

Table 12.1

GROWTH OF MOTOR VEHICLES IN DELHI

Items	1990-91	1995-96	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
1	2	3	4	5	6	7	8	9
Number of Vehicles	1812967	2629645	3375153	3617853	3886072	4160760	4467154	4830136
Increase in number of Vehicles	175365	197350	211588	242700	268219	274688	306394	362982
Annual Growth (%)	10.71	8.11	8.05	7.19	7.41	7.07	7.36	8.13
Numbr of Vehicles per 1000 Population	192	231	244	254	265	270	282	295

Source : Transport Department, Government of NCT of Delhi.

Table 12.2
MOTOR VEHICLES IN DELHI

Type of Vehicles	1990-91	1995-96	2000-01		2001-02		2002-03		2003-04		2004-05		2005-06	
			During	Cumu- lative	During	Cumu- lative	During	Cumu- lative	During	Cumu- lative	During	Cumu- lative	During	Cumu- lative
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Cars & Jeeps	398479	633802	84482	957925	89123	1047048	92705	1139753	104006	1243759	115514	1359273	112585	1471858
Motor Cycles & Scooters	1220640	1741260	121465	2199051	140872	2339923	162561	2502484	156965	2659449	180389	2839838	238822	3078660
Ambulance			77	1498	132	1630	90	1720	137	1857	124	1981	107	2088
Auto Rickshaws	63005	79011	0	70145	1	70146	0	70146	3292	73438	750	74188	0	74188
Taxis	10157	13765	1059	9604	3294	12898	1969	14867	1366	16233	1904	18137	2509	20646
i. Buses	18858	27889	1467	16981	3522	20503	2314	22817	1256	24073	724	24797	714	25511
ii. Other			964	6577	2842	9419	3374	12793	1939	14732	1634	16366	2012	18378
Passanger vehicles														
Tractors	5	4595	26	4621	35	4656	41	4697	68	4765	46	4811		
Goods Vehicles	101828	133918	2053	102982	2880	105862	5171	111033	5686	116719	5287	122006	6187	128193
Others			16	5795	8	5803	0	5803	0	5803	0	5803	0	5803
Total	1812967	2629645	211588	3375153	242700	3617853	268219	3886072	274688	4160760	306394	4467154	362982	4830136

Source : Transport Department, Government of NCT of Delhi.

Table 12.3

TYPE OF MOTOR VEHICLES IN DELHI AS % SHARE

Type of Vehicle	1990-91	1995-96	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
1	2	3	4	5	6	7	8	9
Cars & Jeeps	21.98	24.10	28.38	28.94	29.33	29.89	30.43	30.47
Motor Cycles & Scooters	67.32	66.23	65.15	64.68	64.40	63.92	63.57	63.74
Ambulance			0.04	0.04	0.04	0.04	0.04	0.04
Auto Rickshaws	3.48	3.00	2.08	1.94	1.8	1.77	1.66	1.54
Taxies	0.56	0.52	0.29	0.36	0.38	0.39	0.41	0.43
i.Buses	1.04	1.06	0.50	0.57	0.59	0.58	0.55	0.53
ii. Other Passanger vehicles			0.20	0.26	0.33	0.35	0.37	0.38
Tractors			0.14	0.13	0.12	0.11	0.11	0.10
Goods Vehicles	5.62	5.09	3.05	2.92	2.86	2.81	2.73	2.65
Others			0.17	0.16	0.15	0.14	0.13	0.12
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Source : Transport Department Government of NCT Delhi.

Table 12.4
ANNUAL GROWTH RATE OF MOTOR VEHICLES

Type of Vehicle	1994-95	1995-96	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
1	2	3	4	5	6	7	8	9
Cars & Jeeps	14.26	13.31	9.21	9.06	8.96	8.84	8.74	8.66
Motor Cycles & Scooters	10.66	9.68	6.48	6.06	5.78	5.54	5.36	5.41
Auto Rickshaws	10.37	9.09	2.29	0.98	(-)0.05	(-)0.65	(-)1.11	(-)1.39
Taxis	4.08	4.73	3.55	2.11	1.39	1.12	1.26	1.93
i. Buses	7.04	7.38	5.19	3.79	3.18	3.23	3.31	3.63
ii. Other Passenger vehicles								
Tractors	8.69	7.74	2.99	1.22	(-)0.09	(-)1.04	(-)1.64	(-)1.71
Goods Vehicles								
Total	11.18	10.25	6.85	6.44	6.18	5.96	5.81	5.84

Source : Transport Department, Government of NCT of Delhi Base Year 1984-85

Table 12.5
MAN / ANIMAL DRIVEN VEHICLES IN DELHI

(A) M.C.D							
	1993-1994	1995-96	1997-98	1999-2000	2001-02	2003-04	2004-05
1	2	3	4	5	6	7	8
Rickshaws @	45963	46386	56849	70401	15182	49838	66195
Tangas	867	679	585	497	473	400	422
Rehras	190	131	70	40	38	58	62
Hand Carts	4998	5515	5247	4932	951	5073	5239
Bullock Carts	442	426	316	280	358	391	379
Cycle, Rickshaws, Trollies	35576	42339	65321	83541	123926	134023	135872
Total	88036	95476	128388	159691	140928	189783	208169
(B) Delhi Cantt. (Rickshaws)		155	197	232	132	132	115

Source : Delhi Statistical Hand Book - 2006, Dte. of Eco. & Stat., Government of NCT of Delhi

@ : Registered only

Table 12.6
GROWTH OF ROADS IN DELHI

(In Km.)

Agency	1980-81	1990-91	1995-96	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
1		2	3	4	5	6	7	8	9 10
MCD	12129	18673	22769	24885	24885	27139	27139	27139	27139
NDMC	1191	1289	1298	1299	1299	1299	1550	1550	1550
DCB	124	143	144	144	144	144	144	144	144
PWD									
(I) National Highways	302	324	337	388	388	182*	182	182	182
(ii) Other Roads	570	1135	1400	1792	1792	1934	1934	2168	2168
Total	14316	21564	25948	28508	28508	30698	30949	31183	31183

Source : Delhi Statistical Hand Book -2006, Dte. of Eco. & Stat., Government of NCT of Delhi and concerned departments /agencies.

* Reduction due to transfer of NH-8, NH-1 & NH-2 from PWD to NHAI

Table 12.7
AVAILABILITY OF ROADS IN DELHI

(In Km.)

Item	1995-96	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
Total length of road	25948	28508	28508	30698	30949	31183	31183
Average length of road per 100 Sq. km	1749	1922	1922	2070	2087	2103	2103
Road length per 1000 population	2.21	2.06	2.00	2.09	2.05	2.00	1.94
Road length per 1000 vehicles	9.87	8.45	7.88	7.90	7.44	6.98	6.46

Source : Delhi Statistical Hand Book, 2006, Dte. of Eco & Stat. Government of NCT of Delhi and concerned departments/ agencies.

Table 12.8**KEY INDICATORS OF PERFORMANCE OF DTC**

Item	Unit	1995-96	2000-01	2001-2002	2002-03	2003-04	2004-05
Total fleet	No.	2770	1932	3286	3082	3656	3470
Fleet utilisation	%	53.71	54.76	71.68	79.85	85.49	83.98
Vehicle utilisation (on an average fleet on road) Km/ bus/ day		269	245	211	214	224	230
Load factor	%	84.91	84.31	82.66	72.51	65.33	67.72
Passengers carried	Million	578	775	854	918	964	1057

Source : DUEIP 2021 & DTC.

Table-12.9

Identified Multi Modal Public Transit Corridors

Metro Corridors	
1	Rithala - Barwala - Bawana
2	Narela- Bawana- Najafgarh- Kakraula
3	Mundka - Ghevra - Delhi Border
4	Dwarka Sector - 6 Shahabad Mohammadpur
5	Jahangir Puri - Dhaula Kuan - Moolchand - Nehru Place - Kalindi Kunj
6	Jahangir Puri - Sagarpur
LRT Corridors	
7	Qutub Minar - Vasant Kunj - IGI - Shahabad Mohammadpur
8	Pulbangash - RML - Dhaula Kuan
9	Badarpur - Qutub Minar
10	Vasant kunj - R. K. Puram Sector - 1 - Ashoka Hotel - Central Secretariat
11	Malviya Nagar - Asiad Villager - South Extension - J.L.N Stadium - India Gate
12	Dhauila Kuna - Old Gurgaon - Kapashera Border
Monorail Corridors	
13	Shakti Nagar - Wazirpur - Budh Vihar
14	Delhi University - Shakti Nagar - Anand Prabat - Ajmeri Gate - Delhi Gate - Red Fort - SPM Marg -
15	Kondli Scope Tower - Geeta Colony - Darya Ganj
HCBS Corridors	
16	kondli - Gokupluri
17	Nand Nagri - Yamuna Marginal Bund - Wazirabad
18	Shastri Park Metro Station - Bhajanpura - Karawal Nagar
19	Ashram - Sarai Kale Khan - Ghazipur - Dilshad Garden - Nand Nagri
20	Punjabi Bagh - ESI - Ranhola
21	Ranhola - Hospital - Shyam Park
22	Mathura Road (Jamia) - Kalindi Kunj
23	Andheria Mor - Dera Mandi
24	Andheria Mor - Fatehpur Beri
25	GTB Nagar - Kamalpur - Hiranki - Bakhtawarpur
26	Bakhtawarpur - Singhola - Narela
27	Sanoth - Khera Khurd
28	Najafgarh - Ibrahimpur

29	Khanjhwala - Bawana
30	Mundka - Puth Khurd
31	Rajendra Nagar - Pragati Maidan
32	Najafgarh - Rajokari
33	Najafgarh - Khaira
34	Najafgarh - Gopal Nagar
35	Palam Riy. Stn. - Domestic Airport - NH-8
36	NSIT - Dwarka - Dabri Mod
37	Sankaracharya Chowk - Palam Airport
38	Chhawal - Dabri Mod
39	Jamia - Tilak Nagar
40	Moolchand - Jahangirpuri
41	Budh Vihar - Kanjhwala
	IRBT Corridors
42	Pulbangash - Sabzi Mandi - Narela
43	Badarpur - Tilak Birdge

Table:- 12.10

STUDIES CONDUCTED FOR TRANSPORT PLANNING IN DELHI

SN	Name of the Study	Year	Department / Agency who conducted the Study
1	Comprehensive Traffic Management Study for NDMC Area	1986	NDMC
2	Traffic Management Study for Walled City Area	1987	Transport Department, Delhi
3	Study on Traffic Signals	1987	Delhi Police
4	Improvement of Ring Road as Expressway	1991	PWD
5	Study on Metropolitan City Center	1995	NDMC
6	Studies for Planning of MRTS	1990-1995	MUD/Indian Railways / GNCTD
7	Route Rationalisation Study for Buses	1997	DTC
8	Feasibility Studies for Bridges across Yamuna		PWD
9	Pilot Study for Traffic Improvement Plan	1997	Transport Department, GNCTD
10	Commuter Travel in NCR and Delhi	1998	Northern Railway
11	Working Group Reports on Arterial Roads	1997	Transport Department, GNCTD
12	Cycle Master Plan	1998	Transport Deptt. [TRIPP-IIT, Delhi]
13	Delhi Transport Ills & Remedies	1999	Transport Deptt.
14	Integrated Transport and Traffic Management – Future Directions [DUEIIP-21 – Report No.4]	2001	Planning Department & Min. of Environment, GoI
15	Techno Feasibility Study of IRBT Corridors	2002	Transport Deptt. [RITES]
16	Study of IDTR	2003	Transport Deptt. [National Institute of Administration, Mussorie]
17	Signages System of Flyovers in Delhi	2003	Transport Deptt. [CRRRI]
18	MRTS Phase-II	2002	Transport Deptt [RITES]
19	Study of 5 Corridors of HCBS and 2 Corridors of ETB	2003	Transport Deptt [RITES & TRIPP-IIT Delhi]
20	Restructuring of DTC	2003	Transport Deptt. [Tata Consultancy Services]
21	Evaluation of RTVs	2003	Transport Deptt. [Foundation Innovations of Technology Transfer]

SN	Name of the Study	Year	Department / Agency who conducted the Study
22	Subway Policy	2003	PWD
23	Project Development Consultancy for 2 ISBTs at Dwarka and Narela	2005 (for Dwarka only)	Transport Deptt. [RITES]
24	Congestion and Parking problems of 16 places identified by Delhi Traffic Police	2005	Transport Deptt. [CRRRI &DMRC]
25	Planning for Inter-City Traffic in Delhi	2005	Transport Deptt. [RITES]
26	Feasibility Study of Elevated Corridor on Ring Road.	2005	Transport Deptt. [IL & FS]