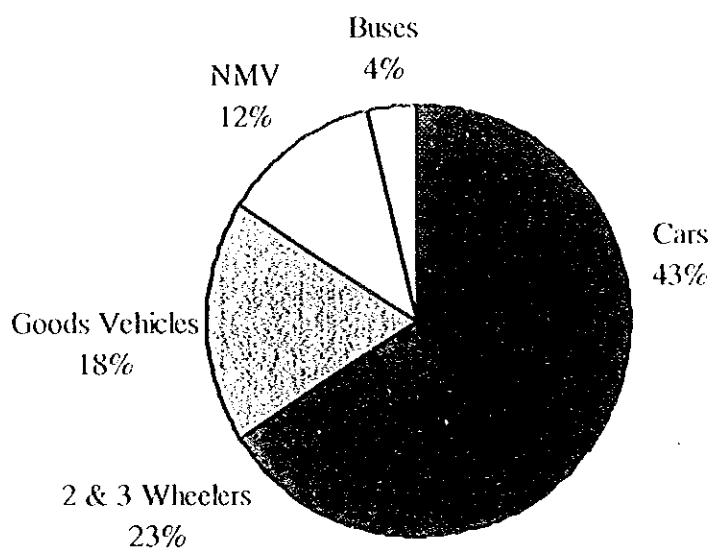


Appendix to Chapter 4

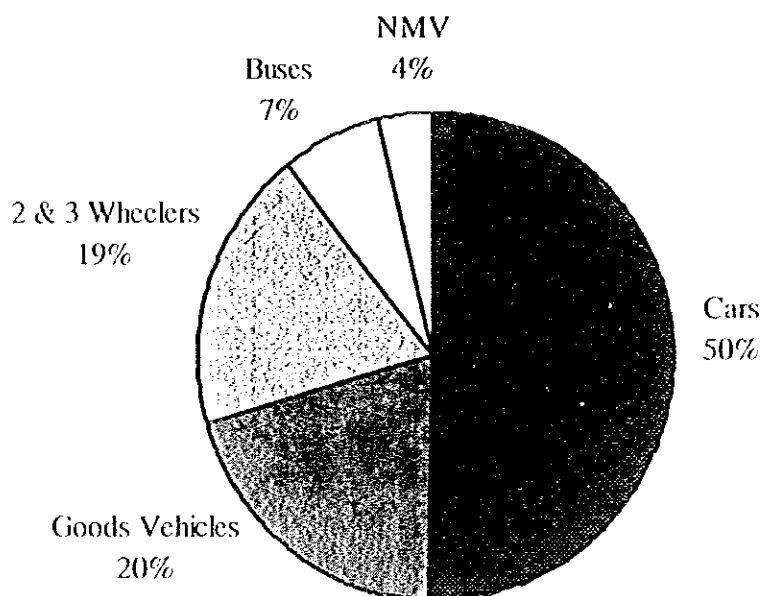
1. **Vehicular Composition at Survey Sites**
2. **Traffic Count Distribution**
3. **Travel Time Speeds**
4. **Results of Interview Survey**

**Appendix 4.1.1 Vehicular Composition at Survey Sites
(Two Way Traffic-24 Hour Count)**

Boundary of Delhi - NH 2

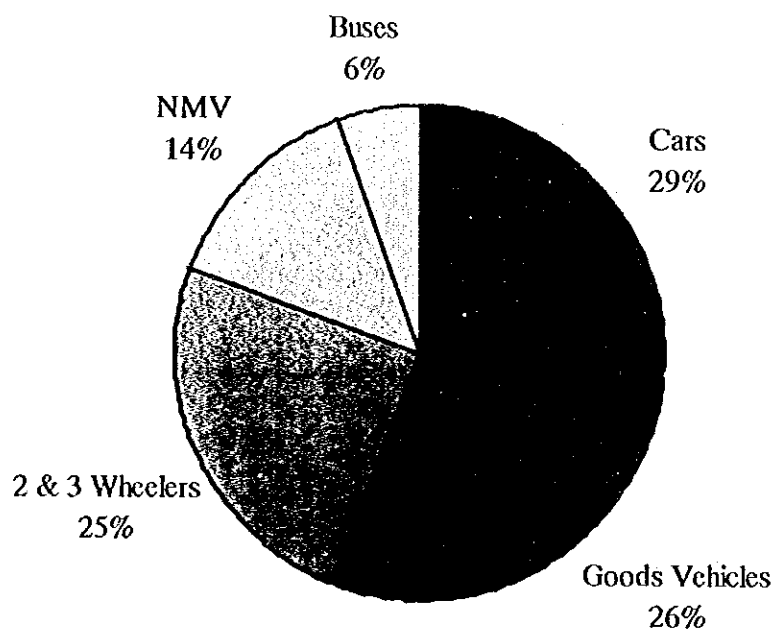


Boundary of Delhi - NH 8

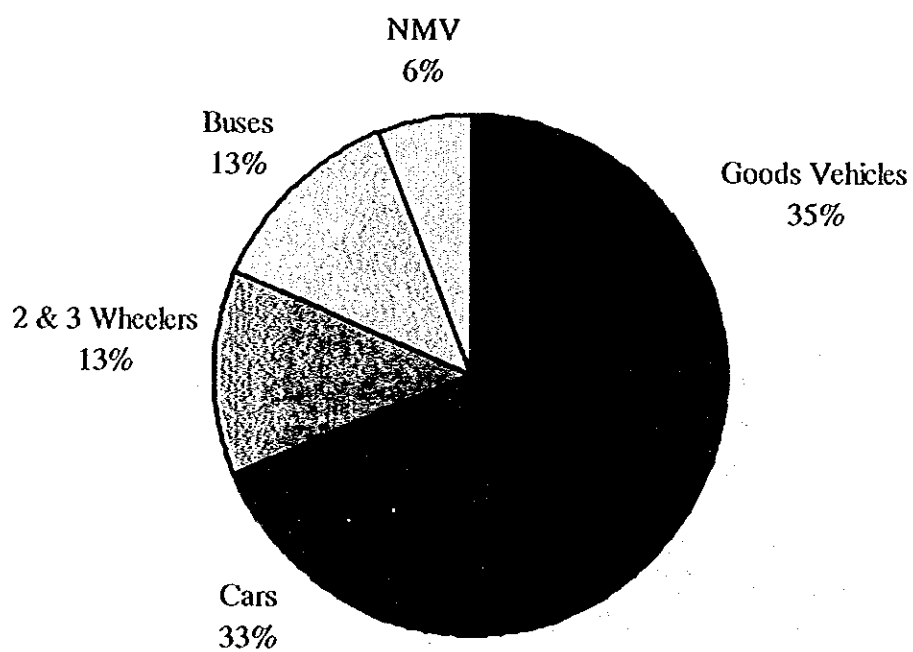


**Appendix 4.1.2 Vehicular Composition at Survey Sites
(Two Way Traffic-24 Hour Count)**

Boundary of Delhi - NH 10

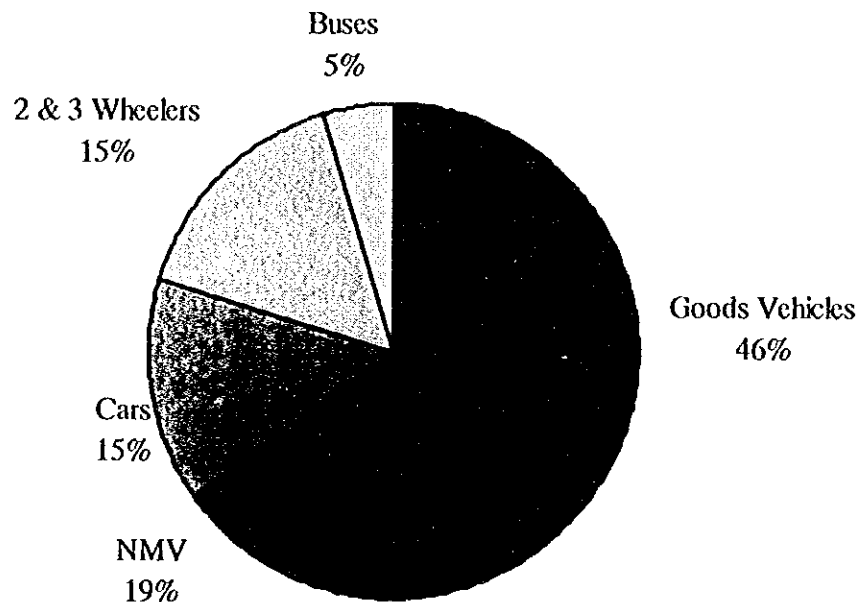


Boundary of Delhi - NH 1

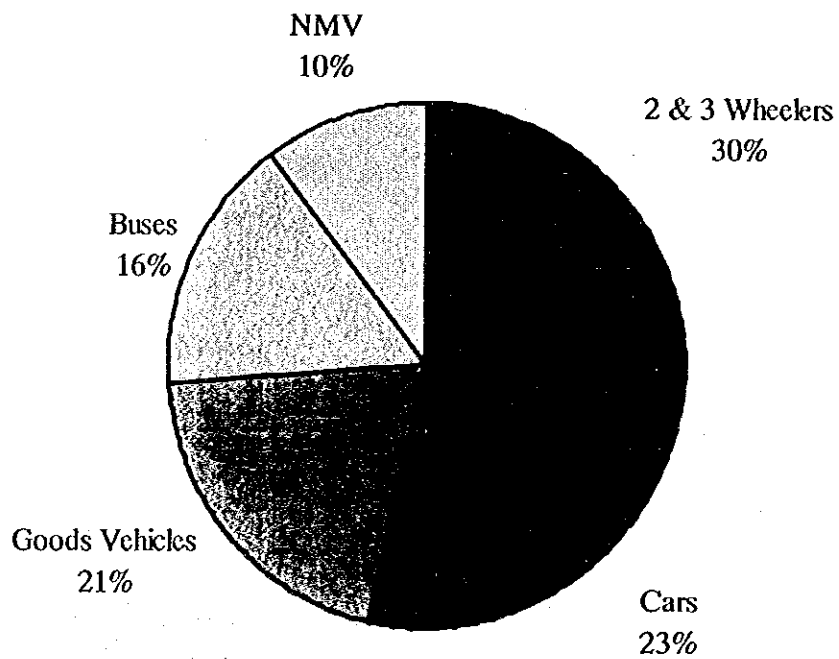


**Appendix 4.1.3 Vehicular Composition at Survey Sites
(Two Way Traffic-24 Hour Count)**

Boundary of Delhi - SH 58

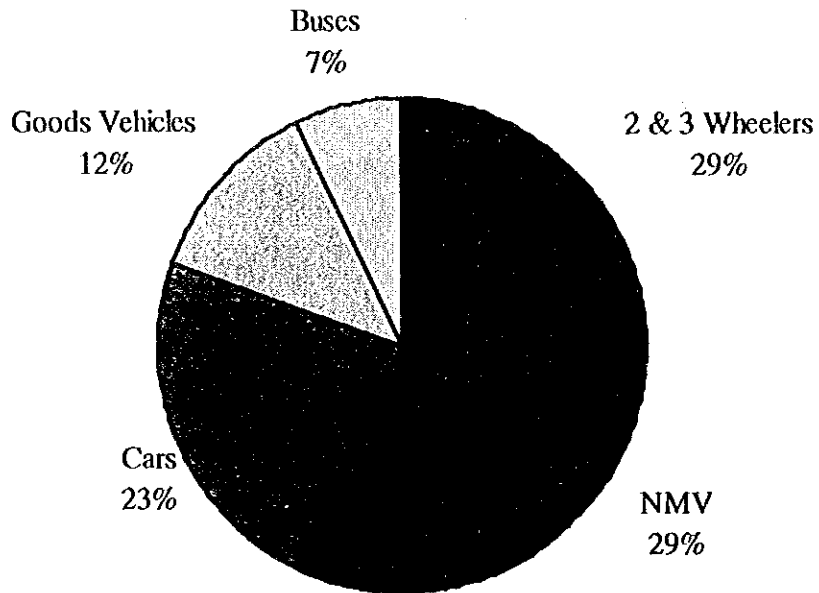


Bridge over Hindan - NH 24

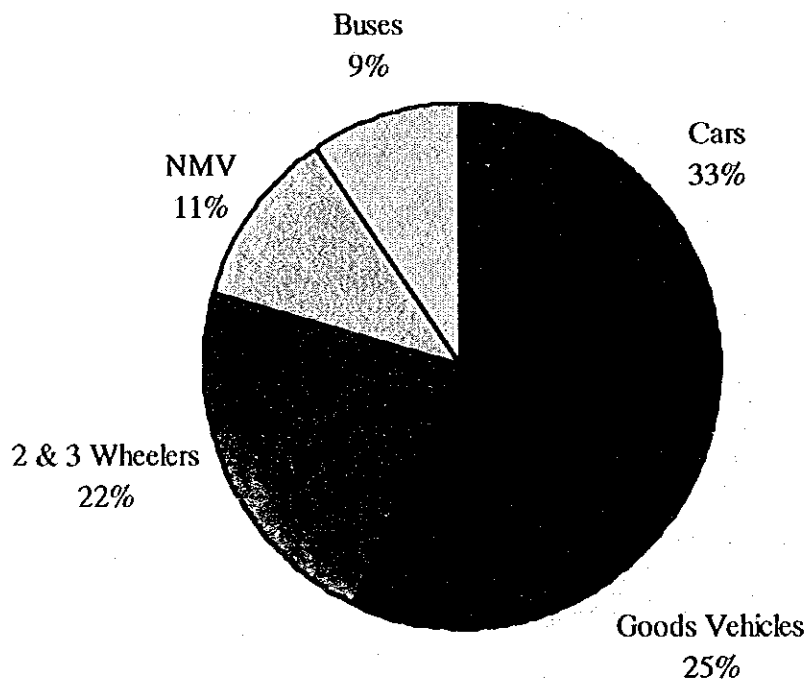


**Appendix 4.1.4 Vehicular Composition at Survey Sites
(Two Way Traffic-24 Hour Count)**

Bridge over Hindan - NH 24 By Pass

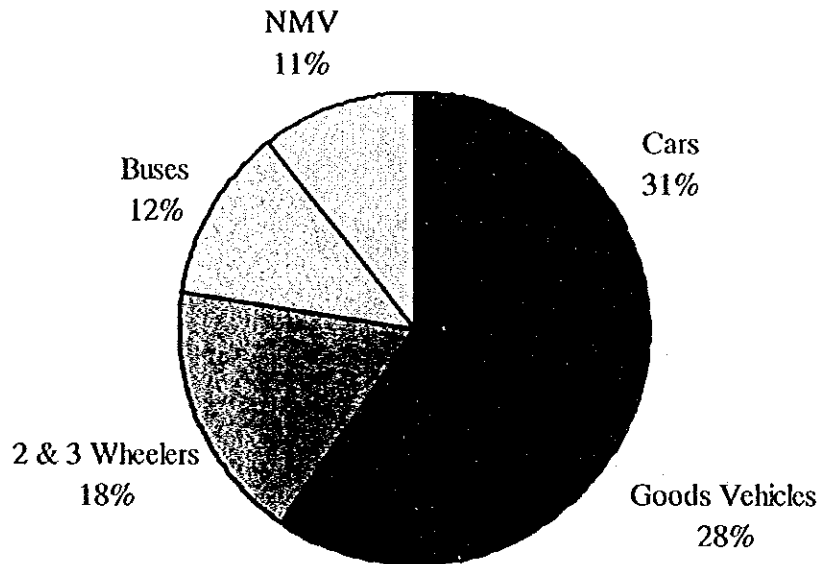


Ghaziabad - Modinagar - NH 58

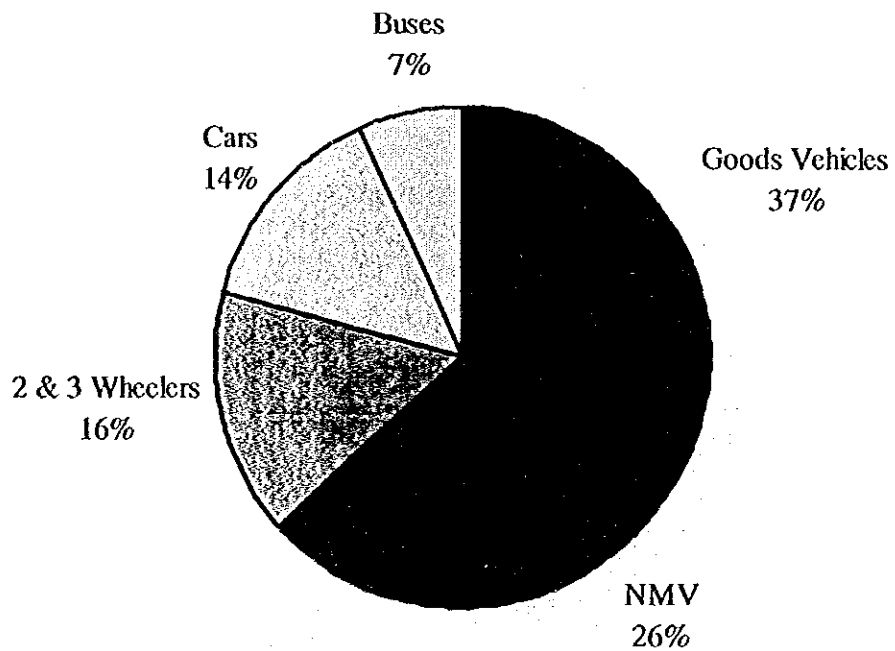


**Appendix 4.1.5 Vehicular Composition at Survey Sites
(Two Way Traffic-24 Hour Count)**

Modinagar - Meerut - NH 58

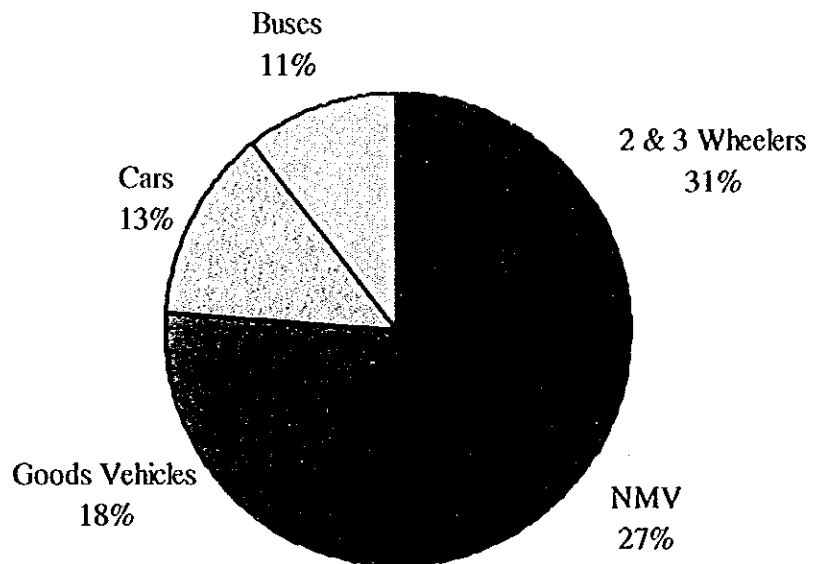


Meerut - Baghpat - SH 14

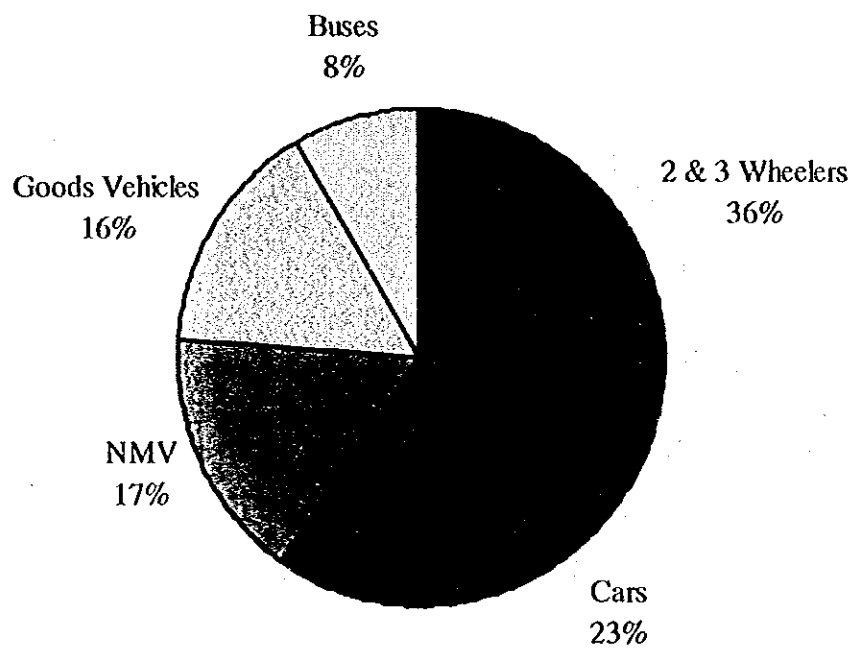


**Appendix 4.1.6 Vehicular Composition at Survey Sites
(Two Way Traffic-24 Hour Count)**

Yamuna River and Wazirabad Bridge

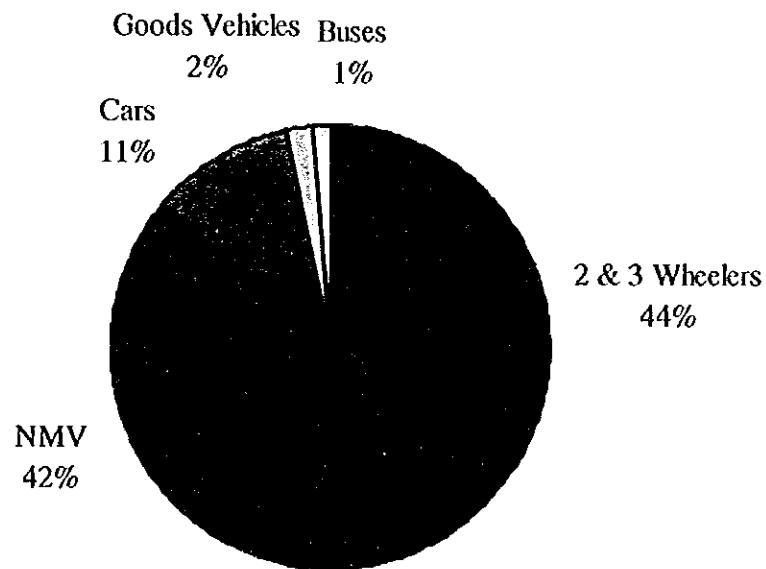


Yamuna River - ISBT Bridge

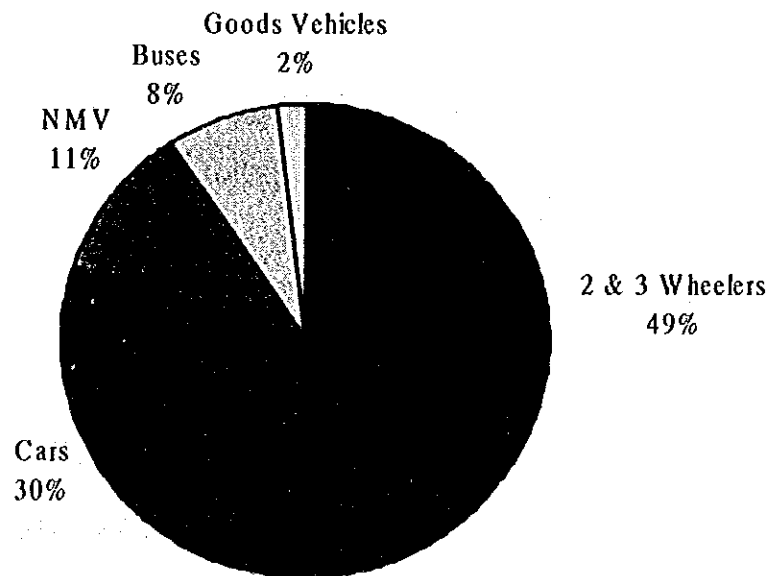


**Appendix 4.1.7 Vehicular Composition at Survey Sites
(Two Way Traffic-24 Hour Count)**

Yamuna River - Yamuna Bridge

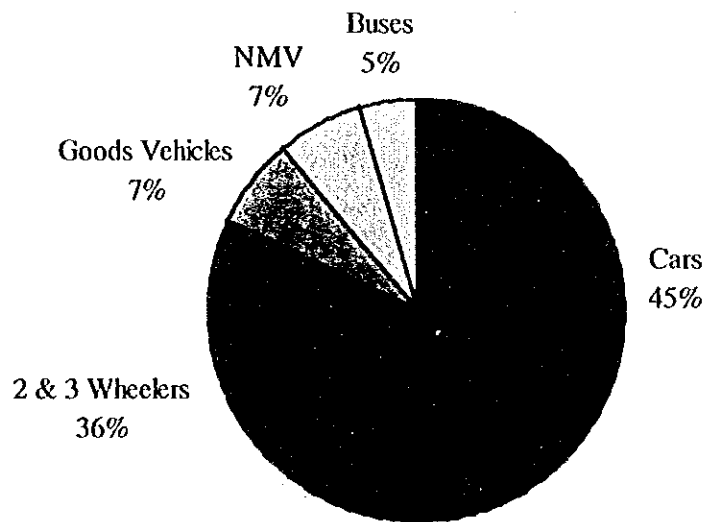


Yamuna River and ITO Bridge

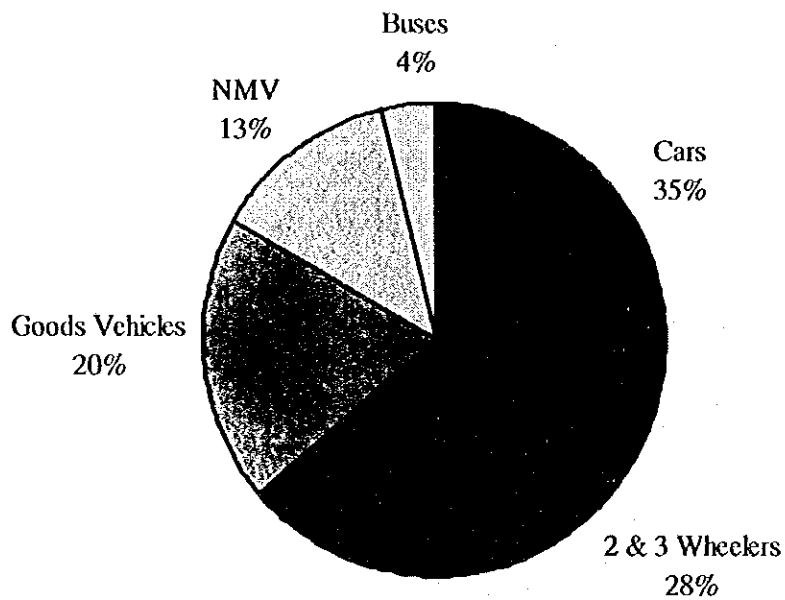


**Appendix 4.1.8 Vehicular Composition at Survey Sites
(Two Way Traffic-24 Hour Count)**

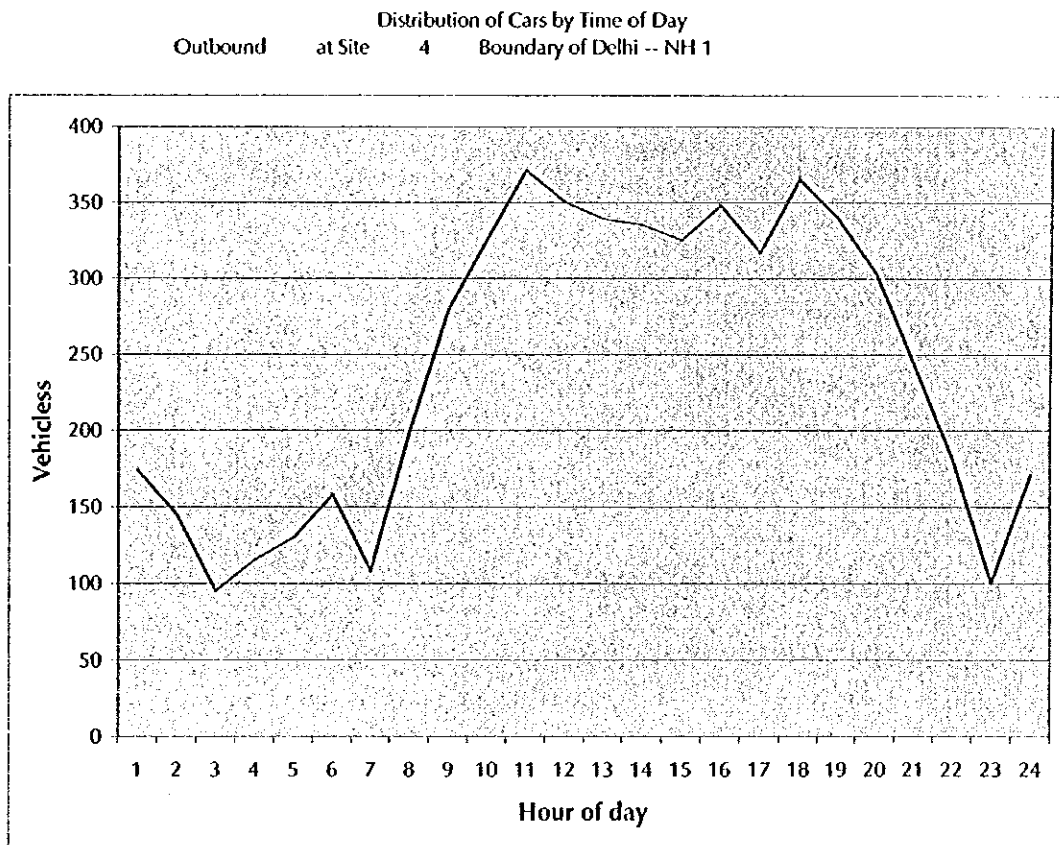
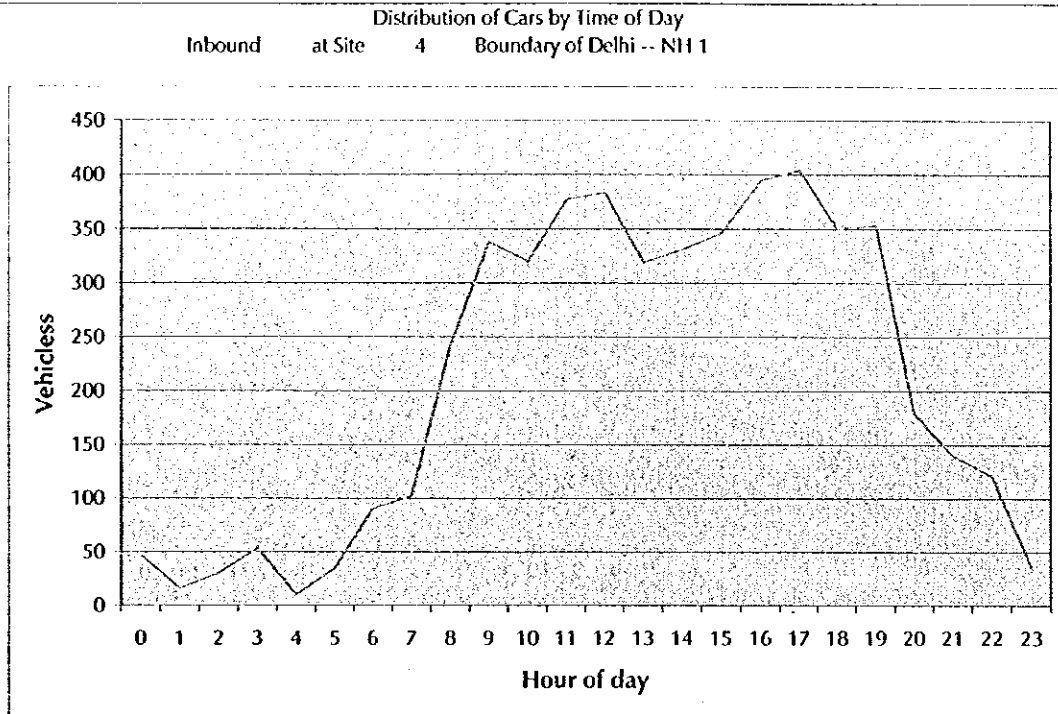
Yamuna River - Nnizammudin Bridge



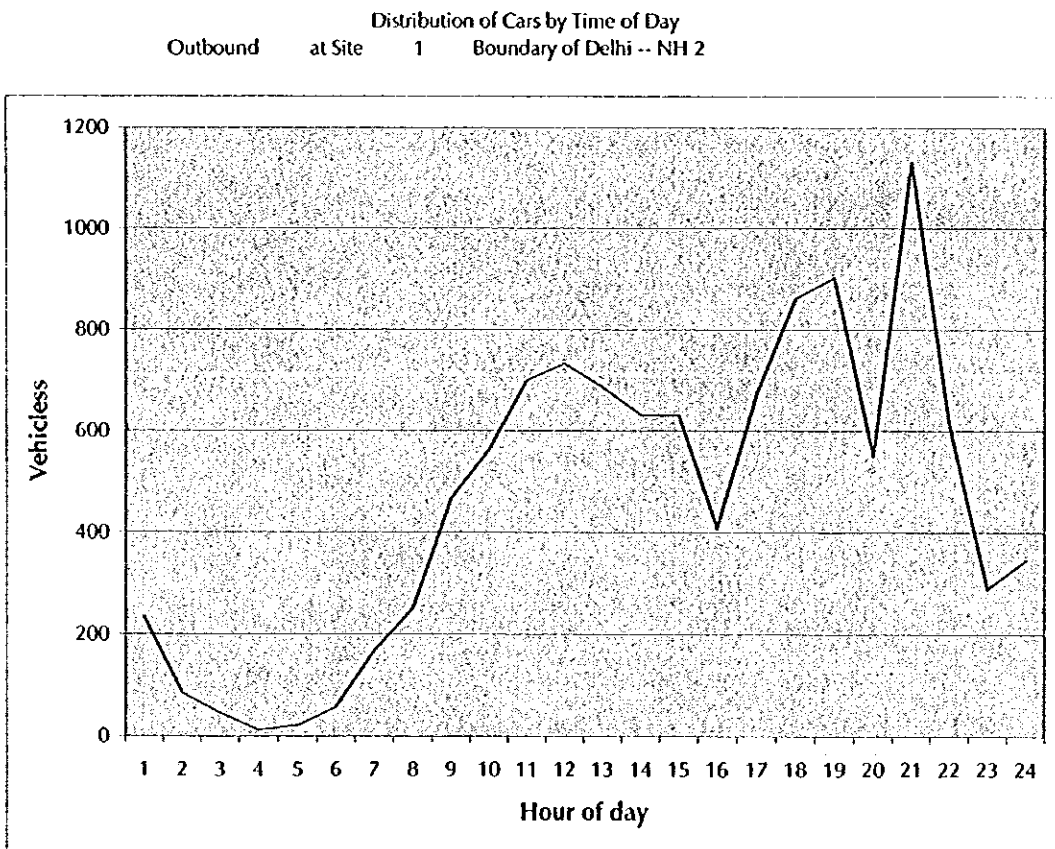
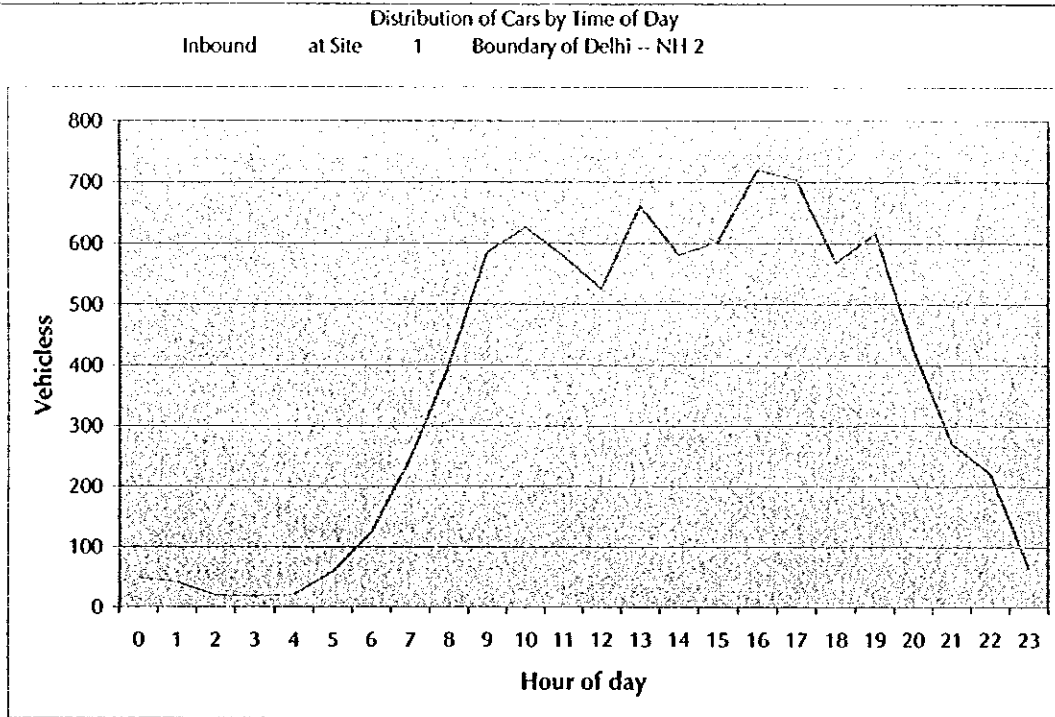
Yamuna River - Okhla Bridge



Appendix 4.2.1 Traffic Count Distribution on NH1

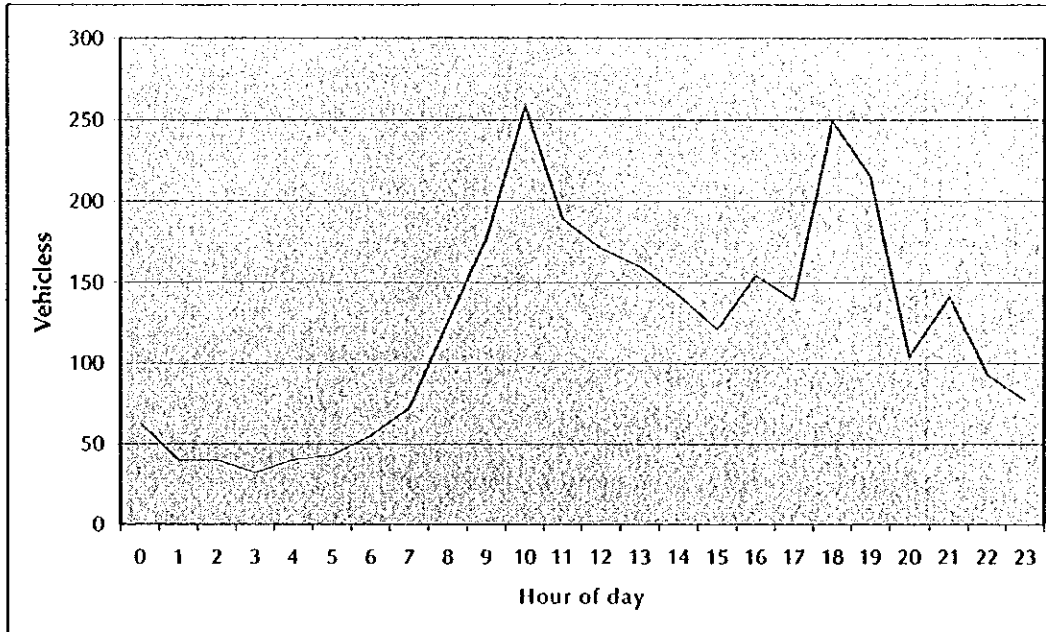


Appendix 4.2.2 Traffic Count Distribution on NH2

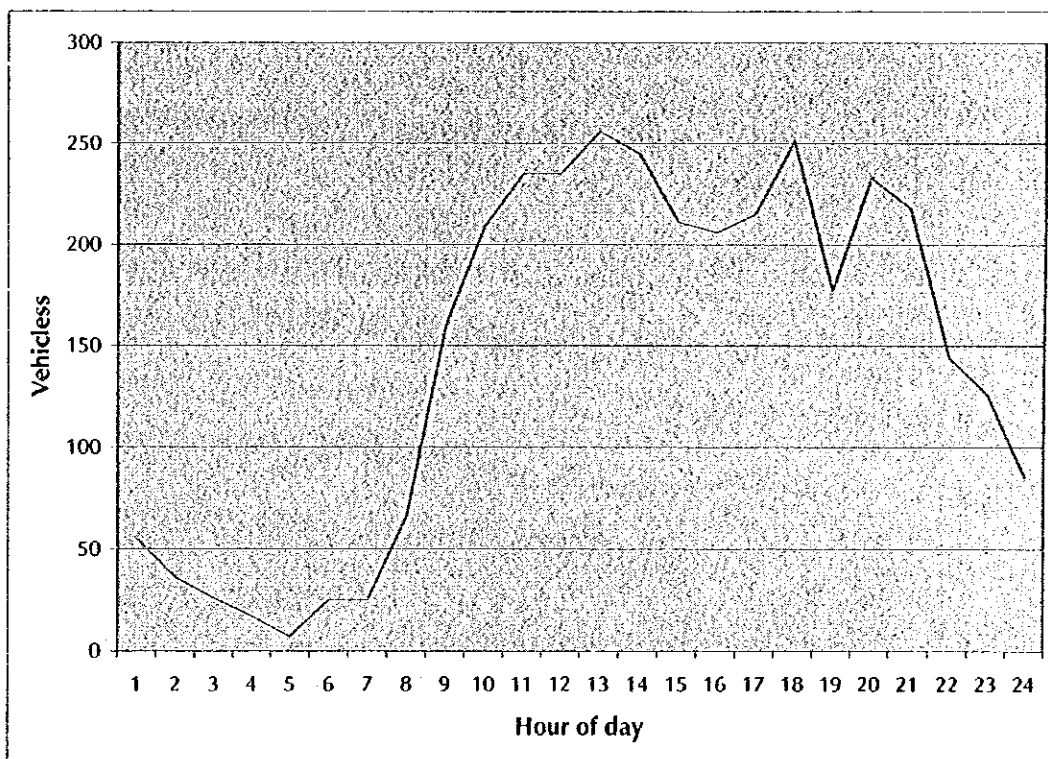


Appendix 4.2.3 Traffic Count Distribution on NH58 Modinagar - Meerut

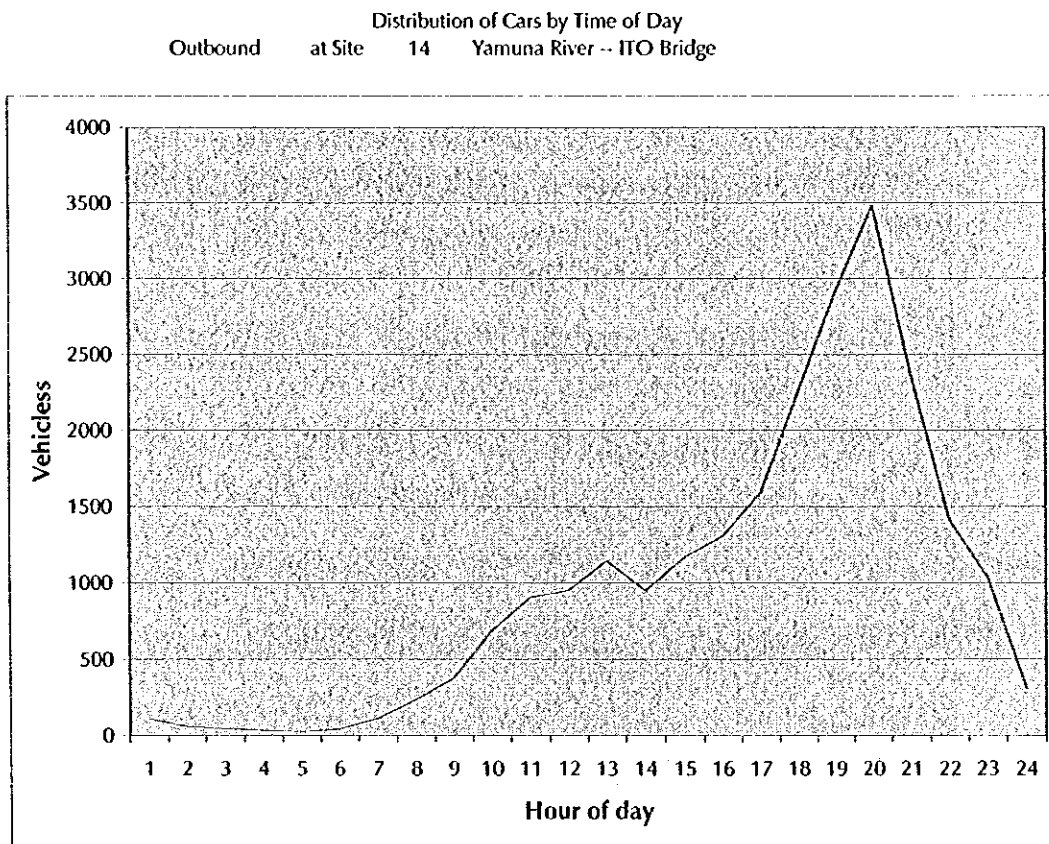
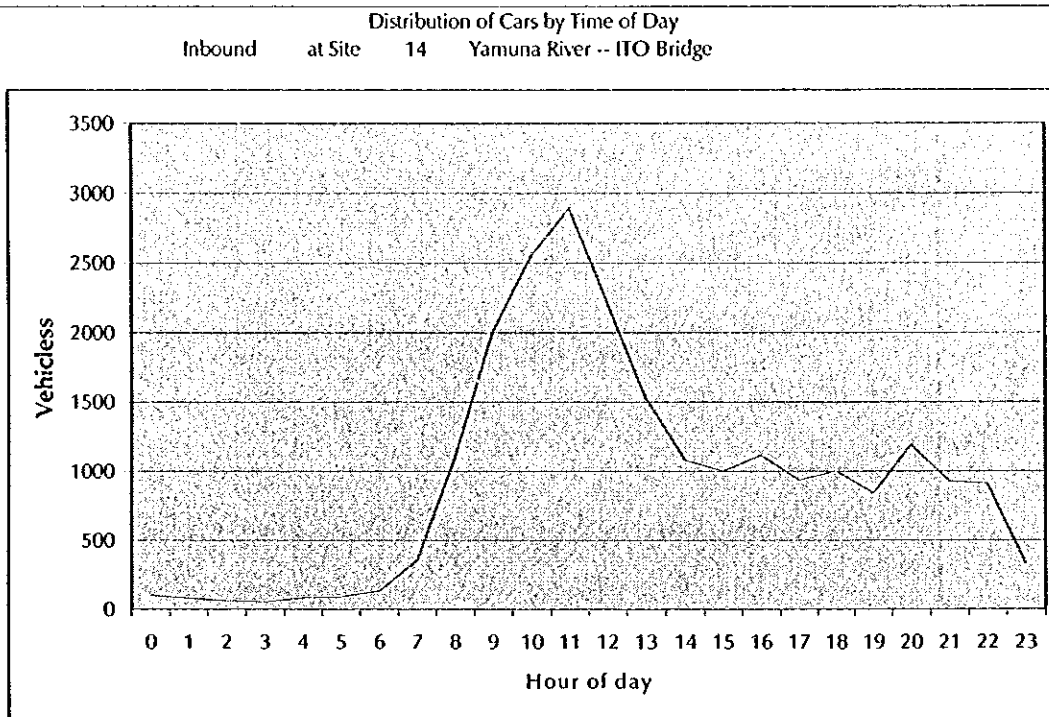
Distribution of Cars by Time of Day
Inbound at Site 9 Modinagar - Meerut --NH 58



Distribution of Cars by Time of Day
Outbound at Site 9 Modinagar - Meerut --NH 58

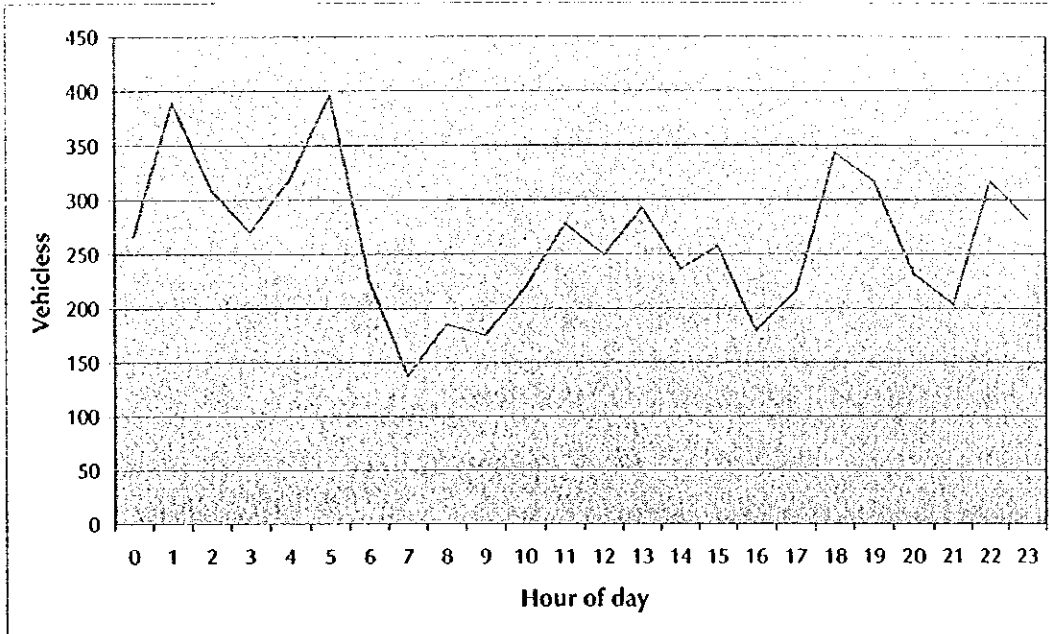


Appendix 4.2.4 Traffic Count Distribution at the ITO Bridge

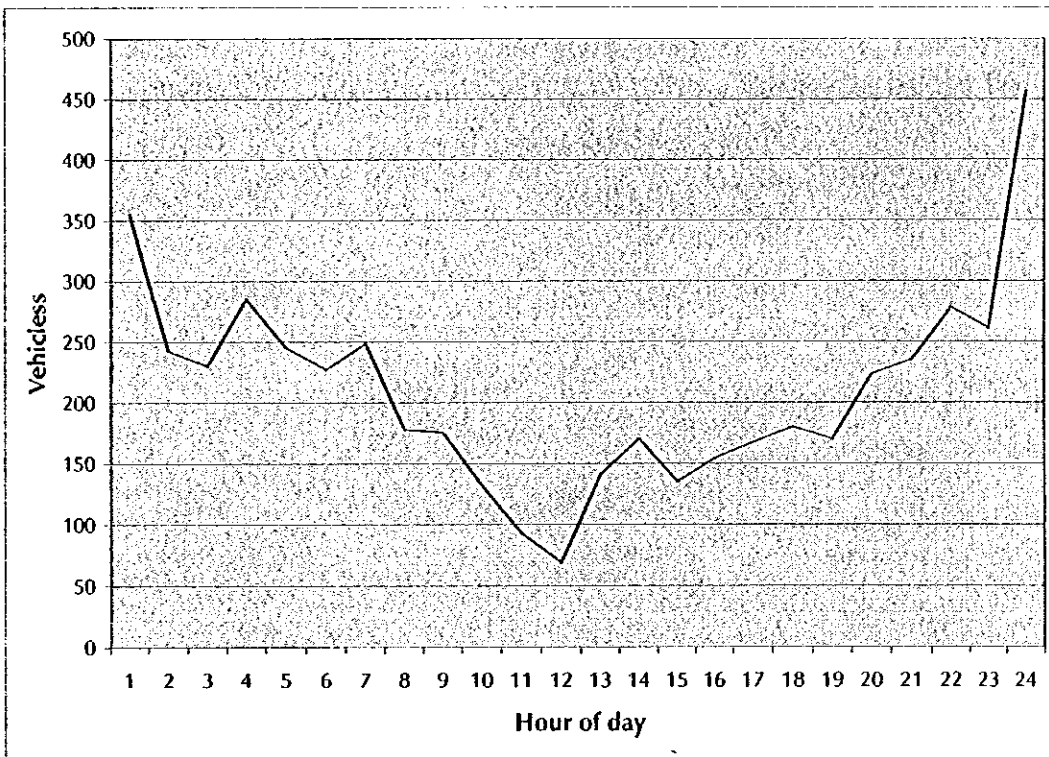


Appendix 4.2.5 Traffic Count Distribution of all Trucks on NH 1

Distribution of All Trucks by Time of Day
Inbound at Site 4 Boundary of Delhi -- NH 1

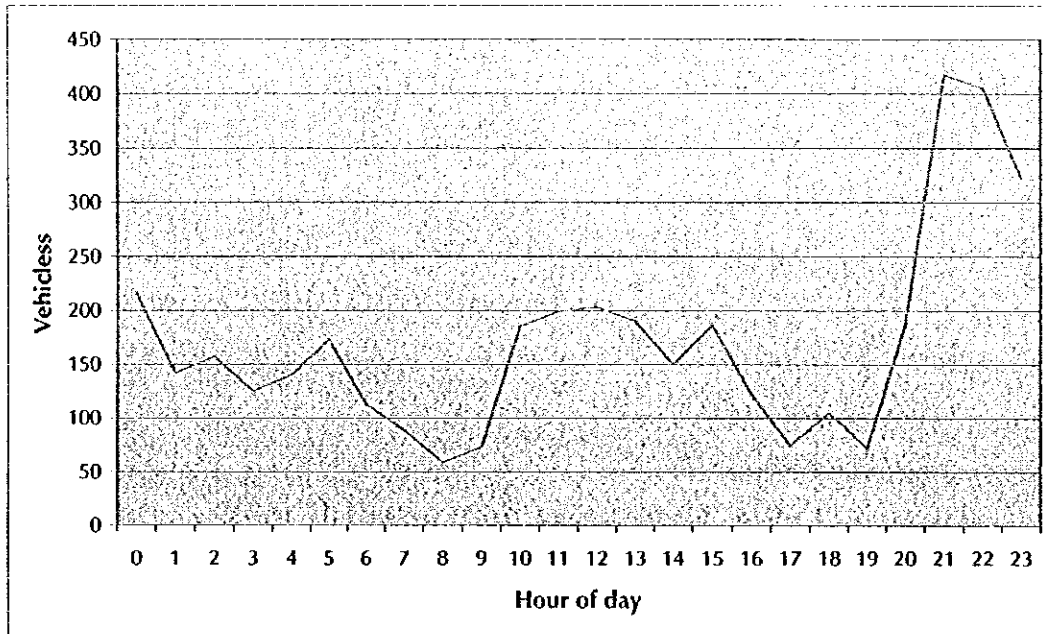


Distribution of All Trucks by Time of Day
Outbound at Site 4 Boundary of Delhi -- NH 1

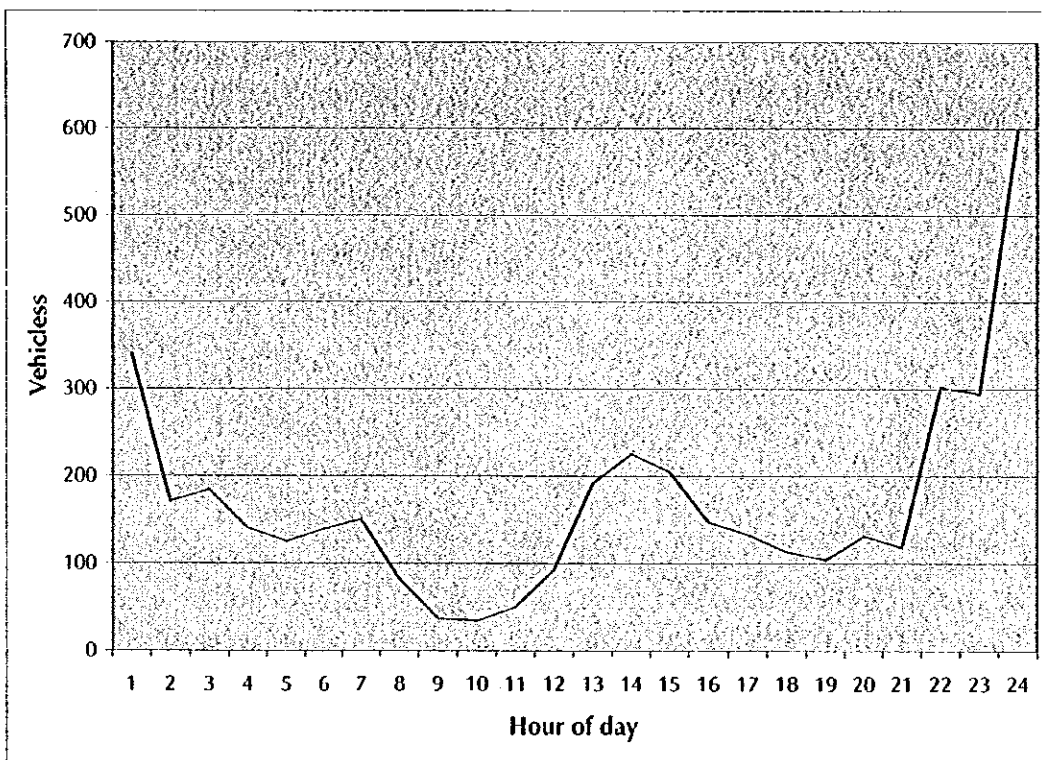


Appendix 4.2.6 Traffic Count Distribution of all Trucks on NH 2

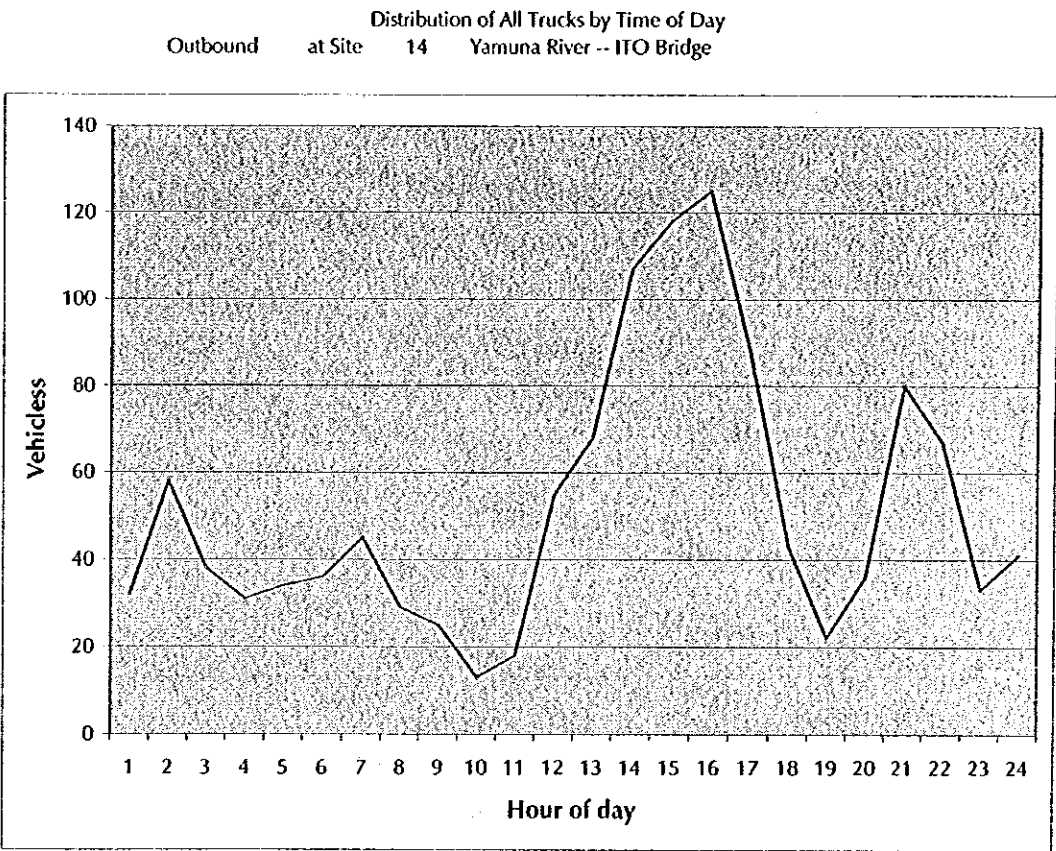
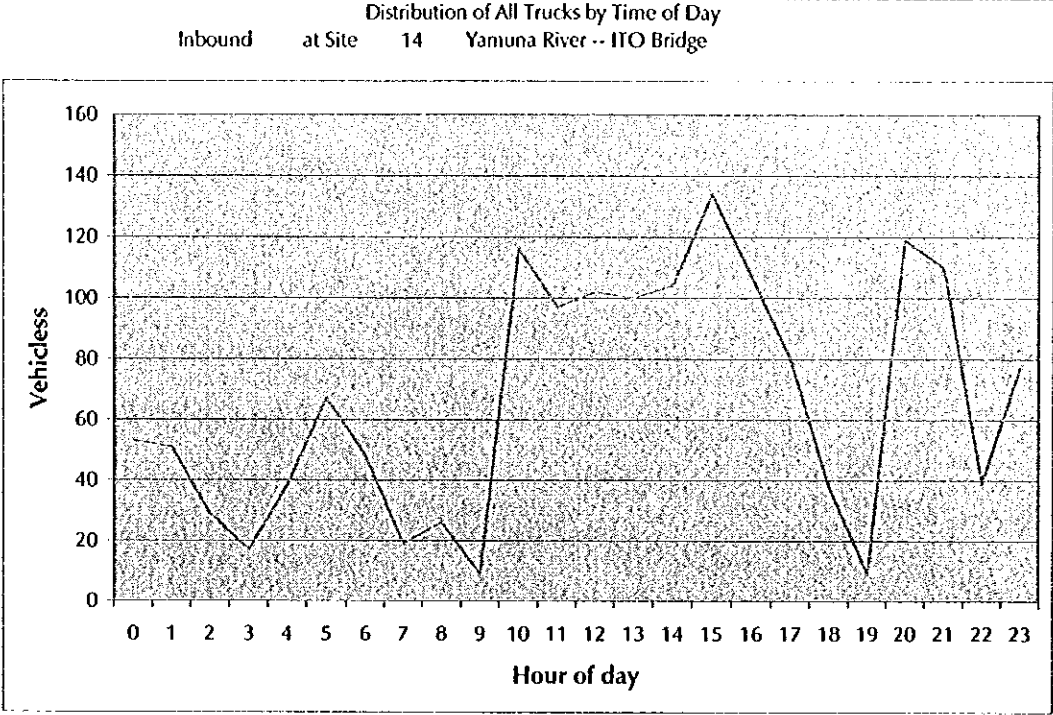
Distribution of All Trucks by Time of Day
Inbound at Site 1 Boundary of Delhi -- NH 2



Distribution of All Trucks by Time of Day
Outbound at Site 1 Boundary of Delhi -- NH 2

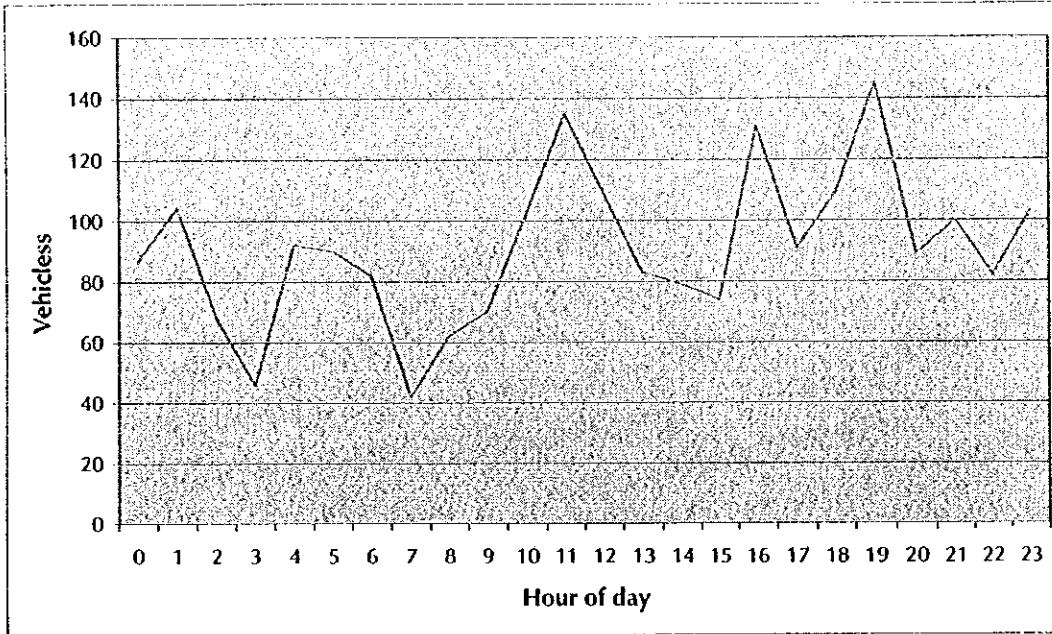


Appendix 4.2.7 Traffic Count Distribution of all Trucks on ITO Bridge

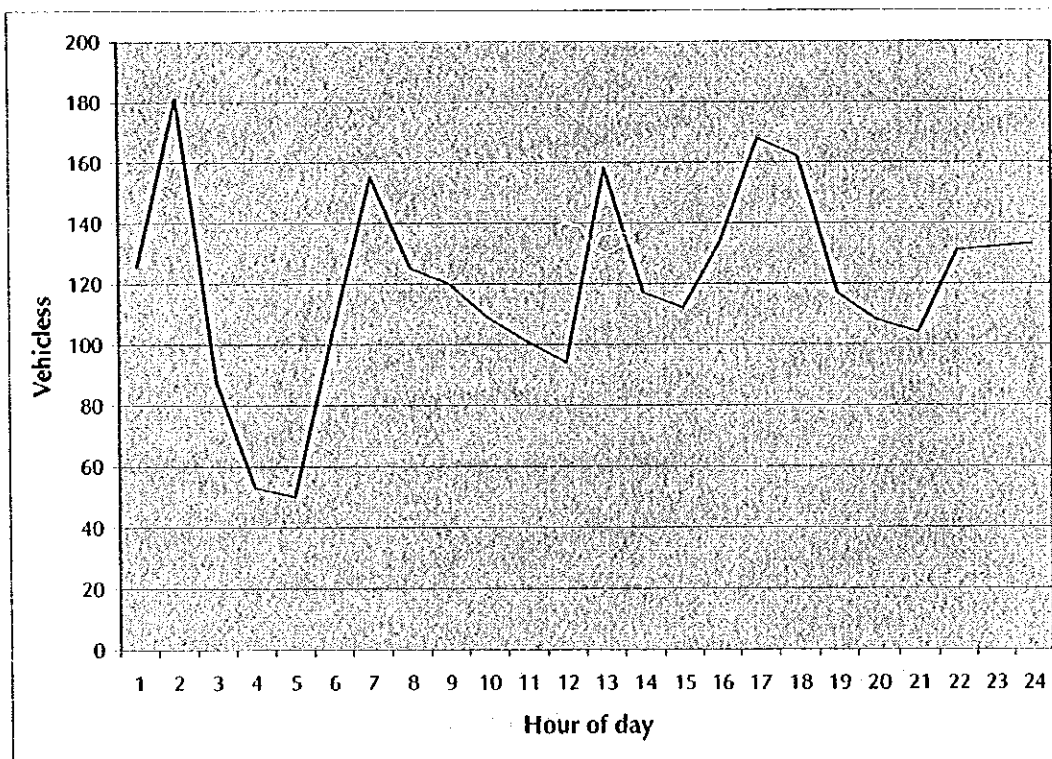


Appendix 4.2.8 Traffic Count Distribution on NH58 Modinagar – Meerut

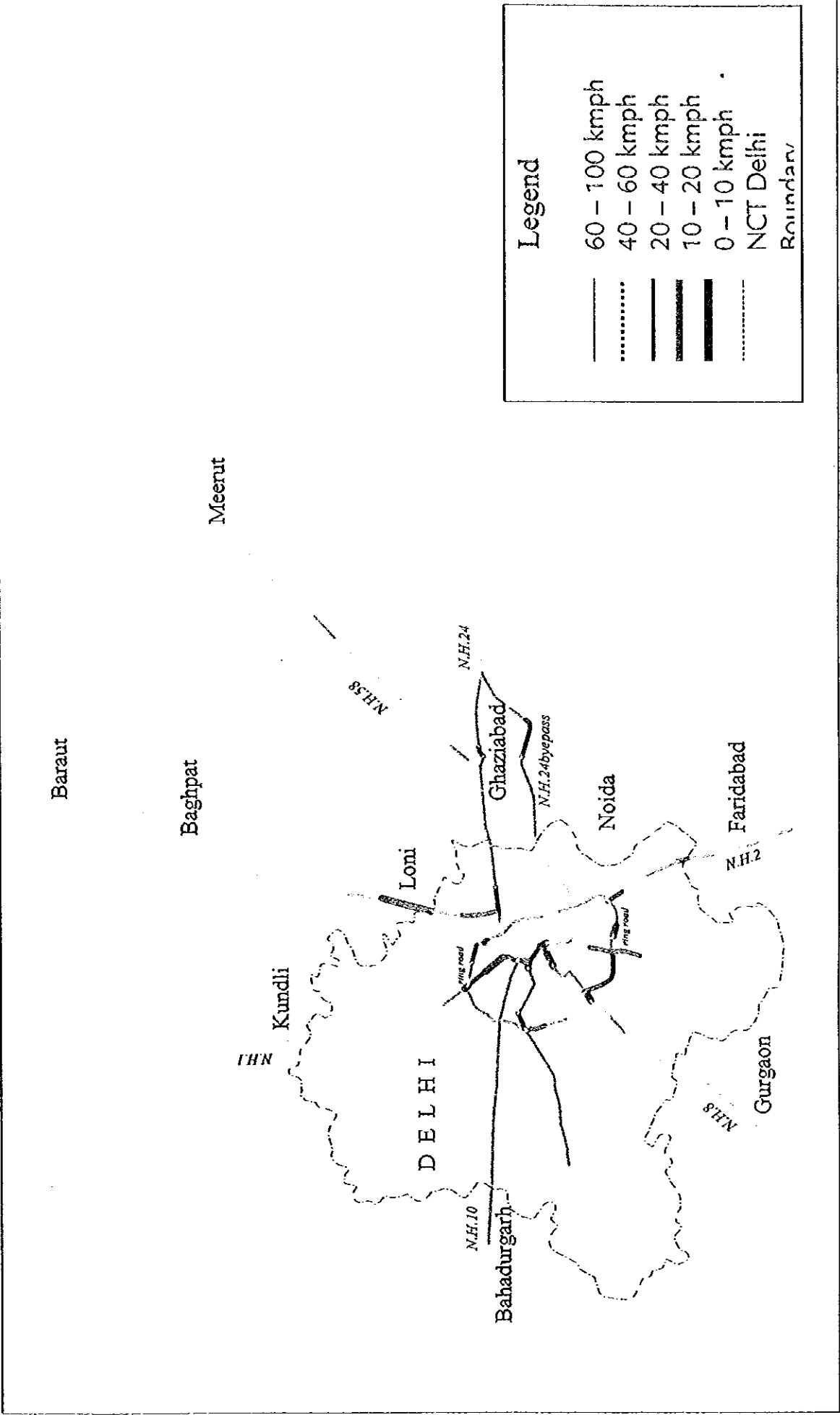
Distribution of All Trucks by Time of Day
Inbound at Site 9 Modinagar - Meerut --NH 58



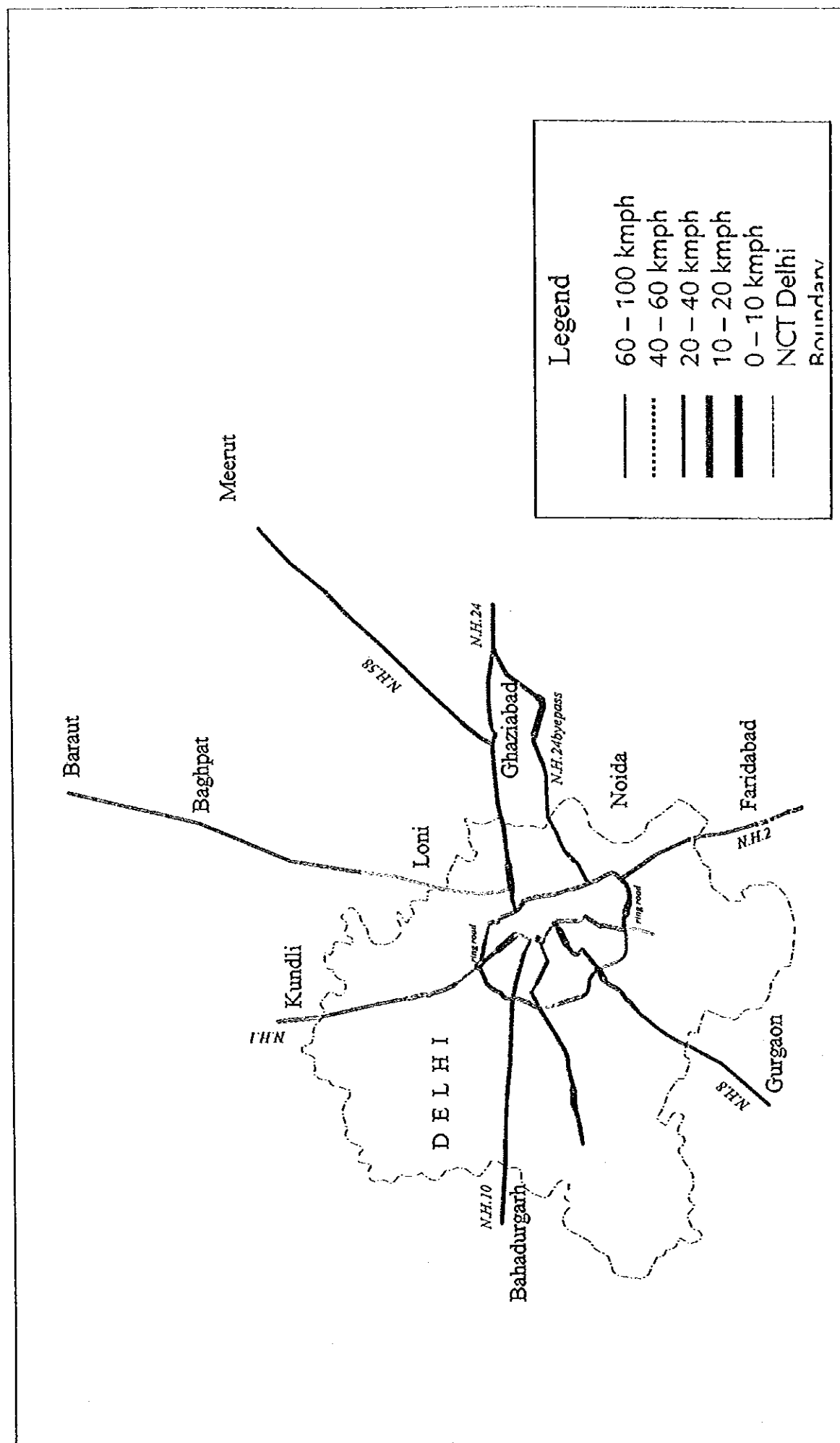
Distribution of All Trucks by Time of Day
Outbound at Site 9 Modinagar - Meerut --NH 58



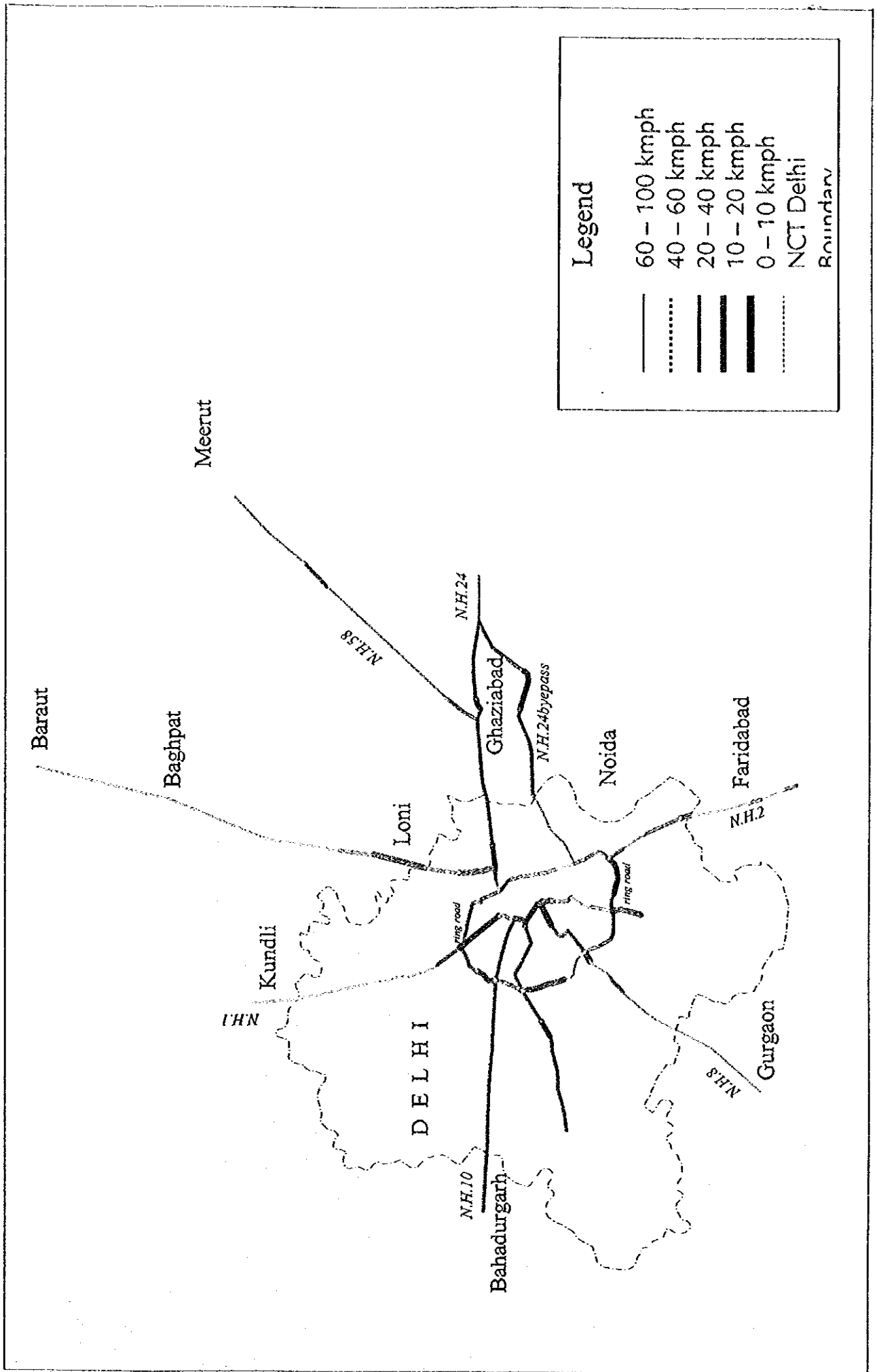
Appendix 4.3.1 Travel Time Speeds in Morning Peak Hour (Inbound)



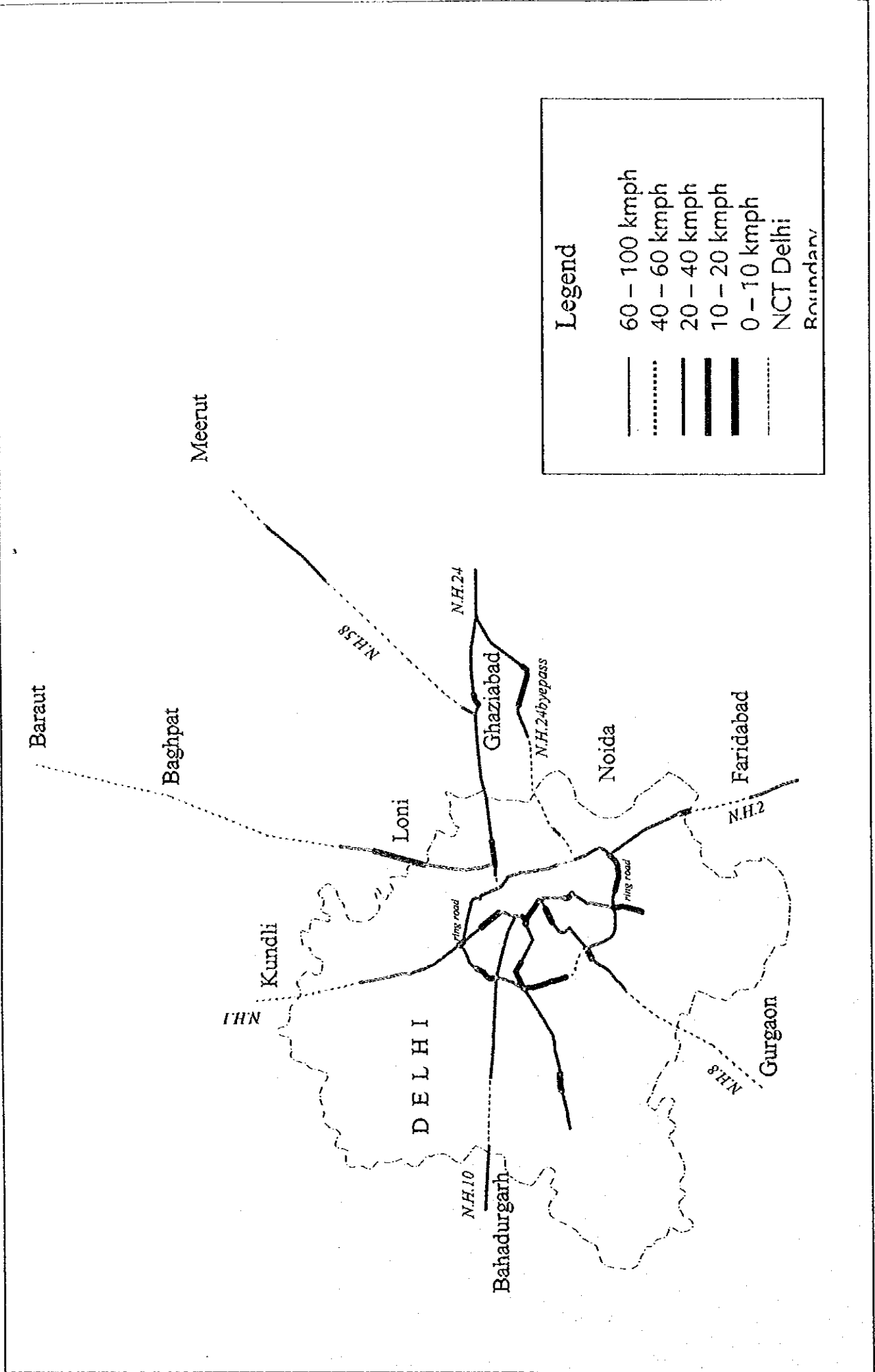
Appendix 4.3.2 Travel Time Speeds in Morning Peak Hour (Outbound)



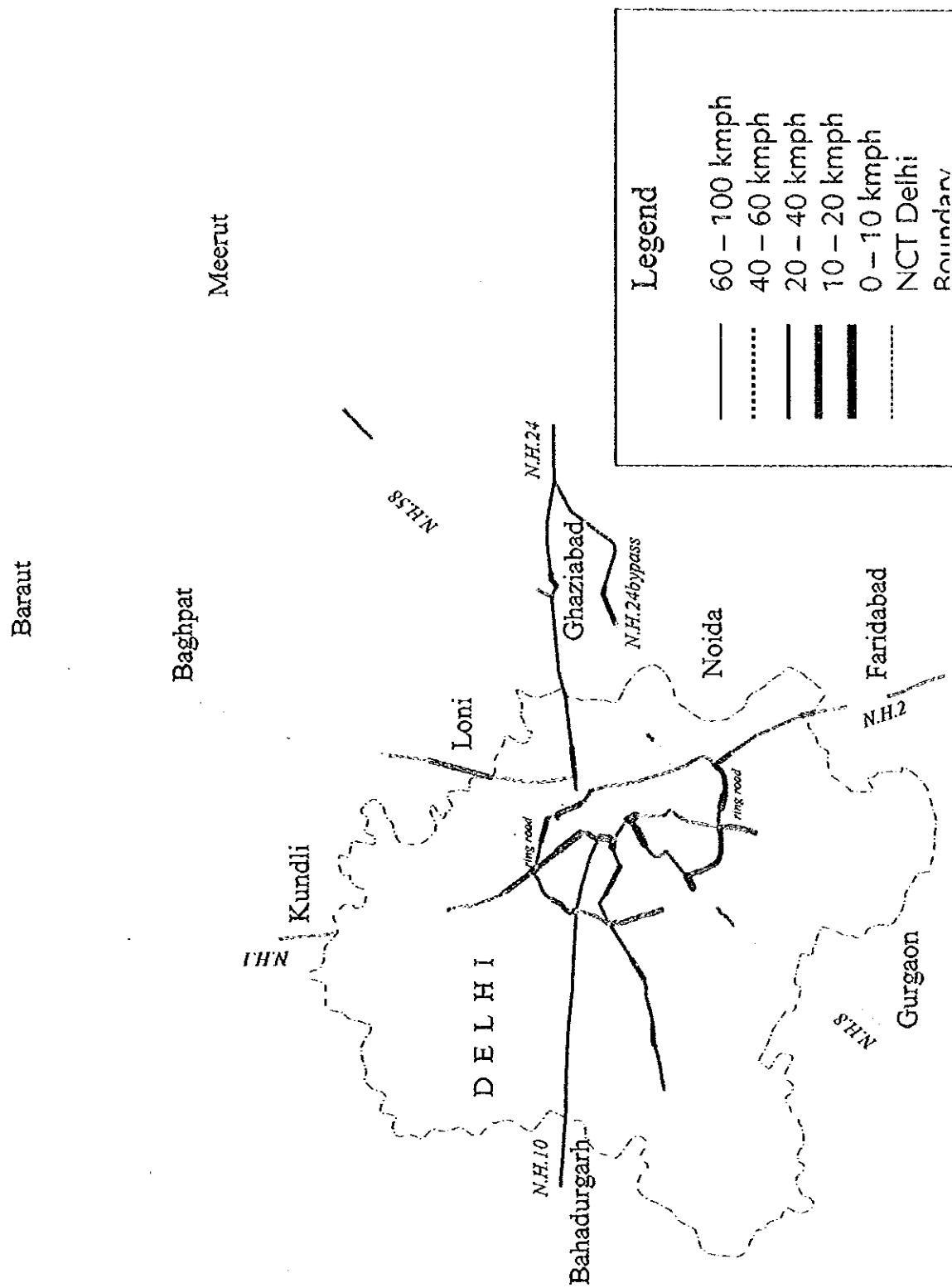
Appendix 4.3.3 Travel Time Speeds in Off Peak Hour (Inbound)



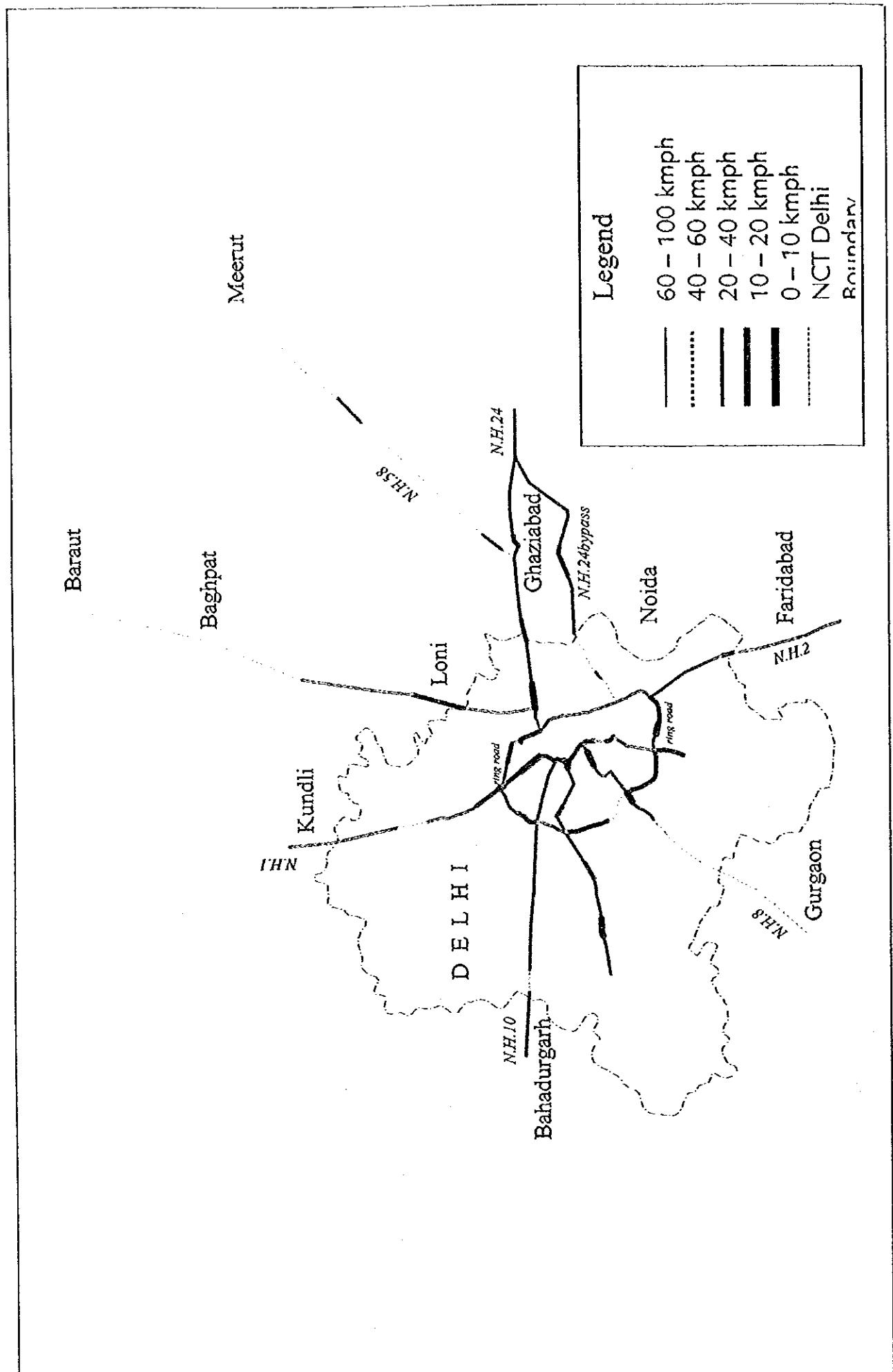
Appendix 4.3.4 Travel Time Speeds in Off Peak Hour (Outbound)



Appendix 4.3.5 Travel Time Speeds in Evening Peak Hour (Inbound)



Appendix 4.3.6 Travel Time Speeds in Evening Peak Hour (Outbound)



Appendix 4.4.1 Monthly Income of Motorcycle Users

MONTHLY INCOME (Rs.)	NUMBER OF PEOPLE	
	NUMBER	PERCENT
No Reply	6	3.6
Less Than Rs. 5,000	42	25.0
5,001 to 7,500	55	32.7
7,501 to 10,000	32	19.0
10,001 to 15,000	23	13.7
15,001 to 20,000	8	4.8
25,001 to 30,000	1	0.6
35,001 to 40,000	1	0.6
45,001 to 50,000	0	0.0
50,001 to 100,000	0	0.0
Above 100,000	0	0.0
Total	168	100.0

Source: JICA Study Team

Appendix 4.4.2 Trip Purpose of Motorcycle Respondent

PURPOSE	PERCENTAGE
No Reply	0.6
To Work Place	31.5
Business	33.9
Private matter	32.7
Others	1.2
Total	100.0

Source: JICA Study Team

Appendix 4.4.3 Frequency of Potential Motorcycle and Cost of Travel Trip Maker

FREQUENCY	DIRECT COST (Rs/Month)	Total Cost (Rs/Month)
1-2 Days	950	1250
3-4 Days	920	1120
5-6 Days	910	1120
Daily	1240	1550

Note: The direct cost includes cost of fuels, driver cost and parking cost and driver's cost

Source: JICA Study Team

Appendix 4.4.4 Residence of Responders

Residence Location	Percentage
Meerut	65.1
Modinagar	32.9
Others	2.0

Source: JICA Study Team

Appendix 4.4.5 Frequency of Potential Car users and Cost of Travel

FREQUENCY	DIRECT COST (Rs.)	TOTAL COST (Rs.)
1-2 Days	2700	3600
3-4 Days	4500	6400
5-6 Days	2700	3900
Daily	4000	5200

Note: The direct cost includes cost of fuel, driver cost and parking cost

Source: JICA Study Team

Appendix 4.4.6 Trip Purpose of Car Respondents

PURPOSE	PERCENTAGE
No Reply	36.3
To Work Place	18.8
Business	21.1
Private matter	22.3
Others	1.6
<i>Total</i>	<i>100.0</i>

Source: JICA Study Team

Appendix 4.4.7 Residence Location of Potential Car Users

Location	Percentage
Meerut	69.2
Modinagar	30.8

Source: JICA Study Team