

THE STUDY  
ON  
DEVELOPMENT PLAN  
FOR  
THE NEW DELHI RAILWAY STATION  
IN  
INDIA

FINAL REPORT  
APPENDIX

DECEMBER 1989

JAPAN INTERNATIONAL COOPERATION AGENCY  
(JICA)



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THE NEW DELHI RAILWAY STATION IN INDIA

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APPENDIX

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APPENDIX**

**DECEMBER 1989**

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1 - 1 Seventh Plan Outlay on Transport

(Rs. in crores)

Sub-Sector	Centre	States including U.Ts	Total
Railways	12334.30	0.25	12334.55
Roads	1019.75	4180.29	5200.04
Road Transport	203.92	1786.18	1990.10
Ports (Including Lighthouses)	1134.79	125.63	1260.42
Shipping	693.42	133.46	826.88
Inland Water Transport	155.00	70.73	225.73
Civil Aviation	730.21	27.63	757.84
<b>TOTAL</b>	<b>16271.39</b>	<b>6324.17</b>	<b>22595.56</b>

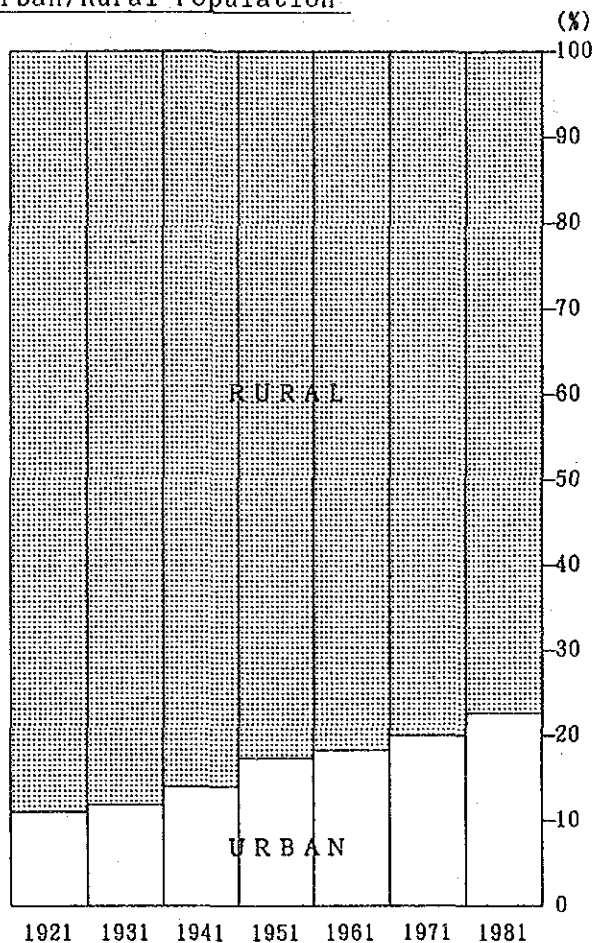
1 - 2 Railways-Plan Headwise Outlays

(Rs. in crores)

1. Rolling stock	4290.30
2. Workshops & sheds	1200.00
3. Machinery and plant	
4. Track Renewals	2500.00
5. Bridge Works	284.00
6. Line capacity works	1300.00
7. Signalling and Safety	400.00
8. Freight Operation's Information System	400.00
9. Electrification	830.00
10. Other Electrical works	80.00
11. New Lines	350.00
12. Staff Quarters	
13. Staff Welfare	175.00
14. User's amenities	
15. Other specified works	
16. Railway Research	25.00
17. Inventories	100.00
18. Metropolitan Transport Projects	400.00
<b>TOTAL</b>	<b>12334.30</b>

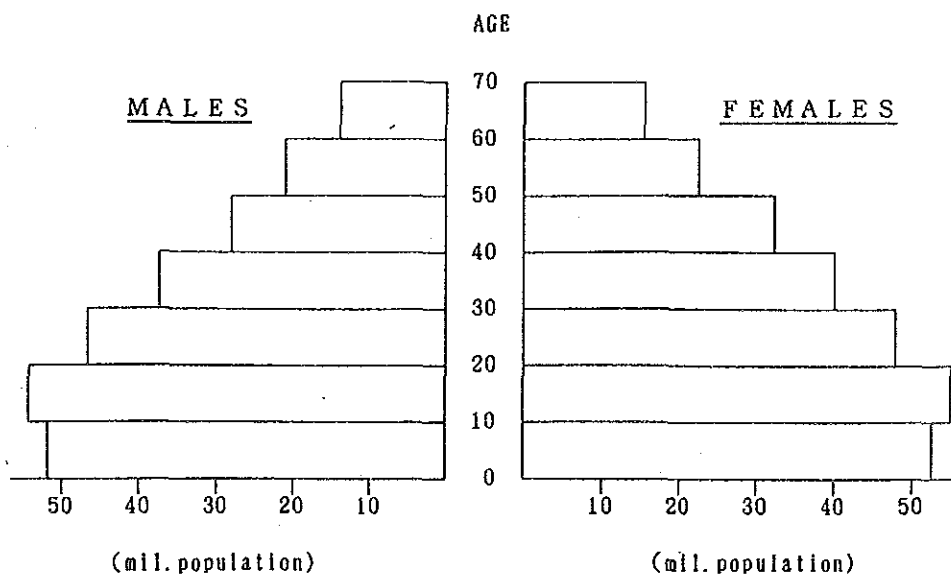


1 - 4 Ratio of Urban/Rural Population



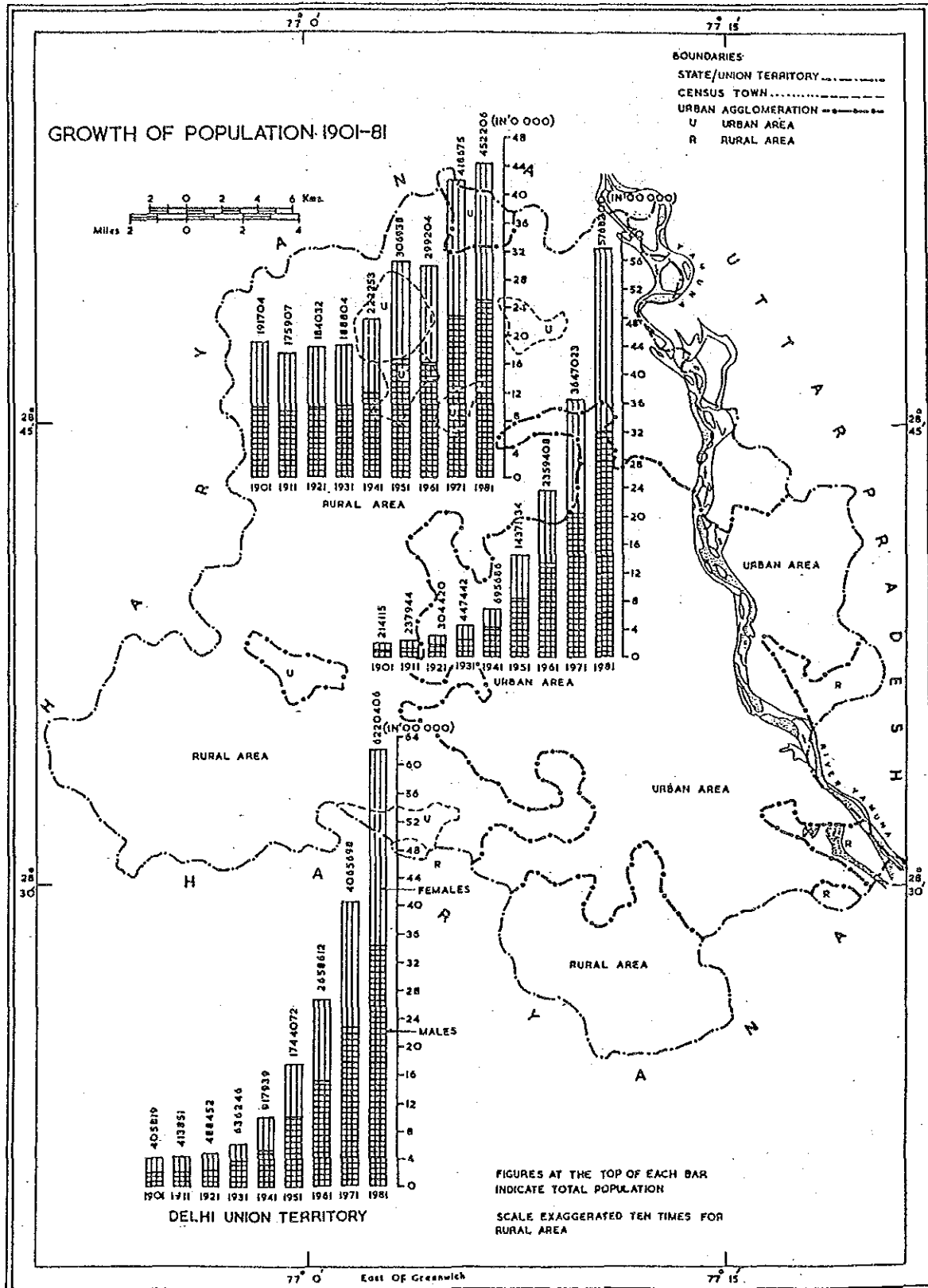
Ratio of Urban/Rural Population

1 - 5 Population Structure in 1981

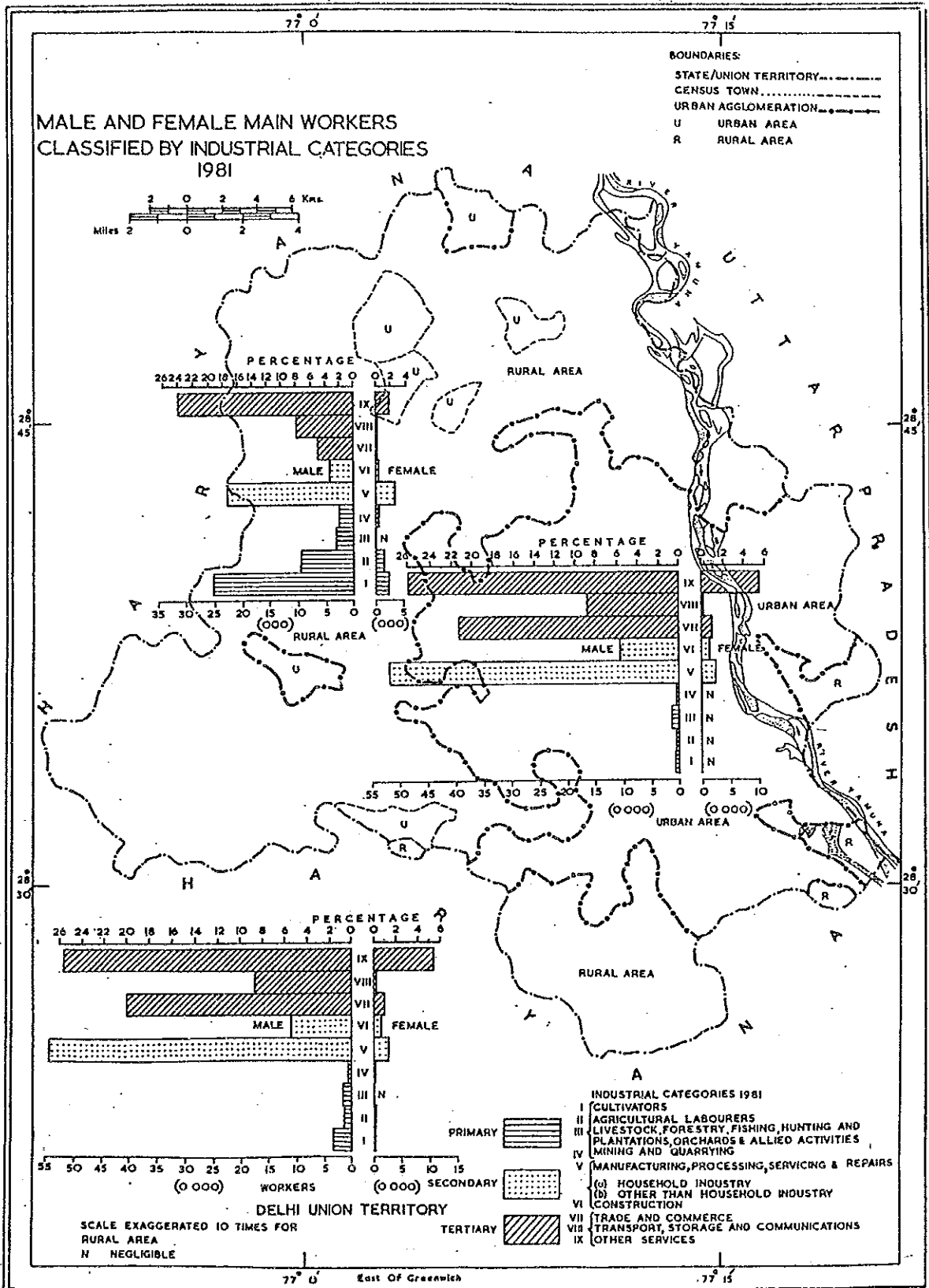


Population Structure in 1981

UNION TERRITORY OF DELHI

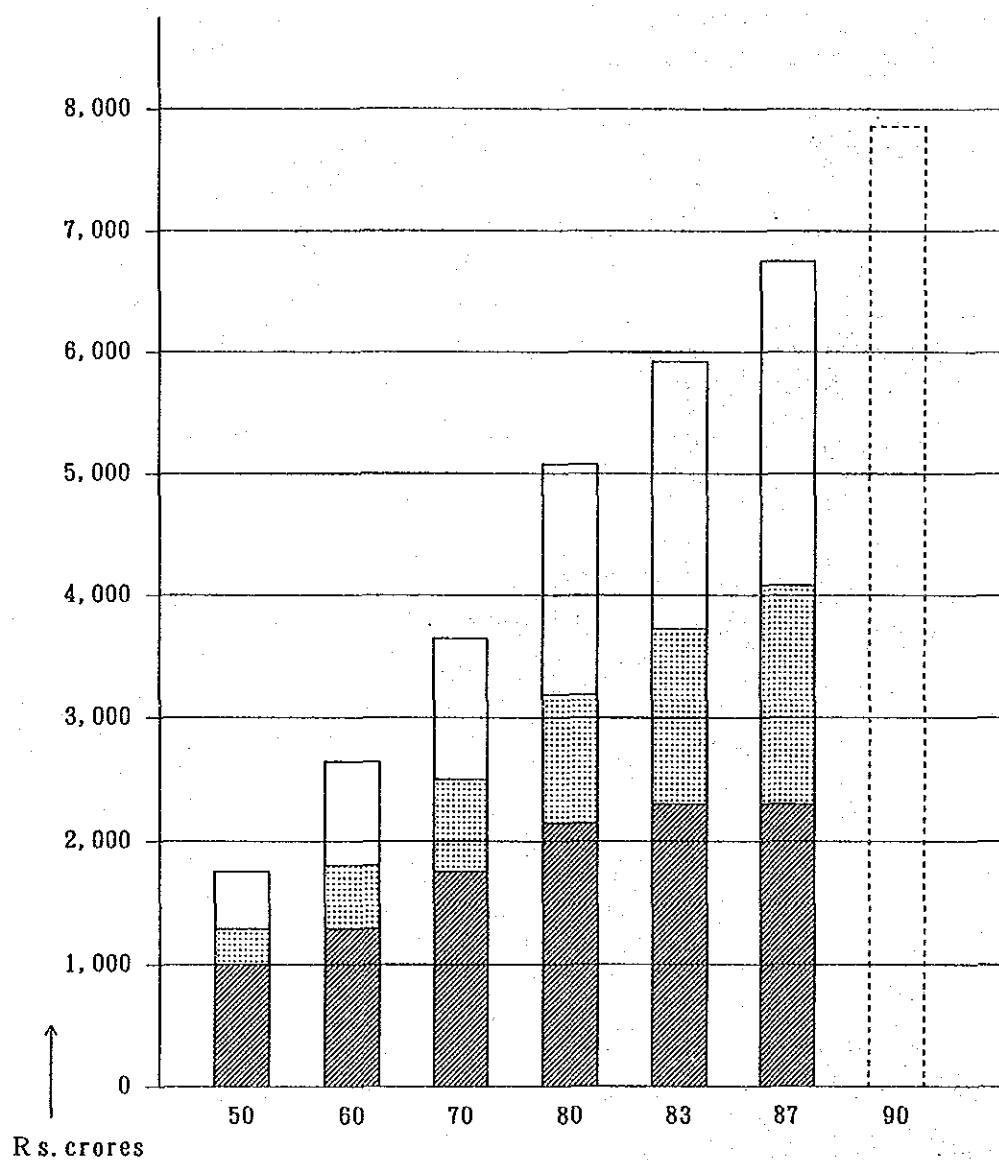




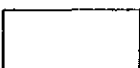
UNION TERRITORY OF DELHI



1 - 8 Trend of Gross Domestic Product by Economic Sector

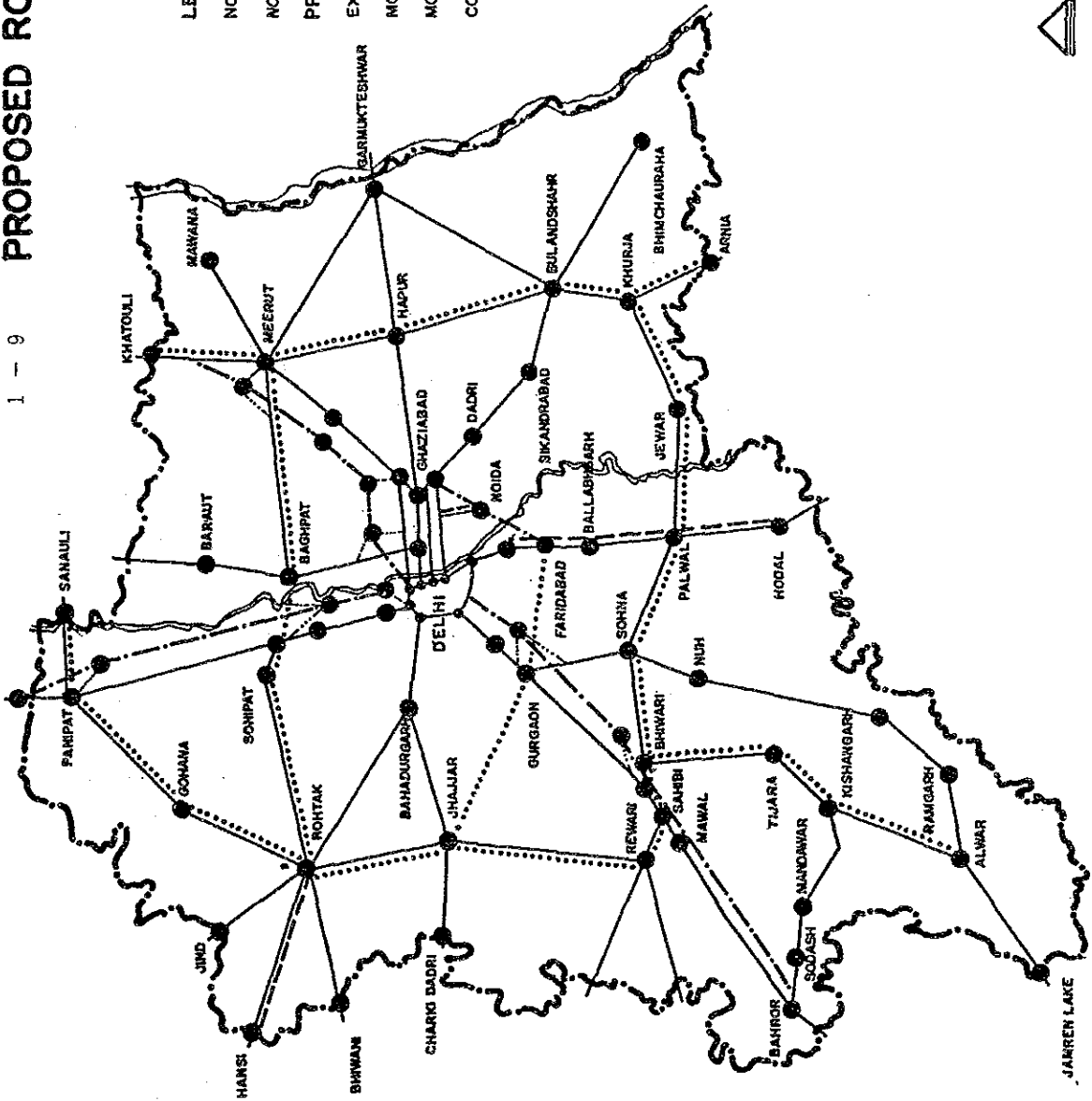
TREND OF GROSS DOMESTIC PRODUCT BY  
ECONOMIC SECTOR (at 1970/71 prices)



Note :  Primary Sector  
 Secondary Sector  
 Tertiary Sector

# PROPOSED ROAD NETWORK

1 - 9



- LEGEND**
- NCR BOUNDARY
  - NODES
  - PROPOSALS
  - EXPRESSWAY
  - MOTORWAY I
  - MOTORWAY II
  - CONNECTOR







## 2 - 1 Railway Passenger Flows

Railway passenger flows along the main links (Fig.2.1) are shown in Tables 2.1 and 2.2. The current values have been adjusted based macro on model concept, therefore, they may differ from the actual values to some extent.

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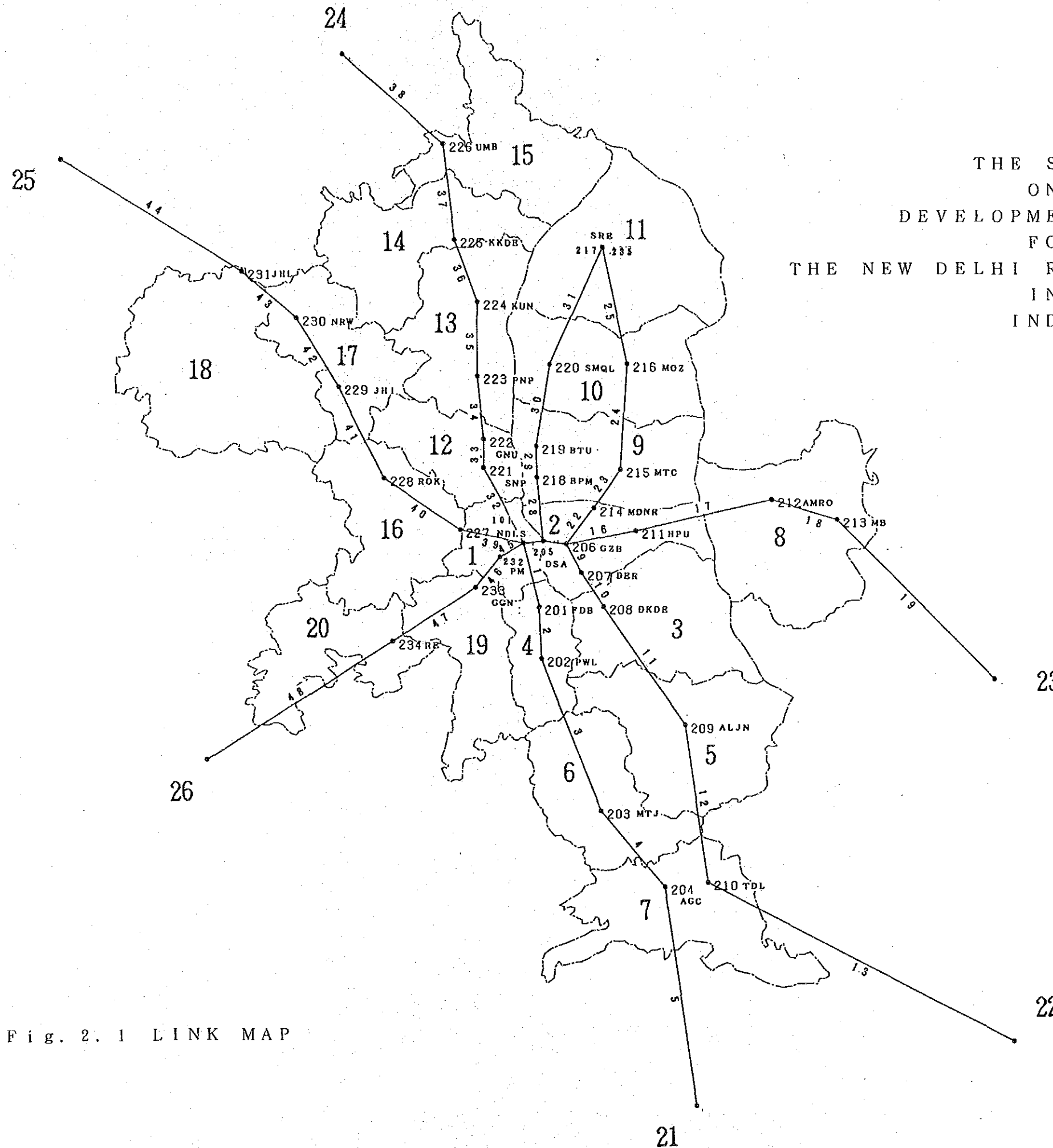


Fig. 2.1 LINK MAP



Table 2.1 Railway Passengers Flow for the Year 1986-1987

LINK	ST.1	ST.2	1 → 2	MAIL/EXP	L/EXP	LOCAL	TOTAL	2 → 1	MAIL/EXP	L/EXP	LOCAL	TOTAL
1	161 (NDLS)	201 (FDB)	---	20706.	0.	16942.	37648.	---	20711.	0.	16946.	37657.
2	201 (FDB)	202 (PWL)	---	21935.	0.	12882.	34817.	---	21942.	0.	12886.	34828.
3	202 (PWL)	203 (MTJ)	---	21331.	0.	1855.	23186.	---	21338.	0.	1856.	23194.
4	203 (MTJ)	---	---	17529.	0.	1524.	19053.	---	17535.	0.	1525.	19060.
5	101 (NDLS)	237 (SBB)	---	25816.	0.	22894.	48710.	---	25815.	0.	22893.	48708.
7	101 (NDLS)	237 (SBB)	---	25815.	0.	22893.	48708.	---	25816.	0.	22894.	48710.
9	206 (GZB)	207 (DER)	---	5985.	0.	4804.	23018.	---	17035.	0.	5985.	23020.
10	207 (DER)	208 (DKDE)	---	17351.	0.	3305.	20655.	---	17356.	0.	3306.	20662.
11	208 (DKDE)	---	---	15149.	0.	2885.	18034.	---	15152.	0.	2886.	18038.
12	209 (ALJN)	210 (TDL)	---	5846.	0.	4063.	9909.	---	5845.	0.	9907.	9910.
16	206 (GZB)	211 (HPU)	---	5412.	0.	2104.	7516.	---	5409.	0.	2103.	7512.
17	211 (HPU)	212 (AMRO)	---	4216.	0.	1640.	5856.	---	4215.	0.	1639.	5854.
18	212 (AMRO)	213 (MB)	---	5455.	0.	4464.	9919.	---	5454.	0.	4453.	9917.
22	206 (GZB)	214 (MDNR)	---	4739.	0.	3877.	8616.	---	4738.	0.	8614.	8614.
23	214 (MDNR)	215 (MTC)	---	3660.	0.	2994.	6654.	---	3659.	0.	2993.	6652.
24	215 (MTC)	216 (MOZ)	---	1777.	0.	1581.	4273.	---	1777.	0.	1581.	4272.
25	216 (MOZ)	217 (SRE)	---	3423.	0.	1044.	2821.	---	3423.	0.	1043.	2820.
26	217 (SRE)	205 (DSA)	---	969.	0.	3035.	6458.	---	969.	0.	3036.	6459.
27	101 (NDLS)	218 (DSA)	---	767.	0.	5489.	5113.	---	767.	0.	5490.	5490.
28	205 (DSA)	219 (BPM)	---	463.	0.	2626.	3089.	---	463.	0.	2627.	3090.
29	218 (BPM)	220 (BTU)	---	220.	0.	1250.	1470.	---	220.	0.	1250.	1470.
30	219 (BTU)	221 (SNP)	---	8599.	0.	9697.	18296.	---	8595.	0.	18288.	18288.
31	220 (SNP)	222 (GMP)	---	6882.	0.	7760.	14542.	---	6880.	0.	14539.	14539.
32	101 (NDLS)	223 (GMP)	---	5164.	0.	5824.	10988.	---	5165.	0.	5825.	10990.
33	221 (SNP)	224 (KUN)	---	8614.	0.	5059.	13673.	---	8615.	0.	13674.	13674.
34	222 (GMP)	225 (KKDE)	---	7191.	0.	4223.	11414.	---	7191.	0.	11414.	11414.
35	223 (GMP)	226 (UMB)	---	7063.	0.	4148.	11211.	---	7062.	0.	11209.	11209.
36	224 (KUN)	228 (SSB)	---	4486.	0.	10982.	15467.	---	4487.	0.	15471.	15471.
37	225 (KKDE)	229 (ROK)	---	3679.	0.	9007.	12686.	---	3678.	0.	12684.	12682.
39	101 (NDLS)	238 (SSB)	---	3344.	0.	6492.	9836.	---	3346.	0.	9842.	9842.
52	227 (BGZ)	229 (JHI)	---	3222.	0.	3634.	6856.	---	3225.	0.	6862.	6862.
40	228 (ROK)	230 (NRW)	---	2474.	0.	2790.	5264.	---	2476.	0.	5269.	5269.
41	229 (JHI)	231 (JHL)	---	2089.	0.	2355.	4444.	---	2090.	0.	4446.	4446.
42	230 (NRW)	232 (PM)	---	9219.	0.	4964.	14183.	---	9219.	0.	14183.	14183.
43	101 (NDLS)	233 (GGM)	---	8316.	0.	4478.	12794.	---	8317.	0.	12795.	12795.
45	101 (NDLS)	233 (GGM)	---	8316.	0.	4478.	12794.	---	8317.	0.	12795.	12795.
46	232 (PM)	234 (RE)	---	6909.	0.	5885.	12794.	---	6909.	0.	5886.	12795.
47	233 (GGM)	---	---	6909.	0.	5885.	12794.	---	6909.	0.	5886.	12795.

Table 2.2 Railway Passengers Flow for the Year 2009-2010

LINK	SI.1	SI.2	I → 2	MAIL/EXP	L/EXP	LOCAL	TOTAL	2 → 1	MAIL/EXP	L/EXP	LOCAL	TOTAL
1	101 (NDLS)	201 (FDB)	---	58853.	2020.	49806.	110679.	---	58857.	2020.	49808.	110685.
2	201 (FDB)	---	---	64482.	2020.	39057.	105559.	---	64489.	2020.	39061.	105570.
3	202 (PWJ)	---	---	66552.	2020.	5963.	74535.	---	66560.	2020.	5964.	74544.
4	203 (WTJ)	---	---	54086.	2020.	4879.	60985.	---	54088.	2020.	4879.	60987.
5	101 (NDLS)	237 (SBB)	---	71144.	1689.	64588.	137421.	---	71140.	1690.	64588.	137416.
6	206 (GZB)	207 (DER)	---	51650.	1689.	18741.	72080.	---	51666.	1690.	18747.	72103.
7	206 (GZB)	208 (DKDE)	---	51570.	1689.	15022.	68281.	---	51586.	1690.	15027.	68303.
8	207 (DER)	---	---	52476.	1689.	10317.	64482.	---	52493.	1690.	10320.	64503.
9	208 (DKDE)	---	---	45234.	1689.	8938.	55861.	---	45250.	1690.	8941.	55881.
10	209 (ALJN)	---	---	15952.	0.	11086.	27038.	---	15948.	0.	11082.	27030.
11	206 (GZB)	211 (HPU)	---	17300.	0.	6728.	24028.	---	17299.	0.	6728.	24027.
12	208 (DKDE)	---	---	13286.	0.	18453.	18453.	---	13285.	0.	18451.	18451.
13	212 (AMRO)	---	---	15010.	0.	12281.	27291.	---	15008.	0.	12280.	27288.
14	206 (GZB)	214 (MDNR)	---	13458.	0.	11011.	24469.	---	13459.	0.	11011.	24470.
15	214 (MDNR)	---	---	11129.	0.	9105.	20284.	---	11131.	0.	9107.	20238.
16	216 (MOZ)	---	---	8664.	0.	5089.	13753.	---	8666.	0.	5089.	13755.
17	217 (SRE)	---	---	5584.	0.	3280.	8864.	---	5587.	0.	3281.	8868.
18	101 (NDLS)	205 (DSA)	---	8835.	0.	7834.	16669.	---	8831.	0.	7831.	16662.
19	205 (DSA)	---	---	2500.	0.	14169.	16669.	---	2499.	0.	14163.	16662.
20	218 (BPM)	---	---	2063.	0.	11688.	13751.	---	2062.	0.	11686.	13748.
21	219 (BTU)	---	---	1406.	0.	7966.	9372.	---	1406.	0.	7966.	9372.
22	220 (SMQL)	---	---	743.	0.	4212.	4955.	---	743.	0.	4210.	4953.
23	101 (NDLS)	221 (SNP)	---	25485.	404.	29195.	55084.	---	25489.	404.	29198.	55091.
24	221 (SNP)	---	---	20238.	404.	23278.	43920.	---	20240.	404.	23279.	43923.
25	222 (GNP)	---	---	14991.	404.	17361.	32756.	---	14991.	404.	17360.	32755.
26	223 (PNP)	---	---	26001.	404.	15507.	41912.	---	25999.	404.	15507.	41910.
27	224 (KUN)	---	---	22483.	404.	13441.	36328.	---	22481.	404.	13441.	36326.
28	225 (AKDE)	---	---	22031.	404.	13176.	35611.	---	22032.	404.	13177.	35613.
29	101 (NDLS)	226 (UHB)	---	10526.	0.	25772.	36298.	---	10529.	0.	25777.	36306.
30	226 (UHB)	---	---	8633.	0.	21137.	29770.	---	8632.	0.	21132.	29764.
31	227 (BGZ)	---	---	8119.	0.	15761.	23880.	---	8122.	0.	15767.	23889.
32	227 (BGZ)	---	---	8118.	0.	17336.	23880.	---	8152.	0.	17344.	23889.
33	228 (ROK)	---	---	6618.	0.	7462.	14080.	---	6620.	0.	7466.	14086.
34	229 (JHI)	---	---	6040.	0.	6810.	12850.	---	6041.	0.	6813.	12854.
35	230 (NRV)	---	---	22493.	0.	12112.	34603.	---	22493.	0.	12111.	34604.
36	101 (NDLS)	232 (PM)	---	20123.	0.	10835.	30958.	---	20122.	0.	10835.	30957.
37	232 (PM)	---	---	16717.	0.	14241.	30958.	---	16717.	0.	14240.	30957.

## 2 - 2 Railway Goods Flows

Railway goods flows along the main links are given in Tables 2.3 and 2.4. The current values have been adjusted based on macro model concept, therefore, they may differ from the actual values to some extent.

Table 2.3 Railway Goods Flow for the Year 1986-1987

LINK	ST.1		ST.2		1 → 2		2 → 1		TOTAL
	ST.1	(NDLS)	ST.2	(FDB)	1 → 2	2 → 1	1 → 2	2 → 1	
1	101	(NDLS)	---	201	(FDB)	---	16020.	38015.	54035.
2	201	(PWL)	---	202	(PWL)	---	15842.	38791.	54633.
3	202	(PWL)	---	203	(MIJ)	---	15612.	39753.	55365.
4	203	(MIJ)	---	204	(AGC)	---	16461.	35832.	52293.
7	101	(NDLS)	---	205	(GZB)	---	22482.	41247.	63729.
9	206	(GZB)	---	207	(DER)	---	19182.	44453.	63635.
10	207	(DER)	---	208	(DKDE)	---	19237.	44420.	63657.
11	208	(DKDE)	---	209	(ALJN)	---	19292.	44387.	63679.
12	209	(ALJN)	---	210	(IDL)	---	19274.	44524.	63798.
16	206	(GZB)	---	211	(HPU)	---	2692.	1304.	4000.
17	211	(HPU)	---	212	(AMRO)	---	2656.	1299.	4000.
18	212	(AMRO)	---	213	(MB)	---	2025.	1244.	3269.
22	206	(GZB)	---	214	(MDNR)	---	11128.	9173.	20301.
23	214	(MDNR)	---	215	(MIC)	---	10859.	8688.	19547.
24	215	(MIC)	---	216	(MOZ)	---	10457.	7980.	18437.
25	216	(MOZ)	---	217	(SRE)	---	9006.	6935.	15941.
26	217	(SRE)	---	218	(UMB)	---	5268.	5724.	11000.
27	101	(NDLS)	---	219	(DSA)	---	768.	768.	1536.
28	205	(DSA)	---	220	(BPM)	---	768.	768.	1536.
29	218	(BPM)	---	221	(BTU)	---	768.	768.	1536.
30	219	(BTU)	---	222	(SMQL)	---	766.	766.	1532.
31	220	(SMQL)	---	223	(SRE)	---	766.	766.	1532.
32	101	(NDLS)	---	224	(SNP)	---	16022.	7691.	23713.
33	221	(SNP)	---	225	(GNU)	---	15728.	7640.	23368.
34	222	(GNU)	---	226	(PNP)	---	15492.	7597.	23089.
35	223	(PNP)	---	227	(KUN)	---	13928.	6817.	20745.
36	224	(KUN)	---	228	(KKDE)	---	12364.	6037.	18401.
37	225	(KKDE)	---	229	(UMB)	---	12315.	5954.	18269.
38	101	(NDLS)	---	230	(BGZ)	---	8782.	8738.	17520.
40	227	(BGZ)	---	231	(ROK)	---	8598.	8713.	17311.
41	228	(ROK)	---	232	(JHI)	---	8460.	8650.	17110.
42	229	(JHI)	---	233	(NRV)	---	7778.	8160.	15938.
43	230	(NRV)	---	234	(JHL)	---	6954.	7332.	14286.
45	101	(NDLS)	---	235	(PM)	---	2365.	6095.	8460.
46	232	(PM)	---	236	(GGN)	---	2125.	6103.	8228.
47	233	(GGN)	---	237	(RE)	---	2125.	6103.	8228.

Table 2.4 Railway Goods Flow for the Year 2009-2010

LINK	ST.1	ST.2	1 → 2	2 → 1	TOTAL
1	101 (NDLS)	201 (FDB)	---	44710.	141802.
2	101 (FDB)	202 (PWL)	---	43936.	144982.
3	202 (PWL)	203 (MIJ)	---	42957.	148947.
4	203 (MIJ)	204 (AGC)	---	45179.	137255.
7	101 (NDLS)	206 (GZB)	---	69020.	154429.
8	206 (GZB)	207 (DER)	---	51321.	173575.
10	207 (DER)	208 (DKDE)	---	51456.	173503.
11	208 (DKDE)	209 (ALJN)	---	51591.	173431.
12	209 (ALJN)	210 (TDL)	---	51451.	174020.
16	206 (GZB)	211 (RPU)	---	95609.	3759.
17	211 (RPU)	212 (AMRO)	---	9466.	3748.
18	212 (AMRO)	213 (MB)	---	7033.	3603.
22	206 (GZB)	214 (MDNR)	---	42262.	24309.
23	214 (MDNR)	215 (MTC)	---	41240.	22860.
24	215 (MTC)	216 (MOZ)	---	39704.	20683.
25	216 (MOZ)	217 (SRE)	---	34254.	17628.
26	217 (SRE)	236 (UMB)	---	20303.	16994.
27	101 (NDLS)	205 (DSA)	---	2871.	10725.
28	205 (DSA)	218 (BPM)	---	2871.	10725.
29	218 (BPM)	219 (BTU)	---	2871.	10725.
30	219 (BTU)	220 (SMQL)	---	2866.	10718.
31	220 (SMQL)	235 (SRE)	---	2866.	10718.
32	101 (NDLS)	221 (SNP)	---	61232.	19920.
33	221 (SNP)	222 (GNU)	---	60111.	19778.
34	222 (GNU)	223 (PNP)	---	59219.	19666.
35	223 (PNP)	224 (KUN)	---	53438.	17491.
36	224 (KUN)	225 (KKDE)	---	47657.	15316.
37	225 (KKDE)	226 (UMB)	---	47467.	15077.
39	101 (NDLS)	227 (BGZ)	---	34167.	22691.
40	227 (BGZ)	228 (ROK)	---	33431.	22445.
41	228 (ROK)	229 (JHI)	---	32879.	22260.
43	230 (NRW)	231 (JHL)	---	30191.	20870.
45	101 (NDLS)	232 (PH)	---	26617.	18519.
46	232 (PH)	233 (GGN)	---	8398.	21983.
47	233 (GGN)	234 (RE)	---	7441.	22016.
				7441.	22016.



2 - 3 Goods Flow in Delhi Area

Railway goods flow in Delhi Area are illustrated in Fig(s). 2.2 and 2.3. The current values have been adjusted based on macro model concept, therefore, they may differ from the actual values to some extent.





2 - 4 Planned Traffic Volume

Considering the traffic demand and the transport capacity of the relevant railways sections, a realistic traffic was planned and shown in Table 2.5.1 through 2.6.2.

Table 2.5.1 Planned Passenger Traffic Volume (1)

(1) SECTION BETWEEN DLI/NDLS--HTJ				TRAFFIC DEMAND				IN MILLION PASSENGER-KM/YEAR					
YEAR	TOTAL	WITH CAPACITY WITH	WITHOUT	OVERFLOWED WITH	WITHOUT	TOTAL	PLANNED NORMAL	TRAFFIC DIVERTED	INDUCED	TOTAL	PLANNED NORMAL	TRAFFIC DIVERTED	INDUCED
1990	3636.	3328.	308.	308.	308.	3328.	3328.	0.	0.	3328.	3328.	0.	0.
1995	4674.	3852.	822.	822.	1346.	3852.	3852.	524.	0.	3852.	3852.	524.	0.
2000	5712.	3962.	1750.	1750.	2384.	3962.	3328.	634.	0.	3962.	3328.	634.	0.
2005	7518.	3987.	3531.	3531.	4190.	3987.	3328.	658.	0.	3987.	3328.	658.	0.
2010	9323.	3987.	5336.	5336.	5995.	3987.	3328.	659.	0.	3987.	3328.	659.	0.
2015	9323.	3987.	5336.	5336.	5995.	3987.	3328.	659.	0.	3987.	3328.	659.	0.
2020	9323.	3987.	5336.	5336.	5995.	3987.	3328.	659.	0.	3987.	3328.	659.	0.
(2) SECTION BETWEEN DLI/NDLS--TDL				TRAFFIC DEMAND				IN MILLION PASSENGER-KM/YEAR					
YEAR	TOTAL	WITH CAPACITY WITH	WITHOUT	OVERFLOWED WITH	WITHOUT	TOTAL	PLANNED NORMAL	TRAFFIC DIVERTED	INDUCED	TOTAL	PLANNED NORMAL	TRAFFIC DIVERTED	INDUCED
1990	4058.	3796.	262.	262.	1388.	3796.	3796.	0.	0.	3796.	3796.	0.	0.
1995	5184.	4486.	698.	698.	1388.	4486.	3796.	690.	0.	4486.	3796.	690.	0.
2000	6311.	6311.	0.	0.	2515.	6311.	3796.	2515.	0.	6311.	3796.	2515.	0.
2005	8317.	3796.	2006.	2006.	4521.	3796.	3796.	2515.	0.	6311.	3796.	2515.	0.
2010	10322.	6311.	4011.	4011.	6526.	6311.	3796.	2515.	0.	6311.	3796.	2515.	0.
2015	10322.	6311.	4011.	4011.	6526.	6311.	3796.	2515.	0.	6311.	3796.	2515.	0.
2020	10322.	6311.	4011.	4011.	6526.	6311.	3796.	2515.	0.	6311.	3796.	2515.	0.
(3) SECTION BETWEEN DLI/NDLS--NB				TRAFFIC DEMAND				IN MILLION PASSENGER-KM/YEAR					
YEAR	TOTAL	WITH CAPACITY WITH	WITHOUT	OVERFLOWED WITH	WITHOUT	TOTAL	PLANNED NORMAL	TRAFFIC DIVERTED	INDUCED	TOTAL	PLANNED NORMAL	TRAFFIC DIVERTED	INDUCED
1990	1110.	1082.	28.	28.	0.	1082.	1082.	0.	0.	1082.	1082.	0.	0.
1995	1405.	1331.	74.	74.	323.	1331.	1082.	248.	0.	1331.	1082.	248.	0.
2000	1700.	1700.	0.	0.	618.	1700.	1082.	618.	0.	1700.	1082.	618.	0.
2005	2246.	1924.	322.	322.	1164.	1924.	1082.	842.	0.	1924.	1082.	842.	0.
2010	2792.	1924.	868.	868.	1710.	1924.	1082.	842.	0.	1924.	1082.	842.	0.
2015	2792.	1924.	868.	868.	1710.	1924.	1082.	842.	0.	1924.	1082.	842.	0.
2020	2792.	1924.	868.	868.	1710.	1924.	1082.	842.	0.	1924.	1082.	842.	0.
(4) SECTION BETWEEN DLI/NDLS--MTC--SRE				TRAFFIC DEMAND				IN MILLION PASSENGER-KM/YEAR					
YEAR	TOTAL	WITH CAPACITY WITH	WITHOUT	OVERFLOWED WITH	WITHOUT	TOTAL	PLANNED NORMAL	TRAFFIC DIVERTED	INDUCED	TOTAL	PLANNED NORMAL	TRAFFIC DIVERTED	INDUCED
1990	920.	897.	23.	23.	0.	897.	897.	0.	0.	897.	897.	0.	0.
1995	1159.	1098.	61.	61.	262.	1098.	897.	201.	0.	1098.	897.	201.	0.
2000	1397.	1169.	228.	228.	500.	1169.	897.	272.	0.	1169.	897.	272.	0.
2005	1854.	1210.	644.	644.	957.	1210.	897.	313.	0.	1210.	897.	313.	0.
2010	2310.	1210.	1100.	1100.	1413.	1210.	897.	313.	0.	1210.	897.	313.	0.
2015	2310.	1210.	1100.	1100.	1413.	1210.	897.	313.	0.	1210.	897.	313.	0.
2020	2310.	1210.	1100.	1100.	1413.	1210.	897.	313.	0.	1210.	897.	313.	0.
(5) SECTION BETWEEN DLI/NDLS--SMQL--SRE				TRAFFIC DEMAND				IN MILLION PASSENGER-KM/YEAR					
YEAR	TOTAL	WITH CAPACITY WITH	WITHOUT	OVERFLOWED WITH	WITHOUT	TOTAL	PLANNED NORMAL	TRAFFIC DIVERTED	INDUCED	TOTAL	PLANNED NORMAL	TRAFFIC DIVERTED	INDUCED
1990	443.	443.	0.	0.	0.	443.	443.	0.	0.	443.	443.	0.	0.
1995	548.	548.	0.	0.	105.	548.	443.	105.	0.	548.	443.	105.	0.
2000	653.	653.	0.	0.	210.	653.	443.	210.	0.	653.	443.	210.	0.
2005	869.	653.	216.	216.	426.	653.	443.	210.	0.	653.	443.	210.	0.
2010	1086.	653.	433.	433.	643.	653.	443.	210.	0.	653.	443.	210.	0.
2015	1086.	653.	433.	433.	643.	653.	443.	210.	0.	653.	443.	210.	0.
2020	1086.	653.	433.	433.	643.	653.	443.	210.	0.	653.	443.	210.	0.

Table 2.5.2 Planned Passenger Traffic Volume (2)

(6) SECTION BETWEEN DLI/NDLS--UMB				IN MILLION PASSENGER-KM/YEAR			
YEAR	TOTAL	WITH CAPACITY WITH	TRAFFIC DEMAND WITHOUT	OVERFLOWED WITH	WITHOUT	PLANNED TRAFFIC NORMAL	INDUCED
1990	1989.	1989.	1989.	0.	0.	1989.	0.
1995	2551.	1989.	1989.	0.	562.	1989.	0.
2000	3113.	3113.	1989.	0.	1124.	1989.	0.
2005	4081.	3414.	1989.	667.	3092.	1989.	0.
2010	5050.	3414.	1989.	1636.	3061.	1989.	0.
2015	5050.	3414.	1989.	1636.	3061.	1989.	0.
2020	5050.	3414.	1989.	1636.	3061.	1989.	0.

(7) SECTION BETWEEN DLI/NDLS--JHL				IN MILLION PASSENGER-KM/YEAR			
YEAR	TOTAL	WITH CAPACITY WITH	TRAFFIC DEMAND WITHOUT	OVERFLOWED WITH	WITHOUT	PLANNED TRAFFIC NORMAL	INDUCED
1990	1561.	1561.	1561.	0.	0.	1561.	0.
1995	1850.	1850.	1561.	0.	289.	1561.	0.
2000	2139.	2139.	1561.	0.	578.	1561.	0.
2005	2810.	2810.	1561.	0.	1249.	1561.	0.
2010	3482.	2810.	1561.	672.	1921.	1561.	0.
2015	3482.	2810.	1561.	672.	1921.	1561.	0.
2020	3482.	2810.	1561.	672.	1921.	1561.	0.

(8) SECTION BETWEEN DLI/NDLS--RE				IN MILLION PASSENGER-KM/YEAR			
YEAR	TOTAL	WITH CAPACITY WITH	TRAFFIC DEMAND WITHOUT	OVERFLOWED WITH	WITHOUT	PLANNED TRAFFIC NORMAL	INDUCED
1990	883.	871.	871.	12.	12.	871.	0.
1995	1032.	999.	871.	33.	161.	871.	0.
2000	1182.	1182.	871.	0.	311.	871.	0.
2005	1553.	1553.	871.	0.	682.	871.	0.
2010	1924.	1924.	871.	0.	1053.	871.	0.
2015	1924.	1924.	871.	0.	1053.	871.	0.
2020	1924.	1924.	871.	0.	1053.	871.	0.

(9) TOTAL				IN MILLION PASSENGER-KM/YEAR			
YEAR	TOTAL	WITH CAPACITY WITH	TRAFFIC DEMAND WITHOUT	OVERFLOWED WITH	WITHOUT	PLANNED TRAFFIC NORMAL	INDUCED
1990	14600.	13967.	13967.	633.	633.	13967.	0.
1995	18403.	16715.	13967.	1688.	4436.	13967.	0.
2000	22207.	20229.	13967.	1978.	8240.	13967.	0.
2005	29248.	21862.	13967.	7386.	15281.	13967.	0.
2010	36289.	22233.	13967.	14056.	22322.	13967.	0.
2015	36289.	22233.	13967.	14056.	22322.	13967.	0.
2020	36289.	22233.	13967.	14056.	22322.	13967.	0.

Table 2.6.1 Planned Goods Traffic Volume (1)

(1) SECTION BETWEEN DLI/NDLS--MTJ				TRAFFIC DEMAND		OVERFLOWED		IN MILLION TONNE-KM/YEAR		
YEAR	TOTAL	WITH CAPACITY WITH	WITHOUT	WITH	WITHOUT	WITH	WITHOUT	PLANNED NORMAL	TRAFFIC DIVERTED	INDUCED
1990	3780.	2909.	2909.	871.	871.	2909.	0.	2909.	0.	0.
1995	5232.	2909.	2909.	2323.	2323.	2909.	0.	2909.	0.	0.
2000	6583.	2909.	2909.	3774.	3774.	2909.	0.	2909.	0.	0.
2005	8374.	2909.	2909.	5465.	5465.	2909.	0.	2909.	0.	0.
2010	10065.	2909.	2909.	7156.	7156.	2909.	0.	2909.	0.	0.
2015	10065.	2909.	2909.	7156.	7156.	2909.	0.	2909.	0.	0.
2020	10065.	2909.	2909.	7156.	7156.	2909.	0.	2909.	0.	0.

(2) SECTION BETWEEN DLI/NDLS--IDL				TRAFFIC DEMAND		OVERFLOWED		IN MILLION TONNE-KM/YEAR		
YEAR	TOTAL	WITH CAPACITY WITH	WITHOUT	WITH	WITHOUT	WITH	WITHOUT	PLANNED NORMAL	TRAFFIC DIVERTED	INDUCED
1990	6230.	5242.	5242.	988.	988.	5242.	0.	5242.	0.	0.
1995	8709.	6079.	5242.	2630.	3467.	5242.	837.	5242.	5942.	0.
2000	11184.	11184.	5242.	0.	5942.	5242.	0.	5242.	5942.	0.
2005	13969.	11184.	5242.	2785.	8727.	5242.	0.	5242.	5942.	0.
2010	16753.	11184.	5242.	5569.	11511.	5242.	0.	5242.	5942.	0.
2015	16753.	11184.	5242.	5569.	11511.	5242.	0.	5242.	5942.	0.
2020	16753.	11184.	5242.	5569.	11511.	5242.	0.	5242.	5942.	0.

(3) SECTION BETWEEN DLI/NDLS--MB				TRAFFIC DEMAND		OVERFLOWED		IN MILLION TONNE-KM/YEAR		
YEAR	TOTAL	WITH CAPACITY WITH	WITHOUT	WITH	WITHOUT	WITH	WITHOUT	PLANNED NORMAL	TRAFFIC DIVERTED	INDUCED
1990	250.	250.	250.	0.	0.	250.	0.	250.	0.	0.
1995	337.	337.	250.	0.	87.	250.	87.	250.	87.	0.
2000	425.	425.	250.	0.	175.	250.	175.	250.	175.	0.
2005	538.	425.	250.	113.	288.	250.	288.	250.	175.	0.
2010	651.	425.	250.	226.	401.	250.	401.	250.	175.	0.
2015	651.	425.	250.	226.	401.	250.	401.	250.	175.	0.
2020	651.	425.	250.	226.	401.	250.	401.	250.	175.	0.

(4) SECTION BETWEEN DLI/NDLS--MTC--SRE				TRAFFIC DEMAND		OVERFLOWED		IN MILLION TONNE-KM/YEAR		
YEAR	TOTAL	WITH CAPACITY WITH	WITHOUT	WITH	WITHOUT	WITH	WITHOUT	PLANNED NORMAL	TRAFFIC DIVERTED	INDUCED
1990	1344.	1055.	1055.	289.	289.	1055.	0.	1055.	0.	0.
1995	1822.	1142.	1055.	680.	767.	1142.	767.	1055.	87.	0.
2000	2301.	1142.	1055.	1159.	1246.	1142.	1142.	1055.	87.	0.
2005	2880.	1142.	1055.	1738.	1825.	1142.	1142.	1055.	87.	0.
2010	3458.	1142.	1055.	2316.	2403.	1142.	1142.	1055.	87.	0.
2015	3458.	1142.	1055.	2316.	2403.	1142.	1142.	1055.	87.	0.
2020	3458.	1142.	1055.	2316.	2403.	1142.	1142.	1055.	87.	0.

(5) SECTION BETWEEN DLI/NDLS--SMQL--SRE				TRAFFIC DEMAND		OVERFLOWED		IN MILLION TONNE-KM/YEAR		
YEAR	TOTAL	WITH CAPACITY WITH	WITHOUT	WITH	WITHOUT	WITH	WITHOUT	PLANNED NORMAL	TRAFFIC DIVERTED	INDUCED
1990	343.	340.	340.	3.	3.	340.	0.	340.	0.	0.
1995	437.	423.	340.	14.	97.	423.	83.	340.	83.	0.
2000	530.	423.	340.	107.	190.	423.	83.	340.	83.	0.
2005	658.	423.	340.	236.	319.	423.	83.	340.	83.	0.
2010	789.	423.	340.	366.	449.	423.	83.	340.	83.	0.
2015	789.	423.	340.	366.	449.	423.	83.	340.	83.	0.
2020	789.	423.	340.	366.	449.	423.	83.	340.	83.	0.

Table 2.6.2 Planned Goods Traffic Volume (2)

(6) SECTION BETWEEN DLI/NDLS --UMB											
YEAR	TOTAL	TRAFFIC DEMAND		OVERFLOWED		TOTAL	IN MILLION TONNE-KM/YEAR		PLANNED TRAFFIC		INDUCED
		WITH CAPACITY	WITHOUT	WITH	WITHOUT		NORMAL	DIVERTED	NORMAL	DIVERTED	
1990	1971.	1971.	0.	0.	0.	1971.	1971.	0.	0.	1971.	0.
1995	2723.	2723.	0.	752.	0.	2723.	1971.	752.	0.	1971.	0.
2000	3474.	3393.	81.	1503.	0.	3393.	1971.	1422.	0.	1971.	0.
2005	4338.	4145.	193.	2367.	0.	4145.	1971.	2174.	0.	1971.	0.
2010	5201.	4806.	395.	3230.	0.	4806.	1971.	2835.	0.	1971.	0.
2015	5201.	4806.	395.	3230.	0.	4806.	1971.	2835.	0.	1971.	0.
2020	5201.	4806.	395.	3230.	0.	4806.	1971.	2835.	0.	1971.	0.
(7) SECTION BETWEEN DLI/NDLS --JHL											
YEAR	TOTAL	TRAFFIC DEMAND		OVERFLOWED		TOTAL	IN MILLION TONNE-KM/YEAR		PLANNED TRAFFIC		INDUCED
		WITH CAPACITY	WITHOUT	WITH	WITHOUT		NORMAL	DIVERTED	NORMAL	DIVERTED	
1990	1524.	1453.	71.	0.	0.	1453.	1453.	0.	0.	1453.	0.
1995	2058.	1871.	187.	605.	0.	1871.	1453.	418.	0.	1453.	0.
2000	2591.	2591.	0.	1138.	0.	2591.	1453.	1138.	0.	1453.	0.
2005	3229.	3229.	0.	1776.	0.	3229.	1453.	1776.	0.	1453.	0.
2010	3865.	3865.	0.	2412.	0.	3865.	1453.	2412.	0.	1453.	0.
2015	3865.	3865.	0.	2412.	0.	3865.	1453.	2412.	0.	1453.	0.
2020	3865.	3865.	0.	2412.	0.	3865.	1453.	2412.	0.	1453.	0.
(8) SECTION BETWEEN DLI/NDLS --RE											
YEAR	TOTAL	TRAFFIC DEMAND		OVERFLOWED		TOTAL	IN MILLION TONNE-KM/YEAR		PLANNED TRAFFIC		INDUCED
		WITH CAPACITY	WITHOUT	WITH	WITHOUT		NORMAL	DIVERTED	NORMAL	DIVERTED	
1990	329.	311.	18.	0.	0.	311.	311.	0.	0.	311.	0.
1995	489.	413.	46.	148.	0.	413.	311.	102.	0.	311.	0.
2000	588.	588.	0.	277.	0.	588.	311.	277.	0.	311.	0.
2005	743.	743.	0.	432.	0.	743.	311.	432.	0.	311.	0.
2010	898.	898.	0.	587.	0.	898.	311.	587.	0.	311.	0.
2015	898.	898.	0.	587.	0.	898.	311.	587.	0.	311.	0.
2020	898.	898.	0.	587.	0.	898.	311.	587.	0.	311.	0.
(9) TOTAL											
YEAR	TOTAL	TRAFFIC DEMAND		OVERFLOWED		TOTAL	IN MILLION TONNE-KM/YEAR		PLANNED TRAFFIC		INDUCED
		WITH CAPACITY	WITHOUT	WITH	WITHOUT		NORMAL	DIVERTED	NORMAL	DIVERTED	
1990	15771.	13531.	2240.	0.	0.	13531.	13531.	0.	0.	13531.	0.
1995	21777.	15897.	5880.	8246.	0.	15897.	13531.	2366.	0.	13531.	0.
2000	27776.	22655.	5121.	14245.	0.	22655.	13531.	9124.	0.	13531.	0.
2005	34730.	24200.	10530.	21199.	0.	24200.	13531.	10669.	0.	13531.	0.
2010	41680.	25652.	16028.	28149.	0.	25652.	13531.	12121.	0.	13531.	0.
2015	41680.	25652.	16028.	28149.	0.	25652.	13531.	12121.	0.	13531.	0.
2020	41680.	25652.	16028.	28149.	0.	25652.	13531.	12121.	0.	13531.	0.



Table 2.7 Diverted Traffic Volume of Passenger in Delhi Area (Passenger-kms)  
(IN THOUSAND PASSENGER-KM/YEAR)

TRAIN	1995	2000	2005	2010
MAIL/EXP.	370689	820816	954599	1063401
L/EXP.	7361	16980	16980	16980
LOCAL	234950	513204	653471	721619
TOTAL	613000	1351000	1625000	1802000

Note: MAIL/EXP.----Passenger traffic by Mail/Express trains  
L/EXP.-----Passenger traffic by Long Express trains  
LOCAL-----Passenger traffic by Local passenger trains

Table 2.8 Diverted Traffic Volume of Passenger in the Study Area (Passenger-kms)  
(IN THOUSAND PASSENGER-KM/YEAR)

TRAIN	1995	2000	2005	2010
MAIL/EXP.	1581021	3660528	4479331	4707385
L/EXP.	24131	61287	61305	61305
LOCAL	1142848	2540185	3354363	3497309
TOTAL	2748000	5262000	7895000	8266000

Note: MAIL/EXP.----Passenger traffic by Mail/Express trains  
L/EXP.-----Passenger traffic by Long Express trains  
LOCAL-----Passenger traffic by Local passenger trains

Table 2.9 Diverted Traffic Volume of Goods in Delhi Area (Tonnes)  
(IN TONNE/DAY)

COMMODITY	FLOW	1995	2000	2005	2010
COAL	INWARD	3641	20851	20851	20851
	OUTWARD	0	0	0	0
	THROUGH	3767	12772	14822	16719
	SUB TOTAL	7408	33623	35672	37570
CEMENT	INWARD	943	2830	3837	4843
	OUTWARD	17	17	17	17
	THROUGH	803	1993	2543	3031
	SUB TOTAL	1764	4841	6396	7891
P O L	INWARD	129	719	719	719
	OUTWARD	0	0	0	0
	THROUGH	2908	6952	9390	11688
	SUB TOTAL	3036	7671	10109	12407
FOOD GRAINS	INWARD	486	1255	1914	2573
	OUTWARD	26	552	565	565
	THROUGH	1673	8097	10416	12613
	SUB TOTAL	2185	9905	12895	15751
IRON & STEEL	INWARD	489	2707	2721	2734
	OUTWARD	16	64	96	113
	THROUGH	924	2994	3446	3864
	SUB TOTAL	1429	5766	6263	6710
FERTILIZERS	INWARD	109	397	452	520
	OUTWARD	17	84	101	118
	THROUGH	1303	3560	4220	4824
	SUB TOTAL	1430	4042	4773	5462
OTHERS	INWARD	193	2642	2771	2916
	OUTWARD	186	1023	1178	1302
	THROUGH	1380	6058	7749	9349
	SUB TOTAL	1759	9723	11698	13567
TOTAL	INWARD	5991	31402	33264	35156
	OUTWARD	262	1741	1958	2115
	THROUGH	12759	42427	52584	62087
	SUB TOTAL	19011	75570	87806	99358

Note: INWARD-----Goods traffic terminating in Delhi Area  
 OUTWARD-----Goods traffic originating from Delhi Area  
 THROUGH-----Goods traffic passing through Delhi Area

Table 2.10 Diverted Traffic Volume of Goods in Delhi Area (Tonne-kms)  
(IN THOUSAND TONNE-KM/YEAR)

COMMODITY	FLOW	1995	2000	2005	2010
COAL	INWARD	79000	262000	262000	262000
	OUTWARD	0	0	0	0
	THROUGH	102000	263000	319000	367000
	SUB TOTAL	181000	525000	581000	629000
CEMENT	INWARD	23000	49000	69000	90000
	OUTWARD	0	0	0	0
	THROUGH	19000	47000	62000	74000
	SUB TOTAL	42000	96000	131000	164000
P O L	INWARD	5000	17000	18000	18000
	OUTWARD	0	0	0	0
	THROUGH	62000	142000	188000	231000
	SUB TOTAL	67000	159000	206000	249000
FOOD GRAINS	INWARD	5000	14000	21000	26000
	OUTWARD	1000	5000	5000	5000
	THROUGH	45000	147000	194000	235000
	SUB TOTAL	51000	166000	220000	266000
IRON & STEEL	INWARD	8000	27000	28000	28000
	OUTWARD	0	0	0	0
	THROUGH	23000	60000	73000	84000
	SUB TOTAL	31000	87000	101000	112000
FERTILIZERS	INWARD	4000	7000	9000	11000
	OUTWARD	0	0	0	0
	THROUGH	32000	82000	101000	118000
	SUB TOTAL	36000	89000	110000	129000
OTHERS	INWARD	7000	26000	29000	33000
	OUTWARD	1000	6000	8000	9000
	THROUGH	47000	130000	181000	229000
	SUB TOTAL	55000	162000	218000	271000
TOTAL	INWARD	131000	402000	436000	463000
	OUTWARD	2000	11000	13000	14000
	THROUGH	390000	871000	1118000	1338000
	SUB TOTAL	453000	1284000	1567000	1820000

Note: INWARD----Goods traffic terminating in Delhi Area

OUTWARD----Goods traffic originating from Delhi Area

THROUGH----Goods traffic passing through Delhi Area

Table 2.11 Diverted Traffic Volume of Goods in the Study Area (Tonne-kms)  
(IN THOUSAND TONNE-KM/YEAR)

COMMODITY	FLOW	1995	2000	2005	2010
COAL	INWARD	370000	2119000	2119000	2119000
	OUTWARD	0	0	0	0
	OTHERS	671000	2275000	2640000	2978000
	SUB TOTAL	1041000	4394000	4759000	5097000
CEMENT	INWARD	45000	135000	183000	231000
	OUTWARD	1000	1000	1000	1000
	OTHERS	79000	196000	250000	298000
	SUB TOTAL	125000	332000	434000	530000
P O L	INWARD	17000	95000	95000	95000
	OUTWARD	0	0	0	0
	OTHERS	353000	844000	1140000	1419000
	SUB TOTAL	370000	939000	1235000	1514000
FOOD GRAINS	INWARD	31000	80000	122000	164000
	OUTWARD	2000	43000	44000	44000
	OTHERS	249000	1205000	1550000	1877000
	SUB TOTAL	282000	1328000	1716000	2085000
IRON & STEEL	INWARD	37000	205000	206000	207000
	OUTWARD	1000	4000	6000	7000
	OTHERS	137000	444000	511000	573000
	SUB TOTAL	175000	553000	723000	787000
FERTILIZERS	INWARD	8000	29000	33000	38000
	OUTWARD	1000	5000	6000	7000
	OTHERS	164000	448000	531000	607000
	SUB TOTAL	173000	482000	570000	652000
OTHERS	INWARD	12000	164000	172000	181000
	OUTWARD	6000	33000	38000	42000
	OTHERS	182000	799000	1022000	1233000
	SUB TOTAL	200000	996000	1232000	1456000
TOTAL	INWARD	520000	2827000	2930000	3035000
	OUTWARD	11000	86000	95000	101000
	OTHERS	1838000	6211000	7644000	8985000
	SUB TOTAL	2366000	9124000	10669000	12121000

Note: INWARD-----Goods traffic terminating in Delhi Area  
 OUTWARD-----Goods traffic originating from Delhi Area  
 OTHERS-----Other goods traffic

Table 2.12 Passenger Time Saving Benefit

(IN THOUSAND PASSENGER-HOURS/YEAR)										
(1) FOR THE YEAR 1995										
SECTION	MTJ	TDL	MB	MTC-SRE	SMQL-SRE	UMB	JHL	RE	TOTAL	
PASSENGER-HOURS (WITHOUT THE PROJECT)	17465	23002	8300	6694	3507	18730	9634	4291	91624	
PASSENGER-HOURS (WITH THE PROJECT)	8061	10001	5188	6694	3288	14048	4898	3479	55857	
PASSENGER TIME SAVING BENEFIT	9404	13001	3113	0	219	4683	4735	812	35967	
(2) FOR THE YEAR 2000										
SECTION	MTJ	TDL	MB	MTC-SRE	SMQL-SRE	UMB	JHL	RE	TOTAL	
PASSENGER-HOURS (WITHOUT THE PROJECT)	21149	83860	20588	9057	7015	37460	19267	10360	208756	
PASSENGER-HOURS (WITH THE PROJECT)	9761	36461	12868	9057	6576	28095	9797	8400	121015	
PASSENGER TIME SAVING BENEFIT	11388	47399	7721	0	438	9365	9470	1960	87742	
(3) FOR THE YEAR 2005										
SECTION	MTJ	TDL	MB	MTC-SRE	SMQL-SRE	UMB	JHL	RE	TOTAL	
PASSENGER-HOURS (WITHOUT THE PROJECT)	21992	83860	28067	10434	7015	47486	41654	22728	263237	
PASSENGER-HOURS (WITH THE PROJECT)	10150	36461	17542	10434	6576	35614	21180	18428	158386	
PASSENGER TIME SAVING BENEFIT	11842	47399	10525	0	438	11871	20474	4300	106850	
(4) FOR THE YEAR 2010										
SECTION	MTJ	TDL	MB	MTC-SRE	SMQL-SRE	UMB	JHL	RE	TOTAL	
PASSENGER-HOURS (WITHOUT THE PROJECT)	21992	83860	28067	10434	7015	47486	41654	35097	275606	
PASSENGER-HOURS (WITH THE PROJECT)	10150	36461	17542	10434	6576	35614	21180	28457	166415	
PASSENGER TIME SAVING BENEFIT	11842	47399	10525	0	438	11871	20474	6640	109190	

3 - 1 Current Transport Volume at Each Station

Goods and passenger transport volume of each station on relevant sections are shown in Table 3-1-1 to Table 3-1-9. Parcel transports are shown in Table 3-1-10 to 3-1-17.

Table 3-1-1 Current Transport Volume at Each Station (Delhi ~ Tundla)

(Per day)

Station	Passenger transport												Goods transport																	
	No. of boarding passengers						Tonnage inward						Tonnage outward						No. of Inward Wagons						No. of Outward Wagons					
	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88		
Delhi	36,421	33,822	35,522	32,124	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Delhi Shahadara	14,484	14,023	17,418	13,795	28	33	73.5	118.2	6	12	1.6	0.7	2	2	4	3	0.7	0.9	1	0.8	-	-	-	-	-	-	-			
Viveka Vihar Halt	?	?	270	?	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Sahibabad	3,721	4,017	4,536	5,349	242	171	15.7	16.4	158	187	2.5	0.6	13	10	9	10	2	2	2	0.8	-	-	-	-	-	-	-			
Ghaziabad	18,282	19,190	19,378	20,993	2,203	2,196	2,347	2,491	132	152	239	232	101	93	111	111	9	10	12	12	-	-	-	-	-	-	-			
Maripat	774	801	888	790	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Dadri	4,040	3,613	3,717	3,864	27	35	24	3	1.2	1.3	4	0.5	1.3	1.9	1.1	1.2	NEG	NEG	NEG	NEG	-	-	-	-	-	-	-			
Boraki Halt	194	185	186	169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Ajainpur	649	623	702	683	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Banpaur	4,123	4,338	4,414	4,860	20	3.9	7	3	82	194	126	95	1.4	NEG	NEG	NEG	5	8	7	3	-	-	-	-	-	-	-			
Wair	795	721	828	834	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Chola	1,181	1,265	1,369	1,169	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	-	-	-	-	-	-	-	-		
Siandarpur	184	218	276	264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Khurja	2,276	2,075	2,067	2,189	2.5	0.7	1	27	86	138	26	145	HEG	2	26	1.3	4	6	1.2	5.4	-	-	-	-	-	-	-	-		
Kawalpur Halt	125	128	142	138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Danwar	297	422	509	554	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Soama	889	538	602	527	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Kulwa	279	215	180	183	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Metrawal	55	42	38	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Aligarh	11,487	12,751	13,098	13,437	482	666	359	334	174	195	145	140	23	22	22	24	8	9	6	5	-	-	-	-	-	-	-	-		
Baud Khan	19	23	17	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Manpura	661	761	803	746	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Sashi	569	638	816	683	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	-	-	-	-	-	-	-	-		
Bathras	1,624	1,727	1,915	1,622	12	16	26	30	9	11	10	8	0.5	HEG	HEG	HEG	HEG	HEG	HEG	-	-	-	-	-	-	-	-	-		
Pora	314	347	302	329	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Jalesar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Chamorola	301	305	291	336	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Barhan	851	649	679	721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mitawali	175	162	161	183	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Tundla	2,948	3,547	3,048	3,738	12	18	32	36	15	14	29	10	0.6	2	2	3	1.2	1	2	0.7	-	-	-	-	-	-	-	-		

Source : N.R. materials

Table 3-1-2 Current Transport Volume at Each Station (Ghaziabad ~ Moradbad)

Station Fiscal Year	Passenger transport												Goods transport																			
	No. of boarding passengers						Tonnage Inward						Tonnage Outward						No. of Inward Wagons						No. of Outward Wagons							
	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88
(Ghaziabad)	18,282	19,190	19,876	20,993	2,203	2,196	2,347	2,491	182	152	239	222	101	93	111	111	9	10	10	12	12	12	12	12	9	10	10	12	12	12	12	12
Mehrauli	125	135	159	226	Not opened for Goods	Not opened for Goods	Not opened for Goods	Not opened for Goods																								
Ashvatmik Nagar	-	86	97	148	Not opened for Goods	Not opened for Goods	Not opened for Goods	Not opened for Goods																								
Dasna	-	311	324	547	-	NEG	NIL	NEG	-	NIL	NIL	-	-	NEG	NIL	NEG	-	NIL	NIL	NIL	-	NIL	NIL	-	-	NIL	NIL	-	-	-	-	-
Pilkhuwa	-	2,108	2,410	2,490	-	80	66	80	-	44	44	20	-	4	3	4	-	2	2	2	-	2	2	1	-	2	2	1	-	-	-	-
Hapur	-	5,287	5,468	5,651	-	220	240	240	-	242	320	220	-	10	12	12	-	11	11	16	-	11	11	11	-	11	11	16	-	-	-	-
Babugarh	-	71	62	85	-	NEG	NEG	22	-	NEG	NEG	NEG	-	NEG	NEG	NEG	-	NEG	NEG	NEG	-	NEG	NEG	NEG	-	NEG	NEG	NEG	-	-	-	-
Kuchesar R.	-	35	40	46	Not opened for Goods	Not opened for Goods	Not opened for Goods	Not opened for Goods																								
Simbhadli	-	146	170	183	20	30	20	30	44	40	44	44	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Garh Muktesar	488	552	627	643	-	80	66	88	-	22	NEG	NEG	-	4	3	4	-	1	1	1	-	1	1	1	-	1	1	1	NEG	NEG	NEG	NEG
Garh Muktesar BR	-	259	248	288	Not opened for Goods	Not opened for Goods	Not opened for Goods	Not opened for Goods																								
Kankathar	-	222	240	195	Not opened for Goods	Not opened for Goods	Not opened for Goods	Not opened for Goods																								
Cajraula	-	1,882	1,995	2,320	-	7	29	4	-	68	72	117	-	1	1	1	-	3	3	3	-	3	3	3	-	3	3	3	-	-	-	-
Maheshra H.	-	108	105	97	Not opened for Goods	Not opened for Goods	Not opened for Goods	Not opened for Goods																								
Naturpur	-	988	987	272	Not opened for Goods	Not opened for Goods	Not opened for Goods	Not opened for Goods																								
Amroha	3,921	3,938	4,323	4,536	45	37	41	93	118	66	7	56	7	6	6	5	6	4	4	5	6	6	6	6	6	6	6	6	5	5	5	5
Kaifsa	487	583	194	695	1	1	1	3	11	11	11	7	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	1	1	1	1
Chakkil Halt	-	177	220	205	Not opened for Goods	Not opened for Goods	Not opened for Goods	Not opened for Goods																								
Hakimpur	-	855	901	952	Not opened for Goods	Not opened for Goods	Not opened for Goods	Not opened for Goods																								
Moradabad	8,181	8,056	8,924	9,443	1,860	1,080	1,240	1,340	1,240	440	300	352	43	53	62	67	20	26	26	15	20	26	26	15	20	26	26	15	16	16	16	16

(Per day)





Table 3-1-4 Current Transport Volume at Each Station (Delhi Shahadara ~ Tapri)

Station	Passenger transport										Goods transport									
	No. of boarding passengers		No. of boarding passengers		No. of boarding passengers		No. of boarding passengers		No. of boarding passengers		Tonnage Inward		Tonnage Outward		No. of Inward Wagons		No. of Outward Wagons			
	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88
(Delhi Shahadara)	14,464	14,023	17,418	13,795	28	33	73.5	118.2	6	12	1.6	0.7	2	2	4	3	0.7	0.9	1	0.8
Bekta Hazipur Halt	285	243	219	330	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Noli	604	788	859	1,135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Musratabad Kharkvri Halt	98	102	112	161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colra Halt	273	323	353	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fakhpur Halt	404	360	376	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Khekra	1,371	1,240	1,036	1,773	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Sunera	410	397	357	361	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ahara Halt	-	355	207	292	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bagpat R.	3,476	3,561	3,586	3,548	-	7	3	6	-	7	3	1	-	-	1	-	-	-	1	1
Sujra Halt	-	372	394	368	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alawalpur Idrisipur H.	183	191	186	195	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barha Halt	150	167	143	216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Baraut	2,580	2,513	2,638	3,508	19	41	4	15	47	24	25	1	2	2	2	1	3	2	1	1
Baoli	97	96	91	291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Qasimpur Kheri	457	476	488	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bhudpur H.	286	332	328	281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allan H.	-	2,800	2,200	2,384	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kandha	-	520	441	585	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Khandrawali H.	-	85	112	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gufran Batwa H.	43	50	59	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shamli	1,619	1,812	1,590	1,785	13	52	43	35	19	37	22	8	1	3	2	2	4	3	1	1
Silwar	88	70	68	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hind	2,010	2,040	2,110	2,108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thana Bhawan Town	134	134	115	175	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thana Bhawan	192	189	200	300	12	8	-	-	1	1	-	-	-	-	-	-	-	-	1	1
Nanauta	73	103	70	102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sona Arjunpur	60	101	96	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rampur Nambhayan	183	100	100	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bhankla	27	25	20	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manan	533	566	566	558	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(Tapri)	210	250	288	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(Saharanpur)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Table 3-1-6 Current Transport Volume at Each Station (New Delhi ~ Jakhhal)

(Per day)

Station	Passenger transport										Goods transport									
	No. of boarding passengers		Tonnage inward		Tonnage outward		No. of Inward Wagons		No. of Outward Wagons		Tonnage inward		Tonnage outward		No. of Inward Wagons		No. of Outward Wagons			
	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88
(New Delhi)	38,138	38,882	29,969	30,669	6,400	6,567	6,444	9,302	1,347	974	1,180	1,181	260	260	227	227	67	64	75	66
Delhi-Kishanganj	1,145	1,241	1,707	3,204	586	488	284	474	522	247	300	364	18	22	21	27	17	15	21	27
Daya Basti	750	870	964	335	660	564	588	627	-	-	-	-	30	24	25	28	-	-	-	-
Shakurbasti	2,576	3,064	2,591	2,571	3,880	4,369	3,537	4,749	53	54	47	43	251	283	254	293	6	6	5	4
Mangolpuri Halt	117	172	223	248	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nangloi	873	956	963	925	-	-	-	-	4	2	7	3	12	11	12	12	0.5	0.25	0.5	0.25
Mundka Halt	5	4	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gheora	312	272	493	614	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bahadurgarh	6,094	7,603	7,176	7,294	230	255	205	179	32	41	42	27	15	12	11	8	3	4	4	2
Asaudah	986	1,022	1,010	790	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sampia	1,166	1,244	1,053	1,013	6	5	4	3	-	-	1	-	0.25	0.3	0.5	0.3	-	-	0.3	-
Isma'ilia Maryana	296	352	305	365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kharwar	573	612	558	571	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asihal Bohar	270	275	248	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dalkera Halt	10	9	12	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rohtak	11,995	12,076	9,347	18,989	176	86	151	66	321	393	349	366	13	9	12	10	15	20	19	21
Samar Gopalpur	302	352	278	237	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Karain	160	136	116	137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kilazafgarh	112	130	119	123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Julana	476	582	581	765	6	6	7	6	9	11	10	8	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.5
Jaljiawant	280	141	215	169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kinana	179	183	117	101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bishenpura	57	60	61	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jind	1,068	1,401	1,116	1,509	10	5	10	11	21	21	21	19	1	0.5	1	1	3	3	3	3
Barsola	41	63	50	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Uchana	260	407	314	308	163	32	77	31	232	62	228	364	9	1	2	1	13	3	13	14
Narwana	50	87	89	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ghaso	1,679	1,552	1,256	1,627	42	29	18	13	209	216	634	538	2	1.5	26	22	11	10	26	20
Dharodi	51	54	47	166	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dhantian	46	77	58	104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kalwan Halt	30	25	32	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tohara	603	860	619	876	17	14	9	11	304	166	238	313	1	1	1	1	12	8	11	16
Himmatpura	16	24	22	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jakhhal	1,470	1,847	1,429	1,749	-	12	22	6	334	416	748	974	-	4	1	1	15	25	33	41

Table 3-1-7 Current Transport Volume at Each Station (New Delhi ~ Agra cant)

Station	Passenger transport				Goods transport																
	No. of boarding passengers				Tonnage Inward				Tonnage Outward				No. of Inward Wagons				No. of Outward Wagons				
	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	1984-85	1985-86	1986-87	1987-88	
(New Delhi)																					
Shivaji Bridge	1,460	1,280	1,344	1,361	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tilak Bridge	448	662	1,011	1,520	(3,460)	(3,014)	(3,611)	(2,439)	-	-	-	-	(150)	(131)	(157)	(106)	-	-	-	-	-
St. Nazameddin	?	?	?	4,349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Okhla	501	650	1,414	1,457	258	262	238	135	0.2	0.2	0.8	-	0.2	1.0	1.0	15	-	-	-	-	-
Tuglakabad	?	?	?	1,057	?	?	?	173	?	?	?	?	15	?	?	?	?	?	?	?	?
Faridabad	4,929	5,217	4,994	6,318	527	466	626	401	60	42	66	66	40	21	15	27	18	-	-	-	-
Faridabad N.T.	2,909	2,831	2,955	3,536	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Baitbarah	1,894	1,907	2,191	2,347	702	748	740	694	128	102	91	78	56	61	62	58	7	9	5	5	5
Asaoli	484	316	274	256	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Paawal	2,062	2,129	2,374	2,607	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rundhi	104	121	137	149	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods
Sholaka	194	148	169	237	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods
Bobal	306	289	240	217	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods
Kosikhalan	761	774	825	966	-	-	-	-	121	128	116	147	-	-	-	-	-	-	-	-	-
Chata	816	789	801	894	126	137	96	135	328	294	316	321	8	8	7	9	9	2	2	3	3
Alhal	156	149	193	172	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods
Vrindaban Road	289	241	236	226	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods
Bhuteswar	222	217	197	204	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods
Maubura	5,203	4,705	5,402	5,627	736	748	794	808	240	248	237	251	61	58	72	74	12	16	14	14	18
Bad	44	41	41	21	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods
Farah	30	37	39	41	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods
Kitam	26	21	36	39	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods
Runkta	29	27	31	23	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods	Crossed For Goods
Bibchpura	349	421	452	484	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Agra City	2,356	2,091	2,156	2,102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bazaki Mandi	1,560	1,816	2,008	2,502	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Agra Cant	6,654	6,752	6,891	6,715	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes : 1. Figures in Parentheses for Tilak Bridge station indicate transport volume handled on the Power Siding.

2. Figures in parentheses for Tuglakabad station indicate transport volume handled on Power Siding for the period April 1988 to January 1989.

Table 3-1-8 Current Transport Volume at Each Station (Ring Line)

Station	Passenger Transport												Goods Transport																	
	No. of boarding passengers						Tonnage Inward						Tonnage Outward						No. of Inward Wagons						No. of Outward Wagons					
	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
Naraina Vihar Halt	419	299	233	236																										
Brar Square	143	126	99	121																										
Sardar Patel Marg Halt	37	37	69	49																										
Chanakypuri Halt	12	23	30	37																										
Dehli Safdarjang	70	96	79	71	428	586	624	182	182	182	1.5	6	8	3	16	20	26	9	0.5	0.2	0.3	0.1								
Sarojini Nagar	167	88	111	123																										
Lodi Colong	122	123	132	133																										
Sewa Nagar	223	219	191	236																										
Lajpat Nagar	254	251	271	263																										
(Oldia)	( 501)	( 650)	(1,414)	(1,457)	258	282	238	135	135	0.2	0.8	0.2	10	11	10	15														
Anand Vihar	12	63	139	140																										
Virek Vihar Halt	79	134	204	270																										
Tilak Bridge	448	662	1,011	1,520																										
Shivaji Bridge	1,460	1,280	1,344	1,361																										

(Per day)

Table 3-1-9 Current Transport Volume at Each Station (Delhi ~ Rewari)

Station	Passenger transport												Goods transport																							
	Fiscal year						No. of boarding passengers						Tonnage Inward						Tonnage Outward						No. of Inward Wagons						No. of Outward Wagons					
	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
Delhi Queen's Road																																				
Sadar Bazar	329	423	489	559																																
Delhi Sarai Rohilla	1,724	1,687	1,700	1,374	434		387	325					3	3					21	22					NEC	NEC					NEC	NEC				
Patei Nagar	510	556	653	645																																
Delhi Cant.	3,163	3,077	3,112	3,692	4		4	5	6				2	2	4	2	139	131	162	167					50	62					60	62				
Nasirpur																																				
Palam	745	918	1,140	3,216	65		518	541	487				NEC	NEC	NEC	14	14	23	23	25					2	2					1	1				
Shahabad Momanmadpur	109	109	328	69			Not Open	For Goods																												
Bijwasar	1,806	1,659	1,091	1,072			Not Open	For Goods																												
Gurgaon	6,963	6,900	7,104	6,977	436		443	434	451				43	47					25	25					30	18					42	4				
Bassi Dhankot																																				
Garhi Harsaru	1,842	1,846	1,725	1,959	NEC		NEC	3	4	NEC			2	2					NEC	NEC					NEC	NEC					NEC	NEC				
Pattli	569	559	407	511			Not Open	For Goods																												
Jataulia Jauri Sampka	338	318	372	347			Not Open	For Goods																												
Paraud: Road	2,182	1,983	1,875	2,125	23		10	8	10				10	31	38	19	2	1	1	1					1	1					2	3				
Inchhapur	608	686	684	595			Not Open	For Goods																												
Khalilpur	371	340	500	590			Not Open	For Goods																												
Rewari	5,141	5,080	4,702	4,084	39		283	239	157				229	65	59	16	15	15	19	121					41	41					3	3				

Note: Delhi Queen's Road denotes the meter-gauge sections of the Delhi Station.

Table 3-1-10 Current Transport Volume at Each Station (Delhi ~ Tundla)

Station Fiscal year	Parcel transport																							
	Tonnage inward						Tonnage outward						No. of inward packages						No. of outward packages					
	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
Delhi	?	?	0.2	?	?	?	?	?	0.9	?	?	?	?	?	8	?	?	?	?	?	?	?	?	
Sahibabad	4	3	3	3	3	3	2	2	2	2	2	112	112	112	101	65	68	61	73	1	1	1	1	
Ghaziabad	0.02	0.04	0.25	0.16	0.76	1.15	0.67	0.76	4.5	2	5.8	4.6	4.6	21	32	15	15	15	15	15	15	15	15	
Dankaur	0.15	0.04	0.25	0.16	0.76	1.15	0.67	0.76	4.5	2	5.8	4.6	4.6	21	32	15	15	15	15	15	15	15	15	
Chola	7.2	6.1	9.9	15	7.8	7	10	10	34	37	27	36	13	13	24	23	23	23	23	23	23	23	23	
Khurja	1.4	1.74	2.78	15	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
Sonma	17	17	15	14	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9		
Aligarh	1.2	1.4	2.9	3.4	3.7	4.5	4.3	3.6	4	3.6	6.5	7	11	14	14	13	13	13	13	13	13	13	13	
Mandrak	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35		
Sasni	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35		
Hathras	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35		
Barhan	1.1	1.8	1.2	1.6	0.7	1	0.9	1.1	77	57	68	61	67	30	40	37	37	37	37	37	37	37	37	
Tundla	1.1	1.8	1.2	1.6	0.7	1	0.9	1.1	77	57	68	61	67	30	40	37	37	37	37	37	37	37	37	

Note 1 : Tonnage ..... in Quintals (100kg)

Table 3-1-11 Current Transport Volume at Each Station (Ghaziabad ~ Moradabad)

Station Fiscal year	Parcel transport																							
	Tonnage inward						Tonnage outward						No. of inward packages						No. of outward packages					
	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
(Ghaziabad)	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Dasha	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Pilkhua	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Hapur	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Babugharh	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Kachesar Road	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Simhasoli	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Garh Muktesay	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Kankather	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Gajraula	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Suraha	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Kallisa	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Hakimpur	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Moradabad	4	4	14	20	26	37	35	27	398	355	279	412	605	661	691	691	691	691	691	691	691	691		

(Per day)



Table 3-1-12 Current Transport Volume at Each Station (Ghaziabad ~ Saharanpur)

Station	Parcel transport																	
	Tonnage inward			Tonnage outward			No. of inward packages			No. of outward packages								
Fiscal year	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
(Ghaziabad)	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Guldhara	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Muradnagar	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Modinagar	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Partapur	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Meerut City	24	37	46	61	16	19	20	14	14	1,402	723	718	718	832	821	431	489	366
Meerut Cantt	4	5	7	6	2	2	2	2	2	128	151	172	163	163	61	71	71	81
Khatauli	3	1	10	1	4	1	5	4	4	86	58	84	84	84	66	51	88	100
Mansur Pur	15	15	16	10	0.9	1	0.9	1	1	11	11	8	14	8	8	9	9	12
Muzaffarnagar	32	42	44	44	7	9	15	10	10	321	306	286	286	280	165	186	155	209
Rohana Kalan	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	1	2	2	2	2	NEG	NEG	NEG	NEG
Daotand	3	5	6	4	2	2	2	2	2	90	92	105	100	34	34	36	33	72
Saharanpur	27	28	24	28	18	16	18	18	18	957	912	996	815	591	521	546	568	568

Table 3-1-13 Current Transport Volume at Each Station (Delhi Shahdara ~ Saharanpur)

Station	Parcel transport																	
	Tonnage inward			Tonnage outward			No. of inward packages			No. of outward packages								
Fiscal year	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
Nori	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Khekra	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	6	3	3	2	2	2	1	1	NEG
Bahadur Road	-	NEG	1	1	-	NEG	NEG	NEG	NEG	-	10	9	10	10	-	5	5	5
Baraut	1	1	1	2	NEG	1	NEG	NEG	NEG	28	28	17	43	8	14	9	9	8
Qasimpur Khert	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	1	2	2	2	NEG	NEG	1	NEG
Kandhla	-	1	1	1	-	NEG	NEG	NEG	NEG	-	10	12	15	-	2	2	2	2
Shamli	4	3	8	8	1	2	2	2	2	83	71	136	148	18	27	26	26	37
Thana Bhawan	1	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	12	12	13	12	NEG	NEG	NEG	NEG	NEG

Table 3-1-14 Current Transport Volume at Each Station (New Delhi ~ Ambala)

(Per day)

Station	Parcel transport														
	Tonnage inward						Tonnage outward								
	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90			
New Delhi	-	-	2.713	3.721	-	2.333	2.597	-	-	15.115	20.148	-	-	11.941	13.338
Subzi Mandi	2	1.7	3	2	1.7	2.2	4.3	303	318	120	50	29	42	72	100
Naya Azadpur	0.5	NEG	0.7	NEG	2	NEG	0.7	38	40	42	39	8	7	7	8
Badli	NEG	NEG	NEG	NEG	NEG	NEG	NEG	1	12	2	1.5	2.5	8	10	11
Khari Kalan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holaabi Kalan	NEG	NEG	NEG	NEG	NEG	NEG	NEG	4	4	5	8	6	4	11	9
Narala	NEG	NEG	NEG	NEG	NEG	NEG	NEG	4	4	5	8	6	4	11	9
Rathdara	NEG	NEG	NEG	NEG	NEG	NEG	NEG	4	4	5	8	6	4	11	9
Sonapat	1.8	1.7	2.2	1.9	1.8	2	2.2	39	44	48	39	55	51	61	51
Sandal Kalan	NEG	NEG	NEG	NEG	NEG	NEG	NEG	10	13	8	3	10	4	3	4.2
Ganaur	NEG	NEG	NEG	NEG	NEG	NEG	NEG	10	13	8	3	10	4	3	4.2
Panipat	13	9	13	17	17	7	10	66	67	63	74	124	126	127	120
Babarpur	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	1	1	NEG	NEG
Gharanda	NEG	NEG	NEG	NEG	NEG	NEG	NEG	1.8	2	5	7	3.6	14	21	11
Bazida Jaitan	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Karnal	2.8	3	4	6	3.6	3.5	4	92	116	145	182	125	129	157	203
Bhaini Khaurd	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Nilokheri	NEG	0.7	0.5	0.6	1.5	1.3	2	5.8	9	11	12	136	131	183	111
Kurukshetra	2.4	3	4	2	2.5	2.4	3.5	17	37	62	63	39	51	57	40
Dhirpur	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Ambala	122	111	117	151	140	140	131	586	479	460	465	447	375	471	690

Table 3-1-15 Current Transport Volume at Each Station (New Delhi ~ Jakhhal)

Station Fiscal year	Parcel transport																							
	Tonnage inward						Tonnage outward						No. of inward packages						No. of outward packages					
	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
(New Delhi)																								
Delhi Kishanganj	32	36	31	57	32	27	36	46	56	69	64	120	45	47	76	97								
Daya Basti	21	1	4	3	142	15	48	1.36	57	3	17	5	27	12	2	2								
Shakur Basti	16	34	33	12	3	28	17	10	83	121	120	50	12	44	31	32								
Nanglo	132	135	141	120	160	175	160	130	258	270	275	119	486	525	530	223								
Bahaburgarh	9	8	7	7	9	9	7	3	13	9	9	14	16	10	12	23								
Asaudah	3	4	4	10	16	26	31	5	20	26	31	66	21	26	25	44								
Sampla	0.80	1.47	1.20	1	0.42	0.38	1.46	1	6	10	8	4	5	4	3	4								
Kharwar	1.60	1.30	2.50	3	2.80	3.43	3.95	3.70	20	16	9	7	54	88	87	76								
Aathal Bohal	2.40	2.42	1.02	1	1	0.9	0.87	0.84	26	26	8	10	25	21	21	15								
Rohtak	57	120	118	45	64	107	111	130	103	168	159	136	101	203	183	161								
Samar gopelpur	3.70	3.50	-	-	1.87	1.98	1.89	3	36	35	40	-	33	32	32	43								
Karaithi	12	11	6	10	2.57	1.95	1.80	3	172	73	67	149	26	35	33	36								
Kilasaragarh	3.70	3	4	8.2	6	4	5	6.8	15	13	14	44	28	11	10	47								
Juana	9.76	10.35	11.44	12.80	18.40	25.36	27.42	37.16	195	247	284	307	673	781	896	971								
Tai Tai Wanti	-	1.47	2	-	-	1.5	1	-	-	15	16	-	-	5	9	-								
Kinana	2.20	3.40	-	4	3.10	2.35	1.20	5	12	13	-	30	20	23	20	29								
Jind	11	11	17	16	28	30	27	28	27	25	38	35	82	90	87	68								
Barsola	4.66	8.03	4.39	0.17	0.82	2.20	1.65	0.55	0.17	0.18	0.15	0.02	0.05	0.10	0.08	0.03								
Uchana	2	3	3	2	0.52	0.83	1	1	4	3.9	6	7	3	3.9	4	4								
Ghago	-	-	0.16	-	-	3.45	1.01	3.01	-	-	0.01	-	-	0.16	0.04	0.14								
Narwana	14	16	10	21	12	11	15	28	34	45	29	42	20	28	48	46								
Dhamtan	0.05	0.10	0.08	0.05	0.07	0.38	0.30	0.09	0.19	0.54	0.32	0.33	0.23	0.26	0.27	0.24								
Tohana	6	9	8	11	9	16	10	8	19	25	22	26	29	51	30	20								
Jakhhal	58	35	32	21	72	50	82	23	70	63	38	35	141	81	91	37								

(Per day)

Table 3-1-16 Current Transport Volume at Each Station (New Delhi ~ Mathura)

Station	Parcel transport											
	Tonnage inward						Tonnage outward					
	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
(New Delhi)												
H.Nizamuddin	?	?	330.6	?	?	39.7	?	?	4.207	?	?	?
Okhla	?	?	NEG	?	?	NEG	?	?	?	?	?	?
Tuglakabad	?	?	NEG	?	?	NEG	?	?	?	?	?	?
Faridabad	2	2	3	3	4	5	6	62	70	66	73	138
Ballaugharh	-	-	-	-	2	2	3	-	-	-	96	78
Mathura	-	-	-	-	5	5	5	-	-	-	138	127
												98
												129

(Per day)

Table 3-1-17 Current Transport Volume at Each Station (Sadar Bagar ~ Rewari)

Station	Parcel transport											
	Tonnage inward						Tonnage outward					
	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
Delhi												
Sadar Bagar	NEG	NEG	1	1	NEG	NEG	1	7	22	40	40	8
Delhi Sarai Rohilla	1	2	4	4	3	4	4	32	38	44	48	59
Delhi Cantt	69	64	91	94	31	24	41	9	7	10	9	4
Plam	NEG	NEG	NEG	5	NEG	NEG	NEG	15	9	42	7	7
Bijwasan	NEG	NEG	1	6	NEG	NEG	NEG	4	2	2	3	2
Gurgaon	1	1	1	2	1	1	2	31	42	42	54	38
Garhi Harsaru	NEG	NEG	NEG	NEG	NEG	NEG	NEG	1	1	1	1	22
Pattli	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Jataula	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Jaura	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Sampia	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Pataudi Road	1	1	1	1	1	1	4	12	10	20	21	10
Rewari	8	17	12	13	7	6	6	114	274	137	229	158
												188
												124
												144

(Per day)(M.G)

### 3 - 2 Line Capacity and Number of Train

Line capacity and number of train for relevant sections are shown in Fig. 3.2.1 to 3.2.5.













3 - 3 Status of the Current Train Flow

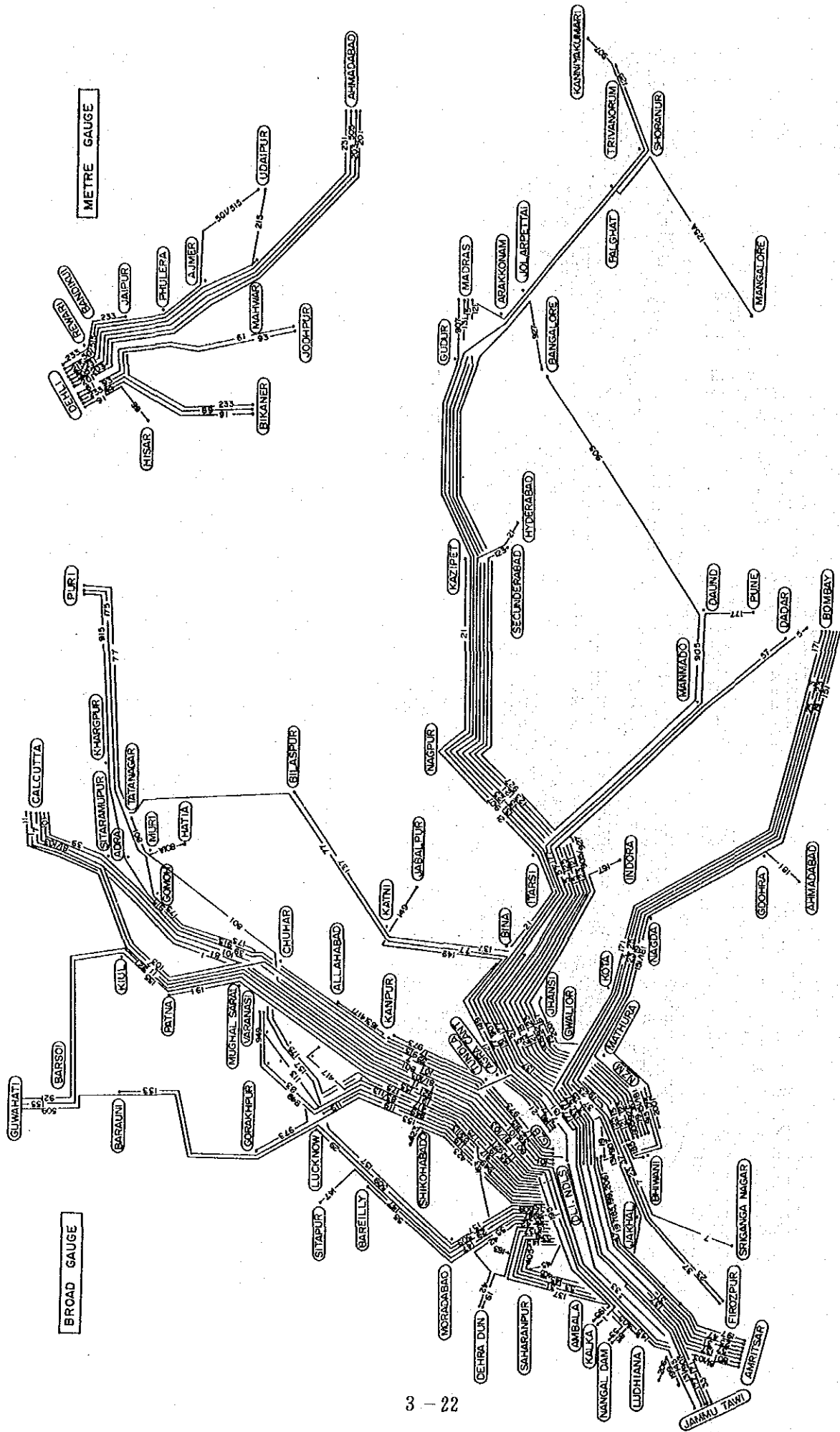


Fig. 3.3.1 Status of the Current Train Flow  
Mail/Exp 1st. NOV. 1988

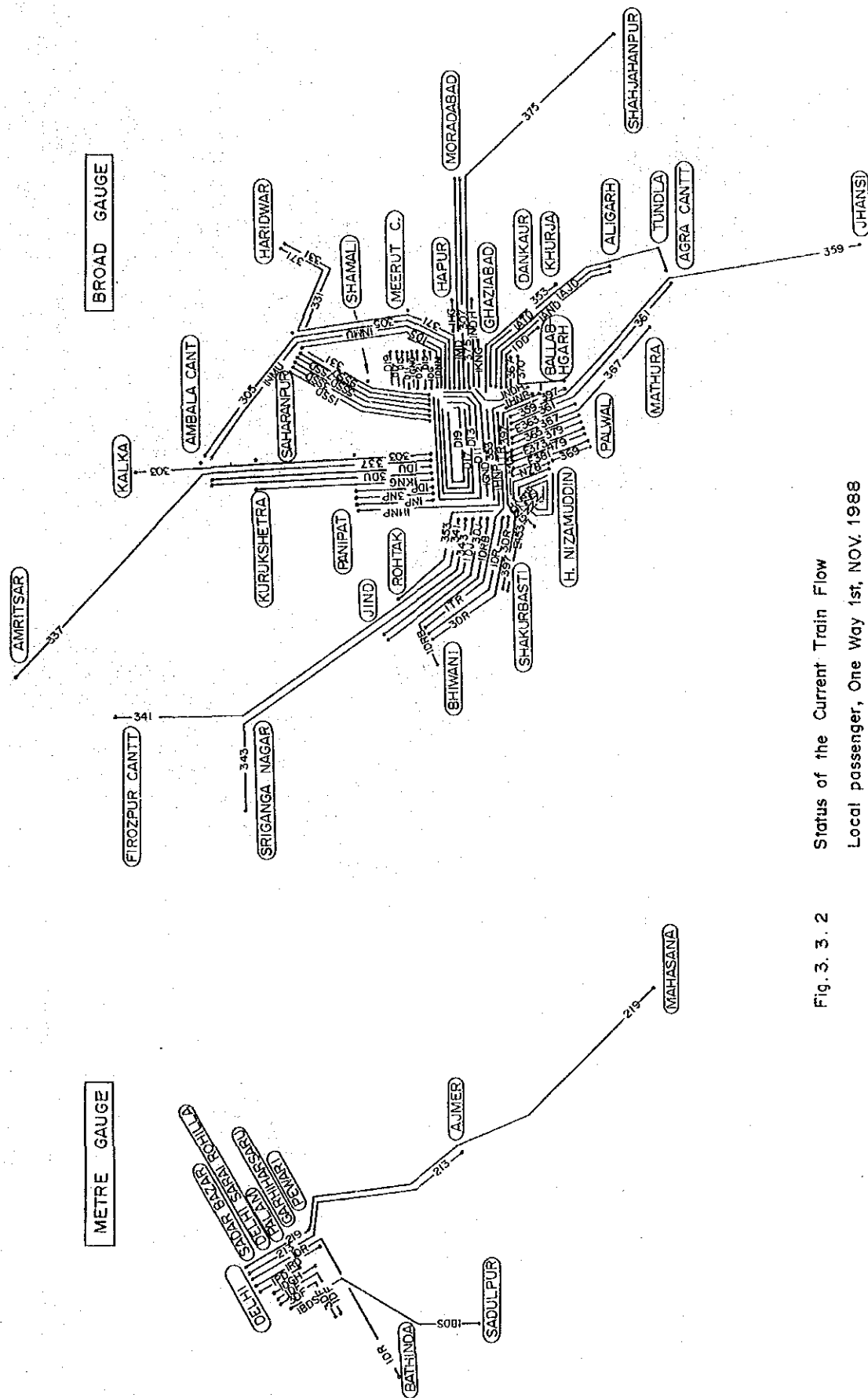
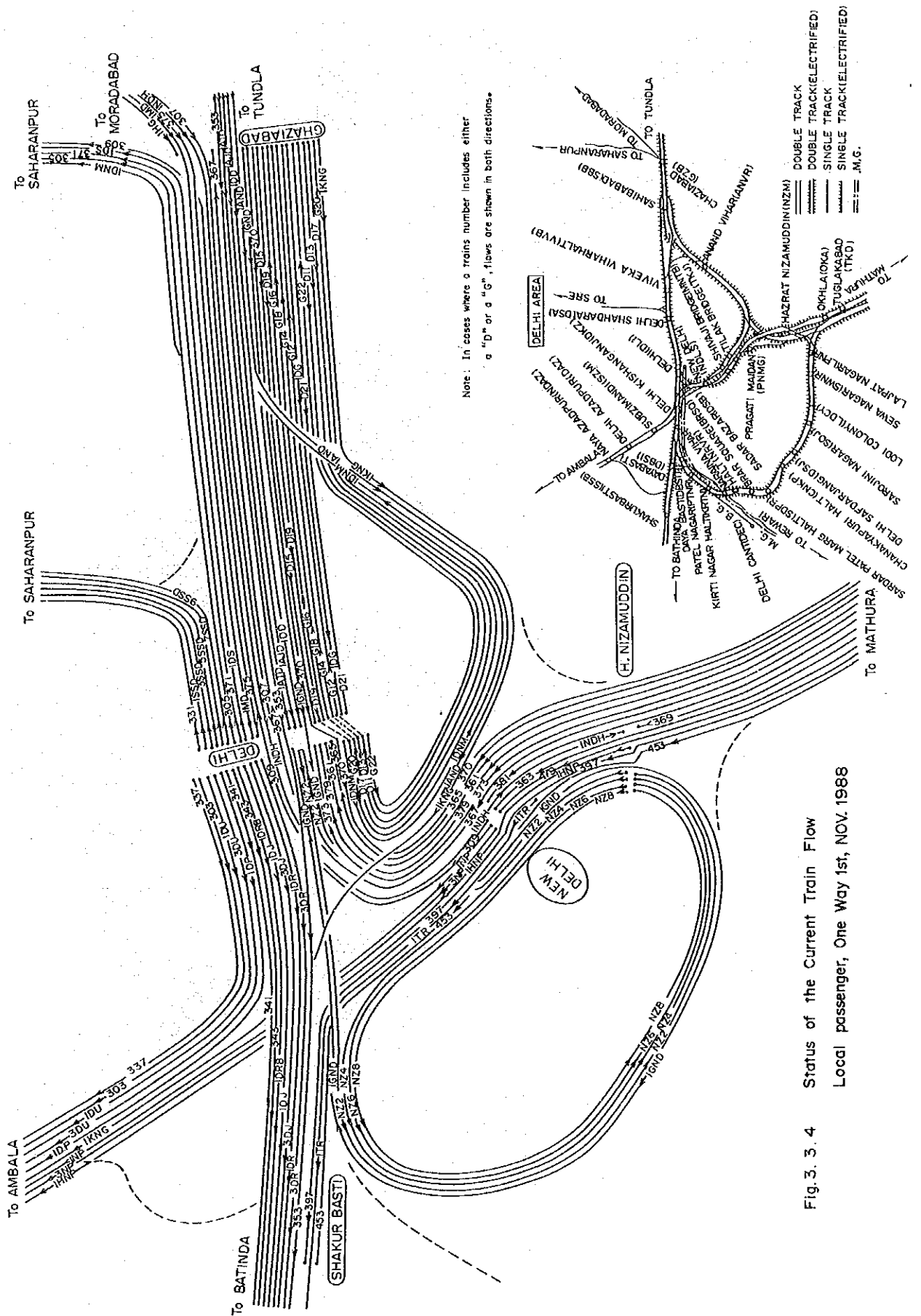


Fig. 3. 3. 2 Status of the Current Train Flow Local passenger, One Way 1st, NOV. 1988





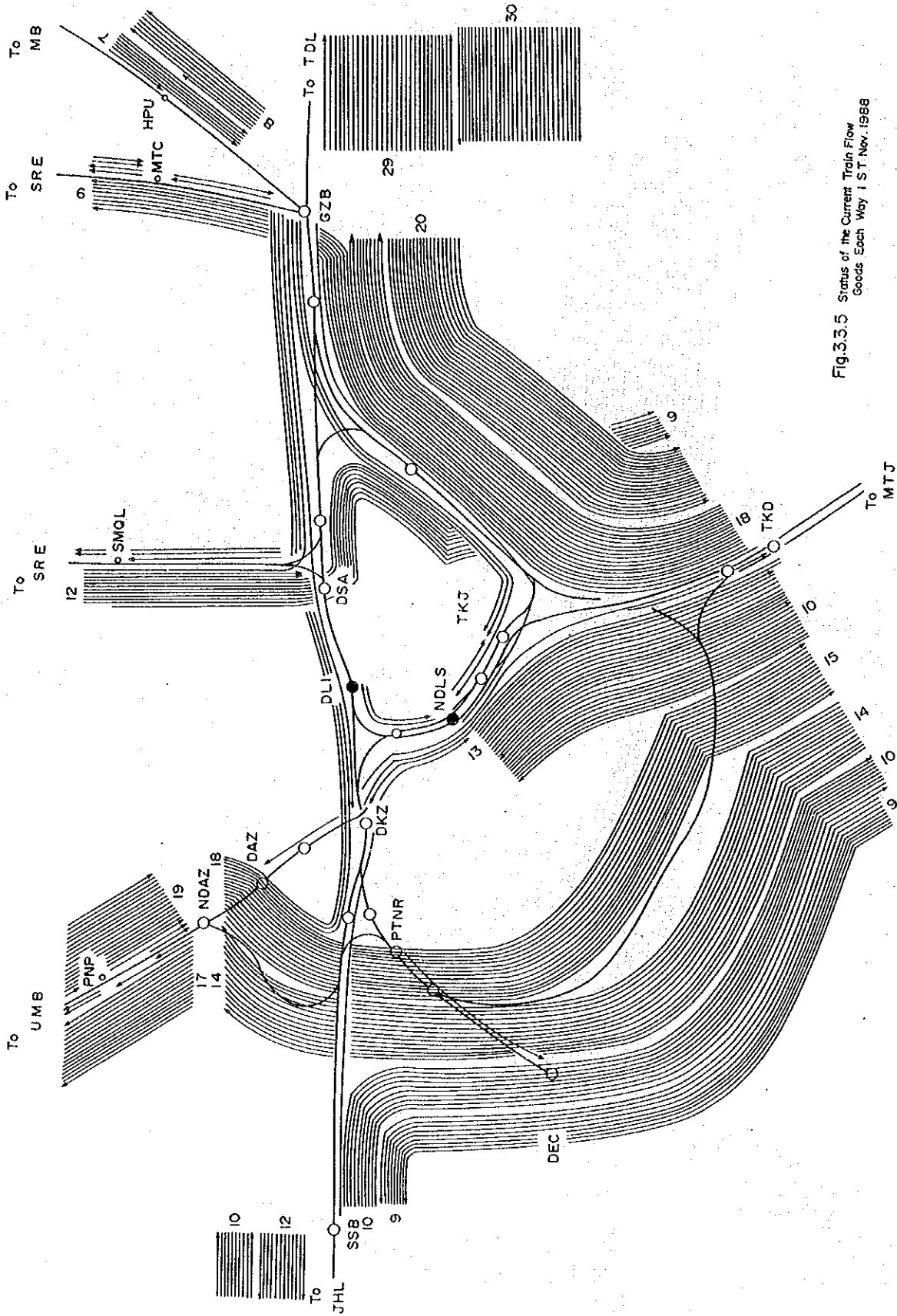


Fig.3.3.5 Status of the Current Train Flow Goods Each Way 1 ST Nov. 1988





3 - 5 Number of Train by Year

Table 3-5-1 Number of Train by Year (GZB~TDL)

Train	Year	Station	(DLI)		(SBB)		(GZR)		DER		DN		ALJN		TDL	
			Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan
Passenger (one way per day)	1986~	M/E		7		9		16		16		16		16		16
		L		4		1		5		5		5		4		5
	1987	Total		11		10		21		21		21		20		21
	1994~	M/E		7		11		21		18		21		18		19
		L		7		1		8		8		7		8		6
	1995	Total		14		12		29		26		28		26		24
	1999~	L·E		0		0		1		1		1		1		1
		M/E		11		11		14		14		25		25		22
		L		8		8		2		2		10		10		10
	2000	Total		19		19		17		17		36		36		34
	2004~	L·E		0		0		1		1		1		1		1
		M/E		14		11		19		14		33		25		33
	L		10		8		3		2		13		10		13	
2005	Total		24		19		23		17		47		36		47	
2009~	L·E		0		2		2		1		2		1		2	
	M/E		18		23		41		25		41		25		41	
	L		13		3		16		10		16		10		13	
2010	Total		31		28		59		36		59		36		56	
Goods (per day)	1986~	UP									24		24		24	
	1987	DN									23		23		23	
	1994~	UP								48	36		48	36		48
	1995	DN								34	26		34	26		34
	1999~	UP								62	62		62	62		62
	2000	DN								41	41		41	41		41
	2004~	UP								78	62		78	62		78
	2005	DN								51	51		51	51		51
2009~	UP								93	62		93	62		93	
2010	DN								62	62		62	62		62	
Light Engine (per day)	1986~	UP								2	2		2	2		2
	1987	DN								2	2		2	2		2
	1994~	UP								2	2		2	2		2
	1995	DN								2	2		2	2		2
	1999~	UP								2	2		2	2		2
	2000	DN								2	2		2	2		2
	2004~	UP								2	2		2	2		2
	2005	DN								2	2		2	2		2
2009~	UP								2	2		2	2		2	
2010	DN								2	2		2	2		2	
Total (No. of train per day)	1986~	UP									47		47		47	
	1987	DN									46		46		46	
	1994~	UP								77	64		78	64		76
	1995	DN								65	62		64	62		62
	1999~	UP								100	100		98	98		96
	2000	DN								79	79		77	77		75
	2004~	UP								127	100		124	98		121
	2005	DN								100	97		97	89		94
2009~	UP								154	100		151	98		147	
2010	DN								123	120		120	110		110	
Line Capacity	1986~	UP									49		49		51	
	1987	DN									64		64		64	
	1994~	UP									100		100		100	
	1995	DN									100		100		100	
	1999~	UP									100		100		100	
	2000	DN									100		100		100	
	2004~	UP									100		100		100	
	2005	DN									100		100		100	
2009~	UP									100		100		100		
2010	DN									100		100		100		

Note 1. No. of Tr. : No. of Trains. Note 2. Req. : No. of Trains required. Note 3. Plan : No. of Trains planned.

Table 3-5-2 Number of Train by Year (GZB~MB)

Train	Year	Station	(DLI)		(SBB) (RDLCS)		(SBB)		(GZB)		HPU		GJL		DN		AMRO		MD	
			Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan
Passenger (one way per day)	1986~	M/E		3		3		6		6		7		6		6		6		6
		L		4		0		4		5		4		5		5		5		5
		Total		7		3		10		11		11		11		11		11		11
	1994~	M/E		3		3		6		10		6		7		7		6		6
		L		4		0		4		6		5		3		4		3		5
		Total		7		3		10		16		11		10		11		9		11
	1999~	L·E		—		—		—		—		—		—		—		—		—
		M/E		5		4		6		5		11		9		11		9		9
		L		5		5		0		0		5		5		6		6		6
		Total		10		9		6		5		16		14		17		15		15
	2004~	L·E		—		—		—		—		—		—		—		—		—
		M/E		7		—		—		—		—		—		—		—		—
	L		9		—		—		—		—		—		—		—		—	
	Total		16		—		—		—		—		—		—		—		—	
2009~	L·E		—		—		—		—		—		—		—		—		—	
	M/E		9		—		—		—		—		—		—		—		—	
	L		11		—		—		—		—		—		—		—		—	
	Total		20		—		—		—		—		—		—		—		—	
Goods (per day)	1986~	UP									2		2		2		2		2	
		DN									3		3		3		3		3	
	1994~	UP									3		3		3		3		3	
		DN									5		5		5		4		4	
	1999~	UP									4		4		4		4		4	
		DN									7		7		6		6		5	
	2004~	UP									5		4		5		5		5	
		DN									8		7		8		6		6	
	2009~	UP									6		6		6		6		6	
		DN									10		10		8		8		8	
	Light Engine (per day)	1986~	UP																	
		1987	DN																	
1994~		UP																		
1995		DN																		
1999~		UP																		
2000		DN																		
2004~		UP																		
2005		DN																		
2009~		UP																		
2010		DN																		
Total (No. of train per day)		1986~	UP									13		13		13		13		13
			DN									14		14		14		14		14
	1994~	UP									19		14		13		14		12	
		DN									21		16		15		16		13	
	1999~	UP									21		19		16		18		14	
		DN									24		22		18		20		15	
	2004~	UP									30		20		20		17		17	
		DN									33		22		23		18		18	
	2009~	UP									37		25		25		21		21	
		DN									41		22		29		23		23	
	Line Capacity	1986~	UP									22		22		20		20		20
		1987	DN																	
1994~		UP									22		22		22		22		22	
1995		DN																		
1999~		UP																		
2000		DN																		
2004~		UP																		

Table 3-5-3 Number of Train by Year (GZB~MTC~SRE)

Train	Year	Station	(DLI)		(SRR) (SRLS)		(SBB)		(GZB)		MBNR		MTC		UP		MOZ		(TPZ) SRR			
			Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan		
Passenger (one way per day)	1986~	M/E		3		3		6		6		6		6		6		6		6		
		L		4		1		5		5		5		5		5		5		5		
	1987	Total		7		4		11		11		11		11		11		11		11		
	1994~	M/E		3		3		6		7		6		7		6		6		4		6
		L		6		1		7		6		7		6		7		5		5		3
	1995	Total		9		4		13		13		13		13		11		11		7		11
	1999~	L·E																				
		M/E		4		4		8		8		6		8				7				5
	2000	L		6		1		7		7		7		7				6				3
		Total		10		5		15		15		13		15				13				8
	2004~	L·E																				
		M/E		6		6		12		12				11				9				6
	2005	L		8		2		10		10				9				7				4
		Total		14		8		22		22				20				16				10
2009~	L·E																					
	M/E		7		7		14		14				13				11				9	
2010	L		10		2		12		12				11				9				5	
	Total		17		9		26		26				24				20				14	
Goods (per day)	1986~	UP										12		11		11					10	
	1987	DN										9		9		8					7	
	1994~	UP							23		12		23		12		22		12		21	
	1995	DN							13		9		13		(9)		12		8		10	
	1999~	UP							29				29				28				28	
	2000	DN							16				15				14				12	
	2004~	UP							37				37				36				34	
	2005	DN							20				19				17				15	
2009~	UP							44				45				43				41		
2010	DN							24				23				20				18		
Light Engine (per day)	1986~	UP										2		2		3					2	
	1987	DN										2		2		1					2	
	1994~	UP							2		2		2		2		3		3		2	
	1995	DN							2		2		2		2		1		1		2	
	1999~	UP							2		2		2		2		3		3		2	
	2000	DN							2		2		2		2		1		1		2	
	2004~	UP							2		2		2		2		3		3		2	
	2005	DN							2		2		2		2		1		1		2	
2009~	UP							2		2		2		2		3		3		2		
2010	DN							2		2		2		2		1		1		2		
Total (No. of train per day)	1986~	UP										25		24		25					23	
	1987	DN										22		22		20					20	
	1994~	UP							38		(27)		38		27		36		26		30	
	1995	DN							28		24		28		24		24		20		19	
	1999~	UP							46				46				44				33	
	2000	DN							33				32				28				22	
	2004~	UP							61				50				55				46	
	2005	DN							44				41				34				27	
2009~	UP							72				71				66				57		
2010	DN							52				49				41				34		
Line Capacity	1986~	UP										37		27		27					27	
	1987	DN										37		19		19					19	
	1994~	UP																				
	1995	DN																				
	1999~	UP																				
	2000	DN																				
	2004~	UP																				
	2005	DN																				
2009~	UP																					
2010	DN																					

Table 3-5-4 Number of Train by Year (DSA~SMQL~SRE)

Train	Year	Station	(DLI)		(DSA)		BPM		SMQL		UP		(TPZ)	(SRE)	
			Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan			
Passenger (one way per day)	1986~	M/E		1		1				1		1			
		L		6		6				6		6			
	1987	Total		7		7				7		7			
	1994~	M/E		1		2		1		2		1		1	
		L		6		6		6		6		6		6	
	1995	Total		7		8		7		8		7		7	
	1999~	L·E													
		M/E		2		2		2		2		1		2	
	2000	L		7		7		6		6		2		6	
		Total		9		9		8		8		3		8	
	2004~	L·E													
		M/E		2		2		2		2		1		2	
2005	L		10		10		8		8		3		6		
	Total		12		12		10		10		4		8		
2009~	L·E														
	M/E		3		3		3		3		1		3		
2010	L		12		12		10		10		4		14		
	Total		15		15		13		13		5		17		
Goods (per day)	1986~	UP						2		2		1			
	1987	DN						9		8		6			
	1994~	UP			4	4		4		2		1		2	
	1995	DN			13	13		12		8		9		9	
	1999~	UP			5	4		4		2		1		2	
	2000	DN			16	13		15		8		11		9	
	2004~	UP			6			6		2		2		2	
	2005	DN			20			18		13		13		13	
2009~	UP			8			7		2		2		2		
2010	DN			24			22		16		16		16		
Light Engine (per day)	1986~	UP													
	1987	DN				1			1			1		1	
	1994~	UP													
	1995	DN			1	1		1		1		1		1	
	1999~	UP													
	2000	DN			1	1		1		1		1		1	
	2004~	UP													
	2005	DN			1	1		1		1		1		1	
2009~	UP														
2010	DN			1	1		1		1		1		1		
Total (No. of train per day)	1986~	UP				9		9		9		8		8	
	1987	DN				17		16		16		14		14	
	1994~	UP			12	12		11		11		4		9	
	1995	DN			22	21		21		16		13		17	
	1999~	UP			14	13		12		11		4		10	
	2000	DN			26	22		24		17		15		18	
	2004~	UP			18			16		6		6		6	
	2005	DN			33			29		18		18		18	
2009~	UP			23			20		7		7		7		
2010	DN			40			36		22		22		22		
Line Capacity	1986~	UP				9		9		9		9		9	
	1987	DN				22		22		22		22		22	
	1994~	UP													
	1995	DN													
	1999~	UP													
	2000	DN													
	2004~	UP													
	2005	DN													
2009~	UP														
2010	DN														
Pa	1988~	M/E											7		
		L											10		
	1987	Total											17		
	1994~	M/E										5		7	
		L										5		10	
	1995	Total										10		17	
	1999~	L·E													
		M/E											6		7
	2000	L										5		10	
		Total										11		17	
	2004~	L·E													
		M/E											7		7
2005	L											7		7	
	Total											14		14	
2009~	L·E														
	M/E												10		10
2010	L												9		9
	Total												19		19
Go	1986~	UP												11	
	1987	DN												13	
	1994~	UP											22	19	
	1995	DN											19	16	
	1999~	UP											29	13	
	2000	DN											23	16	
	2004~	UP											36		
	2005	DN											28		
2009~	UP											43			
2010	DN											34			
LE	1986~	UP												2	
	1987	DN												3	
	1994~	UP											2	2	
	1995	DN											3	3	
	1999~	UP											2	2	
	2000	DN											3	3	
	2004~	UP											2	2	
	2005	DN											3	3	
2009~	UP											2	2		
2010	DN											3	3		
To	1986~	UP												30	
	1987	DN												33	
	1994~	UP											34	32	
	1995	DN											32	36	
	1999~	UP											42	32	
	2000	DN											32	36	
	2004~	UP											53		
	2005	DN											45		
2009~	UP											64			
2010	DN											56			
LC	1986~	UP												37	
	1987	DN												37	
	1994~	UP													
	1995	DN													
	1999~	UP													
	2000	DN													
	2004~	UP													
	2005	DN													
2009~	UP														
2010	DN														

Table 3-5-5 Number of Train by Year (NDAZ~ PNP~ UMB; Rampura~ NDAZ)

Train	Year	Station	(DLI)		(NDAZ)		(NDAZ)		SNP → UP		PNP		KKDB		(Rampura) (NDAZ)		
			Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	
Passenger (one way per day)	1986~	M/E		2		8		10		10		10		10		10	
		L		5		4		0		0		0		0		5	
	1987	Total		7		12		10		10		16		15			
	1994~	M/E		2		8		11	10	9	10	7	10	6	10		
		L		8		4		12	12	10	12	5	6	5	5		
	1995	Total		10		12		23	22	19	22	12	16	11	15		
	1999~	L·E	0		1		1	0	1	0	1	0	1	0	1	0	
		M/E	5		8		13	13	10	13	9	13	7	13	7	13	
	2000	L	9		4		13	13	10	13	6	6	0	5	0	5	
		Total	14		13		27	26	21	26	10	19	14	18	7	18	
	2004~	L·E	0		1		1	0	1	0	1	0	1	0	1	0	
		M/E	9		8		17	13	13	13	11	13	10	13	10	13	
2005	L	13		4		17	13	13	13	8	6	8	5	8	5		
	Total	22	14	13		35	26	27	26	20	19	19	18	18	18		
2009~	L·E	0		1		1	0	1	0	1	0	1	0	1	0		
	M/E	13		8		21	13	17	13	14	13	12	13	12	13		
2010	L	17		4		21	13	17	13	10	6	9	5	9	5		
	Total	30		13		43	26	35	26	25	19	22	18	22	18		
Goods (per day)	1986~	UP		0		2		11		11		10		9		12	
	1987	DN		0		2		9		9		8		7		8	
	1994~	UP	0	0	4	2	21	21	21	21	19	19	17	17	21	21	
	1995	DN	0	0	3	2	13	13	12	12	11	11	10	10	12	12	
	1999~	UP	0		5		28	28	27	28	24	24	22	22	29	37	
	2000	DN	0		3		15	15	15	15	13	13	11	11	14	14	
	2004~	UP	0		5		35	35	34	34	30	30	27	27	36	37	
	2005	DN	0		4		18	18	18	18	16	16	14	14	17	17	
	2009~	UP	0		6		42	42	41	41	37	37	32	27	43	37	
	2010	DN	0		5		22	22	22	22	19	19	17	14	21	21	
Light Engine (per day)	1986~	UP		1		1		2		2		1		1		2	
	1987	DN		1		1		2		2		1		1		2	
	1994~	UP	1	1	1	1	2	2	2	2	1	1	1	1	2	2	
	1995	DN	1	1	1	1	2	2	2	2	1	1	1	1	2	2	
	1999~	UP	1	1	1	1	2	2	2	2	1	1	1	1	2	2	
	2000	DN	1	1	1	1	2	2	2	2	1	1	1	1	2	2	
	2004~	UP	1	1	1	1	2	2	2	2	1	1	1	1	2	2	
	2005	DN	1	1	1	1	2	2	2	2	1	1	1	1	2	2	
	2009~	UP	1	1	1	1	2	2	2	2	1	1	1	1	2	2	
	2010	DN	1	1	1	1	2	2	2	2	1	1	1	1	2	2	
Total (No. of train per day)	1986~	UP		8		15		32		32		27		25		14	
	1987	DN		8		15		30		30		25		23		10	
	1994~	UP	11	11	17	15	46	45	42	45	32	36	20	33	23	29	
	1995	DN	11	11	16	15	38	37	33	30	24	28	22	26	14	14	
	1999~	UP	15	15	19		57	56	50	56	41	44	37	41	31	39	
	2000	DN	15	15	17		44	43	38	43	30	33	20	30	16	16	
	2004~	UP	23	15	19		72	63	63	62	51	50	47	46	38	39	
	2005	DN	23	15	18		55	46	47	46	37	36	34	33	18	18	
2009~	UP	31		20		87	70	78	69	63	57	55	46	45	39		
2010	DN	31		19		67	50	59	50	45	39	40	33	23	23		
Line Capacity	1986~	UP		15		12		37		37		21		33		15	
	1987	DN										(BZK)		(SHOM)			
	1994~	UP					45		45		45		45		45		
	1995	DN															
	1999~	UP					75		75		75		75		75		
	2000	DN															
	2004~	UP													75		

Table 3-5-6 Number of Train by Year (SSB~ROK~JHL)

Train	Year	Station	(DLI)	(SSB)		(SSB)		BGZ		ROK		UP		NRW		JHL	
				(NOES)						JHL							
		No. of Tr.	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	
Passenger (one way per day)	1986~	M/E	1	4			5	5	5	4			4	4			
		L	8	3			9	9		5			5	3			
		1987	Total	9	7			14	14		9			9	7		
	1994~	M/E	1	4	5	5	5	5	5	4	4	4	4	3	4		
		L	10	4	12	12	9	12	5	5	5	5	5	3	3		
		1995	Total	11	8	17	17	14	17	10	9	9	9	6	7		
	1999~	L·E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		M/E	1	5	5	6	6	6	6	6	5	5	5	4	5		
	2000	L	10	4	4	11	12	8	12	6	5	5	5	3	3		
		Total	11	9	17	18	14	18	12	10	10	10	7	8			
	2004~	L·E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		M/E	1	7	7	8	8	7	8	8	7	7	7	5	7		
2005	L	12	4	4	14	12	11	12	7	6	6	5	4	3			
	Total	13	11	11	22	20	18	20	15	13	13	12	9	10			
2009~	L·E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	M/E	1	9	10	8	9	8	10	7	8	7	7	6	7			
2010	L	16	4	18	12	13	12	9	6	7	5	5	5	3			
	Total	17	13	28	20	22	20	19	13	15	12	11	10				
Goods (per day)	1986~	UP					11		11		11		10		9		
	1987	DN					11		11		11		10		9		
	1994~	UP			21	21	22	21	21	13	20	13	17	15			
	1995	DN			16	16	16	16	16	13	15	13	13	15			
	1999~	UP			29	29	28	28	28	28	26	26	23	26			
	2000	DN			19	19	19	19	19	19	18	18	16	18			
	2004~	UP			36	36	35	35	35	31	32	32	28	28			
	2005	DN			24	24	24	24	24	24	22	22	20	20			
	2009~	UP			43	43	42	42	41	31	38	32	34	28			
	2010	DN			29	29	28	28	28	24	26	22	23	20			
Light Engine (per day)	1986~	UP					2		2		1		1		1		
	1987	DN					2		2		1		1		1		
	1994~	UP			2	2	2	2	1	1	1	1	1	1			
	1995	DN			2	2	2	2	1	1	1	1	1	1			
	1999~	UP			2	2	2	2	1	1	1	1	1	1			
	2000	DN			2	2	2	2	1	1	1	1	1	1			
	2004~	UP			2	2	2	2	1	1	1	1	1	1			
	2005	DN			2	2	2	2	1	1	1	1	1	1			
	2009~	UP			2	2	2	2	1	1	1	1	1	1			
	2010	DN			2	2	2	2	1	1	1	1	1	1			
Total (No. of train per day)	1986~	UP					27		27		21		20		17		
	1987	DN					27		27		21		20		17		
	1994~	UP			40	40	38	40	32	23	30	23	24	23			
	1995	DN			35	35	32	32	27	23	25	23	20	23			
	1999~	UP			48	49	44	48	41	39	37	37	31	32			
	2000	DN			38	38	35	39	32	30	29	29	24	25			
	2004~	UP			60	58	55	57	51	45	46	45	38	38			
	2005	DN			48	46	44	46	40	38	36	35	30	31			
	2009~	UP			73	65	66	64	61		54		46	45			
	2010	DN			59	51	52	50	48		42		35				
Line Capacity	1986~	UP					38		38		22		22		21		
	1987	DN															
	1994~	UP					45		45		23		23		23		
	1995	DN															
	1999~	UP					75		75		45		45		45		
	2000	DN															
	2004~	UP															
2005	DN																
2009~	UP																
2010	DN																

Table 3-5-7 Number of Train by Year (TKD~MTJ)

Train	Year	Station	TKD		FDB		PWL		UP		MTJ
			Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	
Passenger (one way per day)	1986~	M/E		22		22		22		22	
		L		11		11		2		2	
	1987	Total		33		33		24		24	
	1994~	M/E	27	23	30	23	30	23			
		L	18	15	14	14	2	2			
	1995	Total	45	38	44	37	32	25			
	1999~	L·E	1	1	1	1	1	1			
		M/E	32	22	35	22	36	22			
	2000	L	22	15	17	14	3	2			
		Total	55	38	53	37	40	25			
	2004~	L·E	2	2	2	2	2	2			
		M/E	42	46	47	47					
	2005	L	29	23	4	4					
		Total	73	71	53	53					
	2009~	L·E	2	2	2	2	2	2			
M/E		52	57	59	59						
2010	L	36	28	5	5						
	Total	90	87	66	66						
Goods (per day)	1986~	UP		27		27		27		27	
		DN		26		28		29		29	
	1994~	UP	42	27	42	27	41	27			
		DN	53	26	54	28	55	29			
	1999~	UP	51	51	50	50					
		DN	68	70	72	72					
	2004~	UP	64	63	62	62					
		DN	86	88	90	90					
2009~	UP	77	76	74	74						
	DN	103	106	109	109						
Light Engine (per day)	1986~	UP		1		1		1		1	
		DN		1		1		1		1	
	1994~	UP	1	1	1	1	1	1			
		DN	1	1	1	1	1	1			
	1999~	UP	1	1	1	1	1	1			
		DN	1	1	1	1	1	1			
	2004~	UP	1	1	1	1	1	1			
		DN	1	1	1	1	1	1			
2009~	UP	1	1	1	1	1	1				
	DN	1	1	1	1	1	1				
Total (No. of train per day)	1986~	UP		61		61		52		52	
		DN		60		62		54		54	
	1994~	UP	88	66	87	66	74	53			
		DN	99	65	99	65	88	55			
	1999~	UP	107	105	91	91					
		DN	124	124	113	75					
	2004~	UP	138	135	116	116					
		DN	160	160	144	144					
2009~	UP	168	164	141	141						
	DN	194	150	176	176						
Line Capacity	1986~	UP		54		54		54		54	
		DN									
	1994~	UP		62		62		54		54	
		DN									
	1999~	UP									
		DN									
	2004~	UP									
		DN									
2009~	UP		150		150		75		75		
	DN										

Table 3-5-8 Number of Train by Year (DLI~SBB; NDLS~TKJ~SBB~GZB)

Train	Year	Station	(DLI)		(DSA)		(SBB)		(NDLS)		(TKJ)		DN (GAL)		(<D>Panel)		(SBB)		GZB			
			Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan		
Passenger (one way per day)	1986~	M/E		14				13				35			15			15			28	
		L		24				18				24			0			0			6	24
	1987	Total		38			31				59			21			21			21	52	
	1994~	M/E	14	14			13	13	38	38	17	17	17	17	17	17	17	17			38	30
		L	32	32			26	26	35	35	9	9	9	9	9	9	9	9			27	35
	1995	Total	46	46			39	39	73	73	26	26	26	26	26	26	26	26			65	65
	1999~	L·E							2	2			1	1			1	1			1	1
		M/E	22	19			20	18	56	42	24	22	24	22	24	22	24	22			44	40
	2000	L	35	34			28	28	32	36	10	10	10	10	10	10	10	10			10	10
		Total	57	53			48	46	90	80	35	33	35	33	35	33	35	33			83	79
	2004~	L·E							3				1				1				1	
		M/E	29				27		75		33		33		33		33				60	
2005	L	46				36		41		12		12		12		12				48		
	Total	75				63		119		46		46		46		46				109		
2009~	L·E							4		2		2		2		2				2		
	M/E	37				34		92		40		40		40		40				74		
2010	L	55				43		50		14		14		14		14				57		
	Total	92				77		146		56		56		56		56				133		
Goods (per day)	1986~	UP		6			7	7			11		3		31		26				33	
		DN		3			12	7			10		2		26		23				30	
	1994~	UP	7	7	7	7	7	7	18	13	5	5	56	34	52	28	53	35				
	1995	DN	4	4	14	7	14	7	14	10	2	2	43	34	43	28	43	35				
	1999~	UP	7	7	7	7	7	7	23	4	7	7	73	69	68	61	68	68				
	2000	DN	5		20	9	15	7	17	4	3	3	54	52	53	46	53	53				
	2004~	UP	7		7	7			27		8		91		85		85					
	2005	DN	7		26	12			22		3		68		67		67					
	2009~	UP	7		7	7			35		10		109		102		102					
	2010	DN	9		34	15			26		4		82		80		80					
	Light Engine (per day)	1986~	UP		8			7			22		15		15		14					21
			DN		8			7			22		15		15		14					21
1994~		UP		8			7	22	22	15	15	15	15	14	14	21	21					
1995		DN		8			7	22	22	15	15	15	15	14	14	21	21					
1999~		UP		8			7	22	22	15	15	15	15	14	14	21	21					
2000		DN		8			7	22	22	15	15	15	15	14	14	21	21					
2004~		UP		8			7	22	22	15	15	15	15	14	14	21	21					
2005		DN		8			7	22	22	15	15	15	15	14	14	21	21					
2009~		UP		8			7	22	22	15	15	15	15	14	14	21	21					
2010		DN		8			7	22	22	15	15	15	15	14	14	21	21					
Total (No. of train per day)		1986~	UP		52			45	45		92		39		67		61					106
			DN		49			50	42		91		38		62		58					
	1994~	UP		61	53	53	53	53	113	108	46	46	97	75	92	68	138	121				
	1995	DN		58	60	53	60	53	109	105	43	43	84	75	83	68	129	121				
	1999~	UP	72	68	62	62	60	60	135	106	57	50	123	117	117	108	172	168				
	2000	DN	70	66	75	64	68	60	129	106	53	50	104	100	102	93	157	153				
	2004~	UP	90	75	77	77	75		170		69		152		145		215	180				
	2005	DN	90		96	82			163		64		129		127		197					
	2009~	UP	107		91	91			203		81	75	180		172	150	256					
	2010	DN	109		118	59			194		75		153		156		234					
	Line Capacity	1986~	UP		75			75			96		45		45		45					90
			DN		(6)			(6)			(12)		(4)		(4)		(4)					(10)
1994~		UP							150		75		75		75		75			180		
1995		DN		(9)			(6)		(19)		(7)		(7)		(7)		(7)			(16)	DLI Area Local	
1999~		UP											150		150							
2000		DN																				
2004~		UP																				
2005		DN																				
2009~	UP																					
2010	DN																					

Note: Goods handling at New Delhi is shifted to Holambi Kalan in 1994-95.



Table 3-5-9

Number of Train by Year (<A>Panel ~ <B>Panel)

Train	Year	Station No of Tr.	Station <A> Panel → DN <B> Panel		
			Req.	Plan	
Passenger (one way per day)	1986~	M/E L			
	1987	Total			
	1994~	M/E L			
	1995	Total			
	1999~	L·E M/E L			
	2000	Total			
	2004~	L·E M/E L			
	2005	Total			
	2009~	L·E M/E L			
	2010	Total			
	Goods (per day)	1986~	UP		3
		1987	DN		6
1994~		UP	6	6	
1995		DN	8	8	
1999~		UP	7	6	
2000		DN	9	8	
2004~		UP	9		
2005		DN	12		
Light Engine (per day)	1986~	UP		2	
	1987	DN		2	
	1994~	UP	2	2	
	1995	DN	2	2	
	1999~	UP	2	2	
	2000	DN	2	2	
	2004~	UP	2	2	
	2005	DN	2	2	
Total (No. of train per day)	1986~	UP		5	
	1987	DN		8	
	1994~	UP	8	8	
	1995	DN	10	10	
	1999~	UP	9	8	
	2000	DN	11	10	
	2004~	UP	11		
	2005	DN	14		
Line Capacity	1986~	UP		10	
	1987	DN			
	1994~	UP		10	
	1995	DN			
	1999~	UP		(45)	
	2000	DN			
	2004~	UP			
	2005	DN			

Table 3-5-10 Number of Train by Year

(NZM~LPNR;OKA~LPNR~PTNR~DKZ;PTNR~Rampura )

Train	Year	Station	(NZM)		(LPNR)		LPNR → UP		DSJ		PTNR (PTNR)		DKZ (Rampura)		→ UP		
			Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	
Passenger (one way per day)	1986~	M/E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		L	—	5	—	—	—	5	—	—	5	—	5	—	—	—	
	1987	Total	—	5	—	—	—	5	—	—	5	—	5	—	—	—	
	1994~	M/E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		L	—	7	—	—	—	7	—	—	7	—	7	—	—	—	
	1995	Total	—	7	—	—	—	7	—	—	7	—	7	—	—	—	
	1999~	L·E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		M/E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	2000	L	—	7	—	—	—	7	—	—	7	—	7	—	—	—	
		Total	—	7	—	—	—	7	—	—	7	—	7	—	—	—	
	2004~	L·E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		M/E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2005	L	—	7	—	—	—	7	—	—	7	—	7	—	—	—		
	Total	—	7	—	—	—	7	—	—	7	—	7	—	—	—		
2009~	L·E	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	M/E	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
2010	L	—	7	—	—	—	7	—	—	7	—	7	—	—	—		
	Total	—	7	—	—	—	7	—	—	7	—	7	—	—	—		
Goods (per day)	1986~	UP	—	9	—	(15)	—	24	—	—	24	—	4	—	24		
	1987	DN	—	9	—	(15)	—	24	—	—	24	—	4	—	24		
	1994~	UP	16	16	(30)	(18)	22	47	35	34	47	35	34	10	10	51	34
		DN	12	12	(23)	(16)	17	35	27	33	35	27	33	7	7	27	33
	1999~	UP	23	32	(39)	(20)	28	62	43	60	62	43	60	10	10	66	64
	2000	DN	16	32	(27)	(17)	20	43	33	52	43	33	52	7	7	32	34
	2004~	UP	28	—	(49)	(21)	—	77	49	—	77	49	—	10	—	83	—
	2005	DN	18	—	(35)	(19)	—	53	37	—	53	37	—	7	—	40	—
	2009~	UP	33	—	(59)	(24)	—	92	57	—	92	57	—	10	—	99	—
	2010	DN	23	—	(41)	(19)	—	64	42	—	64	42	—	7	—	48	—
Light Engine (per day)	1986~	UP	—	3	—	—	5	—	—	8	—	8	—	5	—	11	
	1987	DN	—	3	—	—	5	—	—	8	—	8	—	5	—	11	
	1994~	UP	3	3	—	—	5	5	8	8	8	8	5	5	11	11	
	1995	DN	3	3	—	—	5	5	8	8	8	8	5	5	11	11	
	1999~	UP	3	3	—	—	5	5	8	8	8	8	5	5	11	11	
	2000	DN	3	3	—	—	5	5	8	8	8	8	5	5	11	11	
	2004~	UP	3	3	—	—	5	—	8	—	8	—	5	—	11	—	
	2005	DN	3	3	—	—	5	—	8	—	8	—	5	—	11	—	
	2009~	UP	3	3	—	—	5	—	8	—	8	—	5	—	11	—	
	2010	DN	3	3	—	—	5	—	8	—	8	—	5	—	11	—	
Total (No. of train per day)	1986~	UP	—	17	—	—	20	—	—	40	—	43	—	14	—	—	
	1987	DN	—	17	—	—	20	—	—	40	—	43	—	14	—	—	
	1994~	UP	26	26	35	23	27	62	50	49	62	50	40	22	22	62	35
	1995	DN	22	22	28	21	22	50	42	48	50	42	48	19	19	38	35
	1999~	UP	32	42	44	25	33	77	58	75	77	58	75	22	22	77	45
	2000	DN	26	42	32	22	25	58	48	67	58	48	67	19	19	43	44
	2004~	UP	38	—	54	26	—	92	64	—	92	64	—	22	—	94	79
	2005	DN	28	—	40	24	—	68	52	—	68	52	—	19	—	51	45
	2009~	UP	43	—	64	29	—	107	72	—	107	72	—	22	—	110	—
	2010	DN	33	—	46	24	—	79	57	—	79	57	—	19	—	59	—
Line Capacity	1986~	UP	—	25	—	—	25	—	—	50	—	50	—	38	—	30	
	1987	DN	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	1994~	UP	—	45	—	—	45	—	—	75	—	75	—	40	—	75	
	1995	DN	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	1999~	UP	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	2000	DN	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	2004~	UP	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	2005	DN	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2009~	UP	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
2010	DN	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

Note 1: Because of an opposite direction of UP and DN between OKA and LPNR, figures are shown in a parenthesis.

Note 2: Right figures in column of Req. show necessary number of trains in case of suppressing demand beyond TKD.

Table 3-5-11 Number of Train by Year (DLI/NDLS~SZM~NDAZ)

Train	Year	Station	(DLI)		(B)		(F)		(NDAZ) (NDLS)		(D)		(S)		(SZM)		
			Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan			
Passenger (one way per day)	1986~	M/E		2		2		10		8		8		8			
		L		5		5		9		4		4		4			
		1987	Total	7		7		19		12		12		12			
	1994~	M/E		2		2		10		8		8		8			
		L		8		8		12		4		4		4			
		1995	Total	10		10		22		12		12		12			
	1999~	L·E	0	0	0	0	1	0	1		1		1		1		
		M/E	5	5	5	5	13	13	8		8		8		8		
	2000	L	9	9	9	9	13	13	4		4		4		4		
		Total	14	14	14	14	27	26	13		13		13		13		
	2004~	L·E	0		0		1		1		1		1		1		
		M/E	9		9		17		8		8		8		8		
2005	L	13		13		17		4		4		4		4			
	Total	22		22		35		13		13		13		13			
2009~	L·E	0		0		1		1		1		1		1			
	M/E	13		13		21		8		8		8		8			
2010	L	17		17		21		4		4		4		4			
	Total	30		30		43		13		13		13		13			
Goods (per day)	1986~	UP		0		0		2		2		2		2			
		DN		0		0		2		2		2		2			
	1994~	UP	0		0		4	2	4	2	4	2	4	2	4	2	
		DN	0		0		3	2	3	2	3	2	3	2	3	2	
	1999~	UP	0		0		5	2	5	2	5	2	5	2	5	2	
		DN	0		0		3	2	3	2	3	2	3	2	3	2	
	2004~	UP	0		0		5		5		5		5		5		
		DN	0		0		4		4		4		4		4		
2009~	UP	0		0		6		6		6		6		6			
	DN	0		0		5		5		5		5		5			
Light Engine (per day)	1986~	UP		1		1		2		1		1		1		1	
		DN		1		1		2		1		1		1		1	
	1994~	UP	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
		DN	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
	1999~	UP	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
		DN	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
	2004~	UP	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
		DN	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
2009~	UP	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	
	DN	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	
Total (No. of train per day)	1986~	UP		8		8		23		15		15		15		15	
		DN		8		8		23		15		15		15		15	
	1994~	UP		11		11		26	17	15	17	15	17	15	17	15	
		DN		11		11		26	18	15	16	15	16	15	16	15	
	1999~	UP	15	15	15	15	34	30	19		19		19		19		
		DN	15	15	15	15	32	30	17		17		17		17		
	2004~	UP	23		23		42		19		19		19		19		
		DN	23		23		41		18		18		18		18		
2009~	UP	31		31		51		20		20		20		20			
	DN	31		31		50		19		19		19		19			
Line Capacity	1986~	UP		15		15		37		12		12		12			
		DN															
	1994~	UP															
		DN															
	1999~	UP															
		DN															
	2004~	UP															
		DN															
2009~	UP																
	DN																

Table 3-5-12 Number of Train by Year (NDLS~SSB)

Train	Year	Station	(NDLS)		(D)		(E) UP		(F) (DK2)		(K) (DSS1)		Rampura		SSB	
			Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan		
Passenger (one way per day)	1980~	M/E		4		4		4		5		5		5		
		L		6		6		6		16		11		11		
	1987	Total		10		10		10		21		16		16		
	1994~	M/E		4		4		4		5		5		5		
		L		9		9		9		21		14		14		
	1995	Total		13		13		13		26		19		19		
	1999~	L·E		—		—		—		—		—		—		
		M/E		5	5	5	5	5	5	6	6	6	6	6	6	6
		L		9	9	9	9	9	9	21	21	14	14	14	14	14
	2000	Total		14	14	14	14	14	14	27	27	20	20	20	20	20
	2004~	L·E		—		—		—		—		—		—		
		M/E		7	7	7	7	7	7	8	8	8	8	8	8	8
	L		11	9	11	9	11	9	25	21	16	14	16	14	14	
2005	Total		18	16	18	16	18	16	33	29	24	22	24	22	22	
2009~	L·E		—		—		—		—		—		—			
	M/E		9		9		9		10		10		10			
	L		11		11		11		29		20		20			
2010	Total		20		20		20		39		30		30			
Goods (per day)	1986~	UP		2		2		2		6		5		12		
	1987	DN		2		2		2		6		5		10		
	1994~	UP		2		2		2		6		5		25	15	
	1995	DN		2		2		2		6		5		14	14	
	1999~	UP		2		2		2		6		5		33	33	
	2000	DN		2		2		2		6		5		17	17	
	2004~	UP		2		2		2		6		5		41	33	
	2005	DN		2		2		2		6		5		21		
2009~	UP		2		2		2		6		5		50			
2010	DN		2		2		2		6		5		26			
Light Engine (per day)	1980~	UP		4		4		4		9		11		20		
	1987	DN		3		3		3		9		11		20		
	1994~	UP		4		4		4		9	9	11	11	20	20	
	1995	DN		3		3		3		9	9	11	11	20	20	
	1999~	UP		4		4		4		9	9	11	11	20	20	
	2000	DN		3		3		3		9	9	11	11	20	20	
	2004~	UP		4		4		4		9	9	11	11	20	20	
	2005	DN		3		3		3		9	9	11	11	20	20	
	2009~	UP		4		4		4		9	9	11	11	20	20	
	2010	DN		3		3		3		9	9	11	11	20	20	
Total (No. of train per day)	1986~	UP		21		21		21		36		32		48		
	1987	DN		21		21		21		36		32		46		
	1994~	UP		24		24		24		41		35		64	54	
	1995	DN		24		24		24		41		35		53	53	
	1999~	UP		25	25	25	25	25	25	44	42	36	36	73	73	
	2000	DN		25	25	25	25	25	25	44	42	36	36	57	57	
	2004~	UP		29	27	29	27	29	27	48	44	40	40	85	75	
	2005	DN		29	27	29	27	29	27	48	44	40	40	53		
2009~	UP		31		31		31		54		46		100			
2010	DN		31		31		31		54		46		76			
Line Capacity	1986~	UP	M/L	20		20		20								
			3rd	8		8		8		38		38		38		
	1987	DN	Ring L (3)			(3)		(3)		(3)		—		—		DLI Area Local
	1994~	UP								75		75		75		
	1995	DN	Ring L (5)			(5)		(5)		(5)		—		—		DLI Area Local
	2004~	UP														
	2005	DN														
2009~	UP															
2010	DN															

Table 3-5-13 Number of Train by Year (DLI~SSB)

Train	Year	Station	(DLI)		(E) → UP		(P) (OKZ)		(K) (SSB)		
			Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	
Passenger (one way per day)	1986~	M/E		1		1				(1)	
		L		10		10				(10)	
	1987	Total		11		11				(11)	
	1994~	M/E		1		1				(1)	
		L		12		12				(12)	
	1995	Total		13		13				(13)	
	1999~	L·E									
		M/E	1	1	1	1			(1)	(1)	
	2000	L	12	12	12	12			(12)	(12)	
		Total	13	13	13	13			(13)	(13)	
	2004~	L·E									
		M/E	1	1	1	1			(1)	(1)	
	2005	L	14	12	14	12			(14)	(12)	
		Total	15	13	15	13			(15)	(13)	
	2009~	L·E									
		M/E	1	1	1	1			(1)	(1)	
	2010	L	18	12	18	12			(18)	(12)	
		Total	19	13	19	13			(19)	(13)	
Goods (per day)	1986~	UP		4		4					
		DN		4		4					
	1994~	UP	4	4	4	4					
		DN	4	4	4	4					
	1999~	UP	4	4	4	4					
		DN	4	4	4	4					
	2004~	UP	4	4	4	4					
		DN	4	4	4	4					
	2009~	UP	4		4						
		DN	4		4						
Light Engine (per day)	1986~	UP		5		5					
		DN		5		5					
	1994~	UP	5	5	5	5					
		DN	5	5	5	5					
	1999~	UP	5	5	5	5					
		DN	5	5	5	5					
	2004~	UP	5	5	5	5					
		DN	5	5	5	5					
	2009~	UP	5		5						
		DN	5		5						
Total (No. of train per day)	1986~	UP		20		20					
		DN		20		20					
	1994~	UP	22	22	22	22					
		DN	22	22	22	22					
	1999~	UP	22	22	22	22					
		DN	22	22	22	22					
	2004~	UP	24	22	24	22					
		DN	24		24						
	2009~	UP	28		28						
		DN	28		28						
Line Capacity	1986~	UP		26		26					
		DN	Ring L (2)		(2)			(2)	DLI Area Local		
	1994~	UP									
		DN	Ring L (2)		(2)			(2)	DLI Area Local		
	1999~	UP									
		DN									
	2004~	UP									
		DN									
	2009~	UP									
		DN									

Table 3-5-14 Number of Train by Year  
(M/L)(TKJ~NZM~OKA~TKD)

Train	Year	Station	UP											
			TKJ		NZM		OKA		TKD					
			Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan				
Passenger (one way per day)	1986~	M/E		20		22								
		L		18		11								
	1987	Total		38		33								
	1994~	M/E	21	21	27	23	27	23						
		L	24	24	18	15	18	15						
	1995	Total	45	45	45	38	45	38						
	1999~	L·E	1	1	1	1	1	1						
		M/E	32	20	32	22	32	22						
	2000	L	22	24	22	15	22	15						
		Total	55	45	55	38	55	38						
	2004~	L·E	2		2		2							
		M/E	42		42		42							
2005	L	29		29		29								
	Total	73		73		73								
2009~	L·E	2		2		2								
	M/E	52		52		52								
2010	L	36		36		36								
	Total	90		90		90								
Goods (per day)	1986~	UP		9		4								
		DN		9		4								
	1994~	UP	13	9	5	5	5	0						
		DN	18	9	5	5	5	0						
	1999~	UP	16		7		7							
		DN	24		7		7							
	2004~	UP	20		8		8							
		DN	26		7		7							
	2009~	UP	24		10		10							
		DN	28		7		7							
	1986~	UP		18		13		13						
		DN		18		13		13						
1994~	UP	18	18	13	13	13	13							
	DN	18	18	13	13	13	13							
1999~	UP	18	18	13	13	13	13							
	DN	18	18	13	13	13	13							
2004~	UP	18	18	13	13	13	13							
	DN	18	18	13	13	13	13							
2009~	UP	18	18	13	13	13	13							
	DN	18	18	13	13	13	13							
Total (No. of train per day)	1986~	UP		65		50		50						
		DN		65		50		50						
	1994~	UP	76	72	63	56	63	51						
		DN	81	72	63	56	63	51						
	1999~	UP	89		75		75							
		DN	97		75		75							
	2004~	UP	111		94		94							
		DN	117		93		93							
	2009~	UP	132		113		113							
		DN	136		110		110							
	Line Capacity	1986~	UP		67		57		57					
			DN											
1994~		UP		70		75		75						
		DN		(10)									New construction of passage line	
1999~		UP												
		DN												
2004~		UP												
		DN												
2009~		UP												
		DN												

Table 3-5-15 Number of Train by Year  
(GAL/DAL) TKJ~NZM~OKA~TKD

Train	Year	Station	TKJ		NZM → UP		OKA		TKD					
			Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan				
Passenger (one way per day)	1986~	M/E												
		L												
	1987	Total												
	1994~	M/E												
		L												
	1995	Total												
	1999~	L·E												
		M/E												
	2000	L												
		Total												
	2004~	L·E												
		M/E												
2005	L													
	Total													
2009~	L·E													
	M/E													
2010	L													
	Total													
Goods (per day)	1986~	UP			28			19			35	※		
	1987	DN			28			19		35	total	PTRR	NZM	
	1994~	UP	50	42	32	33	25	24	56	41	41	△15	△7	△8
	1995	DN	47	35	32	34	19	20	64	37	42	△27	△12	△15
	1999~	UP	65	51	87	42	28	39	69	45	59	△24	△10	△14
	2000	DN	59	36	50	42	19	22	81	39	50	△42	△19	△23
	2004~	UP	81	61	67	53	33	39	88	52	59	△36	△16	△20
	2005	DN	74	41	50	54	21	22	103	42	50	△61	△28	△33
	2009~	UP	97	70		64	37	39	105	56	59	△49	△22	△27
	2010	DN	90	43		65	22	22	124	46	50	△78	△35	△43
Light Engine (per day)	1986~	UP			9			9			14			
	1987	DN			9			9			14			
	1994~	UP	9	9		9	9		14	14				
	1995	DN	9	9		9	9		14	14				
	1999~	UP	9	9		9	9		14	14				
	2000	DN	9	9		9	9		14	14				
	2004~	UP	9	9		9	9		14	14				
	2005	DN	9	9		9	9		14	14				
	2009~	UP	9	9		9	9		14	14				
	2010	DN	9	9		9	9		14	14				
Total (No. of train per day)	1986~	UP			37			28			49			
	1987	DN			37			28			49			
	1994~	UP	59	51	41	42	34	33	70	55	55			
	1995	DN	56	44	41	43	28	29	78	51	56			
	1999~	UP	74	60	76	51	37	48	83	59	73			
	2000	DN	68	45	59	51	28	31	95	53	64			
	2004~	UP	90	70		62	42		102	66				
	2005	DN	93	50		63	30		117	56				
	2009~	UP	106	79		73	46		119	70				
	2010	DN	99	56		74	31		132	60				
Line Capacity	1986~	UP			40			35			40			
	1987	DN												
	1994~	UP			45			45			75			
	1995	DN												
	1999~	UP			75			75						
	2000	DN												
	2004~	UP												
	2005	DN												

Note.1

Note.2

Note 1. ※ shows presumed reduction in numbers of trains due to a bottleneck beyond TKD.

Note 2. Right figures in column of Req. show necessary number of trains in case of suppressing demand beyond TKD.

Table 3-5-16 Number of Train by Year (M.G)(DE (DSB)~RE)

Train	Year	Station	DE (DSB)		(PTRR) DEE		(BWSN) PN		GGN (GHH) RR		→ UP
			Req.	Plan	Req.	Plan	Req.	Plan	Req.	Plan	
Passenger (one way per day)	1986~	M/E		11		11		11		11	
		L		8		9		8		5	
	1987	Total		19		20		19		16	
	1994~	M/E			14	12	13	12	11	12	
		L			10	10	9	9	11	6	
	1995	Total			24	22	22	21	22	18	
	1999~	L·E									
		M/E			16	16	15	16	12	16	
	2000	L			11	11	10	10	13	12	
		Total			27	27	25	26	25	28	
	2004~	L·E									
		M/E			21	21	19	21	16	21	
2005	L			14	14	13	13	17	17		
	Total			35	35	32	34	33	38		
2009~	L·E										
	M/E			27	27	24	27	20	27		
2010	L			17	17	16	16	20	20		
	Total			44	44	40	43	40	47		
Goods (per day)	1986~	UP				8		7		7	
	1987	DN				9		9		7	
	1994~	UP			14	13	13	13	13	13	
	1995	DN			10	13	16	13	16	13	
	1999~	UP			18	2	16	16	16	16	
	2000	DN			20	2	20	20	20	20	
	2004~	UP			23	3	21	21	21	21	
	2005	DN			26	3	26	26	26	26	
2009~	UP			28	4	25	25	25	25		
2010	DN			31	4	31	31	31	31		
Light Engine (per day)	1986~	UP				1		1		1	
	1987	DN				1		1		1	
	1994~	UP			1	1	1	1	1	1	
	1995	DN			1	1	1	1	1	1	
	1999~	UP			1	1	1	1	1	1	
	2000	DN			1	1	1	1	1	1	
	2004~	UP			1	1	1	1	1	1	
	2005	DN			1	1	1	1	1	1	
2009~	UP			1	1	1	1	1	1		
2010	DN			1	1	1	1	1	1		
Total (No. of train per day)	1986~	UP				29		27		24	
	1987	DN				30		29		24	
	1994~	UP			39	36	36	35	36	32	
	1995	DN			41	35	39	35	39	32	
	1999~	UP			46	30	42	43	42	45	
	2000	DN			48	30	46	47	40	40	
	2004~	UP			59	39	54	46	55	60	
	2005	DN			62	39	59	61	60	65	
2009~	UP			73	49	66	69	66	73		
2010	DN			76	49	72	75	72	79		
Line Capacity	1986~	UP		33		33		33	33	27	33
	1987	DN								KIP	
	1994~	UP		35		35		35		35	
	1995	DN									
	1999~	UP		75		75		75		75	
	2000	DN									
	2004~	UP									
2005	DN										
2009~	UP										
2010	DN										

Note: MG Passenger facilities at Delhi is shifted to Patel Nagar, Goods to Rijwasan by 1999-2000.



3 - 6 Traffic Volume per Train on Main Sections (Passenger trains)

Table 3-6-1 G Z B ~ T D L

Year	Station	G Z B						D K D E						K R J						A L J N						T D L	
		No. of train		Capacity		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity					
		Per day	Per train	Per day	Per train		Per day	Per train		Per day	Per train		Per day	Per train		Per day	Per train		Per day	Per train		Per day	Per train	Per day	Per train		
1. Nov. 1988	M/E	16.28	17,094	1,050	1,054	16.28	17,094	1,054	1,054	16.28	17,914	1,054	1,054	16.28	17,914	1,100	1,100	16.28	17,914	1,100	1,100	16.28	17,914	1,100	1,100		
	L	5	5,948	1,190	1,169	4	4,674	1,169	1,169	3	3,264	1,088	1,088	5	3,184	1,088	1,088	5	3,184	1,088	1,088	5	3,184	1,088	1,088		
	total	21.28	23,042	-	-	20.28	21,768	-	-	19.28	21,178	-	-	21.28	21,098	-	-	21.28	21,098	-	-	21.28	21,098	-	-		
1994-1995	M/E	18.14	23,006	1,268	1,262	18.14	23,006	1,262	1,262	18.14	23,826	1,313	1,313	18.14	23,826	1,313	1,313	18.14	23,826	1,313	1,313	18.14	23,826	1,313	1,313		
	L	8	9,304	1,163	1,172	7	8,224	1,172	1,172	6	6,814	1,135	1,135	6	4,344	1,135	1,135	6	4,344	1,135	1,135	6	4,344	1,135	1,135		
	total	26.14	32,310	-	-	25.14	31,230	-	-	24.14	30,640	-	-	24.14	28,170	-	-	24.14	28,170	-	-	24.14	28,170	-	-		

Table 3-6-2 G Z B ~ M B

Year	Station	G Z B						H P U						G J L						M B					
		No. of train		Capacity		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity						
		Per day	Per train	Per day	Per train		Per day	Per train		Per day	Per train		Per day	Per train		Per day	Per train		Per day	Per train					
1. Nov. 1988	M/E	6	5,883	981	981	6	5,883	981	981	5	4,803	961	961	5	4,803	961	961	5	4,803	961	961	5	4,803	961	961
	L	5	4,032	806	754	3	2,262	754	754	3	2,262	754	754	3	2,262	754	754	3	2,262	754	754	3	2,262	754	754
	total	11	9,915	-	-	9	8,145	-	-	8	7,065	-	-	8	7,065	-	-	8	7,065	-	-	8	7,065	-	-
1994-1995	M/E	6	7,661	1,277	1,277	6	7,661	1,277	1,277	5	6,211	1,242	1,242	5	6,211	1,242	1,242	5	6,211	1,242	1,242	5	6,211	1,242	1,242
	L	5	7,902	1,508	1,474	3	4,222	1,474	1,474	3	4,422	1,474	1,474	3	4,422	1,474	1,474	3	4,422	1,474	1,474	3	4,422	1,474	1,474
	total	11	15,563	-	-	9	12,083	-	-	8	10,633	-	-	8	10,633	-	-	8	10,633	-	-	8	10,633	-	-

Table 3-6-3 G Z B ~ M T C ~ S R E

Year	Station	G Z B			M T C			S R E			
		No. of train	Capacity		No. of train	Capacity	Per day	Per train	Capacity	Per day	Per train
			Per day	Per train							
1. Nov. 1988	M/E	6	5,441	907	6	5,441	907	5,441	907	907	
	L	5	4,496	899	4	3,222	806	3,222	806	806	
	total	11	9,937	-	10	8,663	-	8,663	-	-	-
1994-1995	M/E	6	6,353	1,059	6	6,353	1,059	6,353	1,059	1,059	
	L	7	6,636	948	4	4,482	1,121	4,482	1,121	1,121	
	total	13	12,989	-	10	10,825	-	10,825	-	-	-

Table 3-6-4 D S A ~ S M Q L ~ S R E

Year	Station	D S A			S M Q L			S R E			
		No. of train	Capacity		No. of train	Capacity	Per day	Per train	Capacity	Per day	Per train
			Per day	Per train							
1. Nov. 1988	M/E	1	960	960	1	960	960	960	960	960	
	L	6	5,320	887	6	5,320	887	5,320	887	887	
	total	7	6,280	-	7	6,280	-	6,280	-	-	-
1994-1995	M/E	1	960	960	1	960	960	960	960	960	
	L	6	7,480	1,247	6	7,480	1,247	7,480	1,247	1,247	
	total	7	8,440	-	7	8,440	-	8,440	-	-	-

Table 3-6-5 SZM~NDAZ~PNP~UMB

Year	Station	SZM			NDAZ			PNP			KKDE			UMB	
		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity		Per day	Per train
			Per day	Per train		Per day	Per train		Per day	Per train		Per day	Per train		
1. Nov. 1988	M/E	9.15	8,850	967	9.15	8,850	967	9.15	9,184	1,004	9.15	9,184	9.184	1,004	
	L	9	9,674	1,075	9	9,674	1,075	6	5,360	893	5	4,086	4.086	817	
	total	18.15	18,524	-	18.15	18,524	-	15.15	14,544	-	14.15	13,270	-	-	
1994-1995	M/E	9.15	12,784	1,397	9.15	12,784	1,397	9.15	13,082	1,430	9.15	13,082	13.082	1,430	
	L	12	14,954	1,246	12	14,954	1,246	6	6,530	1,088	5	5,076	5.076	1,015	
	total	21.15	27,738	-	21.15	27,738	-	15.15	19,612	-	14.15	18,158	-	-	

Table 3-6-6 SSB~ROK~JHL

Year	Station	SSB			ROK			JHI			NRW			JHL	
		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity		Per day	Per train
			Per day	Per train		Per day	Per train		Per day	Per train		Per day	Per train		
1. Nov. 1988	M/E	4.57	4,340	950	3.57	3,246	909	3.57	3,246	909	3.57	3,246	3.246	909	
	L	9	8,392	932	5	3,610	722	5	2,550	510	3	1,690	1,690	563	
	total	13.57	12,732	-	8.57	6,856	-	8.57	5,796	-	6.57	4,936	-	-	
1994-1995	M/E	4.57	5,178	1,133	3.57	4,084	1,144	3.57	4,084	1,144	3.57	4,084	4.084	1,144	
	L	12	14,025	1,169	5	6,760	1,352	5	5,340	1,068	3	3,760	3,760	1,253	
	total	16.57	19,203	-	8.57	10,844	-	8.57	9,424	-	6.57	7,844	-	-	

Table 3-6-7 N Z M ~ P W L ~ M T J

Year	Station	N Z M			B V H			P W L			M T J		
		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity	
			Per day	Per train		Per day	Per train		Per day	Per train		Per day	Per train
1. Nov. 1988	M/E	21.86	21,857	1,000	21.86	21,857	1,000	21.86	21,857	1,000	21.86	21,857	1,000
	L	11	12,856	1,169	10	11,776	1,178	2	2,016	1,008			
	total	32.86	34,713	-	31.86	33,633	-	23.86	23,873	-			
1994-1995	M/E	23	26,750	1,163	23	26,750	1,163	23	26,750	1,163			
	L	15	20,956	1,397	14	19,876	1,420	2	3,636	1,818			
	total	38	47,706	-	37	46,626	-	25	30,386	-			

Table 3-6-8 D L I ~ R E ( M. G )

Year	Station	D L I			D S B			D E E			P M			G H H			R E	
		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity		No. of train	Capacity		Per day	Per train
			Per day	Per train		Per day	Per train		Per day	Per train		Per day	Per train		Per day	Per train		
1. Nov. 1988	M/E	11	7,208	655	11	7,208	655	11	7,208	655	11	7,208	655	11	7,208	655		
	L	7.86	6,050	770	8.86	6,450	728	8	5,688	711	5	3,558	712					
	total	18.86	13,258	-	19.86	13,658	-	19	12,896	-	16	10,766	-					
1994-1995	M/E	11	10,056	914	11	10,056	914	11	10,056	914	11	10,056	914	11	10,056	914		
	L	8.86	6,850	773	9.86	7,250	735	9	6,488	721	6	4,358	726					
	total	19.86	16,906	-	20.86	17,306	-	20	16,544	-	17	14,414	-					

Table 3-6-9 Delhi Area Local

Year	Station	N Z M				P T N R				N D L S				T K J				N Z M	
		No. of train		Capacity		No. of train		Capacity		No. of train		Capacity		No. of train		Capacity		Capacity	
		Per day	Per train	Per day	Per train	Per day	Per train	Per day	Per train	Per day	Per train	Per day	Per train	Per day	Per train	Per day	Per train	Per day	Per train
1. Nov. 1988	M/E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	L	5	2,540	508	508	5	2,540	933	933	12	11,198	933	933	7	5,154	736	736	736	736
	total	5	2,540	-	-	5	2,540	-	-	12	11,198	-	-	7	5,154	-	-	-	-
1994-1995	M/E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	L	7	4,700	671	671	7	4,700	380	380	17	15,638	920	920	9	6,354	706	706	706	706
	total	7	4,700	-	-	7	4,700	-	-	17	15,638	-	-	9	6,354	-	-	-	-

Year	Station	N D L S				D L I				D S A				S B B				G Z B	
		No. of train		Capacity		No. of train		Capacity		No. of train		Capacity		No. of train		Capacity		Capacity	
		Per day	Per train	Per day	Per train	Per day	Per train	Per day	Per train	Per day	Per train	Per day	Per train	Per day	Per train	Per day	Per train	Per day	Per train
1. Nov. 1988	M/E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	L	6	6,040	1,007	1,007	6	6,594	1,099	1,099	6	6,594	1,099	1,099	10	11,108	1,111	1,111	1,111	1,111
	total	6	6,040	-	-	6	6,594	-	-	6	6,594	-	-	10	11,108	-	-	-	-
1994-1995	M/E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	L	9	9,280	1,031	1,031	9	9,834	1,093	1,093	9	9,834	1,093	1,093	16	17,508	1,094	1,094	1,094	1,094
	total	9	9,280	-	-	9	7,833	-	-	9	9,834	-	-	16	17,508	-	-	-	-

Year	Station	TKJ			S B B	
		No. of train	Capacity		Per day	Per train
			Per day	Per train		
1. Nov. 1988	M/E	-				
	L	4	4,514	1,129		
	total	4	4,514	-		
1994- 1995	M/E	-				
	L	6	10,914	1,819		
	total	6	10,914	-		

3 - 7 Traffic Volume per Train on Main Sections (Goods trains)

Table 3-7-1

section	UP	DN	section	UP	DN
GZB - TDL	1900	880	SSB - JHL	800	800
GZB - M B	750	1080	Rampura- NDAZ	1600	900
GZB - SRE	1000	1030	LPNR - PTNR	1500	760
GZB - SBB	1500	850	PTNR -Rampur	1440	880
DSA - SRE	1100	700	NZM - MTJ	600	1400
<A>Panc- <B>P	900	1150	TKJ-TKD<GAL>	1500	700
NDAZ - UMB	1480	920	DLI-RE<M.G>	900	730

unit: Ton

3 - 8 Number of Incoming Passenger Trains

Table 3-8-1 Number of Incoming Passenger Trains at Delhi and New Delhi Stations Necessary to Meet Estimated Demand (one way per day)

Station	Year	For GZB	For TKD (NDLS)	For DLI DSA	For NDAZ	For SSB	Total
New Delhi	1988 Nov.	15 6 21	20 18 38	5 14 19	8 4 12	4 6 10	52 48 100
	1994	17 9	21 24	5 17	8 4	4 9	55 63
	1995	26	45	22	12	13	118
	1999	25 10	33 22	5 17	9 4	5 10	77 63
	2000	35	55	22	13	15	140
	2004	34 12	44 29	5 17	9 4	7 11	99 73
	2005	46	73	22	13	18	172
New Delhi	2009	42 12	54 36	5 17	9 4	9 11	119 80
	2010	54	90	22	13	20	199
Delhi	1988 Nov.	13 18 31	5 13 18	1 6 7	2 5 7	1 10 11	22 52 74(77)
	1994	13 26	5 16	2 6	2 8	1 12	23 68
	1995	39	21	8	10	13	91(94)
	1999	20 28	5 16	2 7	5 9	1 12	33 72
	2000	48	21	9	14	13	105(108)
	2004	27 36	5 16	2 10	9 13	1 14	44 89
	2005	63	21	12	22	15	133(136)
Delhi	2009	34 43	5 16	3 12	13 17	1 18	56 106
	2010	77	21	15	30	19	162(165)
Total	1988 Nov.	28 24 52	25 31 56	6 20 26	10 9 19	5 16 21	74 100 174(177)
	1994	30 35	26 40	7 23	10 12	5 21	78 131
	1995	65	66	30	22	26	209(212)
	1999	45 38	38 38	7 24	14 13	6 22	110 135
	2000	83	76	31	27	28	245(248)
	2004	61 48	49 45	7 27	18 17	8 25	143 162
	2005	109	94	34	35	33	305(308)
Total	2009	76 55	59 52	8 29	22 21	10 29	175 186
	2010	131	111	37	43	39	361(364)

Note: For the period after 1994-1995, it is projected that the number of local train and trains between DLI and NDLS will not change.

15	----- Mail/Express	15	
6	----- Local Passenger	74(77)	----- including 1 holiday speci
21	----- Total		2 parcel trains



