

ROADS

This section provides comprehensive data on different categories Roads including National Highways, State highways, PWD Roads, Rural Roads constructed under Jawahar Rojgar Yojna (JRY) etc.

The information in this section is based on the data collected by Transport Research Wing (TRW), Ministry of Roads Transport and Highways on various categories of roads in the country, from as many as 360 agencies spread all over the country.

Table 17.1

The total road length in India has been categorized in three parts viz. Highways, Urban Roads and Project Roads, the information about which has been presented here by total and surfaced length.

Table 17.2

The road length of highways consists of the route lengths of highways running through the length and breadth of the large administrative areas of districts, states and the country, connecting all urban areas/centres of traffic.

- (a) National highway is a highway, which is declared as such under the National Highways Act, 1956.
- (b) State highway is a highway, which is declared as such by State Government.
- (c) Other highways are those highways which are maintained by State Public Works Departments (except National highways and State highways), District Boards /Zila Parishads, Village Panchayats and Panchayat Samitis/ C.D. Blocks.

Table 17.3

Data on urban road length shown in this table relate to roads constructed and maintained by municipalities, by Railways within Railway Colonies, by Port Authority in the Port Areas and by Military Engineering Service in Cantonment areas.

Table 17.4

The road lengths given here include the lengths of access roads within project areas for the exploitation of resources such as forests, hydropowers, sugarcane, irrigation, coal etc.

Table 17.5

Width-wise length of National and State highways are classified as single lane, double lane or multi-lane, according to the carriageway. Width of the roads (other than that in hilly terrain) is below 7 metres, 7 to 10.5 metres and above 10.5 metres respectively as per standards laid down by Indian Road Congress.

Table 17.6

The table indicates growth of National highways and expenditure thereon since 1990-91.

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Table 17.1-TOTAL AND SURFACED ROAD LENGTH
(as on 31st March)

(kilometre)

Year/State/U.T.	Total		Highways		Urban Roads		Project Roads	
	Total	Surfaced	Total	Surfaced	Total	Surfaced	Total	Surfaced
1	2	3	4	5	6	7	8	9
1991	2331086	1091043	1605408	858203	186799	136644	209737	30368
1994	2955231	1338745	1716172	989474	202013	147048	224606	39735
1995	3059317	1380241	1743183	1013961	204577	148672	225481	40393
1996	3283072	1477458	1908469	1093041	212920	156124	245673	45091
1997	2398788	1363127	1917335	1138373	231573	175798	249880	48956
1998	2328356	1308420	1822874	1079020	236055	178877	269427	50523
1999	2396650	1355380	1888261	1124064	237866	180558	270523	50758
2000	2416078	1390598	1953843	1146232	248408	188325	213827	56041
2001(P)	2446667	1414547	1967005	1166209	252001	191797	223665	56541
2002(P)	2483344	1420489	1981409	1175353	250122	190102	225116	55034
2002(P)								
State:								
Andhra Pradesh	196172	119857	173710	104782	13519	10764	8943	4311
Arunachal Pradesh	18365	5689	17218	5612	36	36	1111	41
Assam	89486	12882	78471	10382	3904	2022	7111	478
Bihar	76065	32858	68551	29257	5105	2882	2409	719
Chhattisgarh	35372	24476	35069	24219	-	-	303	257
Goa	9672	6830	9031	6332	524	444	117	54
Gujarat	137617	124295	117634	110381	14746	11455	5237	2459
Haryana	28203	26311	23019	22794	4608	3387	576	130
Himachal Pradesh	29617	16754	26202	15342	1639	1351	1776	61
Jammu & Kashmir	23429	9943	11922	8606	1175@	1147@	10332	190
Jharkhand	11486	2840	1413	1413	-	-	10073	1427
Karnataka	152599	104241	126609	86772	9066	7315	16924	10154
Kerala	150851	50164	130775	37988	13509	10126	6567	2050
Madhya Pradesh	160968	78191	115213	62771	14917	10467	30838	4953
Maharashtra	267452	209559	222516	188272	19932	14694	25004	6593
Manipur	11434	3863	10882	3782	135	81	417	-
Meghalaya	9565	6560	8165	6383	106	102	1294	75
Mizoram	5075	2877	4826	2867	10	10	239	-
Nagaland	21021	6451	20180	6332	96	94	725	5
Orissa	237034	52245	206238	38095	16786	9506	14010	4644
Punjab	61530	52747	46476	46476	8153	5396	6901	875
Rajasthan	132482	82456	122167	77569	6271	3987	4044	900
Sikkim	2019	1546	1918	1509	36	36	65	1
Tamil Nadu	166061	125887	146507	110781	12300	11135	7254	3971
Tripura	16296	4393	14740	4195	228	187	1328	11
Uttar Pradesh	248481	166659	159957	117353	50721	41057	37823	8269
Uttra Khand	33547	10730	16701	10202	-	-	16846	528
West Bengal	92023	49517	60528	30560	24783	17148	6712	1809
Union Territory:								
A. & N. Islands	1180	1180	1172	1172	8	8	..	-
Chandigarh	2045	2045	432	432	1613	1613	-	-
D. & N. Haveli	580	580	580	580	-	-	-	-
Daman and Diu	414	324	287	208	127	116	-	-
Delhi	25785	23274	390	390	25395	22884	-	-
Lakshadweep	150	150	149	149	1	1	-	-
Pondicherry	2571	2115	1761	1395	673	651	137	69

Source: Transport Research Wing, Ministry of Road Transport and Highways

Note :1. Data for the year 1997 and onwards excludes Jawahar Rozgar Yojna Roads.

2.Data for the year 2001& 2002 include rural roads under Pradhan Mantri Gramin Sadak Yojna.

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Table 17.2- LENGTH OF HIGHWAYS BY AUTHORITIES
(as on 31st March)

(kilometre)

Year/State/U.T.	National Highways		State Highways		Other PWD Roads		Zilla Parishad Roads	
	Total	Surfaced	Total	Surfaced	Total	Surfaced	Total	Surfaced
1	2	3	4	5	6	7	8	9
1991	33650	33399	127311	124847	509435	390931	395005	210453
1994	34249	34033	132401	129974	500615	406847	378779	222218
1995	34262	34046	134085	131506	511046	414320	431047	236719
1996	34508	34291	135187	132862	716967	567397	435716	238382
1997	34849	34637	137119	134802	758264	610512	444572	243977
1998	38517	38354	136489	134304	651509	542145	451574	247959
1999	49585	49368	137950	135679	672316	563241	456666	250995
2000	52010	51952	132797	130592	730680	601512	483137	272899
2001(P)	57737	57679	132100	129862	736001	610516	487604	275786
2002(P)	58112	58006	137711	135546	725425	603358	499462	283832
2002								
State:								
Andhra Pradesh	4038	4038	8201	8043	52838	48112	108633	44589
Arunachal Pradesh	392	381	-	-	12169	5231	-	-
Assam	2836	2836	1811	1533	26416	4733	-	-
Bihar	3502	3502	4092	4092	13947	12785	47010(b)	8878(b)
Chhattisgrah	1774	1774	3611	3523	29684	18922	-	-
Goa	269	269	226	226	4555	3851	-	-
Gujarat	2461	2461	19163	18802	52470	49515	43540(c)	39603(c)
Haryana	1361	1361	2461	2461	19197	18972	-	-
Himachal Pradesh	1188	1188	3682	3470	20772	10555	-	-
Jammu & Kashmir	823	823	688	529	7671(a)	5561(a)	-	-
Jharkhand	1413	1413	-	-	-	-	-	-
Karnataka	3570	3570	9829	9823	28286	28181	80259(c)	44670(c)
Kerala	1440	1440	3849	3584	17498	16788	-	-
Madhya Pradesh	4664	4664	8035	7986	55348	44959	-	-
Maharashtra	3626	3626	33405	33105	29058(b)	27956	156427	123585
Manipur	954	954	1118	952	6638	1814	-	-
Meghalaya	717	717	831	747	6013	4914	-	-
Mizoram	927	894	169	144	3730	1829	-	-
Nagaland	369	369	398	398	6273	945	8023	3340
Orissa	3301	3301	4050	4038	38542	30756	-	-
Punjab	1553	1553	2166	2166	42757	42757	-	-
Rajasthan	4597	4535	8516	8514	64767	56361	-	-
Sikkim	62	62	186	186	1670	1261	-	-
Tamil Nadu	3758	3758	7178	7178	48407	48398	-	-
Tripura	400	400	136	136	5569	3659	-	-
Uttar Pradesh	4942	4942	9098	9098	100971	91127	12933	6313
Uttra Khand	1075	1075	1110	1110	14516	8017	-	-
West Bengal	1951	1951	3533	3533	12565	12301	42479(d)	12775(d)
Union Territory:								
A. & N. Islands	-	-	-	-	1172	1172	-	-
Chandigarh	24	24	92	92	316	316	-	-
D. & N. Haveli	-	-	42	42	538	538	-	-
Daman and Diu	-	-	-	-	98	98	158	79
Delhi	72	72	-	-	318	318	-	-
Lakshadweep	-	-	-	-	149	149	-	-
Pondicherry	53	53	35	35	507	507	-	-

(a) As on 31st March, 1986 (d) As on 31st March, 2001.

(b) As on 31st March, 1996

(c) As on 31st March, 1999

Note : Decrease in road length in some states is due to upgradation to National Highways and State Highways.

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Table 17.2-LENGTH OF HIGHWAYS BY AUTHORITIES-Concl'd.

(as on 31st March)

(kilometre)

Year/State/U.T.	Village Panchayat roads		CD/Panchayat Samiti roads		Rural Roads Constructed under JRY		Total highways	
	Total	Surfaced	Total	Surfaced	Total	Surfaced	Total	Surfaced
1	10	11	12	13	14	15	16	17
1991	313374	45028	222909	52669	329142	148909	1930826	1006236
1994	452632	129224	153215	34006	812440	248296	2464331	1204598
1995	454138	134857	114324	29341	886076	73635	2564978	1054424
1996	406575	58929	115235	28008	916010	29934	2760198	1089803
1997	444737	84463	97794	29982	-	39474	1917335	1177847
1998	445353	84374	99432	31884	-	36342	1822874	1079020
1999	425486	69485	146258	55296	-	49568	1888261	1124064
2000	408524	53705	146695	35572	-	-	1953843	1146232
2001(P)	406150	55675	147413	36691	-	-	1967005	1166209
2002(P)	412595	57338	148104	37273	-	-	1981409	1175353
2002								
State:								
Andhra Pradesh	-	-	-	-	-	-	173710	104782
Arunachal Pradesh	4657(a)	-	-	-	-	-	12561	5612
Assam	3273	-	44135(e)	1280(e)	-	-	31063	9102
Bihar	-	-	-	-	-	-	21541	20379
Chhattisgrah	-	-	-	-	-	-	35069	24219
Goa	3981	1986	-	-	-	-	7036	6332
Gujarat	-	-	-	-	-	-	74094	70778
Haryana	-	-	-	-	-	-	23019	22794
Himachal Pradesh	-	-	560(e)	129(e)	-	-	25642	15213
Jammu & Kashmir	-	-	2740*	1693*	-	-	1511	1352
Jharkhand	-	-	-	-	-	-	1413	1413
Karnataka	4665(b)	528(b)	-	-	-	-	41685	41574
Kerala	107988 (c)	16176(c)	-	-	-	-	22787	21812
Madhya Pradesh	47166(d)	5162(d)	-	-	-	-	68047	57609
Maharashtra	-	-	-	-	-	-	193458	188272
Manipur	-	-	2172(a)	62(a)	-	-	8710	3720
Meghalaya	-	-	604(a)	5(a)	-	-	7561	6378
Mizoram	-	-	-	-	-	-	4826	2867
Nagaland	5137(e)	1300(e)	-	-	-	-	15063	5052
Orissa	139973	-	20372	-	-	-	66265	38095
Punjab	-	-	-	-	-	-	46476	46476
Rajasthan	-	-	44287(d)	8159(d)	-	-	77880	69410
Sikkim	-	-	-	-	-	-	1918	1509
Tamil Nadu	55127	26333	32037	25114	-	-	117713	110781
Tripura	8635	-	-	-	-	-	6105	4195
Uttar Pradesh	31993(a)	5853(a)	-	-	-	-	127944	111480
Uttra Khand	-	-	-	-	-	-	16701	10202
West Bengal	-	-	-	-	-	-	18049	17785
							-	-
Union Territory:								
A. & N. Islands	-	-	-	-	-	-	1172	1172
Chandigarh	-	-	-	-	-	-	432	432
D. & N. Haveli	-	-	-	-	-	-	580	580
Daman and Diu(b)	-	-	31	31	-	-	287	208
Delhi	-	-	-	-	-	-	390	390
Lakshadweep	-	-	-	-	-	-	149	149
Pondicherry	-	-	1166	800	-	-	1761	1395

Source: Transport Research Wing, Ministry of Road Transport and Highways

(a) As on 31st March 1997.

(b) As on 31st March 1993.

(c) As on 31st March 1995.

(d) As on 31st March 1996.

(e) As on 31st March 1999

* Information supplied by Kashmir Division only.

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Table 17.3-LENGTH OF URBAN ROADS BY AUTHORITIES

Year/State/ Union Territory	(as on 31st March)										(Kilometre)	
	Municipal Roads		Railways Roads		Ports Roads		Military Engineering Service Roads		Total Urban Roads		Total	Surfaced
	Total	Surfaced	Total	Surfaced	Total	Surfaced	Total	Surfaced	Total	Surfaced		
1	2	3	4	5	6	7	8	9	10	11		
1991	168169	119710	7627	6023	643	620	10360	10291	186799	136644		
1994	180891	127887	10033	8248	685	657	10404	10256	202013	147048		
1995	182937	129001	10074	8288	708	677	10858	10706	204577	148672		
1996	190240	135451	10161	8362	737	712	11782	11599	212920	156124		
1997	208541	154711	10258	8422	1047	1021	11727	11644	231573	175798		
1998	212635	157458	10282	8464	1217	1192	11921	11763	236055	178877		
1999	214475	159169	10282	8464	1226	1200	11883	11725	237866	180558		
2000	224983	166936	10322	8505	1050	984	11941	11806	248296	188231		
2001(P)	228607	170437	10319	8504	1058	986	11905	11770	252001	191797		
2002(P)	226706	168719	10325	8510	1173	1090	11918	11783	250122	190102		
2002(P)												
State:												
Andhra Pradesh	11461	8754	1392	1345	93	92	573(f)	573(f)	13519	10764		
Arunachal Pradesh	-	-	2	2	-	-	34	34	36	36		
Assam	2682	832	485	453	-	-	737(f)	737(f)	3904	2022		
Bihar	3731(b)	1820(b)	1121	809	-	-	253(f)	253(f)	5105	2882		
Chhattisgrah	-	-	-	-	-	-	-	-	-	-		
Goa	498	418	3	3	23	23	524	444		
Gujarat	13573	10407	431	314	166	160	576	574	14746	11455		
Haryana	4006	2807	135	113	-	-	467(f)	467(f)	4608	3387		
Himachal Pradesh	1151	876	12	12	-	-	476(f)	463(f)	1639	1351		
Jammu & Kashmir*	441(e)	441(e)	53	53	-	-	681(f)	653(f)	11758	11478		
Jharkhand	-	-	-	-	-	-	-	-	-	-		
Karnataka	8366(e)	6687(e)	194	170	199	154	307(f)	304(f)	9066	7315		
Kerala	13256	9880	104@	98@	35	34	114	114	13509	10126		
Madhya Pradesh	13087	8955	1164	846	-	-	666(f)	666(f)	14917	10467		
Maharashtra	17868(c)	12797©	801	645	190(f)	190(f)	1073(f)	1062(f)	19932	14694		
Manipur	122(f)	68(f)	-	-	-	-	13	13	135	81		
Meghalaya	30	26	-	-	-	-	76	76	106	102		
Mizoram	-	-	-	-	-	-	10	10	10	10		
Nagaland	-	-	12	10	-	-	84	84	96	94		
Orissa	16155	9053	481	308	107(f)	102(f)	43(f)	43(f)	16786	9506		
Punjab	6399(d)	3705(d)	278	218	-	-	1476(f)	1473(f)	8153	5396		
Rajasthan	5167(a)	2971(a)	518@	451@	-	-	586	565	6271	3987		
Sikkim	-	-	-	-	-	-	36(f)	36(f)	36	36		
Tamil Nadu	11426	10343	448@	400@	100	100	326(f)	292(f)	12300	11135		
Tripura	194(c)	157(c)	13	9	-	-	21	21	228	187		
Uttar Pradesh	48014(e)	38614(e)	1234	970	-	-	1473	1473	50721	41057		
Uttran Khand	-	-	-	-	-	-	-	-	-	-		
West Bengal	22453	15012	1241	1081	148	134	941	921	24783	17148		
Union Territory:												
A. & N. Islands	-	-	-	-	-	-	-	-	8	8		
Chandigarh	1489	1489	5	5	-	-	119(f)	119(f)	1613	1613		
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-		
Daman and Diu	25	25	-	-	-	-	-	-	127	127		
Delhi	24441(e)	21933(e)	198	195	-	-	756(f)	756(f)	25395	22884		
Lakshadweep	-	-	-	-	-	-	1(f)	1(f)	1	1		
Pondicherry	671	649	-	-	-	-	-	-	673	651		

Source: Transport Research Wing, Ministry of Road Transport and Highways.

(a) As on 31st March, 1980

(b) As on 31st March, 1984

(c) As on 31st March, 1989

(d) As on 31st March, 1992

(e) As on 31st March, 1997.

(f) As on 31st March, 1999.

* Jammu Province only.

@ The data of Railway Zones other than Kerala, Rajasthan & Tamil Nadu pertains to 1999 due to non receipt of information.

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Table 17.4-LENGTH OF PROJECT ROADS BY AUTHORITIES

(as on 31st March)

(kilometre)

Year/State/ Union Territory	Forest Department		Irrigation Department		Electricity Department		Steel Authority	
	Total	Surfaced	Total	Surfaced	Total	Surfaced	Total	Surfaced
1	2	3	4	5	6	7	8	9
1991	127385	5581	64366	13177	2997	2556	2210	1837
1994	130118	5684	70975	17760	3248	2801	2265	2017
1995	130540	5884	70975	17760	3417	2973	2276	2030
1996	140258	8294	70975	17760	3417	2973	2412	2160
1997	143322	8966	73534	18903	4423	3836	2438	2199
1998	161954	9662	73803	19145	4583	3978	2437	2198
1999	162508	9666	74017	19051	4657	4049	2446	2206
2000	119701	13317	61247	21382	4349	3960	2454	2212
2001(P)	129205	13456	61475	21637	4356	3961	2461	2225
2002(P)	130346	13916	61627	19496	4369	3984	2470	2249
2002(P)								
State:								
Andhra Pradesh	7032	2861	783(b)	436(b)	144(a)	140(a)	-	-
Arunachal Pradesh	1111	41	-	-	-	-	-	-
Assam	6076	270	780	21	190	144	-	-
Bihar	1690	-	-	-	430	430	-	-
Chhattisgrah	-	-	-	-	35	35	268	222
Goa	117	54	-	-	-	-	-	-
Gujarat	1474	709	3525(b)	1528(b)	238(a)	222(a)	-	-
Haryana	459	16	-	-	117	114	-	-
Himachal Pradesh	1713	22	-	-	63	39	-	-
Jammu & Kashmir	10017	68	315©	122©	-	-	-	-
Jharkhand	8604	14	-	-	149	146	555	502
Karnataka	2582(b)	505(b)	9731	6250	241	160	121	118
Kerala	4132	782	2307	1141	128	127	-	-
Madhya Pradesh	26955	2554	2159	797	569	543	535	473
Maharashtra	10363	2293	2056 (f)	1265 (f)	-	-	7	6
Manipur	417(d)	-	-	-	-	-	-	-
Meghalaya	1081	4	143	4	70©	67©	-	-
Mizoram	239	-	-	-	-	-	-	-
Nagaland	725	5	-	-	-	-	-	-
Orissa	7267	370	6277(b)	3847(b)	64	61	402	366
Punjab	701	-	5740	455	460	420	-	-
Rajasthan	2925(d)	-	899	688	212	212	8	-
Sikkim	65©	1©	-	-	-	-	-	-
Tamil Nadu	3476	1438	1472(a)	308(a)	671	594	88	88
Tripura	1328	11	-	-	-	-	-	-
Uttar Pradesh	8606	955	24169(b)	2294(b)	240	212	-	-
Uttra Khand	16846(e)	528(e)	-	-	-	-	-	-
West Bengal	4345(a)	415(a)	1271(a)	340(a)	348	318	486	474
Union Territory:								
A. & N. Islands	-	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-	-

(a) As on 31st March, 1999

(b) As on 31st March, 1997

(c) As on 31st March, 1996

(d) As on 31st March, 1990

(e) As on 31st March, 2000

(f) As on 31st March, 1978.

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Table 17.4-LENGTH OF PROJECT ROADS BY AUTHORITIES-Concl'd.
(as on 31st March)

(kilometre)

Year/State/ Union Territory	Coal Mines Authority		Sugarcane Deve- lopment authority		Total Project Roads	
	Total	Surfaced	Total	Surfaced	Total	Surfaced
1	10	11	12	13	14	15
1991	2338	1911	10441	5306	209737	30368
1994	3085	2823	14915	8650	224606	39735
1995	3320	3058	14953	8688	225481	40393
1996	3444	3155	25256	9375	245673	45091
1997	3876	3444	22287	11608	249880	48956
1998	3909	3478	22741	12062	269427	50523
1999	3923	3493	22972	12293	270523	50758
2000	2955	2797	23121	12373	213827	56041
2001(P)	2928	2771	23240	12491	223665	56541
2002(P)	2985	2819	23319	12570	225116	55034
2002						
State:						
Andhra Pradesh	984	874	-	-	8943	4311
Arunachal Pradesh	-	-	-	-	1111	41
Assam	65	43	-	-	7111	478
Bihar	289(a)	289(a)	-	-	2409	719
Chhattisgrah	765	765	-	-	-	-
Goa	-	-	-	-	117	54
Gujarat	-	-	-	-	5237	2459
Haryana	-	-	-	-	576	130
Himachal Pradesh	-	-	-	-	1776	61
Jammu & Kashmir	-	-	-	-	10332	190
Jharkhand	-	-	-	-	-	-
Karnataka	-	-	4249(b)	3121(b)	16924	10154
Kerala	-	-	-	-	6567	2050
Madhya Pradesh	620*	586*	-	-	30838	4953
Maharashtra	-	-	12578(c)	3029(c)	25004	6593
Manipur	-	-	-	-	417	...
Meghalaya	-	-	-	-	1294	75
Mizoram	-	-	-	-	239	...
Nagaland	-	-	-	-	725	5
Orissa	-	-	-	-	14010	4644
Punjab	-	-	-	-	6901	875
Rajasthan	-	-	-	-	4044	900
Sikkim	-	-	-	-	65	1
Tamil Nadu	-	-	1547	1543	7254	3971
Tripura	-	-	-	-	1328	11
Uttar Pradesh	-	-	4808	4808	37823	8269
Uttra Khand	-	-	-	-	-	-
West Bengal	262	262	-	-	6712	1809
Union Territory:						
A. & N. Islands	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-
Delhi	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-
Pondicherry	-	-	137	69	137	69

Source: Transport Research Wing, Ministry of Road Transport and Highways

(a) Eastern coalfield Ltd. (ECL) and Central Coalfield Ltd. (CCL) roads are shown in Jharkhand State .

(b) As on 31st March, 1999.

(c) As on 31st March, 1997.

* Figures of western coalfield Ltd. Is not available separately for Madhya Pradesh & Maharashtra.

ROADS

Table 17.5-LENGTH OF NATIONAL AND STATE HIGHWAYS-BY WIDTH

(as on 31st March)

(Kilometre)

Year/State	Surfaced Length of National Highways					Surfaced Length of State Highways				
	Below standard single lane	Standard single lane	Standard double lane	Standard multi lane	Total	Below standard single lane	Standard single lane	Standard double lane	Standard multi lane	Total
1	2	3	4	5	6	7	8	9	10	11
1991	1691	8925	21856	927	33399	33131	69944	20666	1106	124847
1994	1777	6670	23813	1773	34033	22375	53498	21210	1506	129974
1995	1731	6396	24072	1847	34046	22798	53825	21935	1563	131506
1996	3458	3917	25745	1171	34291	47635	56214	28265	748	132862
1997	2249	5833	23104	1409	34637	24851	41848	19413	1895	134802
1998	2308	4715	29753	1576	38354	22063	47618	23578	1927	134304
1999	2589	6040	28767	3691	41087	21692	47325	24841	1934	135679
2000	-	18789	31748	1473	52010	18843	70116	28761	1638	130587
2001(P)	-	22444	33969	1266	57679	22869	66000	29320	1585	129862
2002(P)	-	19190	36510	2306	58006	21115	68604	32237	2020	135546
2002										
State:										
Andhra Pradesh	-	348	3617	73	4038	2297	866	4880	-	8043
Arunachal Pradesh	-	381	-	-	381	-	-	-	-	-
Assam	-	848	1988	-	2836	-	1533(b)	-	-	1533
Bihar	-	2196	1291	15	3502	2177©	1320©	435©	160©	4092
Chattisgarh	-	891	877	6	1774	2410	862	235	16	3523
Goa	-	121	148	-	269	-	146	80	-	226
Gujarat	-	-	1954	507	2461	1281	9948	6968	605	18802
Haryana	-	555	456	350	1361	121	1445	831	64	2461
Himachal Pradesh	-	825	363	-	1188	1476(d)	694(d)	1300(d)	-	3470
Jammu & Kashmir	-	97	726	-	823	-	529(a)	-	-	529
Jharkhand	-	829	541	43	1413	-	-	-	-	-
Karnataka	-	1617	1842	111	3570	-	8875	948	-	9823
Kerala	-	516	890	34	1440	-	-	-	-	3584\$
Madhya Pradesh	-	1396	3217	51	4664	-	-	-	-	7986\$
Maharashtra	-	314	3092	220	3626	3428	24212	4753	712	33105
Manipur	-	734	211	9	954	48(e)	812(e)	79(e)	13(e)	952
Meghalaya	-	428	289	-	717	16	707	24	-	747
Mizoram	-	894	-	-	894	-	144	-	-	144
Nagaland	-	268	101	-	369	-	398©	-	-	398
Orissa	-	1603	1665	33	3301	311(e)	3329(e)	398(e)	-	4038
Punjab	-	-	1389	164	1553	80©	480©	1581©	25©	2166
Rajasthan	-	1654	2632	249	4535	1591	5223	1700	-	8514
Sikkim	-	62	-	-	62	-	186	-	-	186
Tamil Nadu	-	367	3292	99	3758	-	2724	4234	220	7178
Tripura©	-	400	-	-	400	136©	-	-	-	136
Uttar Pradesh	-	581	4189	172	4942	3713	1891	3404	90	9098
Uttara Khand	-	760	315	-	1075	626	299	184	1	1110
West Bengal	-	505	1361	85	1951	1404	1938	169	22	3533
Union Territory:										
A. & N. Islands	-	-	-	-	-	-	-	-	-	-
Chandigarh	-	-	11	13	24	-	-	3	89	92
D. & N. Haveli	-	-	-	-	-	-	34	8	-	42
Daman and Diu	-	-	-	-	-	-	-	-	-	-
Delhi	-	-	-	72	72	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Pondicherry	-	-	53	-	53	-	9	23	3	35

Source: Transport Research Wing, Ministry of Road Transport and Highways

(a) As on 31st March 1986.

(b) As on 31st March 1995.

(c) As on 31st March 1996.

(d) As on 31st March 1998.

(e) As on 31st March 1999.

Note: SSL includes BSSL

ROADS

TABLE 17.6-GROWTH OF NATIONAL HIGHWAYS IN INDIA AND CENTRAL GOVERNMENT EXPENDITURE INCURRED THERE-ON

Year/State/U.T./ Authority	Length of National highways (km.) (as on 31st March)	Expenditure on National highways (Rs.Million)	
		Development	Maintenance
1	2	3	4
1990-91	33650	3901	1692
1993-94	34249	4864	2071
1994-95	34262	6303	2469
1995-96	34508	6043	2844
1996-97	34849	6239	3713
1997-98	38517	12415	4975
1998-99	49585	13130	5498
1999-00	52010	9725	6339
2000-01	57737	12110	6349
2001-02	58112	16114	6774
2002-03	58112	14252	6201
2002-03			
State:			
Andhra Pradesh	4038	1088	327
Arunachal Pradesh	392	-	-
Assam	2836	729	246
Bihar	3502	583	222
Chhattisgarh	1774	624	228
Goa	269	111	40
Gujarat	2461	753	104
Haryana	1361	536	88
Himachal Pradesh	1188	215	108
Jammu & Kashmir	823	40	8
Jharkhand	1413	268	154
Karnataka	3570	904	451
Kerala	1440	700	291
Madhya Pradesh	4664	827	394
Maharashtra	3626	1120	472
Manipur	954	140	54
Meghalaya	717	162	51
Mizoram	927	201	58
Nagaland	369	120	18
Orissa	3301	434	387
Punjab	1553	449	94
Rajasthan	4597	912	297
Sikkim	62	-	-
Tamil Nadu	3758	974	380
Tripura	400	-	-
Uttar Pradesh	4942	1200	297
Uttarakhand	1075	195	43
West Bengal	1951	806	198
Union Territory			
A. & N. Islands	-	-	-
Chandigarh	24	23	2
D. & N. Haveli	-	-	-
Daman and Diu	-	-	-
Delhi	72	40	-
Lakshadweep	-	-	-
Pondicherry	53	19	6
Ministry/BRDB/NHAI/Other Instt.	-	59	1184

Source: Transport Reserch Wingh, Ministry of Road Transport & Highways.

TABLE NUMBER 17.2

TOTAL AND SURFACED LENGTH OF HIGHWAYS

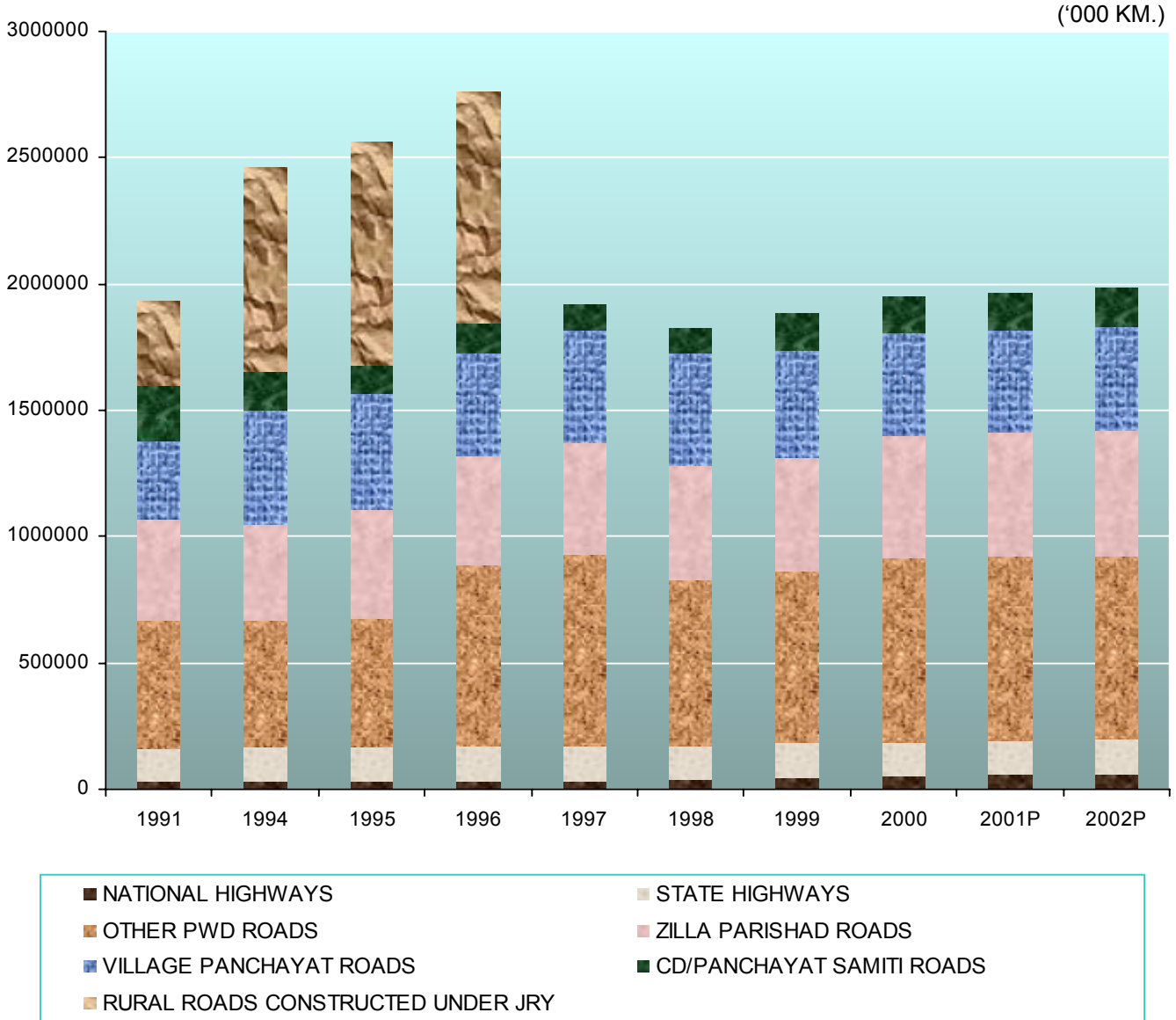


TABLE NUMBER 17.6

GROWTH OF NATIONAL HIGHWAYS AND CENTRAL GOVT. EXPENDITURE

