.21	48.62	46.99	47.72	48.24	49.34

Table 1B.3 : Statewise Length of Surfaced Roads in India*

Sl. No.	States	as on 31st March						(in km)	CAGR (%)
		2003	2004	2005	2006	2007	2008		
1	Andhra Pradesh	124341	128308	181450	183798	185308	189316	8.77	
2	Arunachal Pradesh	5984	6062	10325	10480	10585	9755	10.27	
3	Assam	19017	22422	24366	24959	25931	26612	6.95	
4	Bihar	32729	28491	57807	58136	58136	58136	12.18	
5	Chhattisgarh	38548	39160	40676	42110	41984	43528	2.46	
6	Goa	7360	7369	7436	7462	7602	7664	0.81	
7	Gujarat	128751	129981	129715	131123	131672	132321	0.55	
8	Haryana	26585	26754	26770	27016	27502	27703	0.83	
9	Himachal Pradesh	16820	17956	19480	19504	20318	21197	4.73	
10	Jammu & Kashmir	8771	8962	9626	9862	9876	10141	2.95	
11	Jharkhand	3425	3817	10053	10052	10050	10037	23.99	
12	Karnataka	135725	136288	132008	134927	149491	153143	2.44	
13	Kerala	74056	76943	91363	105862	112236	116446	9.47	
14	Madhya Pradesh	80124	80660	79210	81625	82422	82426	0.57	
15	Maharashtra	210530	212001	175341	175007	177556	178045	-3.30	
16	Manipur	3834	3839	6682	6682	6682	6682	11.75	
17	Meghalaya	6551	6687	6241	6270	6283	5472	-3.54	
18	Mizoram	2805	2764	3215	3130	5096	5169	13.00	
19	Nagaland	6446	6570	10587	9516	9518	9540	8.16	
20	Orissa	32143	32670	30331	30143	30504	30645	-0.95	
21	Punjab	31178	31662	38859	37474	37441	37487	3.75	
22	Rajasthan	89917	95196	100718	104140	112216	123594	6.57	
23	Sikkim	1612	1652	1654	1605	1418	1418	-2.53	
24	Tamil Nadu	129663	133175	138736	143646	146869	147346	2.59	
25	Tripura	8569	9080	12180	12180	12180	12182	7.29	
26	Uttar Pradesh	174196	182057	168901	175151	185823	202492	3.06	
27	Uttarakhand	14376	16783	16237	17318	18441	20192	7.03	
28	West Bengal	50276	51164	39222	41247	42973	49111	-0.47	
State Total		1464332	1498473	1569189	1610425	1666113	1717800	3.24	
Union Territories									
1	A & N Island	1181	1481	1108	1111	1113	1111	-1.21	
2	Chandigarh	1637	1637	2118	2118	2118	2118	5.29	
3	D & N Haveli	539	610	610	610	610	610	2.51	
4	Daman & Diu	227	316	221	221	221	222	-0.44	
5	Delhi	21116	21126	20772	20776	20793	20873	-0.23	
6	Lakshadweep	154	160	162	166	168	172	2.24	
7	Puducherry	2173	2252	2270	2295	2364	2364	1.70	
UT Total		27027	27582	27261	27297	27387	27470	0.33	
India Total		1491359	1526055	1596450	1637722	1693500	1745270	3.19	

* Excludes Roads Constructed under JRY and PMGSY

Source: Material supplied by TRW, M/o Road Transport & Highways

Basic Road Statistics published by TRW, M/o Road Transport & Highways

Table 1B.4 : State wise % Share of Surfaced to Total Road Length in India

Sl. No.	States/Uts	as on 31st March					
		2003	2004	2005	2006	2007	2008
1	Andhra Pradesh	61.59	62.25	55.08	54.54	54.66	54.87
2	Arunachal Pradesh	38.21	38.58	58.17	60.87	60.73	59.14
3	Assam	11.86	11.62	11.67	11.56	11.60	11.55
4	Bihar	41.56	38.59	48.19	48.40	48.40	48.40
5	Chhattisgarh	53.00	52.92	56.24	56.99	56.96	58.48
6	Goa	71.94	71.96	71.98	71.61	72.24	72.51
7	Gujarat	90.19	90.48	90.44	90.57	90.41	90.24
8	Haryana	93.24	93.31	93.42	92.98	93.55	93.19
9	Himachal Pradesh	52.50	55.11	83.06	82.60	58.13	58.40
10	Jammu & Kashmir	43.27	42.48	44.13	44.74	44.77	45.43
11	Jharkhand	30.07	32.39	55.73	55.67	55.61	57.25
12	Karnataka	67.96	68.11	62.74	62.99	58.88	59.95
13	Kerala	53.05	53.70	53.90	56.57	56.84	56.87
14	Madhya Pradesh	48.62	48.78	48.32	49.53	49.83	49.73
15	Maharashtra	77.58	77.75	79.36	79.39	79.57	79.73
16	Manipur	30.44	30.47	40.49	40.49	40.49	40.49
17	Meghalaya	68.50	68.93	64.59	64.70	64.43	55.62
18	Mizoram	57.09	56.43	59.25	52.39	82.94	83.94
19	Nagaland	31.41	31.82	40.35	43.09	43.37	42.77
20	Orissa	15.09	15.28	14.10	14.01	14.17	14.23
21	Punjab	77.90	69.18	83.59	82.97	82.95	82.98
22	Rajasthan	64.15	65.70	67.26	68.32	70.18	72.08
23	Sikkim	79.68	80.08	79.67	75.78	75.71	75.71
24	Tamil Nadu	77.43	77.96	78.73	80.09	81.22	81.31
25	Tripura	38.43	38.06	38.40	38.39	38.39	38.39
26	Uttar Pradesh	67.02	74.48	65.80	66.46	68.23	71.13
27	Uttarakhand	41.41	28.91	45.53	48.02	47.08	49.20
28	West Bengal	56.81	57.04	20.04	20.72	20.62	23.19
All States		57.07	56.90	53.63	54.09	54.04	54.74
Union Territories							
1	A & N Island	100.00	100.00	85.36	85.40	85.42	85.40
2	Chandigarh	100.00	100.00	100.00	100.00	100.00	100.00
3	D & N Haveli	96.42	96.52	96.52	96.52	96.52	96.52
4	Daman & Diu	94.58	99.37	99.10	99.10	99.10	99.11
5	Delhi	70.85	70.86	70.51	70.52	70.53	70.61
6	Lakshadweep	100.00	100.00	101.25	102.47	101.20	102.38
7	Puducherry	84.92	86.62	86.87	87.46	87.69	87.69
All UTs		74.80	75.28	74.68	74.74	74.79	74.85
All India		57.32	57.16	53.89	54.34	54.28	54.98

Table 1B.5 : State wise Length of Surfaced Urban Roads in India

Sl. No.	States	as on 31st March						(in km)
		2003	2004	2005	2006	2007	2008	CAGR (%)
1	Andhra Pradesh	10767	10767	10890	10911	10923	10950	0.34
2	Arunachal Pradesh	35	35	14	14	14	14	-16.74
3	Assam	2161	2161	3525	3563	3593	3621	10.88
4	Bihar	4469	4549	4428	4492	4492	4492	0.10
5	Chhattisgarh	3651	3991	4503	4658	4692	4963	6.33
6	Goa	1013	1022	1058	1068	1068	1068	1.06
7	Gujarat	12301	12662	12881	13740	14427	15002	4.05
8	Haryana	3594	3594	3469	3714	3714	3721	0.70
9	Himachal Pradesh	1514	1667	1558	1582	1610	1701	2.36
10	Jammu & Kashmir	1147	1147	1574	1473	1487	1752	9
11	Jharkhand	-	-	300	300	300	300	0
12	Karnataka	16223	16310	11703	12844	14020	15418	-1.01
13	Kerala	10269	10520	9344	9650	10145	10868	1.14
14	Madhya Pradesh	10467	10467	10145	10155	10155	10155	-0.60
15	Maharashtra	14695	14695	15030	15108	15115	15159	1
16	Manipur	114	114	114	114	114	114	0.00
17	Meghalaya	103	146	37	37	37	37	-18.52
18	Mizoram	10	10	272	272	272	272	94
19	Nagaland	94	93	91	91	91	93	0
20	Orissa	9605	9755	6772	6775	6776	6777	-6.74
21	Punjab	5416	5416	6475	6477	6482	6517	3.77
22	Rajasthan	10091	10494	10214	10249	10411	10528	0.85
23	Sikkim	36	36	29	29	29	29	-4.23
24	Tamil Nadu	12818	13587	13571	14066	14397	14788	2.90
25	Tripura	185	185	183	183	183	185	0
26	Uttar Pradesh	41057	41057	24114	25723	29514	31142	-5
27	Uttarakhand	2384	2464	2331	2351	2407	2442	0.48
28	West Bengal	17702	18362	17913	17825	17829	17838	0.15
Union Territories								
1	A & N Island	9	9	45	48	50	48	39.77
2	Chandigarh	1613	1613	1613	1613	1613	1613	0
3	D & N Haveli	-	-	-	-	-	-	-
4	Daman & Diu	25	25	27	27	27	28	2.29
5	Delhi	20694	20694	20340	20344	20351	20401	-0.28
6	Lakshadweep	1	1	1	1	1	1	0
7	Puducherry	688	713	713	713	713	713	0.72
India Total		214951	218361	195277	200210	207052	212750	-0.21

Source: Material supplied by TRW, M/o Road Transport & Highways
 Basic Road Statistics published by TRW, M/o Road Transport & Highways

Table 1B.6 : State wise Length of Surfaced Rural Roads in India*

Sl. No.	States	as on 31st March						(in km)
		2003	2004	2005	2006	2007	2008	CAGR (%)
1	Andhra Pradesh	113574	117541	170560	172887	174385	178366	9.45
2	Arunachal Pradesh	5949	6027	10311	10466	10571	9741	10.37
3	Assam	16856	20261	20841	21396	22338	22991	6.40
4	Bihar	28260	23942	53379	53644	53644	53644	13.68
5	Chhattisgarh	34897	35169	36173	37452	37292	38565	2.02
6	Goa	6347	6347	6378	6394	6534	6596	0.77
7	Gujarat	116450	117319	116834	117383	117245	117319	0.15
8	Haryana	22991	23160	23301	23302	23788	23982	0.85
9	Himachal Pradesh	15306	16289	17922	17922	18708	19496	4.96
10	Jammu & Kashmir	7624	7815	8052	8389	8389	8389	1.93
11	Jharkhand			9753	9752	9750	9737	-0.05
12	Karnataka	119502	119978	120305	122083	135471	137725	2.88
13	Kerala	63787	66423	82019	96212	102091	105578	10.60
14	Madhya Pradesh	69657	70193	69065	71470	72267	72271	0.74
15	Maharashtra	195835	197306	160311	159899	162441	162886	-3.62
16	Manipur	3720	3725	6568	6568	6568	6568	12.04
17	Meghalaya	6448	6541	6204	6233	6246	5435	-3.36
18	Mizoram	2795	2754	2943	2858	4824	4897	11.87
19	Nagaland	6352	6477	10496	9425	9427	9447	8.26
20	Orissa	22538	22915	23559	23368	23728	23868	1.15
21	Punjab	25762	26246	32384	30997	30959	30970	3.75
22	Rajasthan	79826	84702	90504	93891	101805	113066	7.21
23	Sikkim	1576	1616	1625	1576	1389	1389	-2.49
24	Tamil Nadu	116845	119588	125165	129580	132472	132558	2.56
25	Tripura	8384	8895	11997	11997	11997	11997	7.43
26	Uttar Pradesh	133139	141000	144787	149428	156309	171350	5.18
27	Uttarakhand	11992	14319	13906	14967	16034	17750	8.16
28	West Bengal	32574	32802	21309	23422	25144	31273	-0.81
Union Territories								
1	A & N Island	1172	1472	1063	1063	1063	1063	-1.93
2	Chandigarh	24	24	505	505	505	505	83.91
3	D & N Haveli			610	610	610	610	0.00
4	Daman & Diu	202	291	194	194	194	194	-0.80
5	Delhi	422	432	432	432	442	472	2.26
6	Lakshadweep	153	159	161	165	167	171	2.25
7	Puducherry	1485	1539	1557	1582	1651	1651	2.14
India Total		1276408	1307694	1401173	1437512	1486448	1532520	3.72

* Excludes Roads Constructed under JRY and PMGSY

Source: Material supplied by TRW, M/o Road Transport & Highways

Basic Road Statistics published by TRW, M/o Road Transport & Highways

Table 1B.7 : Road Accidents, Persons Killed & Injured:1970-2007

Year	Road length (km)	Total no. of registered motor vehicles ('000)	Total no. of road accidents (in numbers)	Total no. of persons killed	Total no. of persons injured	Total no. of casualties	Population ('000)	No. of accidents per 1000 vehicles	No. of casualties per 1000 vehicles	No. of accidents per 1000 km road	No. of casualties per 1000 km road	No. of casualties per lakh population	No. of casualties per road accident
1970	1188728	1401	114100	14500	70100	84600	539000	81	60	96	71	16	0.74
1980	1491873	4521	153200	24000	109100	133100	673000	34	29	103	89	20	0.87
1990	1983867	19152	282600	54100	244100	298200	835000	15	16	142	150	36	1.06
1991	2331086	21374	295131	56278	255000	311278	852250	14	15	127	134	37	1.05
1992	2482289	23507	275541	60113	267200	327313	869000	12	14	111	132	38	1.19
1993	2614662	25505	284646	60380	287800	348180	886000	11	14	109	133	39	1.22
1994	2890950	27660	325864	64463	311500	375963	904000	12	14	113	130	42	1.15
1995	2975035	30295	351999	70781	323200	393981	924359	12	13	118	132	43	1.12
1996	3202515	33786	371204	74665	369502	444167	941579	11	13	116	139	47	1.20
1997	3298788	37332	373671	76977	378361	455338	959792	10	12	113	138	47	1.22
1998	3228356	41368	385018	79919	390674	470593	978081	9	11	119	146	48	1.22
1999	3296650	44875	386456	81966	375051	457017	996130	9	10	117	139	46	1.18
CAGR (2000 over 1990) (%)	5.30	9.82	3.31	3.85	5.04	4.84	1.97	-5.92	-4.54	-1.89	-0.44	2.81	1.47
2000	3325765	48857	391449	78911	399265	478176	1014825	8	10	118	144	47	1.22
2001	3373520	54991	405637	80888	405216	486104	1033249	7	9	120	144	47	1.20
2002	3426603	58924	407497	84674	408711	493385	1050640	7	8	119	144	47	1.21
2003	3528654	67007	406726	85998	435122	521120	1068214	6	8	115	148	49	1.28
2004	3621507	72718	429910	92618	464521	557139	1079887	6	8	119	154	52	1.30
2005	3929439	81501	439255	94968	465282	560250	1101318	5	7	112	143	51	1.28
2006	4003930	89618	460920	105749	496481	602230	1114202	5	7	115	150	54	1.31
2007	4140544	NA	479216	114444	513340	627784	1131043	NA	NA	116	152	56	1.31
CAGR (Latest Available Year over 2000) (%)	3.18	10.64	2.93	5.45	3.66	3.97	1.56	-7.12	-6.07	-0.24	0.76	2.37	1.00

Source : Data for the years 1970 to 2001 & 2005 to 2007 as per Selected Socio-Economic Statistics India 2008

Data for the years 2002 to 2004 supplied by TRW, M/o Road Transport & Highways

**Table 1B.8 : State wise Road Accidents in India during
2003-2007 ***

(in number)							
Sl. No.	States/UTs	2003	2004	2005	2006	2007(P)	CAGR (%)
1	Andhra Pradesh	34826	38940	37131	43559	44325	6.22
2	Arunachal Pradesh	245	241	231	250	240	-0.51
3	Assam	3262	3688	4258	4694	4403	7.79
4	Bihar	6141	4027	3768	5594	7774	6.07
5	Chhattisgarh	10521	10600	11164	11934	12296	3.97
6	Goa	3244	3525	3577	3707	4020	5.51
7	Gujarat	30604	30630	30515	31547	33623	2.38
8	Haryana	8690	9321	9298	10314	11998	8.40
9	Himachal Pradesh	2680	2808	2797	2727	2955	2.47
10	Jammu & Kashmir	5904	6257	5664	5593	5864	-0.17
11	Jharkhand	4211	4614	5013	4980	5285	5.84
12	Karnataka	37658	38869	40330	43411	46363	5.34
13	Kerala	39496	41219	42295	41728	39917	0.27
14	Madhya Pradesh	30164	32445	35123	38041	41981	8.62
15	Maharashtra	65686	67720	72408	75413	73661	2.91
16	Manipur	523	468	600	521	538	0.71
17	Meghalaya	617	433	428	435	300	-16.50
18	Mizoram	122	83	96	95	77	-10.87
19	Nagaland	101	140	226	194	239	24.03
20	Orissa	6668	7278	7593	7729	8213	5.35
21	Punjab	4429	4346	4599	4927	5208	4.13
22	Rajasthan	21933	23243	23115	23348	23885	2.15
23	Sikkim	131	159	189	188	150	3.44
24	Tamil Nadu	51025	52508	53866	55145	59140	3.76
25	Tripura	676	645	657	793	801	4.33
26	Uttar Pradesh	1222	1252	1332	1461	1529	5.76
27	Uttarakhand	14286	18493	18325	19489	21522	10.79
28	West Bengal	10444	14431	12597	11324	11660	2.79
State Total		395509	418383	427195	449141	467967	4.30
Union Territories							
1	A & N Island	180	215	205	154	173	-0.99
2	Chandigarh	442	417	530	517	534	4.84
3	D & N Haveli	73	111	127	103	116	12.28
4	Daman & Diu	72	61	62	57	60	-4.46
5	Delhi	8863	9087	9351	9299	8620	-0.69
6	Lakshadweep	1	3	5	10	2	18.92
7	Puducherry	1586	1633	1780	1639	1744	2.40
UT Total		11217	11527	12060	11779	11249	0.07
India Total		406726	429910	439255	460920	479216	4.19

P : Provisional * Calendar year January to
December

Source: Material supplied by TRW, M/o Road Transport & Highways

Road Transport Year Book published by TRW, M/o Road Transport & Highways

Table 1B.9 : Statewise Number of accidents per 1000 vehicles during 2003-2006*

Sl. No.	States/UTs	(in numbers)				
		2003	2004	2005	2006	CAGR (%)
1	Andhra Pradesh	7	7	6	6	-4.65
2	Arunachal Pradesh	12	11	11	11	-0.87
3	Assam	5	5	5	5	1.13
4	Bihar	5	5	3	4	-10.66
5	Chhattisgarh	10	9	8	8	-7.48
6	Goa	8	8	7	7	-4.99
7	Gujarat	5	4	4	4	-8.02
8	Haryana	4	4	3	3	-4.31
9	Himachal Pradesh	10	10	9	8	-6.42
10	Jammu & Kashmir	15	14	12	11	-10.32
11	Jharkhand	4	4	4	3	-4.71
12	Karnataka	10	10	7	7	-11.52
13	Kerala	15	15	14	12	-8.84
14	Madhya Pradesh	9	9	8	8	-1.82
15	Maharashtra	8	8	7	7	-5.21
16	Manipur	5	4	5	4	-7.98
17	Meghalaya	8	6	5	4	-20.90
18	Mizoram	3	2	2	2	-17.87
19	Nagaland	1	1	1	1	19.14
20	Orissa	5	5	4	4	-6.58
21	Punjab	1	1	1	1	-3.02
22	Rajasthan	6	6	5	5	-7.92
23	Sikkim	9	9	9	9	-0.72
24	Tamil Nadu	6	6	6	5	-4.89
25	Tripura	10	8	9	7	-9.94
26	Uttar Pradesh	3	2	2	2	-5.28
27	Uttarakhand	2	3	2	2	0.41
28	West Bengal	4	6	5	4	-3.69
State Total		6.4	6.2	5.6	5.3	-5.66
Union Territories						
1	A & N Island	6	8	6	4	-16.40
2	Chandigarh	1	1	1	1	0.53
3	D & N Haveli	2	3	3	2	-0.94
4	Daman & Diu	2	1	1	1	-14.12
5	Delhi	2	2	2	2	-2.44
6	Lakshadweep	0	1	1	2	102.74
7	Puducherry	5	5	5	4	-7.61
UT Total		2.3	2.2	2.3	2.1	-2.93
India Total		6	6	5	5	-5.37

P : Provisional

* Calendar year January to December

Source: Material supplied by TRW, M/o Road Transport & Highways

Road Transport Year Book published by TRW, M/o Road Transport & Highways

**Table 1B.10 : Statewise Number of Accidents per 1000
km Road Length during 2003-2007 ***

(in numbers)

Sl. No.	States/UTs	2003	2004	2005	2006	2007	CAGR (%)
1	Andhra Pradesh	172	189	113	129	131	-6.69
2	Arunachal Pradesh	16	15	13	15	14	-3.14
3	Assam	20	19	20	22	20	-0.79
4	Bihar	78	55	31	47	65	-4.55
5	Chhattisgarh	145	143	154	162	167	3.63
6	Goa	317	344	346	356	382	4.77
7	Gujarat	214	213	213	218	231	1.87
8	Haryana	305	325	324	355	408	7.57
9	Himachal Pradesh	84	86	119	115	85	0.27
10	Jammu & Kashmir	291	297	260	254	266	-2.26
11	Jharkhand	370	392	278	276	292	-5.69
12	Karnataka	189	194	192	203	183	-0.80
13	Kerala	283	288	250	223	202	-8.06
14	Madhya Pradesh	183	196	214	231	254	8.52
15	Maharashtra	242	248	328	342	330	8.07
16	Manipur	42	37	36	32	33	-5.87
17	Meghalaya	65	45	44	45	31	-16.90
18	Mizoram	25	17	18	16	13	-15.71
19	Nagaland	5	7	9	9	11	21.97
20	Orissa	31	34	35	36	38	5.07
21	Punjab	111	95	99	109	115	1.05
22	Rajasthan	156	160	154	153	149	-1.16
23	Sikkim	65	77	91	89	80	5.46
24	Tamil Nadu	305	307	306	307	327	1.78
25	Tripura	30	27	21	25	25	-4.48
26	Uttar Pradesh	5	5	5	6	6	4.53
27	Uttarakhand	412	319	514	540	549	7.50
28	West Bengal	118	161	64	57	56	-17.02
All States		154.1	159	146	151	152	-0.39
Union Territories							
1	A & N Island	152	145	158	118	133	-3.39
2	Chandigarh	270	255	250	244	252	-1.70
3	D & N Haveli	131	176	201	163	184	8.88
4	Daman & Diu	300	192	278	256	269	-2.68
5	Delhi	297	305	317	316	292	-0.42
6	Lakshadweep	6	19	31	62	12	16.71
7	Puducherry	620	628	681	625	647	1.08
All UTs		310.4	315	330	323	307	-0.26
All India		156	161	148	153	154	-0.44

P : Provisional

* Calendar year January to December

Source: 1. Material supplied by TRW, M/o Road Transport & Highways,

2. Road Transport Year Book published by TRW, M/o Road Transport & Highways

Table 1B.11 : Statewise Total Casualties in Road Accidents during 2003-2007 *

(in number)							
Sl. No.	States/UTs	2003	2004	2005	2006	2007(P)	CAGR (%)
1	Andhra Pradesh	57156	61447	57147	71281	72762	6.22
2	Arunachal Pradesh	501	585	417	490	583	3.86
3	Assam	5483	5601	7084	7276	7301	7.42
4	Bihar	6595	4455	4147	5974	9453	9.42
5	Chhattisgarh	10613	11957	12636	13582	14342	7.82
6	Goa	2861	3036	2956	3234	3450	4.79
7	Gujarat	38841	39859	40543	40145	42683	2.39
8	Haryana	11315	12060	12152	13130	14703	6.77
9	Himachal Pradesh	5091	5811	5319	5746	6311	5.52
10	Jammu & Kashmir	8892	9847	9199	9208	8878	-0.04
11	Jharkhand	5805	6162	5439	5621	6450	2.67
12	Karnataka	51976	56891	60965	68913	70215	7.81
13	Kerala	51545	54287	54378	53426	52024	0.23
14	Madhya Pradesh	37898	41953	45046	47957	51896	8.18
15	Maharashtra	56175	57269	51097	62367	58554	1.04
16	Manipur	1115	1205	1472	1179	1158	0.95
17	Meghalaya	691	497	669	544	484	-8.52
18	Mizoram	188	190	186	213	115	-11.56
19	Nagaland	169	200	359	343	278	13.25
20	Orissa	11131	11952	12709	12518	14305	6.47
21	Punjab	6732	6798	6924	7359	7793	3.73
22	Rajasthan	35104	37822	36779	36588	39296	2.86
23	Sikkim	319	329	513	461	324	0.39
24	Tamil Nadu	64517	66790	71764	75351	83135	6.54
25	Tripura	1095	1341	1276	1564	1552	9.11
26	Uttar Pradesh	2448	2801	2709	2885	2971	4.96
27	Uttarakhand	17193	23134	22838	24501	25862	10.75
28	West Bengal	17130	19871	19838	16857	17759	0.91
State Total		508579	544150	546561	588713	614637	4.85
Union Territories							
1	A & N Island	264	322	352	244	336	6.21
2	Chandigarh	571	499	688	667	681	4.50
3	D & N Haveli	99	187	170	159	160	12.75
4	Daman & Diu	93	94	96	80	92	-0.27
5	Delhi	9630	9979	10309	10449	9852	0.57
6	Lakshadweep	1	3	5	8	2	18.92
7	Puducherry	1883	1905	2069	1910	2024	1.82
UT Total		12541	12989	13689	13517	13147	1.19
India Total		521120	557139	560250	602230	627784	4.77

P : Provisional * Calendar year January to December

Source: Material supplied by TRW, M/o Road Transport & Highways
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Table 1B.12 : Percentage of Persons Killed to Total Casualties in Road Accidents during 2003-2007 *

Sl. No.	States/Uts	2003	2004	2005	2006	2007(P)
1	Andhra Pradesh	16.9	17.2	18.4	17.9	18.6
2	Arunachal Pradesh	25.3	28.4	20.9	26.3	16.3
3	Assam	20.5	23.0	21.8	25.3	22.0
4	Bihar	35.9	40.2	38.3	40.1	36.8
5	Chhattisgarh	17.7	17.2	17.9	17.5	18.2
6	Goa	8.2	10.1	8.2	9.4	9.3
7	Gujarat	13.3	13.6	13.9	15.3	16.2
8	Haryana	26.8	28.3	27.8	30.6	30.0
9	Himachal Pradesh	14.4	14.4	15.3	15.1	15.5
10	Jammu & Kashmir	9.4	9.7	9.6	10.7	10.8
11	Jharkhand	29.3	30.3	35.3	34.1	32.3
12	Karnataka	11.9	11.4	11.3	11.6	12.5
13	Kerala	5.6	5.6	5.8	6.8	7.3
14	Madhya Pradesh	11.9	11.2	11.8	11.1	12.9
15	Maharashtra	16.9	17.2	20.1	18.2	19.1
16	Manipur	11.4	9.5	9.3	13.5	9.8
17	Meghalaya	24.3	27.2	18.8	30.3	26.2
18	Mizoram	40.4	31.1	31.7	30.0	43.5
19	Nagaland	27.2	30.0	14.5	19.8	32.0
20	Orissa	20.6	20.5	20.1	22.0	21.0
21	Punjab	39.4	38.0	40.3	41.5	43.2
22	Rajasthan	17.2	17.1	18.5	19.6	20.7
23	Sikkim	12.5	15.5	15.0	15.2	16.0
24	Tamil Nadu	14.4	14.2	13.6	14.6	14.5
25	Tripura	15.3	13.5	16.4	12.5	14.4
26	Uttar Pradesh	30.9	33.2	32.0	33.8	33.4
27	Uttarakhand	45.6	43.0	43.6	44.3	44.1
28	West Bengal	25.5	25.1	23.8	27.3	26.7
All States		16.5	16.6	17.0	17.5	18.2
Union Territories						
1	A & N Island	4.5	4.7	6.5	9.0	6.8
2	Chandigarh	23.5	29.9	19.6	21.3	22.2
3	D & N Haveli	34.3	28.9	32.4	28.3	41.3
4	Daman & Diu	20.4	25.5	25.0	33.8	31.5
5	Delhi	18.7	19.1	18.1	20.8	21.7
6	Lakshadweep	0.0	0.0	0.0	12.5	0.0
7	Puducherry	10.0	9.4	10.9	11.4	12.6
All UTs		17.4	17.9	17.0	19.4	20.3
All India		16.5	16.6	17.0	17.6	18.2

P : Provisional

* Calendar year January to December

Source: Material supplied by TRW,M/o Road Transport & Highways

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Table 1B.13 : Percentage of Persons Injured to Total Casualties in Road Accidents during 2003-2007 *

Sl. No.	States/Uts	2003	2004	2005	2006	2007(P)
1	Andhra Pradesh	83.1	82.8	81.6	82.1	81.4
2	Arunachal Pradesh	74.7	71.6	79.1	73.7	83.7
3	Assam	79.5	77.0	78.2	74.7	78.0
4	Bihar	64.1	59.8	61.7	59.9	63.2
5	Chhattisgarh	82.3	82.8	82.1	82.5	81.8
6	Goa	91.8	89.9	91.8	90.6	90.7
7	Gujarat	86.7	86.4	86.1	84.7	83.8
8	Haryana	73.2	71.7	72.2	69.4	70.0
9	Himachal Pradesh	85.6	85.6	84.7	84.9	84.5
10	Jammu & Kashmir	90.6	90.3	90.4	89.3	89.2
11	Jharkhand	70.7	69.7	64.7	65.9	67.7
12	Karnataka	88.1	88.6	88.7	88.4	87.5
13	Kerala	94.4	94.4	94.2	93.2	92.7
14	Madhya Pradesh	88.1	88.8	88.2	88.9	87.1
15	Maharashtra	83.1	82.8	79.9	81.8	80.9
16	Manipur	88.6	90.5	90.7	86.5	90.2
17	Meghalaya	75.7	72.8	81.2	69.7	73.8
18	Mizoram	59.6	68.9	68.3	70.0	56.5
19	Nagaland	72.8	70.0	85.5	80.2	68.0
20	Orissa	79.4	79.5	79.9	78.0	79.0
21	Punjab	60.6	62.0	59.7	58.5	56.8
22	Rajasthan	82.8	82.9	81.5	80.4	79.3
23	Sikkim	87.5	84.5	85.0	84.8	84.0
24	Tamil Nadu	85.6	85.8	86.4	85.4	85.5
25	Tripura	84.7	86.5	83.6	87.5	85.6
26	Uttar Pradesh	69.1	66.8	68.0	66.2	66.6
27	Uttarakhand	54.4	57.0	56.4	55.7	55.9
28	West Bengal	74.5	74.9	76.2	72.7	73.3
All States		83.5	83.4	83.0	82.5	81.8
Union Territories						
1	A & N Island	95.5	95.3	93.5	91.0	93.2
2	Chandigarh	76.5	70.1	80.4	78.7	77.8
3	D & N Haveli	65.7	71.1	67.6	71.7	58.8
4	Daman & Diu	79.6	74.5	75.0	66.3	68.5
5	Delhi	81.3	80.9	81.9	79.2	78.3
6	Lakshadweep	100.0	100.0	100.0	87.5	100.0
7	Puducherry	90.0	90.6	89.1	88.6	87.4
All UTs		82.6	82.1	83.0	80.6	79.7
All India		83.5	83.4	83.0	82.4	81.8

P : Provisional

* Calendar year January to December

Source: Material supplied by TRW, M/o Road Transport & Highways

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Table 1B.14 : State wise Number of Casualties in Road Accidents per 1000 Registered Motor Vehicles during 2003-2006 *

(in numbers)						
Sl. No.	States/Uts	2003	2004	2005	2006	CAGR (%)
1	Andhra Pradesh	11	11	9	10	-4.75
2	Arunachal Pradesh	24	28	19	22	-2.26
3	Assam	8	8	9	8	-1.56
4	Bihar	6	6	3	4	-10.83
5	Chhattisgarh	10	10	9	9	-3.68
6	Goa	7	7	6	6	-5.34
7	Gujarat	6	6	5	5	-7.94
8	Haryana	5	5	4	4	-5.03
9	Himachal Pradesh	19	20	18	17	-3.13
10	Jammu & Kashmir	22	22	19	18	-7.61
11	Jharkhand	5	5	4	4	-10.86
12	Karnataka	14	14	11	11	-7.29
13	Kerala	20	19	17	15	-9.42
14	Madhya Pradesh	11	11	11	10	-1.71
15	Maharashtra	7	6	5	6	-6.27
16	Manipur	11	11	13	10	-6.13
17	Meghalaya	9	7	7	5	-17.94
18	Mizoram	5	5	4	4	-6.93
19	Nagaland	1	1	2	2	21.35
20	Orissa	8	8	7	6	-7.52
21	Punjab	2	2	2	2	-3.59
22	Rajasthan	10	10	9	8	-8.56
23	Sikkim	21	19	26	21	-0.49
24	Tamil Nadu	8	8	8	7	-2.39
25	Tripura	17	18	17	15	-3.83
26	Uttar Pradesh	5	5	5	4	-5.74
27	Uttarakhand	3	4	3	3	1.88
28	West Bengal	7	8	7	6	-6.76
All States		8	8	7	7	-5.06
Union Territories						
1	A & N Island	9	12	10	6	-14.22
2	Chandigarh	1	1	1	1	0.49
3	D & N Haveli	3	5	4	4	3.43
4	Daman & Diu	2	2	2	1	-11.71
5	Delhi	2	2	2	2	-1.34
6	Lakshadweep	0	1	1	1	88.21
7	Puducherry	6	6	6	5	-8.19
All UTs		3	2	3	2	-2.09
All India		8	8	7	7	-4.75

* Calendar year January to December

Table 1B.15 : Statewise Number of Casualties in Road Accidents per Thousand km Road Length during 2003-2007

*

Sl. No.	States/Uts	2003	2004	2005	2006	2007	CAGR (%)
1	Andhra Pradesh	283	298	173	212	215	-6.69
2	Arunachal Pradesh	32	37	23	28	33	1.12
3	Assam	34	29	34	34	33	-1.13
4	Bihar	84	60	35	50	79	-1.54
5	Chhattisgarh	146	162	175	184	195	7.46
6	Goa	280	296	286	310	328	4.06
7	Gujarat	272	277	283	277	293	1.88
8	Haryana	397	421	424	452	500	5.95
9	Himachal Pradesh	159	178	227	243	181	3.25
10	Jammu & Kashmir	439	467	422	418	402	-2.13
11	Jharkhand	510	523	302	311	357	-8.52
12	Karnataka	260	284	290	322	277	1.53
13	Kerala	369	379	321	285	263	-8.09
14	Madhya Pradesh	230	254	275	291	314	8.08
15	Maharashtra	207	210	231	283	262	6.11
16	Manipur	89	96	89	71	70	-5.64
17	Meghalaya	72	51	69	56	50	-8.96
18	Mizoram	38	39	34	36	19	-16.37
19	Nagaland	8	10	14	16	13	11.37
20	Orissa	52	56	59	58	66	6.19
21	Punjab	168	149	149	163	173	0.66
22	Rajasthan	250	261	246	240	246	-0.47
23	Sikkim	158	159	247	218	173	2.34
24	Tamil Nadu	385	391	407	420	460	4.52
25	Tripura	49	56	40	49	49	-0.10
26	Uttar Pradesh	9	11	11	11	11	3.74
27	Uttarakhand	495	398	640	679	660	7.46
28	West Bengal	194	222	101	85	85	-18.54
All States		198	207	187	198	199	0.14
Union Territories							
1	A & N Island	224	217	271	188	258	3.64
2	Chandigarh	349	305	325	315	322	-2.02
3	D & N Haveli	177	296	269	252	253	9.34
4	Daman & Diu	388	296	430	359	413	1.58
5	Delhi	323	335	350	355	334	0.85
6	Lakshadweep	6	19	31	49	12	16.71
7	Puducherry	736	733	792	728	751	0.50
All UTs		347	355	375	370	359	0.85
All India		200	209	189	200	201	0.12

* Calendar year January to December

Table 1B.16 : Statewise Number of Casualties in Road Accidents per Lakh Population during 2003-2007 *

Sl. No.	States/Uts	2003	2004	2005	2006	2007	CAGR (%)
1	Andhra Pradesh	73	78	72	88	89	5.07
2	Arunachal Pradesh	44	51	36	42	49	2.59
3	Assam	20	20	25	25	25	5.94
4	Bihar	8	5	5	7	10	7.81
5	Chhattisgarh	49	55	57	60	63	6.16
6	Goa	208	215	204	217	224	1.88
7	Gujarat	74	75	75	73	76	0.80
8	Haryana	51	54	53	56	62	4.77
9	Himachal Pradesh	82	92	83	89	97	4.32
10	Jammu & Kashmir	85	93	85	84	80	-1.51
11	Jharkhand	21	22	19	19	22	1.06
12	Karnataka	96	104	110	122	123	6.53
13	Kerala	159	166	165	161	155	-0.61
14	Madhya Pradesh	60	66	69	72	77	6.21
15	Maharashtra	56	56	50	60	55	-0.50
16	Manipur	50	54	65	51	50	-0.29
17	Meghalaya	29	21	27	22	19	-9.64
18	Mizoram	21	21	20	23	12	-12.64
19	Nagaland	8	10	17	16	13	11.87
20	Orissa	30	31	33	32	36	5.37
21	Punjab	27	27	27	28	30	2.37
22	Rajasthan	60	63	60	59	62	0.95
23	Sikkim	57	59	90	80	56	-0.84
24	Tamil Nadu	102	104	111	116	127	5.69
25	Tripura	33	40	38	46	45	7.77
26	Uttar Pradesh	1	2	2	2	2	2.96
27	Uttarakhand	196	259	252	266	276	8.97
28	West Bengal	21	24	24	20	21	-0.23
All States		49	51	51	54	55	3.32
Union Territories							
1	A & N Island	70	82	87	58	77	2.61
2	Chandigarh	60	50	66	60	59	-0.43
3	D & N Haveli	43	78	67	60	57	7.13
4	Daman & Diu	51	48	47	37	41	-5.63
5	Delhi	66	66	66	65	60	-2.27
6	Lakshadweep	1	4	7	11	3	16.40
7	Puducherry	190	187	196	174	177	-1.84
All UTs		72	72	74	70	66	-1.90
All India		49	52	51	54	56	3.20

* Calendar year January to December

Table 1B.17 : State wise Number of Casualties per 1000 Road Accident during 2003-2007 *

Sl. No.	States/Uts	2003	2004	2005	2006	2007	CAGR (%)
1	Andhra Pradesh	1641	1578	1539	1636	1642	0.01
2	Arunachal Pradesh	2045	2427	1805	1960	2429	4.40
3	Assam	1681	1519	1664	1550	1658	-0.34
4	Bihar	1074	1106	1101	1068	1216	3.15
5	Chhattisgarh	1009	1128	1132	1138	1166	3.70
6	Goa	882	861	826	872	858	-0.68
7	Gujarat	1269	1301	1329	1273	1269	0.01
8	Haryana	1302	1294	1307	1273	1225	-1.50
9	Himachal Pradesh	1900	2069	1902	2107	2136	2.97
10	Jammu & Kashmir	1506	1574	1624	1646	1514	0.13
11	Jharkhand	1379	1336	1085	1129	1220	-3.00
12	Karnataka	1380	1464	1512	1587	1514	2.35
13	Kerala	1305	1317	1286	1280	1303	-0.03
14	Madhya Pradesh	1256	1293	1283	1261	1236	-0.40
15	Maharashtra	855	846	706	827	795	-1.81
16	Manipur	2132	2575	2453	2263	2152	0.24
17	Meghalaya	1120	1148	1563	1251	1613	9.56
18	Mizoram	1541	2289	1938	2242	1494	-0.78
19	Nagaland	1673	1429	1588	1768	1163	-8.69
20	Orissa	1669	1642	1674	1620	1742	1.07
21	Punjab	1520	1564	1506	1494	1496	-0.39
22	Rajasthan	1601	1627	1591	1567	1645	0.69
23	Sikkim	2435	2069	2714	2452	2160	-2.95
24	Tamil Nadu	1264	1272	1332	1366	1406	2.68
25	Tripura	1620	2079	1942	1972	1938	4.58
26	Uttar Pradesh	2003	2237	2034	1975	1943	-0.76
27	Uttarakhand	1203	1251	1246	1257	1202	-0.04
28	West Bengal	1640	1377	1575	1489	1523	-1.83
All States		1286	1301	1279	1311	1313	0.53
Union Territories							
1	A & N Island	1467	1498	1717	1584	1942	7.27
2	Chandigarh	1292	1197	1298	1290	1275	-0.32
3	D & N Haveli	1356	1685	1339	1544	1379	0.42
4	Daman & Diu	1292	1541	1548	1404	1533	4.38
5	Delhi	1087	1098	1102	1124	1143	1.27
6	Lakshadweep	1000	1000	1000	800	1000	0.00
7	Puducherry	1187	1167	1162	1165	1161	-0.57
All UTs		1118	1127	1135	1148	1169	1.11
All India		1281	1296	1275	1307	1310	0.56

* Calendar year January to December

Table 1C.1 : Road Transport Outlay and Expenditure (Centre & States)

(Rs. In Crore)

Year	Outlay			Expenditure			% Utilisation		
	Centre	States	Total	Centre	States	Total	Centre	States	Total
IX Plan (1997-2002)	60.00	7355.26	7415.26	42.78	5925.37	5968.15	71.30	80.56	80.48
X Plan (2002-07)	210.00	9206.90	9416.90	179.37	5540.07	5719.44	85.41	60.17	60.74
2002-03	30.00	2209.49	2239.49	29.75	1201.03	1230.78	99.17	54.36	54.96
2003-04	40.00	1361.32	1401.32	35.48	847.55	883.03	88.70	62.26	63.01
2004-05	44.00	1498.50	1542.50	36.83	766.37	803.2	83.70	51.14	52.07
2005-06	46.00	1658.72	1704.72	31.81	1170.51	1202.32	69.15	70.57	70.53
2006-07	50.00	2174.06	2224.06	45.50	1554.61	1600.11	91.00	71.51	71.95
2007-08	-	-	-	-	-	-	-	-	-

Source: Material supplied by TRW, M/o Road Transport & Highways

Table 1C.2 : Road Transport Outlay & Expenditure (State Sector)

(Rs.In Lakh)							
Sl. No.	States/UTs	2005-06			2006-07		
		Outlay	Expenditure	% Utilisation	Outlay	Expenditure	% Utilisation
1	Andhra Pradesh	-	-	-	-	-	-
2	Arunachal Pradesh	967.97	660.38	68.22	540	529.82	98.11
3	Assam	500	500	100.00	300	500	166.67
4	Bihar	200.1	39.63	19.81	120	118.53	98.78
5	Chhattisgarh	-	-	-	-	-	-
6	Goa	905.52	785.97	86.80	1065	1178.9	110.69
7	Gujarat	13774	13774	100.00	12000	6829.49	56.91
8	Haryana	7800	7800	100.00	7800	7798.42	99.98
9	Himachal Pradesh	1382.8	1317.05	95.25	1743.7	1682.81	96.51
10	Jammu & Kashmir	100	75	75.00	100	100	100.00
11	Jharkhand	-	7406.91	-	17000	12518	73.64
12	Karnataka	36600	41790	114.18	47209	75987.05	160.96
13	Kerala	740	625.39	84.51	720	672.64	93.42
14	Madhya Pradesh	-	-	-	-	-	-
15	Maharashtra	100	36.3	36.30	701.54	1593.24	227.11
16	Manipur	-	-	-	-	-	-
17	Meghalaya	300	300	100.00	300	300	100.00
18	Mizoram	450	470.72	104.60	500	495.05	99.01
19	Nagaland	684	592	86.55	610	670	109.84
20	Orissa	581	121.94	20.99	160	315.55	197.22
21	Punjab	70	110.37	157.67	1486.38	296.96	19.98
22	Rajasthan	5805	7689	132.45	8730	5206.06	59.63
23	Sikkim	230	227.14	98.76	280	315.24	112.59
24	Tamil Nadu	1633.94	1471	90.03	20375.44	0	0.00
25	Tripura	50	30	60.00	60	616.78	1027.97
26	Uttar Pradesh	-	-	-	-	-	-
27	Uttarakhand	3383	13776.27	407.22	14393	18114.32	125.86
28	West Bengal	5173	14338.94	277.19	6887	11070.59	160.75
State Total		81430.33	113938.01	139.92	143081.06	146909.45	102.68
29	A & N Island	500	534	106.80	600	1206.28	201.05
30	Chandigarh	260	310.69	119.50	262	1182.26	451.24
31	D & N Haveli	-	-	-	-	-	-
32	Daman & Diu	10	8.77	87.70	15	10.2	68.00
33	Delhi	83092	1967.79	2.37	72948	5853.25	8.02
34	Lakshadweep	-	-	-	-	-	-
35	Puducherry	580	292.01	50.35	500	299.89	59.98
UT Total		84442	3113.26	3.69	74325	8551.88	11.51
India Total		165872.33	117051.27	70.57	217406.06	155461.33	71.51

Source: Material supplied by TRW,M/o Road Transport & Highways

Table 1C.3 : State wise Revenue Realised from Motor Vehicle Taxes in 2006-07

(Rs.in lakh)

Sl. No.	States/UTs	Motor Vehicle Tax	Commercial Vehicle and Other fees	Passenger Tax	Goods Tax	Fines	Total
1	Andhra Pradesh	393	15546	58275	53336	9646	137196
2	Arunachal Pradesh	2.8	...	...	...	...	2.8
3	Assam	10745	1489	1583	\$	2679	16496
4	Bihar	3287.51	6395.67	4863.75	5055.77	1498.18	21100.88
5	Chhattisgarh	18.74	2351	0	0	4213	6582.74
6	Goa	1056	6248	869	0	3017	11190
7	Gujarat	88683.38	10837.48	586.7	3.86	20586.18	120697.6
8	Haryana	21023.44	1342.66	42513.2	\$	...	64879.3
9	Himachal Pradesh	987.06	9226.79	947.11	1762.79	513.59	13437.34
10	Jammu & Kashmir	4330.87	1972.34	...	...	...	6303.21
11	Jharkhand	...	...	...	...	...	...
12	Karnataka	94664.09	8696.92	...	28167.29	3798.84	135327.14
13	Kerala	59471.32	...	@	@	1777.55	61248.87
14	Madhya Pradesh	50253	7240	74460	\$	6016	137969
15	Maharashtra	161835	22265	21800	\$	24672.86	230572.86
16	Manipur	...	...	...	...	...	409.52
17	Meghalaya	418.05	194.37	0	0	276.09	888.51
18	Mizoram	178.63	101.51	72.3	\$	...	352.44
19	Nagaland	1152.53	...	209.69	\$	...	1362.22
20	Orissa	25056.18	5820.54	25549	\$	11703.85	68129.57
21	Punjab	365.74	...	@	@	...	365.74
22	Rajasthan	21058.96	27621.56	28195.3	8664.9	16802.71	102343.43
23	Sikkim	267.18	187.88	@	@	150.46	605.52
24	Tamil Nadu	54339.56	17140.25	23728.25	28825.11	3235.88	127269.05
25	Tripura	415.24	50.1	0.8	34.33	17.63	518.1
26	Uttar Pradesh	37200.89	11363.35	32643.19	23025.48	8810.6	113043.51
27	Uttarakhand	3371.25	1365.49	3154.21	1479.01	162.01	9531.97
28	West Bengal	33376	16874 #	103.07	\$	...	50353.07
	State Total	673951.4	157455.91	319553.57	150354.5	119577.4	1438176.4
	Union Territories						
1	A & N Island	...	...	...	...	...	...
2	Chandigarh	984.98	1126.39	...	...	...	2111.37
3	D & N Haveli	120.57	208	1.92	454.3	106.01	890.8
4	Daman & Diu	540.88	124.68	132.29	\$	3.26	801.11
5	Delhi	25852.26	10431.7	...	...	**	36283.96
6	Lakshadweep	0	0	0	0	0	0
7	Puducherry	2516.79	393.96	0	0	0	2910.75
	UT Total	30015.48	12284.73	134.21	454.3	109.27	42997.99
	India Total	703966.9	169740.64	319687.78	150808.8	119686.7	1481174.4
	% Share of diff. sources of Revenue in Total Revenue	47.53	11.46	21.58	10.18	8.08	100.00

... Not indicated

\$ Included in Passenger Tax

@ Not levied

Includes Fines

** Included in Commercial Vehicle and Other Fees

Source: Material supplied by TRW, M/o Road Transport & Highways

Table 1C.4 : State wise Revenue Realised from Motor Vehicle Taxes in 2005-06

(Rs.in lakh)

Sl. No.	States/UTs	Motor Vehicle Tax	Commercial Vehicle and Other fees	Passenger Tax	Goods Tax	Fines	Total
1	Andhra Pradesh	24050	13741	41116	45859	10653	135419
2	Arunachal Pradesh	2.3	...	...	...	...	2.3
3	Assam	9859	1437	1552	\$	3834	16682
4	Bihar	4805.91	9349.64	7110.16	7390.87	2190.14	30846.72
5	Chhattisgarh	14.78	1999	0	0	3686	5699.78
6	Goa	588	5799	670	0	1466	8523
7	Gujarat	76823.75	9739.84	15624.91	12.36	302419.39	404620.25
8	Haryana	11610.89	5601.6	42771.71	\$	...	59984.2
9	Himachal Pradesh	929.29	8812.44	822.28	1475.03	466.1	12505.14
10	Jammu & Kashmir	3139	1705.42	...	...	...	4844.42
11	Jharkhand	...	...	...	...	...	0
12	Karnataka	77550.55	7105.22	...	27603.26	4426.53	116685.56
13	Kerala	53375.98	...	¤	¤	1472.14	54848.12
14	Madhya Pradesh	49915.69	5877.5	57858	\$	...	113651.19
15	Maharashtra	112674	18855	49982	\$	22437.03	203948.03
16	Manipur	258.22	101.38	25.11	38.61	3.79	427.11
17	Meghalaya	396.69	210.88	0	0	176.77	784.34
18	Mizoram	160.04	79.06	71.6	\$	...	310.7
19	Nagaland	741.43	...	136.76	\$	...	878.19
20	Orissa	25207	4777.59	25207.18	\$	10581.41	65773.18
21	Punjab	335.15	...	¤	¤	...	335.15
22	Rajasthan	13392.43	25893.43	8497.19	19906.34	19906.34	87595.73
23	Sikkim	151.61	183.45	¤	¤	75.9	410.96
24	Tamil Nadu	46187.4	17877	18567.81	26266.78	4115	113013.99
25	Tripura	424.28	121.69	1.09	32.79	16.61	596.46
26	Uttar Pradesh	33248.73	22700.16	26843.35	20848.78	4651.37	108292.39
27	Uttarakhand	2825.43	1155.05	2804.15	1403.47	183	8371.1
28	West Bengal	37030	16461 #	62.75	\$	...	53553.75
State Total		585697.6	179583.35	299724.05	150837.29	392760.52	1608602.76
Union Territories							
1	A & N Island	...	...	...	...	...	...
2	Chandigarh	840.18	1088.22	...	...	...	1928.4
3	D & N Haveli	107.08	192.03	1.7	371.43	98.23	770.47
4	Daman & Diu	479.77	105.98	117.98	\$	13.36	717.09
5	Delhi	21762.31	8111.25	¤	...	**	29873.56
6	Lakshadweep	0	0	0	0	0	0
7	Puducherry	2213.51	398.75	0	0	0	2612.26
UT Total		25402.85	9896.23	119.68	371.43	111.59	35901.78
India Total		611100.4	189479.58	299843.73	151208.72	392872.11	1644504.54
% Share of diff. sources of Revenue in Total Revenue		37.16	11.52	18.23	9.19	23.89	100.00
...	Not indicated						
\$	Included in Passenger Tax						
¤	Not levied						
^	There is no vehicle tax in Lakshadweep						
#	Includes Fines						
**	Included in Commercial Vehicle and Other Fees						

Source: Material supplied by TRW,M/o Road Transport & Highways

1. Road Transport

Fiscal Cost