

NEW YORK METROPOLITAN TRANSPORTATION COUNCIL
WWW.NYMTC.ORG

HUB BOUND 1997 TRAVEL REPORT
Central Business District

1997 Hub Bound Travel**Appendix 1**

Filename	Description
Table_01a.wk4	Table 1 A Persons and Vehicles Entering the Hub on a Fall Business Day for Selected Years
Table_01b.wk4	Table 1 B Persons Entering the Hub During the 7-10 am Period on a Fall Business Day for Selected Years
Table_02.wk4	Table 2 Share of Total Entries by Mode Occurring in the Peak Hour and Peak Period
Table_03.wk4	Table 3 Total Persons Entering the Hub During Peak Hours and CBD Employment on a Fall Business Day
Table_04.wk4	Table 4 Maximum Number of Persons and Motor Vehicles Gathering in the Hub on a Fall Business Day
Table_05.wk4	Table 5 Total Public Transit Passengers Entering and Leaving the Hub on a Fall Business Day
Table_06.wk4	Table 6 Total Rail Trains Entering and Leaving the Hub on a Fall Business Day
Table_07.wk4	Table 7 Total Rail Cars Entering and Leaving the Hub on a Fall Business Day
Table_08.wk4	Table 8 Average Gross Square Feet Available per Passenger Entering the Hub on a Fall Business Day During the 8 am-9am Peak Hour
Table_09.wk4	Table 9 Express and Local Bus Passengers and Vehicles Entering the Hub on a Fall Business Day
Table_10.wk4	Table 10 Total Persons Entering and Leaving the Hub via Auto, Taxi and Truck on a Fall Business Day
Table_11.wk4	Table 11 Motor Vehicles Entering and Leaving the Hub on a Fall Business Day
Table_12.wk4	Table 12 Hub Reverse Travel on a Fall Business Day
Table13a&b.wk4	Table 13 A Tri-State Region Population
	Table 13 B Tri-State Region Wage & Salary Employment

APPENDIX I
TIME SERIES TABLES

TABLE 1A

**PERSONS AND VEHICLES ENTERING THE HUB ON A FALL
BUSINESS DAY FOR SELECTED YEAR (IN THOUSANDS)**

(SHEET 1 OF 2)

	(1932)	(1940)	(1948)	(1956)	(1960)	(1963)	(1971)	(1973)
PERSONS BY MODE								
AUTO, TAXI, VAN AND TRUCK	516 19.1%	619 18.9%	657 17.8%	828 25.0%	954 28.5%	846 25.7%	914 28.9%	931 30.9%
BUS	40 1.5%	150 4.6%	290 7.9%	243 7.3%	243 7.3%	252 7.7%	256 8.1%	232 7.7%
TROLLEY	88 3.3%	59 1.8%	24 0.7%	3 0.1%	-	-	-	-
RAPID TRANSIT	1,752 65.0%	2,169 66.3%	2,389 64.7%	1,970 59.5%	1,913 57.1%	1,977 60.1%	1,789 56.5%	1,653 54.8%
RAILROAD	216 8.0%	206 6.3%	283 7.7%	233 7.0%	203 6.1%	177 5.4%	172 1.1%	168 1.0%
NONRAIL FERRY	85 3.2%	68 2.1%	48 1.3%	36 1.1%	36 1.1%	38 1.2%	36 1.1%	31 1.0%
TOTAL	2,697 -	3,271 -	3,691 -	3,313 -	3,349 -	3,290 -	3,167 -	3,015 -
PERSONS BY SECTOR								
NORTH OF 60TH STREET	1,046 38.8%	1,320 40.4%	1,599 43.3%	1,422 42.9%	1,441 43.0%	1,388 42.2%	1,279 40.4%	1,248 41.4%
BROOKLYN	946 35.1%	1,074 32.8%	1,124 30.5%	950 28.7%	922 27.5%	919 27.9%	876 27.7%	792 26.3%
QUEENS	355 13.2%	538 16.4%	602 16.3%	613 18.5%	641 19.1%	615 18.7%	659 20.8%	645 21.4%
NEW JERSEY	309 11.5%	302 9.2%	326 8.8%	292 8.8%	306 9.1%	328 10.0%	316 10.0%	298 9.9%
STATEN ISLAND	41 1.5%	37 1.1%	40 1.1%	36 1.1%	39 1.2%	40 1.2%	37 1.2%	32 1.1%
TOTAL	2,697 -	3,271 -	3,691 -	3,313 -	3,349 -	3,290 -	3,167 -	3,015 -
VEHICLES BY SECTOR								
NORTH OF 60TH STREET	150 51.2%	191 54.4%	209 53.9%	259 49.9%	293 49.7%	273 48.8%	310 48.0%	332 49.7%
BROOKLYN	69 23.5%	84 23.9%	79 20.4%	126 24.3%	139 23.6%	124 22.2%	157 24.3%	148 22.2%
QUEENS	46 15.7%	40 11.4%	56 14.4%	71 13.7%	87 14.7%	89 15.9%	103 15.9%	108 16.2%
NEW JERSEY	26 8.9%	35 10.0%	43 11.1%	61 11.8%	69 11.7%	71 12.7%	75 11.6%	79 11.8%
STATEN ISLAND	2 0.7%	1 0.3%	1 0.3%	2 0.4%	2 0.3%	2 0.4%	1 0.2%	1 0.1%
TOTAL	293 -	351 -	388 -	519 -	590 -	559 -	646 -	668 -
PERSONS BY MODE								
AUTO, TAXI, VAN AND TRUCK	895 29.8%	877 30.8%	924 32.3%	926 32.3%	914 31.2%	930 30.9%	970 31.6%	1069 33.1%
BUS	232 7.7%	220 7.7%	233 8.1%	228 7.9%	231 7.9%	253 8.4%	243 7.9%	275 8.5%
RAPID TRANSIT	1,679 55.8%	1,550 54.3%	1,487 52.0%	1,490 51.9%	1,546 52.7%	1579 52.4%	1614 52.5%	1632 50.5%
RAILROAD	171 5.7%	179 6.3%	189 6.6%	195 6.8%	212 7.2%	218 7.2%	218 7.1%	214 6.6%
NONRAIL FERRY	31 1.0%	26 0.9%	26 0.9%	27 0.9%	24 0.8%	29 1.0%	25 0.8%	39 1.2%
TRAM	-	-	3 0.1%	4 0.1%	4 0.1%	4 0.1%	4 0.1%	4 0.1%
TOTAL	3,008 -	2,852 -	2,862 -	2,870 -	2,931 -	3013 -	3074 -	3233 -
PERSONS BY SECTOR								
NORTH OF 60TH STREET	1,209 40.2%	1,148 40.3%	1,167 40.8%	1,157 40.3%	1,175 40.1%	1192 39.6%	1217 39.6%	1302 40.3%
BROOKLYN	806 26.8%	748 26.2%	744 26.0%	747 26.0%	771 26.3%	806 26.8%	831 27.0%	858 26.5%
QUEENS	661 22.0%	618 21.7%	613 21.4%	617 21.5%	637 21.7%	655 21.7%	654 21.3%	654 20.2%
NEW JERSEY	300 10.0%	311 10.9%	307 10.7%	317 11.0%	320 10.9%	327 10.9%	342 11.1%	374 11.6%
STATEN ISLAND	32 1.1%	27 0.9%	28 1.0%	28 1.0%	24 0.8%	29 1.0%	26 0.8%	41 1.3%
ROOSEVELT ISLAND	-	-	3 0.1%	4 0.1%	4 0.1%	4 0.1%	4 0.1%	4 0.1%
TOTAL	3,008 -	2,852 -	2,862 -	2,870 -	2,931 -	3013 -	3074 -	3233 -
VEHICLES BY SECTOR								
NORTH OF 60TH STREET	288 45.9%	288 45.8%	302 46.8%	297 45.8%	302 47.0%	300 46.3%	320 47.1%	341 48.6%
BROOKLYN	157 25.0%	152 24.2%	154 23.9%	160 24.7%	160 24.9%	159 24.5%	165 24.3%	166 23.7%
QUEENS	104 16.6%	106 16.9%	108 16.7%	107 16.5%	100 15.6%	105 16.2%	105 15.5%	99 14.1%
NEW JERSEY	78 12.4%	82 13.0%	80 12.4%	84 12.9%	80 12.4%	83 12.8%	88 13.0%	94 13.4%
STATEN ISLAND	1 0.2%	1 0.2%	1 0.2%	1 0.2%	1 0.2%	1 0.2%	1 0.1%	1 0.1%
TOTAL	628 -	629 -	645 -	649 -	643 -	648 -	679 -	701 -

TABLE 1A

**PERSONS AND VEHICLES ENTERING THE HUB ON A FALL
BUSINESS DAY FOR SELECTED YEAR (IN THOUSANDS)
(SHEET 2 OF 2)**

	(1983)	(1984)	(1985)	(1986)	(1987)	(1988)	(1989)	(1990)								
PERSONS BY MODE																
AUTO, TAXI, VAN AND TRUCK	1097	33.6%	1112	34.0%	1167	34.7%	1137	33.5%	1159	33.9%	1156	33.3%	1131	32.5%	1112	33.5%
BUS	281	8.6%	292	8.9%	297	8.8%	267	7.9%	249	7.3%	242	7.0%	233	6.7%	238	7.2%
RAPID TRANSIT	1645	50.3%	1623	49.6%	1641	48.8%	1727	50.9%	1737	50.9%	1798	51.7%	1839	52.8%	1698	51.1%
RAILROAD	202	6.2%	212	6.5%	219	6.5%	224	6.6%	233	6.8%	234	6.7%	235	6.7%	228	6.9%
NONRAIL FERRY	40	1.2%	32	1.0%	34	1.0%	34	1.0%	34	1.0%	41	1.2%	40	1.1%	44	1.3%
TRAM	3	0.1%	3	0.1%	4	-	3	0.1%	3	0.1%	4	0.1%	4	0.1%	2	0.1%
TOTAL	3268	-	3274	-	3362	-	3392	-	3415	-	3475	-	3482	-	3322	-
PERSONS BY SECTOR																
NORTH OF 60TH STREI	1328	40.6%	1300	39.7%	1337	39.8%	1338	39.4%	1370	40.1%	1405	40.4%	1370	39.3%	1299	39.1%
BROOKLYN	836	25.6%	862	26.3%	903	26.9%	915	27.0%	889	26.0%	924	26.6%	943	27.1%	903	27.2%
QUEENS	686	21.0%	688	21.0%	683	20.3%	695	20.5%	713	20.9%	700	20.1%	720	20.7%	670	20.2%
NEW JERSEY	375	11.5%	389	11.9%	401	11.9%	406	12.0%	407	11.9%	403	11.6%	411	11.8%	411	12.4%
STATEN ISLAND	40	1.2%	32	1.0%	34	1.0%	35	1.0%	33	1.0%	39	1.1%	34	1.0%	37	1.1%
ROOSEVELT ISLAND	3	0.1%	3	0.1%	4	0.1%	3	0.1%	3	0.1%	4	0.1%	4	0.1%	2	0.1%
TOTAL	3268	-	3274	-	3362	-	3392	-	3415	-	3475	-	3482	-	3322	-
VEHICLES BY SECTOR																
NORTH OF 60TH STREI	351	48.6%	363	49.5%	363	47.1%	352	46.7%	362	47.1%	361	47.1%	348	46.3%	349	45.9%
BROOKLYN	174	24.1%	168	22.9%	199	25.8%	192	25.5%	191	24.9%	188	24.5%	189	25.1%	206	27.1%
QUEENS	102	14.1%	107	14.6%	110	14.3%	111	14.7%	115	15.0%	117	15.3%	114	15.2%	104	13.7%
NEW JERSEY	94	13.0%	95	12.9%	97	12.6%	97	12.9%	99	12.9%	99	12.9%	100	13.3%	101	13.3%
STATEN ISLAND	1	0.1%	1	0.1%	1	0.1%	1	0.1%	1	0.1%	1	0.1%	1	0.1%	1	0.1%
TOTAL	722	-	734	-	770	-	753	-	768	-	766	-	752	-	761	-
PERSONS BY MODE																
AUTO, TAXI, VAN AND TRUCK	1110	33.3%	1146	34.4%	1124.1	33.8%	1115.3	33.0%	1137.5	33.4%	1147	33.2%	1233.3	34.8%		
BUS	229	6.9%	225	6.7%	218.9	6.6%	219.6	6.5%	215.8	6.3%	220	6.4%	237.5	6.7%		
RAPID TRANSIT	1727	51.8%	1699	50.9%	1712.2	51.4%	1764.6	52.2%	1770	51.9%	1790	51.8%	1771.6	50.0%		
RAILROAD	221	6.6%	223	6.7%	226.29	6.8%	232.9	6.9%	235.9	6.9%	246	7.1%	250.7	7.1%		
NONRAIL FERRY	43	1.3%	41	1.2%	41.596	1.2%	42.1	1.2%	42.4	1.2%	43	1.2%	43.3	1.2%		
TRAM	2	0.1%	1	0.0%	-	-	1.6	0.0%	1.6	0.0%	2	0.1%	1.4	0.1%		
BICYCLE	-	-	-	-	7.248	0.2%	6.3	0.2%	7.1	0.2%	7.6	0.2%	7.6	0.2%		
TOTAL	3332	-	3335	-	3330.3	-	3382.4	-	3410.3	-	3455.6	-	3545.4	-		
PERSONS BY SECTOR																
NORTH OF 60TH STREI	1324	39.7%	1352	40.5%	1341.1	40.3%	1358.5	40.2%	1385.4	41.0%	1398	40.5%	1376	38.8%		
BROOKLYN	876	26.3%	871	26.1%	875.03	26.3%	868.44	25.7%	865.47	25.6%	883	25.6%	964.38	27.2%		
QUEENS	697	20.9%	677	20.3%	674.56	20.3%	695.89	20.6%	702.39	20.8%	705	20.4%	712.39	20.1%		
NEW JERSEY	399	12.0%	402	12.1%	407.75	12.2%	427.45	12.6%	425.06	12.6%	437	12.6%	460	13.0%		
STATEN ISLAND	34	1.0%	33	1.0%	31.85	1.0%	30.052	0.9%	30.259	0.9%	30	0.9%	30.905	0.9%		
ROOSEVELT ISLAND	2	0.1%	1	0.0%	-	-	1.607	0.0%	1.585	0.0%	2	0.1%	1.442	0.1%		
TOTAL	3332	-	3336	-	3330.3	-	3382	-	3410.2	-	3455	-	3545.1	-		
VEHICLES BY SECTOR																
NORTH OF 60TH STREI	357	46.4%	382	49.2%	369.63	48.6%	358.18	47.5%	361.3	47.9%	375	48.3%	377.37	46.7%		
BROOKLYN	200	26.0%	185	23.8%	181.84	23.9%	185.15	24.5%	189.48	25.1%	182	23.5%	198.84	24.6%		
QUEENS	104	13.5%	108	13.9%	106.94	14.1%	107.35	14.2%	117.09	15.5%	119	15.3%	131	16.2%		
NEW JERSEY	98	12.7%	101	13.0%	101.95	13.4%	103.75	13.7%	104.31	13.8%	100	12.9%	100.66	12.5%		
STATEN ISLAND	-	-	-	-	-	-	0.254	0.0%	0.251	0.0%	0	0.0%	0.528	0.1%		
TOTAL	759	-	776	-	760.36	-	754.69	-	772.43	-	776	-	808.39	-		

TABLE 2

SHARE OF TOTAL ENTRIES BY MODE OCCURRING IN THE PEAK HOUR AND PEAK PERIOD*

YEAR	PERSONS VIA AUTO, TAXI, VAN, TRUCK		PERSONS VIA PUBLIC TRANSPORTATION		TOTAL PERSONS	
	8-9 AM	7-10 AM	8-9 AM	7-10 AM	8-9 AM	7-10 AM
1960	8.6%	23.1%	32.2%	59.4%	25.3%	48.5%
1963	8.8%	22.7%	31.2%	58.2%	25.1%	48.4%
1971	9.1%	25.2%	32.3%	60.6%	25.4%	49.7%
1973	8.0%	22.2%	31.4%	60.6%	24.3%	48.6%
1974	8.1%	22.8%	31.6%	59.5%	24.8%	48.8%
1975	8.1%	22.4%	30.1%	59.0%	24.3%	48.4%
1976	8.1%	22.2%	31.9%	59.6%	24.5%	47.9%
1977	8.3%	22.9%	32.3%	60.6%	24.8%	48.8%
1978	8.0%	22.5%	30.6%	58.7%	23.5%	47.5%
1979	8.1%	22.4%	30.8%	59.0%	23.8%	47.7%
1980	8.5%	23.1%	31.7%	60.2%	24.6%	48.8%
1981	8.4%	23.4%	31.1%	60.0%	23.9%	48.8%
1982	8.5%	23.4%	30.9%	59.3%	23.7%	47.9%
1983	8.4%	23.5%	30.3%	59.0%	23.2%	47.0%
1984	8.2%	23.1%	31.1%	59.9%	23.3%	47.4%
1985	7.9%	22.2%	30.5%	59.9%	22.6%	46.7%
1986	7.8%	22.1%	27.7%	56.7%	21.0%	45.1%
1987	7.8%	22.0%	26.6%	56.3%	20.2%	44.6%
1988	7.7%	21.6%	26.4%	56.0%	20.1%	44.5%
1989	7.6%	21.6%	27.1%	56.6%	20.8%	45.2%
1990	7.0%	19.9%	25.6%	54.2%	19.4%	42.7%
1991	6.9%	19.8%	25.9%	54.1%	19.6%	42.6%
1992	6.8%	19.5%	25.2%	53.9%	18.9%	42.1%
1993	6.6%	19.2%	24.8%	52.8%	18.7%	41.5%
1994	6.7%	19.5%	24.0%	52.0%	18.3%	41.3%
1995	6.7%	19.3%	23.8%	51.3%	18.1%	40.6%
1996	7.0%	19.9%	23.8%	50.9%	18.2%	40.6%
1997	7.3%	20.5%	23.7%	50.2%	18.0%	39.8%

*PERCENTAGES EXPRESS THE PEAK-HOUR AND PEAK-PERIOD SHARE OF PRIVATE MOTOR VEHICLE, PUBLIC TRANSPORTATION AND TOTAL PERSON-ENTRIES, RESPECTIVELY, DURING A 24-HOUR PERIOD.

TABLE 3

TOTAL PERSONS ENTERING THE HUB, DURING PEAK HOURS AND CBD EMPLOYMENT ON A FALL BUSINESS DAY

YEAR	24 HOURS	7-10 AM	8-9 AM	CBD EMPLOYMENT*
1960	3,349,000	1,627,000	848,000	2,007,000
1963	3,290,000	1,596,000	827,000	1,970,000
1971	3,179,000	1,574,700	805,300	1,913,000
1973	3,024,000	1,464,000	733,400	1,821,000
1974	2,977,300	1,452,700	738,500	1,780,000
1975	3,008,100	1,456,700	731,000	1,730,000
1976	2,852,300	1,367,300	699,600	1,689,000
1977	2,862,300	1,395,600	708,600	1,673,000
1978	2,870,300	1,360,400	675,700	1,722,000
1979	2,931,000	1,417,200	705,600	1,758,000
1980	3,013,000	1,467,300	739,200	1,777,000
1981	3,074,600	1,489,500	735,300	1,835,000
1982	3,233,400	1,509,500	749,100	1,852,000
1983	3,267,700	1,521,800	751,700	1,876,000
1984	3,274,100	1,551,100	763,300	1,915,000
1985	3,361,600	1,569,600	758,600	1,942,000
1986	3,392,300	1,530,100	713,000	1,964,000
1987	3,415,300	1,524,600	691,200	2,009,000
1988	3,474,500	1,547,400	700,300	1,987,000
1989	3,482,200	1,574,600	724,900	1,989,000
1990	3,321,700	1,418,200	642,800	1,967,000
1991	3,331,600	1,420,300	652,700	1,858,000
1992	3,336,000	1,404,000	629,400	1,810,000
1993	3,330,000	1,380,800	622,000	1,805,000
1994	3,382,500	1,396,200	619,800	1,821,000
1995	3,410,200	1,384,100	616,500	1,828,000
1996	3,455,700	1,403,800	629,600	1,850,000
1997	3,545,460	1,412,700	638,100	1,879,600

TABLE 4

**MAXIMUM NUMBER OF PERSONS AND MOTOR VEHICLES
GATHERING IN THE HUB ON A FALL BUSINESS DAY**

YEAR	PERSONS-				MOTOR VEHICLES-			
	NET CBD ACCUM.	CDB RESIDENTS*	MAXIMUM CBD ACCUM.	TIME OF DAY	NET CBD ACCUM.	CDB BASED VEHICLES*	MAXIMUM CBD ACCUM.	TIME OF DAY
1971	1,545,000	508,000	2,053,000	AT 1:00 PM	109,500	96,400	205,900	AT 1:00 PM
1973	1,407,000	507,000	1,914,000	AT 1:00 PM	89,300	92,800	182,100	AT 2:00 PM
1974	1,411,000	510,000	1,921,000	AT 1:00 PM	85,700	90,000	175,700	AT 2:00 PM
1975	1,402,000	502,000	1,904,000	AT 1:00 PM	84,400	88,500	172,900	AT 2:00 PM
1976	1,319,000	507,000	1,826,000	AT 1:00 PM	93,500	82,300	175,800	AT 1:00 PM
1977	1,356,000	505,000	1,861,000	AT 1:00 PM	97,400	79,600	177,000	AT 2:00 PM
1978	1,329,000	503,000	1,832,000	AT 1:00 PM	96,900	79,800	176,700	AT 2:00 PM
1979	1,388,000	504,000	1,892,000	AT 2:00 PM	101,500	79,000	180,500	AT 2:00 PM
1980	1,436,000	508,000	1,944,000	AT 1:00 PM	101,500	77,400	178,900	AT 2:00 PM
1981	1,446,000	508,000	1,954,000	AT 1:00 PM	97,400	78,200	175,600	AT 2:00 PM
1982	1,487,000	508,000	1,995,000	AT 1:00 PM	102,100	78,600	180,700	AT 2:00 PM
1983	1,500,000	507,000	2,007,000	AT 1:00 PM	105,800	77,800	183,600	AT 1:00 PM
1984	1,511,000	513,000	2,024,000	AT 1:00 PM	125,300	77,900	203,200	AT 2:00 PM
1985	1,471,000	521,000	1,992,000	AT 1:00 PM	104,000	81,000	185,000	AT 1:00 PM
1986	1,485,000	525,000	2,010,000	AT 1:00 PM	107,200	85,000	192,200	AT 1:00 PM
1987	1,448,000	526,000	1,974,000	AT 1:00 PM	110,900	86,200	197,100	AT 2:00 PM
1988	1,447,000	530,000	1,977,000	AT 2:00 PM	100,800	87,800	188,600	AT 1:00 PM
1989	1,481,000	531,000	2,012,000	AT 1:00 PM	101,300	88,300	189,600	AT 2:00 PM
1990	1,318,000	528,000	1,846,000	AT 1:00 PM	101,800	90,100	191,900	AT 1:00 PM
1991	1,325,000	530,000	1,855,000	AT 1:00 PM	102,300	88,400	190,700	AT 1:00 PM
1992	1,262,000	529,000	1,791,000	AT 1:00 PM	96,300	84,600	180,900	AT 1:00 PM
1993	1,250,000	530,900	1,780,900	AT 1:00 PM	94,100	85,800	179,900	AT 2:00 PM
1994	1,273,000	535,000	1,808,000	AT 1:00 PM	97,100	86,100	183,200	AT 2:00 PM
1995	1,277,000	539,000	1,816,000	AT 1:00 PM	94,100	86,100	180,200	AT 2:00 PM
1996	1,295,000	544,000	1,839,000	AT 1:00 PM	93,800	85,900	179,700	AT 1:00 PM
1997	1,303,000	547,000	1,850,000	AT 1:00 PM	101,000	89,000	190,000	AT 2:00 PM

* Estimated

TABLE 5

TOTAL PUBLIC TRANSIT PASSENGERS ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY (SHEET 1 OF 2)

	(1987)	(1988)	(1989)	(1990)	(1991)	(1992)	(1993)	(1994)	(1995)	(1996)	(1997)
BUS											
60TH STREET SECTOR											
FDR DRIVE	456	449	284	268	314	302	302	0	0	0	0
YORK AVENUE	5,544	5,544	5,866	4,040	7,287	7,040	5,922	7,100	6,820	6,706	7,093
FIRST AVE/SECOND AVE	26,057	26,192	22,903	25,190	26,149	27,177	23,441	20,387	20,500	19,579	21,299
LEXINGTON AVE/THIRD AVE	28,673	29,046	25,507	28,364	25,446	25,030	26,069	19,204	18,544	16,802	17,353
MADISON AVE/FIFTH AVE	56,307	51,924	48,301	49,638	49,358	49,513	42,298	38,062	39,696	38,066	41,289
CENTRAL PK DR AND COLUMBUS CIRCLE	-	-	-	5,818	-	-	-	-	-	-	0
EIGHTH AVENUE	5,176	6,134	5,083	11,533	10,361	9,414	9,482	7,748	8,006	7,608	7,692
BROADWAY	28,042	28,556	28,136	12,359	18,108	16,656	14,933	13,885	13,214	13,818	13,370
COLUMBUS AVE/AMSTERDAM A	11,293	12,146	12,291	11,430	11,073	10,742	11,304	9,766	8,832	9,632	9,722
WEST END AVENUE	1,871	1,913	1,901	2,379	2,231	1,905	2,050	1,543	1,447	1,931	1,803
SECTOR TOTAL	163,419	161,904	150,272	151,019	150,327	147,779	135,801	117,695	117,059	114,142	119,621
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	4,073	2,537	2,681	2,683	3,363	2,613	2,228	2,011	1,965	2,117	1,971
MANHATTAN BRIDGE	1,529	1,522	1,669	1,757	1,602	1,529	1,444	1,538	1,311	1,350	1,314
BROOKLYN BATTERY TUNNEL	38,267	35,761	33,686	35,687	35,678	31,705	31,784	29,867	29,057	31,370	31,313
SECTOR TOTAL	43,869	39,820	38,036	40,127	40,643	35,847	35,456	33,416	32,333	34,837	34,598
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	19,580	18,946	16,397	18,090	18,095	18,725	16,555	15,585	15,672	16,372	17,510
QUEENSBORO BRIDGE	20,151	23,937	17,755	19,129	15,011	15,319	14,585	16,809	16,902	16,103	14,690
SECTOR TOTAL	39,731	42,883	34,152	37,219	33,106	34,044	31,140	32,394	32,574	32,475	32,200
NEW JERSEY SECTOR											
HOLLAND TUNNEL	13,610	15,375	14,422	15,162	15,509	15,845	14,380	14,954	14,626	14,423	13,262
LINCOLN TUNNEL	235,266	233,485	232,399	233,777	224,228	214,658	220,378	241,087	241,284	246,998	274,098
SECTOR TOTAL	248,876	248,860	246,821	248,939	239,737	230,503	234,758	256,041	255,910	261,421	287,360
TOTAL BUSES	495,895	493,467	469,281	477,304	463,813	448,173	437,155	439,546	437,876	442,875	473,779
RAIL RAPID TRANSIT											
60TH STREET SECTOR											
LEXINGTON AVENUE EXPRESS	294,875	284,587	295,758	263,080	271,106	271,029	264,020	284,497	294,105	297,069	286,204
LEXINGTON AVENUE LOCAL	263,144	312,587	269,555	260,488	255,786	250,353	239,127	279,939	266,518	278,531	267,395
EIGHTH AVENUE EXPRESS	217,125	201,115	198,298	191,669	167,218	188,642	215,795	201,290	216,572	201,397	211,836
EIGHTH AVENUE LOCAL	66,325	63,864	68,805	63,262	85,136	61,776	67,186	82,921	82,033	79,102	79,193
BROADWAY/7TH AVE EXPRESS	226,242	233,017	246,202	221,621	227,600	210,473	217,363	218,187	228,172	235,340	222,157
BROADWAY/7TH AVE LOCAL	186,432	207,849	209,883	189,749	204,998	198,753	200,193	216,484	216,402	213,625	203,551
SECTOR TOTAL	1,254,143	1,303,019	1,288,501	1,189,869	1,211,844	1,181,026	1,203,684	1,283,318	1,303,802	1,305,064	1,270,336

TABLE 5

TOTAL PUBLIC TRANSIT PASSENGERS ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY

(SHEET 2 OF 2)

	(1987)	(1988)	(1989)	(1990)	(1991)	(1992)	(1993)	(1994)	(1995)	(1996)	(1997)
BROOKLYN SECTOR											
14TH STREET TUNNEL	110,649	106,395	102,193	107,181	99,623	101,962	108,457	108,835	109,883	123,782	105,920
WILLIAMSBURG BRIDGE	89,224	86,811	104,243	89,585	102,410	88,859	97,705	99,036	84,492	96,132	91,555
RUTGERS TUNNEL	114,817	118,628	101,449	94,725	101,169	93,791	105,893	105,064	114,366	111,577	106,791
MANHATTAN BRIDGE	170,170	214,529	200,804	244,159	212,487	217,006	237,824	227,778	205,100	239,597	234,249
CRANBERRY TUNNEL	196,614	202,766	217,586	200,500	169,951	228,451	204,432	223,412	214,094	198,328	205,622
CLARK TUNNEL	171,371	159,735	166,798	145,778	135,855	124,247	125,153	122,795	119,725	125,653	128,093
MONTAGUE TUNNEL	190,939	184,763	129,390	83,855	123,010	125,887	105,202	105,283	117,299	99,272	109,689
JORALEMON TUNNEL	101,899	97,877	219,689	189,333	171,701	171,620	181,268	160,171	175,646	171,997	185,118
SECTOR TOTAL	1,145,683	1,171,504	1,242,152	1,155,116	1,116,206	1,151,823	1,165,934	1,152,374	1,140,605	1,166,338	1,167,037
QUEENS SECTOR											
60TH STREET TUNNEL	220,784	226,179	221,949	199,702	164,219	177,277	177,983	186,030	195,752	209,197	204,535
53RD STREET TUNNEL	355,861	323,599	345,046	361,821	392,003	358,629	389,020	390,027	392,099	356,815	370,024
STEINWAY TUNNEL	206,133	199,098	236,981	211,671	225,149	205,860	198,720	196,360	192,253	203,149	212,854
63RD STREET TUNNEL	-	-	-	16,595	19,903	21,702	21,727	22,359	20,116	24,088	22,554
SECTOR TOTAL	782,778	748,876	803,976	789,789	801,274	763,468	787,450	794,776	800,220	793,249	809,967
NEW JERSEY SECTOR											
PATH DOWNTOWN	128,072	124,841	123,925	118,205	118,103	115,391	112,837	116,465	112,237	117,337	100,663
PATH UPTOWN	72,120	69,990	76,969	75,778	73,720	72,726	76,877	80,746	76,833	78,344	97,248
SECTOR TOTAL	200,192	194,831	200,894	193,983	191,823	188,117	189,714	197,211	189,070	195,681	197,911
TOTAL RAIL RAPID TRANSIT	3,382,796	3,418,230	3,535,523	3,328,757	3,321,147	3,284,434	3,346,782	3,427,679	3,433,697	3,460,332	3,445,251
SUBURBAN RAIL											
AMTRAK/MTA METRO-NORTH RAIL	164,885	163,404	167,616	167,136	164,982	165,737	171,410	178,292	180,085	178,877	179,489
AMTRAK/MTA LIRR	221,670	227,837	224,702	215,737	208,600	208,236	211,698	215,390	216,099	224,045	225,313
AMTRAK/NJ TRANSIT	75,408	72,823	75,575	71,887	65,802	65,603	66,249	69,216	70,068	83,772	89,359
TOTAL SUBURBAN RAIL	461,963	464,064	467,893	454,760	439,384	439,576	449,357	462,898	466,252	486,694	494,161
FERRY											
MANHATTAN	-	-	-	-	-	-	-	-	-	97	0
BROOKLYN	430	452	-	-	196	180	177	174	120	107	33
QUEENS	-	332	108	115	136	135	103	386	635	590	414
STATEN ISLAND FERRY	66,617	74,654	69,306	72,656	67,957	64,570	62,658	59,348	58,693	59,009	59,430
NEW JERSEY	3,178	4,828	10,061	14,109	15,749	16,287	17,881	22,336	23,039	24,519	24,191
STATEN IS. PRIVATE FERRY	-	-	-	-	-	-	-	-	-	23	0
TOTAL FERRY	70,225	80,266	79,475	86,880	84,038	81,172	80,819	82,244	82,487	84,345	84,068
ROOSEVELT ISLAND TRAMWAY	6,905	7,653	8,293	4,740	4,035	3,359	-	3,431	3,356	23	3,037
BICYCLE	-	-	-	-	-	-	13,658	12,383	14,815	14,805	14,860
TOTAL, ALL MODES	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	4,428,181	4,438,483	4,489,074	4,515,156

TABLE 6

**TOTAL RAIL TRAINS ENTERING AND LEAVING
THE HUB ON A FALL BUSINESS DAY**

SECTOR AND FACILITY	(1988)		(1989)		(1990)		(1991)		(1992)		1993		(1994)		(1995)		(1996)		(1997)	
	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK
60TH STREET SECTOR																				
IRT LEXINGTON AVE EXPRESS	129	423	129	475	127	425	126	469	112	437	121	390	128	454	118	444	118	463	127	451
IRT LEXINGTON AVE LOCAL	91	455	108	418	103	401	104	401	89	371	94	330	105	398	88	352	91	343	96	341
IND EIGHT AVE EXPRESS	101	372	103	429	99	396	89	366	110	425	94	440	102	433	85	436	82	432	85	457
IND EIGHT AVE LOCAL	69	277	71	386	70	355	68	371	73	332	72	338	71	362	71	334	70	339	79	308
IRT B'WAY/7TH AV EXPRESS	98	437	106	412	92	393	104	425	100	386	101	377	105	378	103	388	101	387	104	395
IRT B'WAY/7TH AV LOCAL	76	348	85	343	84	338	84	327	84	337	83	343	87	347	78	351	75	347	76	330
AMTRAK/METRO-NORTH	206	257	209	264	205	271	204	273	207	270	205	273	205	286	204	284	203	283	204	284
SECTOR TOTAL	770	2,569	811	2,727	780	2,579	779	2,632	775	2,558	770	2,491	803	2,658	747	2,589	740	2,594	771	2,566
BROOKLYN SECTOR																				
BMT 14TH STREET TUNNEL	56	233	60	236	60	244	60	228	58	242	55	234	60	246	53	235	51	217	54	225
BMT WILLIAMSBURG BRIDGE	80	333	89	340	88	345	88	345	87	342	88	340	89	348	87	345	87	347	85	339
IND RUTGERS TUNNEL	62	239	64	267	65	269	66	256	66	269	70	272	67	271	69	276	69	273	70	278
BMT MANHATTAN BRIDGE	114	602	125	498	177	694	130	507	133	518	137	534	136	538	138	531	136	535	128	517
IND CRANBERRY TUNNEL	104	270	111	378	113	363	107	366	114	373	114	370	115	357	107	360	110	355	103	355
IRT CLARK TUNNEL	94	412	96	418	90	390	92	402	94	400	94	390	89	403	93	409	91	408	94	408
BMT MONTAGUE TUNNEL	111	465	118	477	89	311	115	481	115	478	112	481	114	482	111	411	113	414	112	413
IRT JORALEMON TUNNEL	114	434	115	414	112	376	105	434	92	393	118	404	115	410	115	399	109	395	114	391
SECTOR TOTAL	735	2,988	778	3,028	794	2,992	763	3,019	759	3,015	788	3,025	785	3,055	773	2,966	766	2,944	760	2,926
QUEENS SECTOR																				
BMT 60TH STREET TUNNEL	111	498	109	422	107	388	97	336	97	368	96	375	91	377	90	377	92	374	88	376
IND 53RD STREET TUNNEL	129	463	137	519	131	481	138	532	128	481	143	488	137	482	144	509	138	500	144	526
IRT STEINWAY TUNNEL	114	366	117	376	111	363	126	363	126	381	115	374	117	381	114	370	112	369	115	369
63RD STREET TUNNEL	-	-	-	-	41	194	161	265	36	213	41	229	40	238	38	217	40	222	39	214
AMTRAK/LIRR TUNNEL	161	270	165	273	159	266	43	215	158	268	156	268	157	282	155	282	155	284	156	285
SECTOR TOTAL	515	1,597	528	1,590	549	1,692	565	1,711	545	1,711	551	1,734	542	1,760	541	1,755	537	1,749	542	1,770
NEW JERSEY SECTOR																				
PATH DOWNTOWN TUNNEL	184	463	162	445	153	433	147	444	157	436	157	436	157	436	157	436	154	436	157	434
PATH UPTOWN TUNNEL	101	376	99	401	99	364	98	364	99	367	99	367	99	367	99	367	99	363	88	329
AMTRAK/NJ TRANSIT TUNNELS	73	170	63	182	74	170	75	175	73	175	56	178	70	181	68	176	79	201	86	210
SECTOR TOTAL	358	1,009	324	1,028	326	967	320	983	329	978	312	981	326	984	324	979	332	1,000	331	973
GRAND TOTAL	2,378	8,163	2,441	8,373	2,449	8,230	2,427	8,345	2,408	8,262	2,421	8,231	2,456	8,457	2,385	8,289	2,375	8,287	2,404	8,235
TOTAL, NYCTA	1,653	6,627	1,743	6,808	1,759	6,726	1,860	6,874	1,714	6,746	1,748	6,709	1,768	6,905	1,702	6,744	1,685	6,720	1,713	6,693

* PEAK PERIODS ARE 7-10AM AND 4-7-PM OUTBOUND; OFF-PEAK IS THE REMAINDER OF THE 24-HOUR PERIOD

TABLE 7

TOTAL RAIL CARS ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY

SECTOR AND FACILITY	(1988)		(1989)		(1990)		(1991)		(1992)		(1993)		(1994)		(1995)		(1996)		(1997)	
	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK
60TH STREET SECTOR																				
IRT LEXINGTON AVE EXPRESS	1,290	4,230	1,290	4,750	1,270	4,242	1,260	4,678	1,120	4,358	1,210	3,882	1,280	4,528	1,180	4,440	1,180	4,630	1,270	4,490
IRT LEXINGTON AVE LOCAL	910	4,550	1,080	4,180	1,030	4,010	1,040	3,998	890	3,633	938	3,201	1,050	3,896	880	3,496	910	3,430	960	3,410
IND EIGHT AVE EXPRESS	908	3,336	874	3,676	834	3,356	768	3,074	834	3,402	797	3,530	861	3,545	711	3,653	687	3,631	693	3,780
IND EIGHT AVE LOCAL	554	2,276	642	3,450	631	3,015	616	3,114	654	2,332	648	2,396	638	2,740	640	2,683	628	2,694	578	2,536
IRT B'WAY/7TH AV EXPRESS	934	4,185	1,035	4,031	877	3,755	991	4,049	950	3,692	963	3,601	999	3,611	980	3,706	960	3,697	988	3,772
IRT B'WAY/7TH AV LOCAL	760	3,480	850	3,430	840	3,380	840	3,270	840	3,253	830	3,406	870	3,468	780	3,508	750	3,468	760	3,300
AMTRAK/METRO-NORTH	1,363	1,465	1,374	1,499	1,325	1,530	1,323	1,493	1,322	1,489	1,322	1,529	1,339	1,644	1,381	1,749	1,397	1,789	1,411	1,821
SECTOR TOTAL	6,719	23,522	7,145	25,016	6,807	23,288	6,838	23,676	6,610	22,159	6,708	21,545	7,037	23,432	6,552	23,235	6,512	23,339	6,660	23,109
BROOKLYN SECTOR																				
BMT 14TH STREET TUNNEL	448	1,864	480	1,888	480	1,952	480	1,793	464	1,832	440	1,724	480	1,768	424	1,880	408	1,684	432	1,800
BMT WILLIAMSBURG BRIDGE	640	2,664	712	2,720	703	2,702	704	2,325	696	2,736	704	2,512	712	2,580	696	2,760	696	2,468	680	2,712
IND RUTGERS TUNNEL	496	1,912	512	2,136	578	2,348	554	2,018	528	2,060	560	2,088	536	2,168	552	2,208	552	2,182	560	2,224
BMT MANHATTAN BRIDGE	1,006	5,198	1,074	4,306	1,524	5,846	1,106	4,156	1,138	4,026	1,176	4,080	1,164	4,656	1,180	4,538	1,162	4,632	1,118	4,400
IND CRANBERRY TUNNEL	874	2,310	938	3,284	964	3,040	918	3,095	977	2,797	988	2,957	976	2,745	906	3,040	930	3,018	866	3,022
IRT CLARK TUNNEL	891	3,937	911	3,995	852	3,725	874	3,806	892	3,825	893	3,732	846	3,851	883	3,909	866	3,898	892	3,899
BMT MONTAGUE TUNNEL	946	3,960	1,038	4,168	712	2,504	948	3,622	945	3,800	918	3,982	940	4,008	910	3,399	930	3,466	920	3,470
IRT JORALEMON TUNNEL	1,140	4,340	1,150	4,140	1,120	3,758	1,050	4,340	920	3,930	1,180	4,040	1,150	4,100	1,150	3,990	1,090	3,950	1,140	3,910
SECTOR TOTAL	6,441	26,185	6,815	26,637	6,933	25,875	6,634	25,155	6,560	25,006	6,859	25,115	6,804	25,876	6,701	25,724	6,634	25,298	6,608	25,437
QUEENS SECTOR																				
BMT 60TH STREET TUNNEL	1,008	4,432	996	3,776	908	3,312	824	2,802	826	2,956	812	3,130	764	3,152	764	3,178	776	3,168	738	3,182
IND 53RD STREET TUNNEL	1,032	3,700	1,096	4,172	1,110	4,012	1,242	4,603	1,138	4,242	1,274	4,306	1,214	4,306	1,272	4,562	1,234	4,470	1,280	4,726
IRT STEINWAY TUNNEL	1,254	4,026	1,287	4,135	1,221	3,822	1,386	3,896	1,386	4,169	1,265	4,114	1,285	4,191	1,254	4,070	1,232	4,059	1,265	4,059
63RD STREET TUNNEL	-	-	-	-	332	1,532	1,508	2,334	288	1,558	328	1,698	320	2,007	304	1,814	320	1,868	390	1,978
AMTRAK/LIRR TUNNEL	1,522	2,419	1,518	2,402	1,538	2,365	344	1,670	1,483	2,286	1,485	2,283	1,491	2,422	1,479	2,471	1,484	2,501	1,495	2,542
SECTOR TOTAL	4,816	14,577	4,897	14,485	5,109	15,043	5,304	15,305	5,121	15,211	5,164	15,531	5,074	16,078	5,073	16,095	5,046	16,066	5,168	16,487
NEW JERSEY SECTOR																				
PATH DOWNTOWN TUNNEL	1,381	3,642	1,085	3,644	1,229	3,464	1,110	3,337	1,182	3,265	1,182	3,265	1,182	3,265	1,182	3,265	1,158	3,284	1,182	3,266
PATH UPTOWN TUNNEL	707	2,632	693	2,800	693	2,547	686	2,548	693	2,569	693	2,569	693	2,569	693	2,569	798	2,597	616	2,303
AMTRAK/NJ TRANSIT TUNNELS	551	1,056	562	1,091	595	1,143	592	1,239	592	1,185	426	1,230	540	1,248	543	1,245	657	1,398	679	1,465
SECTOR TOTAL	2,639	7,330	2,340	7,535	2,517	7,154	2,388	7,124	2,467	7,019	2,301	7,064	2,415	7,082	2,418	7,079	2,613	7,279	2,477	7,034
GRAND TOTAL	20,615	71,614	21,197	73,673	21,366	71,360	21,164	71,260	20,758	69,395	21,032	69,255	21,330	72,468	20,744	72,133	20,805	71,982	20,913	72,067
TOTAL, NYCTA	15,091	60,400	15,965	62,237	15,986	60,311	17,109	60,973	15,486	58,601	15,924	58,379	16,085	61,320	15,466	60,834	15,311	60,413	15,530	60,670

* PEAK PERIODS ARE 7-10AM AND 4-7-PM OUTBOUND; OFF-PEAK IS THE REMAINDER OF THE 24-HOUR PERIOD

TABLE 8**AVERAGE GROSS SQUARE FEET AVAILABLE
PER PASSENGER ENTERING THE HUB ON A FALL
BUSINESS DAY DURING THE 8AM-9AM PEAK HOUR**

	(1987)	(1988)	(1989)	(1990)	(1991)	(1992)	(1993)	(1994)	(1995)	(1996)	(1997)
60TH STREET SECTOR											
RAIL RAPID TRANSIT-EXPRESS	3.4	3.4	3.3	3.7	3.7	3.6	4.0	4.0	3.4	3.8	3.9
RAIL RAPID TRANSIT-LOCAL	3.8	3.6	4.4	4.5	5.0	4.9	5.1	4.9	5.4	4.8	4.5
SUBURBAN RAIL	8.5	9.0	9.2	8.9	9.0	9.0	8.9	8.9	9.2	9.5	9.6
BUS	7.4	7.5	8.1	7.8	7.9	7.9	8.5	9.4	9.3	8.7	8.9
TOTAL	4.9	4.8	5.0	5.3	5.4	5.2	5.5	5.6	5.4	5.6	5.4
BROOKLYN SECTOR											
RAIL RAPID TRANSIT	4.2	3.8	4.1	5.1	4.7	5.1	5.3	5.5	5.8	7.0	5.8
BUS	6.7	8.3	8.9	9.2	8.7	10.5	8.1	8.7	10.1	10.0	9.5
SECTOR TOTAL	4.3	4.0	4.3	5.3	4.9	5.0	5.1	5.4	5.6	7.2	5.3
QUEENS SECTOR											
RAIL RAPID TRANSIT	3.3	3.5	3.7	4.2	4.2	4.1	8.1	8.3	9.2	12.0	5.1
SUBURBAN RAIL	7.1	7.1	7.7	7.6	7.8	7.9	7.7	8.0	8.2	8.1	8.1
BUS	7.7	8.4	9.8	9.2	10.5	8.1	10.3	9.9	9.4	8.8	10.0
SECTOR TOTAL	4.5	4.7	4.9	5.3	5.3	5.4	5.7	5.7	5.8	6.8	6.1
NEW JERSEY SECTOR											
RAIL RAPID TRANSIT	4.8	5.1	4.9	5.2	4.2	5.4	5.3	5.0	5.2	5.7	5.5
SUBURBAN RAIL	10.0	10.7	10.2	10.4	13.6	12.0	10.0	10.6	9.7	10.4	10.0
BUS	8.7	8.3	8.3	8.3	8.1	8.6	8.1	8.0	8.2	8.2	8.4
SECTOR TOTAL	7.1	7.1	7.0	7.2	7.0	7.7	7.1	7.1	7.2	7.6	7.4
STATEN ISLAND FERRY	14.7	12.2	12.5	12.0	13.2	12.1	12.1	15.0	14.5	14.5	14.3
ROOSEVELT ISLAND TRAMWAY	3.6	3.8	3.0	3.1	3.2	10.6	-	8.1	5.9	7.9	12.1
ALL TRANSIT MODES	4.8	4.9	5.1	5.6	5.5	5.6	5.7	5.9	5.9	6.7	6.1

TABLE 9

EXPRESS AND LOCAL BUS PASSENGERS AND VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY

(1987)	(1988)	(1989)	(1990)	(1991)	(1992)	(1993)	(1994)	(1995)	(1996)	(1997)
53,404	47,088	42,161	43,892	41,866	41,575	40,296	39,459	37,647	38,272	39,181
121,550	122,600	121,800	123,696	118,730	113,100	115,200	125,700	125,604	128,403	141,840
2,132	2,131	1,869	1,966	1,766	1,702	1,952	1,757	1,613	1,565	2,038
177,086	171,819	165,830	169,554	162,362	156,377	157,448	166,916	164,864	168,240	183,059
72,278	70,513	67,417	68,148	66,788	68,244	61,455	52,690	50,923	51,489	54,479
249,364	242,332	233,247	237,702	229,150	224,621	218,903	219,606	215,787	219,729	237,538
2,002	1,846	1,855	1,623	1,691	1,729	1,702	1,674	1,672	1,617	1,639
5,069	5,219	5,385	5,460	5,513	5,458	5,466	5,800	6,060	6,140	6,522
115	109	108	107	107	112	115	112	112	108	108
7,186	7,174	7,348	7,190	7,311	7,299	7,283	7,586	7,844	7,865	8,269
3,084	3,304	3,071	3,288	3,087	3,133	3,097	2,784	2,689	2,775	2,711
10,270	10,478	10,419	10,478	10,398	10,432	10,380	10,370	10,533	10,640	10,980

NOTE:

NORTH OF NYC = TRIPS FROM UPSTATE WHICH ARE VIA FIFTH AVE., AND COLUMBUS AVE.

TABLE 10

**TOTAL PERSONS ENTERING AND LEAVING THE HUB VIA
AUTO, TAXI AND TRUCK ON A FALL BUSINESS DAY**

	(1987)	(1988)	(1989)	(1990)	(1991)	(1992)	(1993)	(1994)	(1995)	(1996)
60TH STREET SECTOR										
EAST OF CENTRAL PARK										
FDR DRIVE	195,862	194,563	191,438	202,093	189,407	206,535	194,787	200,767	201,929	206,887
YORK AVENUE	58,349	54,621	56,567	60,008	48,674	54,041	50,529	57,977	64,625	61,140
SECOND AND FIRST AVENUES	135,281	132,426	122,810	103,086	124,733	137,226	140,363	111,263	126,341	117,613
QNSBORO BR RAMP & NEW ST.	44,430	43,420	46,983	70,149	69,386	72,184	71,418	50,685	47,424	47,601
LEXINGTON AND THIRD AVENUES	95,803	98,238	100,787	92,567	92,812	94,749	102,504	98,643	97,215	89,870
PARK AVENUE	79,653	83,931	75,486	81,430	81,729	78,590	93,082	89,220	71,439	81,567
FIFTH AND MADISON AVENUES	106,583	106,467	101,881	102,307	93,461	117,635	89,155	96,969	98,199	101,432
TOTAL	715,961	713,666	695,952	711,640	700,202	760,960	741,838	705,524	707,172	706,111
CENTRAL PARK DRIVES	61,620	47,860	43,885	42,723	44,084	40,213	33,440	35,110	32,277	38,407
WEST OF CENTRAL PARK										
EIGHTH AVENUE	25,663	24,398	19,284	23,156	24,163	19,193	19,424	24,233	21,180	28,947
BROADWAY	60,530	67,295	56,680	59,391	62,141	69,361	64,245	69,393	67,162	65,552
COLUMBUS AND AMSTERDAM AVES.	79,145	77,306	77,475	80,658	87,814	83,871	73,822	78,676	67,703	80,111
WEST END AVENUE	38,724	39,189	39,064	39,417	44,628	44,238	47,219	40,594	46,006	43,388
WEST SIDE HIGHWAY	135,896	144,154	134,408	142,565	147,369	144,563	145,105	147,312	159,857	159,091
TOTAL	339,958	352,342	326,911	345,187	366,115	361,226	349,815	360,208	361,908	377,088
SECTOR TOTAL	1,117,539	1,113,868	1,066,748	1,099,550	1,110,401	1,162,399	1,125,093	1,100,842	1,101,357	1,121,606
BROOKLYN SECTOR										
WILLIAMSBURG BRIDGE	160,435	153,407	161,474	158,786	161,180	137,237	121,723	117,419	140,997	143,891
MANHATTAN BRIDGE	113,747	110,450	100,567	109,431	103,525	111,361	106,193	111,754	107,125	118,377
BROOKLYN BRIDGE	176,259	184,261	188,062	182,638	177,062	173,048	185,750	185,826	181,754	184,398
BROOKLYN BATTERY TUNNEL	101,389	101,288	95,055	91,515	97,347	95,140	87,265	86,512	92,808	70,622
SECTOR TOTAL	551,830	549,406	545,158	542,370	539,114	516,786	500,931	501,511	522,684	517,288
QUEENS SECTOR										
QUEENS MIDTOWN TUNNEL	118,732	116,584	111,115	107,731	122,127	124,099	117,077	103,850	112,045	110,034
QUEENSBORO BRIDGE	225,270	228,376	226,546	201,351	189,431	203,477	194,830	217,729	225,422	223,232
SECTOR TOTAL	344,002	344,960	337,661	309,082	311,558	327,576	311,907	321,579	337,467	333,265
NEW JERSEY SECTOR										
HOLLAND TUNNEL	102,060	117,245	116,846	121,982	120,766	125,816	133,692	136,559	137,071	136,000
LINCOLN TUNNEL	172,154	166,349	167,342	167,383	161,500	170,596	174,912	173,399	176,089	168,747
SECTOR TOTAL	274,214	283,594	284,188	289,365	282,266	296,412	308,604	309,958	313,160	304,746
STATEN ISLAND FERRY	1,299	1,496	1,788	1,884	-	-	-	1,377	1,149	1,065
TOTAL, ALL FACILITIES	2,288,884	2,293,324	2,235,543	2,242,251	2,243,339	2,303,173	2,246,535	2,235,267	2,275,817	2,277,971

TABLE 11

**MOTOR VEHICLES ENTERING AND LEAVING
THE HUB ON A FALL BUSINESS DAY**

	(1987)	(1988)	(1989)	(1990)	(1991)	(1992)	(1993)	(1994)	(1995)	(1996)	(1997)
60TH STREET SECTOR											
EAST OF CENTRAL PARK											
FDR DRIVE	133,630	132,681	130,648	132,185	123,946	134,854	127,196	131,247	131,995	136,281	137,693
YORK AVENUE	39,066	36,577	38,030	40,755	33,350	36,983	34,351	39,450	43,859	42,448	40,600
SECOND AND FIRST AVENUES	91,388	89,496	82,935	74,252	89,595	98,258	100,575	80,012	90,609	84,139	88,217
QNSBORO BR RAMP & NEW ST.	29,156	28,257	30,769	46,377	45,875	47,728	47,191	33,507	31,383	34,656	37,938
LEXINGTON AND THIRD AVENUE:	62,888	64,361	66,118	61,272	61,678	62,960	68,065	65,410	64,692	62,959	67,601
PARK AVENUE	46,377	48,923	44,142	47,229	47,412	45,487	54,058	51,830	41,541	48,632	50,019
FIFTH AND MADISON AVENUES	63,554	63,471	60,643	63,619	58,545	73,246	56,104	60,358	61,324	64,999	64,843
TOTAL	466,059	463,766	453,285	465,689	460,401	499,516	487,540	461,814	465,403	474,114	486,911
CENTRAL PARK DRIVES											
	16,171	15,342	12,176	24,052	24,148	22,009	18,260	19,202	17,638	21,269	19,971
WEST OF CENTRAL PARK											
EIGHTH AVENUE	26,430	24,128	23,852	14,621	15,199	12,229	12,359	15,355	13,365	18,094	18,290
BROADWAY	39,024	43,395	36,498	37,039	38,929	43,413	40,198	43,344	41,945	42,909	45,070
COLUMBUS AND AMSTERDAM AVE:	53,604	52,408	52,502	54,725	59,581	56,975	50,330	53,498	45,980	56,621	60,252
WEST END AVENUE	27,150	27,461	27,364	27,750	31,389	31,151	33,216	28,527	32,269	30,727	30,757
WEST SIDE HIGHWAY	92,882	98,597	91,798	95,722	98,904	96,958	97,316	98,756	107,224	114,079	116,656
TOTAL	228,831	237,203	220,338	229,857	244,002	240,726	233,419	239,480	240,783	262,430	271,025
SECTOR TOTAL	728,771	727,399	697,751	719,598	728,551	762,251	739,219	720,496	723,824	757,813	777,907
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	107,362	102,643	107,967	114,100	115,345	98,307	86,591	83,525	100,588	88,570	96,124
MANHATTAN BRIDGE	77,519	75,221	68,593	76,651	72,695	78,117	74,526	78,418	75,126	81,075	83,209
BROOKLYN BRIDGE	123,523	129,153	131,951	132,482	128,491	125,643	134,793	134,837	131,883	131,872	147,897
BROOKLYN BATTERY TUNNEL	63,256	62,960	59,254	60,512	63,883	62,510	57,561	57,013	61,097	57,091	54,690
SECTOR TOTAL	371,660	369,977	367,765	383,745	380,414	364,577	353,471	353,793	368,694	358,608	381,920
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	77,813	76,243	72,828	71,186	80,616	81,835	77,288	68,511	73,882	72,285	78,076
QUEENSBORO BRIDGE	151,688	153,841	152,591	140,063	131,438	141,078	135,964	151,483	157,306	161,965	184,372
SECTOR TOTAL	229,501	230,084	225,419	211,249	212,054	222,913	213,252	219,994	231,188	234,250	262,448
NEW JERSEY SECTOR											
HOLLAND TUNNEL	73,656	84,625	84,399	87,976	87,502	90,206	92,685	94,637	96,310	96,799	96,537
LINCOLN TUNNEL	124,342	120,564	121,452	121,711	117,508	118,659	119,652	119,299	119,759	120,930	122,038
SECTOR TOTAL	197,998	205,189	205,851	209,687	205,010	208,865	212,337	213,936	216,069	217,729	218,575
STATEN ISLAND FERRY	886	1,013	1,221	1,232	-	-	-	900	900	900	1,717
TOTAL, ALL FACILITIES	1,528,816	1,533,662	1,498,007	1,525,511	#VALUE!	#VALUE!	#VALUE!	1,509,119	1,540,675	1,569,300	1,642,567

NOTE: - NO MOTOR VEHICLES TRANSPORTED ABOARD STATEN ISLAND FERRY

NOTE: MOTOR VEHICLES INCLUDE AUTOS, TAXIS, COMMUTER VANS, AND BUSES.

TABLE 12

HUB REVERSE TRAVEL ON A FALL BUSINESS DAY*

SECTOR	(1973)	(1974)	(1975)	(1976)	(1977)	(1978)	(1979)	(1980)	(1981)	(1982)	(1983)	(1984)	
60TH STREET	136,126	133,737	142,309	132,614	129,350	123,386	128,330	133,962	140,412	148,232	162,126	155,112	
BROOKLYN	47,849	42,152	42,358	42,628	43,254	41,006	39,161	36,856	54,317	56,322	64,905	57,884	
QUEENS	72,241	63,510	64,602	54,850	48,872	59,631	54,620	53,537	36,109	38,825	38,218	39,530	
NEW JERSEY	33,836	31,698	32,359	31,598	32,145	30,652	30,757	30,012	30,775	32,319	29,721	33,187	
STATEN ISLAND	1,560	1,631	882	1,438	1,305	1,452	1,734	655	579	852	1,112	1,034	
ROOSEVELT ISLAND	N/A	N/A	N/A	N/A	250	314	1,471	1,358	312	312	210	210	
TOTAL, ALL SECTORS	291,612	272,728	282,510	263,128	255,176	256,441	256,073	256,380	262,504	276,862	296,292	286,957	
MODE													
AUTOS, TAXIS, VANS AND TRUCKS	132,650	114,806	120,109	118,427	116,743	117,833	108,110	113,705	117,963	128,817	133,939	129,964	
BUS	16,086	16,975	16,966	16,692	16,094	17,556	17,950	17,671	14,847	18,156	22,952	23,070	
RAIL RAPID TRANSIT	135,740	133,402	138,625	120,429	113,926	110,715	119,197	114,578	119,617	119,642	131,140	125,422	
SUBURBAN AND INTERCITY RAIL	5,835	6,091	6,016	6,240	6,966	8,608	7,734	8,489	9,259	9,138	6,961	7,292	
FERRY	1,401	1,454	794	1,340	1,197	1,420	1,661	579	506	797	1,090	999	
TRAMWAY	N/A	N/A	N/A	N/A	250	314	1,471	1,358	312	312	210	210	
TOTAL, ALL MODES	291,712	272,728	282,510	263,128	255,176	256,446	256,123	256,380	262,504	276,862	296,292	286,957	
SECTOR													
	(1985)	(1986)	(1987)	(1988)	(1989)	(1990)	(1991)	(1992)	(1993)	(1994)	(1995)	(1996)	(1997)
60TH STREET	168,861	163,648	163,848	176,201	178,331	177,467	180,561	191,695	189,046	187,388	178,902	184,943	193,538
BROOKLYN	62,090	69,329	70,805	71,506	69,430	76,200	77,473	81,707	82,213	79,505	81,894	78,563	106,224
QUEENS	43,179	45,569	46,254	44,271	47,741	54,197	47,842	52,175	49,237	48,454	52,097	53,800	62,721
NEW JERSEY	36,722	36,323	35,990	38,752	38,965	39,206	38,598	41,431	42,553	43,703	41,909	44,617	44,331
STATEN ISLAND	740	1,362	1,424	1,569	1,786	1,810	1,513	1,277	1,327	1,325	1,370	1,404	1,673
ROOSEVELT ISLAND	341	326	403	566	467	195	197	121	N/A	140	125	163	117
TOTAL, ALL SECTORS	311,933	316,557	318,724	332,865	336,720	349,075	346,184	368,406	364,376	360,515	356,297	363,490	408,604
MODE													
AUTOS, TAXIS, VANS AND TRUCKS	150,426	132,785	133,031	139,752	132,655	134,966	135,519	140,899	133,619	131,272	135,193	133,044	180,561
BUS	22,708	21,669	21,710	20,723	21,520	21,185	21,512	20,099	20,403	20,671	20,383	21,457	22,923
RAIL RAPID TRANSIT	129,762	152,443	153,460	159,919	170,331	181,187	177,185	196,036	196,775	195,759	188,513	195,647	190,931
SUBURBAN AND INTERCITY RAIL	7,960	8,021	8,823	9,034	9,346	8,597	8,730	9,470	10,773	9,933	9,075	10,452	11,140
FERRY	696	1,313	1,297	2,871	2,401	2,945	3,041	1,781	1,853	2,007	1,994	1,957	2,003
TRAMWAY	341	326	403	566	467	195	197	121	N/A	140	125	163	117
BICYCLE	-	-	-	-	-	-	-	-	953	734	1,014	769	929
TOTAL, ALL MODES	311,893	316,557	318,724	332,865	336,720	349,075	346,184	368,406	364,376	360,516	356,297	363,489	408,604

* PERSONS LEAVING THE HUB DURING 7AM - 10AM PEAK PERIOD, AND THUS TRAVELING CONTRARY TO THE PREDOMINANT DIRECTION OF TRAVEL

TABLE 13A

TRI-STATE REGION POPULATION (IN THOUSANDS)

	(1980)	(1990)	(1995)	(1996)	(1997)	1990/1980	1996/1990	1996/1990	1997/1996
CONNECTICUT									
6 PLANNING REGION	1,624.7	1,695.8	1,692.9	1,696.7	1,693.2	4.38%	0.05%	0.22%	-0.21%
NEW JERSEY									
9 COUNTIES	4,915.2	5,007.6	5,115.1	5,141.2	5,176.0	1.88%	2.67%	0.51%	0.68%
NEW YORK STATE									
MANHATTAN CBD*	507.7	528.1	540.6	544.3	547.4	4.01%	3.08%	0.69%	0.57%
NYC REMAINDER	6,563.9	6,794.5	6,806.7	6,816.9	6,838.1	3.51%	0.33%	0.15%	0.31%
7 SUBURBAN COUNTIES	4,313.8	4,400.6	4,485.6	4,500.3	4,515.6	2.01%	2.27%	0.33%	0.34%
TOTAL	11,385.4	11,723.2	11,832.9	11,861.5	11,901.1	2.97%	1.18%	0.24%	0.33%
TOTAL REGION	17,925.3	18,426.6	18,640.9	18,699.4	18,770.3	2.80%	1.48%	0.31%	0.38%

* Estimated Population

TABLE 13B

TRI-STATE REGION WAGE & SALARY EMPLOYMENT (IN THOUSANDS)

	(1970)	(1980)	(1990)	(1995)	(1996)	(1997)	1990/1980	1996/1990	1996/1995	1997/1996
CONNECTICUT										
6 PLANNING REGION	614.9	719.3	804.3	770.3	775.8	791.2	11.8%	-3.54%	0.71%	1.99%
NEW JERSEY										
9 COUNTIES	1,959.1	2,208.5	2,535.5	2,471.4	2,495.7	2,554.5	14.8%	-1.57%	0.98%	2.36%
NEW YORK STATE										
MANHATTAN CBD*	2,042.0	1,777.0	1,967.3	1,828.1	1,850.0	1,879.6	10.7%	-5.96%	1.20%	1.60%
NYC REMAINDER	1,703.5	1,524.7	1,602.6	1,489.7	1,507.6	1,531.7	5.1%	-5.93%	1.20%	1.60%
7 SUBURBAN COUNTIES	1,245.3	1,540.0	1,878.6	1,804.7	1,816.4	1,846.9	22.0%	-3.31%	0.65%	1.68%
TOTAL	4,990.8	4,841.7	5,448.5	5,122.5	5,174.0	5,258.2	12.5%	-5.04%	1.01%	1.63%
TOTAL REGION	7,564.8	7,769.5	8,788.3	8,364.2	8,445.5	8,603.9	13.1%	-3.90%	0.97%	1.88%

* ESTIMATED

The 6 Planning Regions of Connecticut are: Central Naugatuck, Greater Bridgeport, Housatonic Valley, South Central, South Western and Valley. These 6 Regions include parts of Fairfield, New Haven and Litchfield counties.
The 9 counties of New Jersey are: Bergen, Essex, Hudson, Middlesex, Monmouth, Morris, Passaic, Somerset and Union.
The 7 suburban counties of New York State are: Dutchess, Nassau, Orange, Putnam, Rockland, Suffolk, and Westchester.

APPENDIX II
SUMMARY TABLES 1997

TABLE 14

WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL DAY IN 1997

	AUTOS-TAXIS-VANS-TRUCKS			-- RAIL RAPID TRANSIT --			- - - - - BUSES -			RAILROAD-FERRY-TRAMWAY-BICYCLE			TOTAL PUBLIC TRANSPORTATION			TOTAL PERSONS, ALL MODES		
	8-9 AM	7-10 AM	24 HOUR	8-9 AM	7-10 AM	24 HOUR	8-9 AM	7-10 AM	24 HOUR	8-9 AM	7-10 AM	24 HOUR	8-9 AM	7-10 AM	24 HOUR	8-9 AM	7-10 AM	24 HOUR
60TH STREET SECTOR																		
IRT LEX. AVE. EXPRESS	0	0	0	30,571	67,199	145,211	0	0	0	0	0	0	30,571	67,199	145,211	30,571	67,199	145,211
IRT LEX. AVE. LOCAL	0	0	0	25,817	49,388	135,757	0	0	0	0	0	0	25,817	49,388	135,757	25,817	49,388	135,757
IND 8TH AVE. EXPRESS	0	0	0	24,140	51,595	116,875	0	0	0	0	0	0	24,140	51,595	116,875	24,140	51,595	116,875
IND 8TH AVE. LOCAL	0	0	0	9,107	20,759	44,069	0	0	0	0	0	0	9,107	20,759	44,069	9,107	20,759	44,069
IRT BROADWAY/7TH AVE. EXPRESS	0	0	0	23,550	50,790	116,227	0	0	0	0	0	0	23,550	50,790	116,227	23,550	50,790	116,227
IRT BROADWAY/7TH AVE. LOCAL	0	0	0	16,848	37,021	100,547	0	0	0	0	0	0	16,848	37,021	100,547	16,848	37,021	100,547
FDR DRIVE	7,955	22,054	122,514	0	0	0	0	0	0	0	0	0	0	0	0	7,955	22,054	122,514
YORK AVENUE	1,363	3,699	30,408	0	0	0	1,321	2,476	4,441	0	0	0	1,321	2,476	4,441	2,684	6,175	34,849
SECOND AVENUE	2,926	8,604	65,054	0	0	0	1,770	3,989	11,346	37	100	808	1,807	4,089	12,154	4,733	12,693	77,208
QUEENSBORO BRIDGE RAMP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEXINGTON AVENUE	2,823	6,423	36,374	0	0	0	1,311	3,112	7,952	21	68	743	1,332	3,180	8,695	4,155	9,603	45,069
PARK AVENUE/MTA TUN.	3,006	8,247	42,042	0	0	0	0	0	0	34,349	66,399	91,316	34,349	66,399	91,316	37,355	74,646	133,358
FIFTH AVENUE	3,842	11,736	49,890	0	0	0	2,810	8,334	19,148	46	173	1,121	2,856	8,507	20,269	6,698	20,243	70,159
CENT. PARK DR. AND 7TH AVENUE	2,717	7,636	17,770	0	0	0	0	0	0	22	85	780	22	85	780	2,739	7,721	18,550
BROADWAY	2,680	7,239	47,839	0	0	0	1,238	2,777	8,459	48	159	1,145	1,286	2,936	9,604	3,966	10,175	57,443
COLUMBUS AVENUE	2,590	7,151	43,770	0	0	0	469	1,307	5,846	21	86	901	490	1,393	6,747	3,080	8,544	50,517
WEST END AVENUE	1,335	4,087	23,473	0	0	0	178	431	913	17	40	145	195	471	1,058	1,530	4,558	24,531
WEST SIDE HIGHWAY/AMTRAK-EMP.	6,177	18,170	82,044	0	0	0	0	0	0	176	347	1,442	176	347	1,442	6,353	18,517	83,486
SECTOR TOTAL	37,414	105,046	561,178	130,033	276,752	658,686	9,097	22,426	58,105	34,737	67,457	98,401	173,867	366,635	815,192	211,281	471,681	1,376,370
BROOKLYN SECTOR																		
BMT 14TH ST. TUNNEL	0	0	0	12,398	25,767	54,530	0	0	0	0	0	0	12,398	25,767	54,530	12,398	25,767	54,530
WILLIAMSBURG BR./BMT	11,949	31,947	118,381	13,878	28,836	49,991	96	266	641	82	200	422	14,056	29,302	51,054	26,005	61,249	169,435
IND RUTGERS TUNNEL	0	0	0	11,914	25,787	54,646	0	0	0	0	0	0	11,914	25,787	54,646	11,914	25,787	54,646
MANHATTAN BRIDGE/BMT	2,684	7,805	61,683	31,463	61,496	117,197	116	241	580	0	0	0	31,579	61,737	117,777	34,263	69,542	179,460
IND CRANBERRY TUNNEL	0	0	0	24,049	53,384	107,210	0	0	0	0	0	0	24,049	53,384	107,210	24,049	53,384	107,210
IND CLARK TUNNEL	0	0	0	15,583	32,361	65,494	0	0	0	0	0	0	15,583	32,361	65,494	15,583	32,361	65,494
BMT MONTAGUE TUNNEL	0	0	0	14,667	31,142	55,802	0	0	0	0	0	0	14,667	31,142	55,802	14,667	31,142	55,802
IRT JORALEMON TUNNEL	0	0	0	26,362	55,329	105,559	0	0	0	0	0	0	26,362	55,329	105,559	26,362	55,329	105,559
BROOKLYN BRIDGE	6,727	19,632	115,470	0	0	0	0	0	0	98	255	467	98	255	467	6,825	19,887	115,937
BROOKLYN BATTERY TUNNEL	5,327	13,819	39,491	0	0	0	4,631	11,919	16,795	0	0	0	4,631	11,919	16,795	9,958	25,738	56,286
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	13	21	21	13	21	21	13	21	21
SECTOR TOTAL	26,687	73,203	335,025	150,314	314,102	610,429	4,843	12,426	18,016	193	476	910	155,350	327,004	629,355	182,037	400,207	964,380
QUEENS SECTOR																		
BMT 60TH STREET TUNNEL	0	0	0	24,914	50,750	103,832	0	0	0	0	0	0	24,914	50,750	103,832	24,914	50,750	103,832
IND 53RD STREET TUNNEL	0	0	0	39,526	88,884	181,635	0	0	0	0	0	0	39,526	88,884	181,635	39,526	88,884	181,635
IRT STEINWAY TUNNEL	0	0	0	24,256	51,844	103,802	0	0	0	0	0	0	24,256	51,844	103,802	24,256	51,844	103,802
63RD STREET TUNNEL	0	0	0	1,878	3,925	12,520	0	0	0	0	0	0	1,878	3,925	12,520	1,878	3,925	12,520
QUEENS MIDTOWN TUNNEL	6,250	17,585	62,669	0	0	0	3,115	9,211	14,598	0	0	0	3,115	9,211	14,598	9,365	26,796	77,267
QUEENSBORO BRIDGE	7,213	21,428	113,917	0	0	0	760	1,776	4,979	52	162	387	812	1,938	5,366	8,025	23,366	119,283
MTA LIRR/AMTRAK TUNNEL	0	0	0	0	0	0	0	0	0	38,081	79,051	113,824	38,081	79,051	113,824	38,081	79,051	113,824
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	91	194	225	91	194	225	91	194	225
SECTOR TOTAL	13,463	39,013	176,586	90,574	195,403	401,789	3,875	10,987	19,577	38,224	79,407	114,436	132,673	285,797	535,802	146,136	324,810	712,388
NEW JERSEY SECTOR																		
PATH DOWNTOWN TUNNEL	0	0	0	18,503	38,830	61,691	0	0	0	0	0	0	18,503	38,830	61,691	18,503	38,830	61,691
PATH UPTOWN TUNNEL	0	0	0	11,076	20,187	38,972	0	0	0	0	0	0	11,076	20,187	38,972	11,076	20,187	38,972
HOLLAND TUNNEL	3,387	11,586	70,491	0	0	0	1,704	4,435	7,357	0	0	0	1,704	4,435	7,357	5,091	16,021	77,848
LINCOLN TUNNEL	9,015	23,002	89,348	0	0	0	31,200	67,027	134,483	0	0	0	31,200	67,027	134,483	40,215	90,029	223,831
N. J. TRANSIT/AMTRAK TUNNEL	0	0	0	0	0	0	0	0	0	13,651	25,604	44,742	13,651	25,604	44,742	13,651	25,604	44,742
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	4,168	9,181	12,892	4,168	9,181	12,892	4,168	9,181	12,892
SECTOR TOTAL	12,402	34,588	159,839	29,580	59,016	100,663	32,904	71,462	141,840	17,819	34,785	57,634	80,303	165,263	300,137	92,705	199,851	459,976
STATEN ISLAND FERRY	153	383	660	0	0	0	0	0	0	5,621	15,167	30,245	5,621	15,167	30,245	5,774	15,550	30,905
ROOSEVELT ISLAND TRAM	0	0	0	0	0	0	0	0	0	198	626	1,442	198	626	1,442	198	626	1,442
TOTAL, ALL SECTORS	90,119	252,233	1,233,288	400,501	845,273	1,771,567	50,719	117,301	237,538	96,792	197,918	303,068	548,012	1,160,492	2,312,173	638,131	1,412,725	3,545,461

TABLE 15

WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL DAY IN 1997

	AUTOS-TAXIS-VANS-TRUCKS			RAIL RAPID TRANSIT			BUSES			TRAMWAY-BICYCLE			TOTAL PUBLIC TRANSPORTATION			TOTAL PERSONS, ALL MODES		
	5-6 PM	4-7 PM	24 HOUR	5-6 PM	4-7 PM	24 HOUR	5-6 PM	4-7 PM	24 HOUR	5-6 PM	4-7 PM	24 HOUR	5-6 PM	4-7 PM	24 HOUR	5-6 PM	4-7 PM	24 HOUR
60TH STREET SECTOR																		
IRT LEX. AVE. EXPRESS	0	0	0	23,106	52,572	140,993	0	0	0	0	0	0	23,106	52,572	140,993	23,106	52,572	140,993
IRT LEX. AVE. LOCAL	0	0	0	17,311	41,659	131,638	0	0	0	0	0	0	17,311	41,659	131,638	17,311	41,659	131,638
IND 8TH AVE. EXPRESS	0	0	0	12,880	34,718	94,961	0	0	0	0	0	0	12,880	34,718	94,961	12,880	34,718	94,961
IND 8TH AVE. LOCAL	0	0	0	5,707	14,842	35,124	0	0	0	0	0	0	5,707	14,842	35,124	5,707	14,842	35,124
IRT BROADWAY/7TH AVE. EXPRE	0	0	0	15,318	38,829	105,930	0	0	0	0	0	0	15,318	38,829	105,930	15,318	38,829	105,930
IRT BROADWAY/7TH AVE. LOCAL	0	0	0	13,469	32,022	103,004	0	0	0	0	0	0	13,469	32,022	103,004	13,469	32,022	103,004
FDR DRIVE	5,185	16,904	86,277	0	0	0	0	0	0	0	0	0	0	0	0	5,185	16,904	86,277
YORK AVENUE	1,625	4,823	27,386	0	0	0	323	902	2,652	0	0	0	323	902	2,652	1,948	5,725	30,038
FIRST AVENUE	3,441	10,900	68,700	0	0	0	978	3,135	9,953	42	103	372	1,020	3,238	10,325	4,461	14,138	79,025
QUEENSBORO BRIDGE RAMP	2,105	6,239	47,307	0	0	0	0	0	0	0	0	0	0	0	0	2,105	6,239	47,307
ROADWAY UNDER RAMP (NEW STR	334	965	4,937	0	0	0	0	0	0	0	0	0	0	0	0	334	965	4,937
THIRD AVENUE	2,681	8,092	53,517	0	0	0	1,372	3,180	9,401	79	310	1,243	1,451	3,490	10,644	4,132	11,582	64,161
PARK AVENUE/MTA TUN.	2,533	7,559	39,925	0	0	0	0	0	0	23,059	49,194	86,082	23,059	49,194	86,082	25,592	56,753	126,007
MADISON AVENUE	2,432	7,439	53,713	0	0	0	4,264	12,179	22,141	127	330	1,403	4,391	12,509	23,544	6,823	19,948	77,257
CENTRAL PARK DR. AND 60TH ST	83	219	1,001	0	0	0	0	0	0	0	0	0	0	0	0	83	219	1,001
CENTRAL PARK DR. AND 6TH AVE	1,758	5,596	17,419	0	0	0	0	0	0	151	463	1,402	151	463	1,402	1,909	6,059	18,821
CENTRAL PARK DR. AND COLUMBU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EIGHTH AVENUE	1,592	4,949	29,111	0	0	0	813	2,297	7,692	83	252	1,045	896	2,549	8,737	2,488	7,498	37,848
BROADWAY	1,566	4,975	27,142	0	0	0	679	1,817	4,911	0	0	0	679	1,817	4,911	2,245	6,792	32,053
AMSTERDAM AVENUE	3,049	8,802	41,424	0	0	0	409	989	3,876	32	78	338	441	1,067	4,214	3,490	9,869	45,638
WEST END AVENUE	1,115	2,873	12,342	0	0	0	80	298	890	11	20	60	91	318	950	1,206	3,191	13,292
WEST SIDE HIGHWAY/AMTRAK-EM	5,453	16,446	82,441	0	0	0	0	0	0	137	396	1,492	137	396	1,492	5,590	16,842	83,933
SECTOR TOTAL	34,952	106,781	592,642	87,791	214,642	611,650	8,918	24,797	61,516	23,721	51,146	93,437	120,430	290,585	766,603	155,382	397,366	1,359,245
BROOKLYN SECTOR																		
BMT 14TH ST. TUNNEL	0	0	0	7,355	18,296	51,390	0	0	0	0	0	0	7,355	18,296	51,390	7,355	18,296	51,390
WILLIAMSBURG BR./BMT	6,777	18,767	78,461	7,585	18,757	41,564	169	420	1,330	63	147	291	7,817	19,324	43,185	14,594	38,091	121,646
IND RUTGERS TUNNEL	0	0	0	6,972	17,755	52,145	0	0	0	0	0	0	6,972	17,755	52,145	6,972	17,755	52,145
MANHATTAN BRIDGE/BMT	5,556	15,577	107,400	21,895	52,437	117,052	129	386	734	0	0	0	22,024	52,823	117,786	27,580	68,400	225,186
IND CRANBERRY TUNNEL	0	0	0	17,793	41,937	98,412	0	0	0	0	0	0	17,793	41,937	98,412	17,793	41,937	98,412
IND CLARK TUNNEL	0	0	0	11,044	24,762	62,599	0	0	0	0	0	0	11,044	24,762	62,599	11,044	24,762	62,599
BMT MONTAGUE TUNNEL	0	0	0	12,431	26,473	53,887	0	0	0	0	0	0	12,431	26,473	53,887	12,431	26,473	53,887
IRT JORALEMON TUNNEL	0	0	0	14,370	34,326	79,559	0	0	0	0	0	0	14,370	34,326	79,559	14,370	34,326	79,559
BROOKLYN BRIDGE	2,164	6,530	113,230	0	0	0	0	0	0	91	229	388	91	229	388	2,255	6,759	113,618
BROOKLYN BATTERY TUNNEL	3,393	9,046	29,123	0	0	0	4,590	10,136	14,518	0	0	0	4,590	10,136	14,518	7,983	19,182	43,641
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	0	12	12	0	12	12	0	12	12
SECTOR TOTAL	17,890	49,920	328,214	99,445	234,743	556,608	4,888	10,942	16,582	154	388	691	104,487	246,061	573,869	122,377	295,993	902,095
QUEENS SECTOR																		
BMT 60TH STREET TUNNEL	0	0	0	17,978	42,244	100,703	0	0	0	0	0	0	17,978	42,244	100,703	17,978	42,244	100,703
IND 53RD STREET TUNNEL	0	0	0	40,228	89,240	188,389	0	0	0	0	0	0	40,228	89,240	188,389	40,228	89,240	188,389
IRT STEINWAY TUNNEL	0	0	0	21,645	46,737	109,052	0	0	0	0	0	0	21,645	46,737	109,052	21,645	46,737	109,052
63RD STREET TUNNEL	0	0	0	982	2,717	10,034	0	0	0	0	0	0	982	2,717	10,034	982	2,717	10,034
QUEENS MIDTOWN TUNNEL	4,962	14,411	55,032	0	0	0	576	1,294	2,912	0	0	0	576	1,294	2,912	5,538	15,705	57,944
QUEENSBORO BRIDGE	5,998	16,862	113,917	0	0	0	1,385	3,563	9,711	43	136	332	1,428	3,699	10,043	7,426	20,561	123,960
MTA LIRR/AMTRAK TUNNEL	0	0	0	0	0	0	0	0	0	32,050	68,188	111,489	32,050	68,188	111,489	32,050	68,188	111,489
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	73	157	189	73	157	189	73	157	189
SECTOR TOTAL	10,960	31,273	168,949	80,833	180,938	408,178	1,961	4,857	12,623	32,166	68,481	112,010	114,960	254,276	532,811	125,920	285,549	701,760
NEW JERSEY SECTOR																		
PATH DOWNTOWN TUNNEL	0	0	0	15,133	32,079	57,772	0	0	0	0	0	0	15,133	32,079	57,772	15,133	32,079	57,772
PATH UPTOWN TUNNEL	0	0	0	8,325	18,025	39,476	0	0	0	0	0	0	8,325	18,025	39,476	8,325	18,025	39,476
HOLLAND TUNNEL	4,335	11,496	88,872	0	0	0	981	2,572	5,903	0	0	0	981	2,572	5,903	5,316	14,068	94,775
LINCOLN TUNNEL	11,330	30,608	104,318	0	0	0	32,694	71,186	139,615	0	0	0	32,694	71,186	139,615	44,024	101,794	243,933
N. J. TRANSIT/AMTRAK TUNNEL	0	0	0	0	0	0	0	0	0	10,199	23,001	44,617	10,199	23,001	44,617	10,199	23,001	44,617
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	2,442	5,872	11,299	2,442	5,872	11,299	2,442	5,872	11,299
SECTOR TOTAL	15,665	42,104	193,190	23,458	50,104	97,248	33,675	73,758	145,518	12,641	28,873	55,916	69,774	152,735	298,682	85,439	194,839	491,872
STATEN ISLAND FERRY	130	436	1,417	0	0	0	0	0	0	8,205	17,024	29,415	8,205	17,024	29,415	8,335	17,460	30,832
ROOSEVELT ISLAND TRAM	0	0	0	0	0	0	0	0	0	142	507	1,595	142	507	1,595	142	507	1,595
TOTAL, ALL SECTORS	79,597	230,514	1,284,412	291,527	680,427	1,673,684	49,442	114,354	236,239	77,029	166,419	293,064	417,998	961,188	2,202,975	497,595	1,191,714	3,487,399

TABLE 18

WHERE AND WHEN BUS PASSENGERS ENTERED THE HUB ON A FALL BUSINESS DAY IN 1997

	- - - - LOCAL BUSES - - - -			- - - EXPRESS BUSES - - -			- - - - - TOTAL - - - - -		
	8-9 AM	7-10 AM	24 HOURS	8-9 AM	7-10 AM	24 HOURS	8-9 AM	7-10 AM	24 HOURS
60TH STREET SECTOR									
FDR DRIVE	0	0	0	0	0	0	0	0	0
YORK AVENUE	1,189	2,219	4,144	132	257	297	1,321	2,476	4,441
SECOND AVENUE	1,770	3,989	11,346	0	0	0	1,770	3,989	11,346
LEXINGTON AVENUE	1,181	2,639	7,240	130	473	712	1,311	3,112	7,952
FIFTH AVENUE	1,689	4,144	11,849	1,121	4,190	7,299	2,810	8,334	19,148
BROADWAY	1,175	2,574	8,038	63	203	421	1,238	2,777	8,459
COLUMBUS AVENUE	416	1,060	4,163	53	247	1,683	469	1,307	5,846
WEST END AVENUE	178	431	913	0	0	0	178	431	913
SECTOR TOTAL	7,598	17,056	47,693	1,499	5,370	10,412	9,097	22,426	58,105
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	96	266	641	0	0	0	96	266	641
MANHATTAN BRIDGE	116	241	580	0	0	0	116	241	580
BROOKLYN BATTERY TUNNEL	0	0	0	4,631	11,919	16,795	4,631	11,919	16,795
SECTOR TOTAL	212	507	1,221	4,631	11,919	16,795	4,843	12,426	18,016
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	0	0	0	3,115	9,211	14,598	3,115	9,211	14,598
QUEENSBORO BRIDGE	282	692	1,943	478	1,084	3,036	760	1,776	4,979
SECTOR TOTAL	282	692	1,943	3,593	10,295	17,634	3,875	10,987	19,577
NEW JERSEY SECTOR									
HOLLAND TUNNEL	0	0	0	1,704	4,435	7,357	1,704	4,435	7,357
LINCOLN TUNNEL	0	0	0	31,200	67,027	134,483	31,200	67,027	134,483
SECTOR TOTAL	0	0	0	32,904	71,462	141,840	32,904	71,462	141,840
TOTAL, ALL SECTORS	8,092	18,255	50,857	42,627	99,046	186,681	50,719	117,301	237,538

TABLE 19

WHERE AND WHEN BUS PASSENGERS LEFT THE HUB ON A FALL BUSINESS DAY IN 1997

	- - - - LOCAL BUSES - - - -			- - - EXPRESS BUSES - - -			- - - - TOTAL - - - -		
	5-6 PM	4-7 PM	24 HOURS	5-6 PM	4-7 PM	24 HOURS	5-6 PM	4-7 PM	24 HOURS
60TH STREET SECTOR									
FDR DRIVE	0	0	0	0	0	0	0	0	0
YORK AVENUE	323	902	2,652	0	0	0	323	902	2,652
FIRST AVENUE	926	2,986	9,791	52	149	162	978	3,135	9,953
THIRD AVENUE	1,167	2,792	8,709	205	388	692	1,372	3,180	9,401
MADISON AVENUE	1,841	5,177	13,723	2,423	4,938	8,418	4,264	10,115	22,141
EIGHTH AVENUE	674	2,005	7,117	139	292	575	813	2,297	7,692
BROADWAY	679	1,817	4,911	0	0	0	679	1,817	4,911
AMSTERDAM AVENUE	233	584	2,218	176	405	1,658	409	989	3,876
WEST END AVENUE	80	298	890	0	0	0	80	298	890
SECTOR TOTAL	5,923	16,561	50,011	2,995	6,172	11,505	8,918	22,733	61,516
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	169	420	1,330	0	0	0	169	420	1,330
MANHATTAN BRIDGE	129	386	734	0	0	0	129	386	734
BROOKLYN BATTERY TUNNEL	0	0	0	4,590	10,136	14,518	4,590	10,136	14,518
SECTOR TOTAL	298	806	2,064	4,590	10,136	14,518	4,888	10,942	16,582
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	213	475	506	363	819	2,406	576	1,294	2,912
QUEENSBORO BRIDGE	349	1,073	2,795	1,036	2,490	6,916	1,385	3,563	9,711
SECTOR TOTAL	562	1,548	3,301	1,399	3,309	9,322	1,961	4,857	12,623
NEW JERSEY SECTOR									
HOLLAND TUNNEL	0	0	0	981	2,572	5,905	981	2,572	5,905
LINCOLN TUNNEL	0	0	0	32,694	71,186	139,615	32,694	71,186	139,615
SECTOR TOTAL	0	0	0	33,675	73,758	145,520	33,675	73,758	145,520
TOTAL, ALL SECTORS	6,783	18,915	55,376	42,659	93,375	180,865	49,442	112,290	236,241

TABLE 20

PUBLIC TRANSPORTATION VEHICLE LEVEL OF COMFORT AND HEADWAY ENTERING THE HUB ON A FALL BUSINESS DAY IN 1996 AND 1997, DURING THE 8AM - 9AM PEAK HOUR

	VEHICLES		VEHICLES		VEHICLES		PASSENGERS		PASSENGER		FLOOR SPACE		AVERAGE	
	TRAINS	CARS/BUSES	FLOOR SPACE	FLOOR SPACE	FLOOR SPACE	PASSENGERS	PASSENGERS	PER VEHICLE	PER PASSENGER	PER PASSENGER	PER PASSENGER	HEADWAY	HEADWAY	
	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	
60TH STREET SECTOR														
IRT LEXINGTON AVE EXPRESS	23	27	230	270	103,730	121,770	33,644	30,571	146	113	3.1	4.0	2.6	2.2
IRT LEXINGTON AVE LOCAL	23	21	230	210	103,730	94,710	27,308	25,817	119	123	3.8	3.7	2.6	2.9
IND EIGHT AVE EXPRESS	18	19	154	154	92,708	92,708	19,633	24,140	127	157	4.7	3.8	3.3	3.2
IND EIGHT AVE LOCAL	12	11	108	88	65,016	52,976	8,983	9,107	83	103	7.2	5.8	5.0	5.5
IRT BROADWAY/7TH AVE EXPRESS	15	22	143	210	64,493	94,710	15,671	23,550	110	112	4.1	4.0	4.0	2.7
IRT BROADWAY/7TH AVE LOCAL	12	15	120	150	54,120	67,650	9,527	16,848	79	112	5.7	4.0	5.0	4.0
MTA-AMTRAK TUN.	50	50	385	391	327,250	332,350	34,458	34,479	90	88	9.5	9.6	1.2	1.2
BUSES	-	-	267	254	85,440	81,280	9,869	9,097	37	36	8.7	8.9	-	-
SECTOR TOTAL	153	165	-	-	896,487	938,154	159,093	173,609	-	-	5.6	5.4	-	-
BROOKLYN SECTOR														
BMT 14TH STREET TUNNEL	10	12	80	96	48,160	57,792	10,491	12,398	131	129	4.6	4.7	6.0	5.0
WILLIAMSBURG BRIDGE /BMT	14	18	112	144	67,424	86,688	10,534	13,878	76	96	6.4	6.2	4.3	3.3
IND RUTGERS TUNNEL	11	13	88	104	66,000	78,000	7,660	11,914	114	115	8.6	6.5	5.5	4.6
MANHATTAN BRIDGE/BMT	22	29	188	254	113,176	152,908	21,323	31,463	116	124	5.3	4.9	2.7	2.1
IND CRANBERRY TUNNEL	14	23	122	196	73,444	117,992	10,461	24,049	147	123	7.0	4.9	4.3	2.6
IRT CLARK TUNNEL	14	17	133	161	59,850	72,611	7,153	15,583	80	97	8.4	4.7	4.3	3.5
BMT MONTAGUE TUNNEL	18	20	150	166	90,300	99,932	5,794	14,667	88	88	15.6	6.8	3.3	3.0
IRT JORALEMON TUNNEL	22	25	220	250	99,220	112,750	14,789	26,362	91	105	6.7	4.3	2.7	2.4
BUSES	-	-	175	144	56,000	46,080	5,595	4,843	32	34	10.0	9.5	-	-
SECTOR TOTAL	125	157	-	-	673,574	824,753	93,800	155,157	-	-	7.2	5.3	-	-
QUEENS SECTOR														
BMT 60TH STREET TUNNEL	14	20	116	172	69,832	103,544	17,583	24,914	154	145	4.0	4.2	4.3	3.0
IND 53RD STREET TUNNEL	27	28	242	248	181,500	186,000	28,781	39,526	183	159	6.3	4.7	2.2	2.1
IRT STEINWAY TUNNEL	19	25	209	275	94,259	124,025	16,186	24,256	85	88	5.8	5.1	3.2	2.4
63RD STREET TUNNEL	5	8	40	80	24,080	48,160	757	1,878	26	23	31.8	25.6	12.0	7.5
LIRR/AMTRAK TUNNELS	37	37	362	362	307,700	307,700	38,056	38,081	104	105	8.1	8.1	1.6	1.6
BUSES	-	-	159	121	50,880	38,720	5,750	3,875	34	32	8.8	10.0	-	-
SECTOR TOTAL	102	118	-	-	728,251	808,149	107,113	132,530	-	-	6.8	6.1	-	-
NEW JERSEY SECTOR														
PATH DOWNTOWN TUNNEL	33	31	248	233	107,632	101,122	18,460	18,503	70	79	5.8	5.5	1.8	1.9
PATH UPTOWN TUNNEL	20	17	140	119	60,760	51,646	11,025	11,076	101	93	5.5	4.7	3.0	3.5
N.J. TRANSIT/AMTRAK TUNNEL	18	18	162	161	137,700	136,850	13,267	13,651	88	85	10.4	10.0	3.8	3.3
BUSES	-	-	871	847	284,817	276,969	42,752	32,904	40	39	8.2	8.4	-	-
SECTOR TOTAL	71	66	-	-	590,909	566,587	85,504	76,134	-	-	7.6	7.4	-	-
STATEN ISLAND FERRY														
STATEN ISLAND FERRY	4	4	-	-	80,000	80,000	5,527	5,601	1,382	1,400	14.5	14.3	15.0	15.0
ROOSEVELT ISLAND TRAMWAY														
ROOSEVELT ISLAND TRAMWAY	8	8	-	-	2,400	2,400	304	198	51	38	7.9	12.1	7.5	7.5
TOTAL, ALL SECTOR	463	518	-	-	#####	3,165,509	451,341	546,520	-	-	6.7	6.1	-	-

TABLE 21A

HOURLY VARIATION IN TOTAL PERSONS ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY IN 1995, 1996, AND 1997

HOURS	----- 1995 -----			----- 1996 -----			----- 1997 -----		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12-1 AM	29,197	54,796	83,993	33,593	59,763	93,356	33,586	58,531	92,117
2	16,867	30,439	47,306	18,810	31,243	50,053	19,537	29,376	48,913
3	11,629	17,753	29,382	13,382	18,307	31,690	16,359	17,079	33,438
4	10,453	12,753	23,206	12,359	13,179	25,538	16,282	13,665	29,947
5	16,401	13,558	29,959	18,595	14,819	33,414	25,607	16,631	42,238
6	51,372	24,472	75,844	57,734	26,262	83,996	65,125	31,730	96,855
7	181,727	61,597	243,324	192,689	62,924	255,613	195,958	59,590	255,548
8	451,281	119,357	570,638	448,899	119,606	568,505	451,313	129,714	581,027
9	619,793	136,463	756,256	629,628	134,683	764,311	638,102	153,007	791,109
10	325,112	104,695	429,807	325,314	109,201	434,515	323,310	125,883	449,193
11	170,431	91,369	261,800	177,113	94,190	271,303	180,812	109,217	290,029
12 NOON	136,942	97,203	234,145	143,684	97,294	240,979	148,631	109,646	258,277
1 PM	126,215	114,680	240,895	129,276	109,438	238,714	134,133	126,853	260,986
2	121,644	124,250	245,894	128,245	123,382	251,627	134,704	143,922	278,626
3	133,644	153,942	287,586	133,647	151,945	285,592	139,204	164,304	303,508
4	147,282	206,440	353,722	150,466	202,615	353,081	157,398	209,578	366,976
5	167,213	325,107	492,320	166,026	307,493	473,519	164,178	304,994	469,172
6	169,130	507,622	676,752	165,944	482,506	648,450	169,164	497,594	666,758
7	132,662	380,724	513,386	130,556	394,636	525,192	134,524	387,062	521,586
8	97,026	233,490	330,516	102,430	246,844	349,274	102,415	248,550	350,965
9	79,733	162,342	242,075	81,232	177,344	258,577	86,672	188,580	275,252
10	68,723	124,749	193,472	71,035	137,976	209,011	77,516	146,257	223,773
11	64,854	101,608	166,462	68,227	112,703	180,930	71,500	119,098	190,598
12 MID	53,136	81,566	134,702	56,774	86,403	143,177	59,429	96,538	155,967
TOTAL	3,382,467	3,280,975	6,663,442	3,455,659	3,314,758	6,770,417	3,545,459	3,487,399	7,032,858

TABLE 21B

MAXIMUM NET ACCUMULATION OF TOTAL PERSONS IN THE HUB ON A FALL BUSINESS DAY

1963	-	1,540,000	AT	02:00 PM
1971	-	1,545,000	AT	01:00 PM
1973	-	1,407,000	AT	01:00 PM
1974	-	1,411,000	AT	01:00 PM
1975	-	1,402,000	AT	01:00 PM
1976	-	1,319,000	AT	01:00 PM
1977	-	1,356,000	AT	01:00 PM
1978	-	1,329,000	AT	01:00 PM
1979	-	1,388,000	AT	02:00 PM
1980	-	1,436,000	AT	01:00 PM
1981	-	1,446,000	AT	01:00 PM
1982	-	1,487,000	AT	01:00 PM
1983	-	1,500,000	AT	01:00 PM
1984	-	1,511,000	AT	01:00 PM
1985	-	1,485,000	AT	01:00 PM
1986	-	1,471,000	AT	01:00 PM
1987	-	1,448,000	AT	01:00 PM
1988	-	1,447,000	AT	02:00 PM
1989	-	1,481,000	AT	01:00 PM
1990	-	1,318,000	AT	01:00 PM
1991	-	1,325,000	AT	01:00 PM
1992	-	1,262,000	AT	01:00 PM
1993	-	1,250,000	AT	01:00 PM
1994	-	1,273,000	AT	01:00 PM
1995	-	1,277,000	AT	01:00 PM
1996	-	1,295,000	AT	01:00 PM
1997	-	1,303,000	AT	01:00 PM

TABLE 22A

**HOURLY VARIATION IN TOTAL PUBLIC TRANSIT
PASSENGERS ENTERING AND LEAVING THE HUB ON
A FALL BUSINESS DAY IN 1995, 1996, AND 1997**

HOURS	----- 1995 -----			----- 1996 -----			----- 1997 -----		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12-1 AM	7,024	22,275	29,299	7,248	26,114	33,362	7,276	25,443	32,719
2	3,229	9,408	12,637	3,341	11,278	14,619	3,703	10,149	13,852
3	2,125	4,173	6,298	2,820	5,530	8,350	5,170	4,658	9,828
4	2,434	3,006	5,440	3,074	3,305	6,379	5,883	3,240	9,123
5	5,189	2,982	8,171	6,136	3,391	9,527	11,002	3,358	14,360
6	26,189	7,871	34,060	30,149	7,230	37,379	33,142	7,519	40,661
7	130,740	29,384	160,124	134,980	30,263	165,243	138,809	30,244	169,053
8	373,425	74,623	448,048	373,778	75,756	449,534	368,199	75,606	443,805
9	540,127	86,859	626,986	548,854	88,721	637,575	547,502	87,821	635,323
10	251,466	59,622	311,088	252,824	65,968	318,792	243,343	63,687	307,030
11	115,762	48,572	164,334	117,765	47,397	165,162	116,903	45,347	162,250
12 NOON	89,627	50,263	139,890	88,890	50,213	139,103	87,994	49,025	137,019
1 PM	72,814	62,834	135,648	76,924	59,175	136,099	76,357	56,887	133,244
2	70,762	74,245	145,007	73,833	69,255	143,088	73,610	67,881	141,491
3	77,115	94,027	171,142	77,111	91,684	168,795	78,284	93,144	171,428
4	89,011	141,243	230,254	91,074	134,178	225,252	92,367	137,858	230,225
5	103,869	242,669	346,538	107,738	233,664	341,402	99,467	230,413	329,880
6	104,291	416,560	520,851	106,013	404,564	510,577	101,752	417,239	518,991
7	70,693	289,513	360,206	69,353	315,126	384,479	72,885	309,279	382,164
8	44,004	170,299	214,303	45,533	178,253	223,786	45,121	181,377	226,498
9	32,903	107,642	140,545	30,886	111,295	142,181	32,332	117,991	150,323
10	23,550	76,200	99,750	23,627	77,683	101,310	26,422	81,015	107,437
11	20,817	53,490	74,307	21,254	55,278	76,532	21,116	55,112	76,228
12 MID	15,521	38,035	53,556	15,141	38,780	53,921	15,928	41,436	57,364
TOTAL	2,272,687	2,165,795	4,438,482	2,308,346	2,184,101	4,492,447	2,304,567	2,195,729	4,500,296

TABLE 22B

**MAXIMUM NET ACCUMULATION OF TOTAL TRANSIT
PASSENGERS IN THE HUB ON A FALL BUSINESS DAY**

1963	-	1,425,000	AT	02:00 PM
1971	-	1,376,000	AT	01:00 PM
1973	-	1,245,000	AT	01:00 PM
1974	-	1,263,000	AT	01:00 PM
1975	-	1,254,000	AT	01:00 PM
1976	-	1,209,000	AT	02:00 PM
1977	-	1,189,000	AT	01:00 PM
1978	-	1,167,000	AT	01:00 PM
1979	-	1,226,000	AT	01:00 PM
1980	-	1,274,000	AT	01:00 PM
1981	-	1,291,000	AT	01:00 PM
1982	-	1,291,000	AT	01:00 PM
1983	-	1,299,000	AT	01:00 PM
1984	-	1,302,000	AT	01:00 PM
1985	-	1,300,000	AT	02:00 PM
1986	-	1,290,000	AT	01:00 PM
1987	-	1,258,000	AT	01:00 PM
1988	-	1,272,000	AT	02:00 PM
1989	-	1,305,000	AT	01:00 PM
1990	-	1,166,000	AT	01:00 PM
1991	-	1,170,000	AT	01:00 PM
1992	-	1,114,000	AT	01:00 PM
1993	-	1,107,000	AT	01:00 PM
1994	-	1,124,000	AT	01:00 PM
1995	-	1,134,000	AT	01:00 PM
1996	-	1,147,000	AT	02:00 PM
1997	-	1,214,000	AT	01:00 PM

TABLE 23A

HOURLY VARIATION IN TOTAL MOTOR VEHICLES ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY IN 1995, 1996, AND 1997

HOURS	----- 1995 -----			----- 1996 -----			----- 1997 -----		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12-1 AM	16,478	24,334	40,812	18,230	23,419	41,649	18,292	25,270	43,562
1-2 AM	9,693	14,070	23,763	10,634	13,815	24,449	10,914	14,787	25,701
2-3 AM	7,045	8,788	15,833	7,209	8,775	15,984	7,650	9,355	17,005
3-4 AM	6,134	6,637	12,771	6,436	6,799	13,235	7,200	7,401	14,601
4-5 AM	8,126	7,695	15,821	8,627	7,788	16,415	10,017	8,791	18,808
5-6 AM	18,278	12,534	30,812	18,864	12,950	31,814	21,502	14,342	35,844
6-7 AM	41,766	24,926	66,692	42,922	24,366	67,288	42,359	27,932	70,291
7-8 AM	53,984	33,840	87,824	54,290	33,275	87,565	55,797	37,383	93,180
8-9 AM	53,341	34,308	87,649	54,434	35,065	89,499	55,150	37,559	92,709
9-10 AM	49,434	32,563	81,997	49,078	32,777	81,855	51,672	34,918	86,590
10-11 AM	40,294	32,605	72,899	41,134	33,159	74,293	42,641	34,229	76,870
11-12 N	38,404	32,583	70,987	37,628	32,771	70,399	39,329	34,996	74,325
12 N-1 PM	36,482	33,664	70,146	35,998	34,724	70,722	37,425	36,815	74,240
1-2 PM	35,655	35,061	70,716	36,105	36,350	72,455	38,452	38,963	77,415
2-3 PM	37,924	38,934	76,858	38,396	40,461	78,857	39,881	43,650	83,531
3-4 PM	40,277	46,058	86,335	40,539	45,808	86,347	42,612	48,625	91,237
4-5 PM	40,952	49,908	90,860	39,825	49,037	88,862	42,735	51,185	93,920
5-6 PM	40,000	51,031	91,031	40,575	50,962	91,537	43,140	52,031	95,171
6-7 PM	39,267	51,222	90,489	41,676	52,337	94,013	41,165	52,726	93,891
7-8 PM	37,858	46,745	84,603	39,455	47,925	87,380	39,891	47,789	87,680
8-9 PM	33,250	43,158	76,408	33,776	45,370	79,146	35,975	45,237	81,212
9-10 PM	31,018	38,580	69,598	32,039	41,639	73,678	33,691	42,113	75,804
10-11 PM	30,389	36,516	66,905	31,606	39,273	70,879	33,050	40,802	73,852
11 PM-12 MID	26,377	32,339	58,716	28,201	32,699	60,900	28,834	36,282	65,116
TOTAL	772,426	768,099	1,540,525	787,677	781,547	1,569,224	819,374	823,181	1,642,555

TABLE 23B

MAXIMUM NET ACCUMULATION OF TOTAL MOTOR VEHICLES IN THE HUB ON A FALL BUSINESS DAY

1963	-	75,700	AT	03:00 PM
1971	-	109,500	AT	01:00 PM
1973	-	89,300	AT	02:00 PM
1974	-	85,700	AT	02:00 PM
1975	-	84,400	AT	02:00 PM
1976	-	93,500	AT	01:00 PM
1977	-	97,400	AT	02:00 PM
1978	-	96,900	AT	02:00 PM
1979	-	101,500	AT	02:00 PM
1980	-	101,500	AT	02:00 PM
1981	-	97,400	AT	02:00 PM
1982	-	102,100	AT	02:00 PM
1983	-	105,800	AT	01:00 PM
1984	-	125,300	AT	02:00 PM
1985	-	104,000	AT	01:00 PM
1986	-	107,200	AT	01:00 PM
1987	-	110,900	AT	02:00 PM
1988	-	100,800	AT	01:00 PM
1989	-	101,300	AT	02:00 PM
1990	-	101,800	AT	01:00 PM
1991	-	102,300	AT	01:00 PM
1992	-	96,300	AT	01:00 PM
1993	-	94,100	AT	02:00 PM
1994	-	97,100	AT	02:00 PM
1995	-	94,100	AT	02:00 PM
1996	-	93,800	AT	01:00 PM
1997	-	101,000	AT	02:00 PM

TABLE 24**TOTAL PERSONS ENTERING THE HUB
BY HOUR AND MODE ON A FALL DAY IN 1997**

HOURS	AUTO/TAXI VAN/TRUCK	RAIL RAPID TRANSIT	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL
12-1 AM	26,310	6,040	702	479	46	9	0	33,586
2	15,833	2,876	499	301	21	6	0	19,536
3	11,188	2,138	2,492	509	31	0	0	16,358
4	10,399	2,607	3,075	113	88	0	0	16,282
5	14,604	5,820	4,560	317	305	0	0	25,606
6	31,983	27,432	3,028	1,685	997	0	0	65,125
7	57,150	94,446	23,361	16,175	4,780	47	0	195,959
8	82,811	251,482	46,793	57,955	11,788	181	303	451,313
9	90,119	400,501	50,719	86,211	9,873	198	481	638,102
10	79,302	193,291	19,789	27,164	2,852	247	665	323,310
11	63,230	94,297	9,712	11,132	1,668	94	680	180,813
12 NOON	59,925	72,739	7,574	6,074	1,522	85	712	148,631
1 PM	57,033	62,211	6,995	5,975	1,137	39	743	134,133
2	60,342	61,181	6,575	4,702	1,073	79	752	134,704
3	60,241	65,988	6,982	4,170	1,067	77	679	139,204
4	64,278	80,645	7,418	3,190	1,047	67	753	157,398
5	63,976	84,140	9,008	5,134	1,120	65	735	164,178
6	66,722	86,673	8,958	4,801	1,252	68	690	169,164
7	61,226	59,372	6,964	5,573	911	65	413	134,524
8	57,293	37,604	3,876	3,073	537	31	0	102,414
9	54,340	27,227	2,582	2,109	382	32	0	86,672
10	51,094	22,128	2,253	1,643	376	22	0	77,516
11	50,385	17,346	2,160	1,306	295	9	0	71,501
12 MID	43,501	13,383	1,463	957	104	21	0	59,429
TOTAL	1,233,285	1,771,567	237,538	250,748	43,272	1,442	7,606	3,545,458

TABLE 25**TOTAL PERSONS LEAVING THE HUB
BY HOUR AND MODE ON A FALL DAY IN 1997**

HOURS	AUTO/TAXI VAN/TRUCK	RAIL RAPID TRANSIT	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL
12-1 AM	33,088	20,447	2,493	1,988	493	22	0	58,531
2	19,227	8,209	907	832	180	21	0	29,376
3	12,421	3,962	526	106	64	0	0	17,079
4	10,425	2,651	198	344	47	0	0	13,665
5	13,273	2,961	245	105	47	0	0	16,631
6	24,211	6,262	692	482	83	0	0	31,730
7	29,346	25,741	2,692	1,525	255	31	0	59,590
8	53,963	63,281	7,285	4,386	619	35	0	129,569
9	64,870	73,750	9,258	3,853	903	57	145	152,836
10	61,728	53,900	6,380	2,901	481	25	316	125,731
11	63,228	37,987	4,766	2,062	487	45	468	109,043
12 NOON	59,973	40,459	5,095	2,847	585	39	642	109,640
1 PM	69,280	46,649	5,681	3,596	912	49	648	126,815
2	75,344	55,316	6,894	4,628	1,003	40	686	143,911
3	70,469	74,833	8,886	7,734	1,546	145	697	164,310
4	70,964	106,945	14,834	13,342	2,591	146	691	209,513
5	73,770	167,263	27,790	28,659	6,539	162	756	304,939
6	79,596	291,527	49,442	65,429	10,699	142	811	497,646
7	77,148	221,637	35,058	46,632	5,749	203	759	387,186
8	67,173	136,175	19,280	22,767	3,043	112	635	249,185
9	70,589	93,100	11,176	11,545	2,022	148	0	188,580
10	65,242	64,325	7,482	8,039	1,094	75	0	146,257
11	63,986	43,589	5,085	5,546	814	78	0	119,098
12 MID	55,102	32,715	4,096	4,065	540	20	0	96,538
TOTAL	1,284,416	1,673,684	236,241	243,413	40,796	1,595	7,254	3,487,399

TABLE 26

**TOTAL PERSONS ENTERING THE HUB
BY HOUR AND SECTOR IN 1997**

HOURS	60TH. ST. SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	STATEN IS. SECTOR	ROOSEVELT ISLAND	TOTAL
12-1 AM	18,467	7,764	4,680	2,619	46	9	33,585
2	10,415	4,531	2,805	1,759	21	6	19,537
3	6,815	3,658	2,097	3,757	31	0	16,358
4	5,483	3,825	2,227	4,660	88	0	16,283
5	7,288	5,969	4,117	7,927	305	0	25,606
6	21,351	17,595	16,036	9,146	997	0	65,125
7	55,667	56,345	46,147	33,590	4,162	47	195,958
8	144,154	123,599	107,356	67,857	8,165	181	451,312
9	211,252	182,037	146,136	92,704	5,774	198	638,101
10	116,273	94,571	71,318	39,290	1,611	247	323,310
11	68,704	48,705	39,544	22,574	1,191	94	180,812
12 NOON	60,233	42,425	28,888	15,789	1,210	85	148,630
1 PM	57,012	36,722	25,301	14,216	844	39	134,134
2	58,393	37,418	23,750	14,206	858	79	134,704
3	59,965	37,898	25,443	14,914	908	77	139,205
4	70,659	42,351	27,973	15,433	915	67	157,398
5	71,255	44,828	27,752	19,327	951	65	164,178
6	72,990	44,013	30,977	20,352	764	68	169,164
7	61,655	33,101	22,603	16,524	576	65	134,524
8	47,860	25,346	15,568	13,210	400	31	102,415
9	44,495	19,343	12,310	10,146	347	32	86,673
10	39,025	18,865	11,190	8,054	359	22	77,515
11	35,391	18,649	10,090	7,076	285	9	71,500
12 MID	31,567	14,820	8,078	4,846	97	21	59,429
TOTAL	1,376,369	964,378	712,386	459,976	30,905	1,442	3,545,456

TABLE 27

**TOTAL PERSONS LEAVING THE HUB
BY HOUR AND SECTOR IN 1997**

HOURS	60TH. ST. SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	STATEN IS. SECTOR	ROOSEVELT ISLAND	TOTAL
12-1 AM	23,740	15,965	11,777	6,673	354	22	58,531
2	11,884	8,133	5,615	3,543	180	21	29,376
3	6,996	4,952	2,916	2,150	64	0	17,078
4	5,323	3,762	2,669	1,865	47	0	13,666
5	6,373	4,119	3,404	2,688	47	0	16,631
6	12,031	6,369	7,905	5,342	83	0	31,730
7	29,282	10,638	14,721	4,689	229	31	59,590
8	61,118	33,526	23,868	10,608	559	35	129,714
9	71,955	39,908	21,937	18,478	672	57	153,007
10	60,465	32,790	16,916	15,245	442	25	125,883
11	49,817	32,800	14,034	12,104	418	45	109,218
12 NOON	52,133	28,405	15,204	13,360	505	39	109,646
1 PM	55,025	39,029	17,947	14,073	731	49	126,854
2	58,967	47,953	21,475	14,695	793	40	143,923
3	70,242	42,758	30,365	19,538	1,257	145	164,305
4	83,245	52,044	43,219	28,800	2,128	146	209,582
5	103,659	80,573	67,167	48,108	5,325	162	304,994
6	155,382	122,377	125,920	85,439	8,335	142	497,595
7	136,260	93,043	92,462	61,293	3,800	203	387,061
8	95,775	58,748	52,643	39,504	1,768	112	248,550
9	68,084	52,684	38,242	28,230	1,192	148	188,580
10	55,381	38,892	29,486	21,585	838	75	146,257
11	48,494	28,735	23,183	17,885	723	78	119,098
12 MID	37,615	23,891	18,689	15,981	342	20	96,538
TOTAL	1,359,246	902,094	701,764	491,876	30,832	1,595	3,487,407

APPENDIX III
HOURLY DETAIL TABLES 1997

SECTION A: BUS TRANSIT BY ROUTE

RECAPITULATION, 1997 - INBOUND

HOURS	60TH ST SECTOR		BROOKLYN SECTOR		QUEENS SECTOR		N. J. SECTOR		ALL SECTORS	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12-1 AM	38	228	2	0	7	11	60	463	107	702
2	15	78	2	0	1	1	22	420	40	499
3	10	40	2	0	1	0	15	2,452	28	2,492
4	10	15	2	0	1	0	12	3,060	25	3,075
5	14	93	4	55	1	0	15	4,412	34	4,560
6	49	575	19	577	10	321	107	1,555	185	3,028
7	147	2,885	104	3,029	72	2,524	379	14,923	702	23,361
8	267	7,696	185	6,361	151	5,828	825	26,908	1,428	46,793
9	254	9,097	144	4,843	121	3,875	847	32,904	1,366	50,719
10	201	5,633	55	1,222	64	1,284	594	11,650	914	19,789
11	150	3,443	28	486	42	926	255	4,857	475	9,712
12 NOON	143	3,071	20	323	38	792	200	3,388	401	7,574
1 PM	136	2,906	18	274	42	546	180	3,269	376	6,995
2	147	2,945	18	205	35	449	224	2,976	424	6,575
3	155	2,973	17	195	39	582	257	3,232	468	6,982
4	158	3,396	15	138	48	449	307	3,435	528	7,418
5	197	3,335	16	111	37	432	486	5,130	736	9,008
6	150	2,806	16	105	40	467	543	5,580	749	8,958
7	136	2,036	14	42	37	265	349	4,621	536	6,964
8	125	1,594	6	20	27	174	343	2,088	501	3,876
9	101	922	3	10	24	222	199	1,428	327	2,582
10	99	875	4	13	23	213	133	1,152	259	2,253
11	89	929	3	3	21	146	93	1,082	206	2,160
12 MID	69	534	3	4	16	70	77	855	165	1,463
TOTAL	2,860	58,105	700	18,016	898	19,577	6,522	141,840	10,980	237,538

RECAPITULATION, 1997- OUTBOUND

HOURS	60TH ST SECTOR		BROOKLYN SECTOR		QUEENS SECTOR		N. J. SECTOR		ALL SECTORS	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12-1 AM	71	817	7	107	10	278	38	1,291	126	2,493
2	28	148	2	5	2	8	28	746	60	907
3	14	83	2	1	2	4	10	438	28	526
4	8	28	2	1	2	2	6	167	18	198
5	11	29	2	1	4	13	15	202	32	245
6	21	104	2	10	12	47	118	531	153	692
7	44	424	3	41	22	106	403	2,121	472	2,692
8	109	1,847	8	86	35	180	758	5,172	910	7,285
9	154	2,384	8	71	34	210	495	6,593	691	9,258
10	184	2,008	13	59	36	203	245	4,110	478	6,380
11	165	1,952	15	107	36	249	158	2,458	374	4,766
12 NOON	152	2,602	15	178	40	376	150	1,939	357	5,095
1 PM	128	2,549	17	260	41	426	154	2,446	340	5,681
2	146	3,097	21	398	41	529	165	2,870	373	6,894
3	150	3,554	20	460	48	891	236	3,981	454	8,886
4	152	4,199	45	1,181	56	1,286	406	8,168	659	14,834
5	210	6,223	113	3,193	67	1,578	774	16,796	1,164	27,790
6	266	8,918	159	4,888	65	1,961	713	33,675	1,203	49,442
7	221	7,592	100	2,861	51	1,318	395	23,287	767	35,058
8	171	4,874	60	1,343	36	1,094	241	11,969	508	19,280
9	133	3,000	29	637	25	715	180	6,824	367	11,176
10	118	2,320	16	350	24	446	123	4,366	281	7,482
11	94	1,596	12	218	16	351	112	2,920	234	5,085
12 MID	89	1,168	10	126	16	352	79	2,450	194	4,096
TOTAL	2,839	61,516	681	16,582	721	12,623	6,002	145,520	10,243	236,241

SECTION B: RAIL RAPID TRANSIT BY LINE

RECAPITULATION, 1997 - INBOUND

HOURS	--60TH STREET SECTOR--			--BROOKLYN SECTOR--			--QUEENS SECTOR--			--NEW JERSEY SECTOR--			--ALL SECTORS--		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS
12-1 AM	23	216	2,974	34	294	1,504	16	142	1,236	6	44	326	79	696	6,040
2	18	166	1,349	25	216	756	15	137	617	4	30	154	62	549	2,876
3	17	160	904	22	186	645	14	126	486	4	30	103	57	502	2,138
4	17	152	849	27	230	986	15	139	618	4	30	154	63	551	2,607
5	19	176	2,152	24	214	2,175	14	124	1,297	4	30	196	61	544	5,820
6	33	306	9,966	30	258	8,660	21	195	8,267	4	30	539	88	789	27,432
7	54	503	29,334	76	658	37,336	36	334	23,512	19	140	4,264	185	1,635	94,446
8	90	845	81,457	122	1,055	94,125	67	638	57,956	39	287	17,944	318	2,825	251,482
9	115	1,082	130,033	157	1,371	150,314	81	775	90,574	48	352	29,580	401	3,580	400,501
10	82	768	65,262	115	1,002	69,663	54	516	46,873	36	263	11,493	287	2,549	193,291
11	73	679	32,513	95	833	31,808	44	419	24,827	22	160	5,149	234	2,091	94,297
12 NOON	74	686	27,483	89	773	24,516	42	397	17,368	22	160	3,372	227	2,016	72,739
1 PM	77	720	25,137	84	722	19,883	36	336	14,133	22	160	3,058	219	1,938	62,211
2	81	754	24,719	85	734	20,118	41	393	13,734	22	160	2,610	229	2,041	61,181
3	72	672	26,908	92	805	21,539	43	404	14,890	23	167	2,651	230	2,048	65,988
4	79	737	34,954	96	833	25,283	49	466	17,549	24	174	2,859	248	2,210	80,645
5	93	868	36,656	124	1,071	26,580	46	453	16,998	29	211	3,906	292	2,603	84,140
6	94	876	37,946	134	1,179	25,025	71	680	18,767	46	336	4,935	345	3,071	86,673
7	76	708	29,691	110	966	15,951	55	528	10,910	37	270	2,820	278	2,472	59,372
8	63	586	19,149	98	858	10,304	45	415	6,607	22	160	1,544	228	2,019	37,604
9	62	578	14,233	71	622	7,124	39	365	4,869	21	153	1,001	193	1,718	27,227
10	45	415	11,199	57	501	6,167	36	325	4,003	18	130	759	156	1,371	22,128
11	36	331	7,322	54	463	6,136	29	258	3,121	16	116	767	135	1,168	17,346
12 MID	31	288	6,496	37	321	3,831	25	227	2,577	11	81	479	104	917	13,383
TOTAL	1,424	13,272	658,686	1,858	16,165	610,429	934	8,792	401,789	503	3,674	100,662	4,719	41,903	1,771,566

RECAPITULATION, 1996 - OUTBOUND

HOURS	--60TH STREET SECTOR--			--BROOKLYN SECTOR--			--QUEENS SECTOR--			--NEW JERSEY SECTOR--			--ALL SECTORS--		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS
12-1 AM	24	210	6,305	37	318	6,903	18	168	6,401	4	29	838	83	725	20,447
2	18	170	2,222	23	196	2,828	15	135	2,832	4	30	327	60	531	8,209
3	14	128	1,070	24	214	1,599	16	145	1,127	4	30	166	58	517	3,962
4	14	130	796	23	194	964	15	135	741	4	30	150	56	489	2,651
5	15	140	1,132	25	218	1,019	14	129	665	4	30	145	58	517	2,961
6	17	160	2,287	29	250	2,008	17	160	1,623	5	37	344	68	607	6,262
7	41	377	11,033	63	552	7,239	27	254	6,140	20	147	1,329	151	1,330	25,741
8	66	603	29,834	111	971	17,595	52	500	12,581	41	301	3,271	270	2,375	63,281
9	95	884	38,390	133	1,155	18,854	66	643	11,762	45	329	4,744	339	3,011	73,750
10	113	1,065	28,856	123	1,085	14,189	69	660	8,492	29	212	2,363	334	3,022	53,900
11	91	846	19,487	87	752	10,505	49	468	6,634	22	160	1,361	249	2,226	37,987
12 NOON	77	717	19,396	86	741	12,525	44	411	7,104	22	160	1,434	229	2,029	40,459
1 PM	71	666	21,552	85	742	14,198	40	376	9,008	22	160	1,891	218	1,944	46,649
2	77	713	23,942	91	788	18,043	37	345	11,098	22	160	2,233	227	2,006	55,316
3	73	688	31,055	88	764	24,081	41	386	16,891	22	160	2,806	224	1,998	74,833
4	76	710	40,391	97	848	36,994	44	415	25,012	23	167	4,548	240	2,140	106,945
5	81	745	54,467	115	996	59,671	56	531	40,816	40	293	12,309	292	2,565	167,263
6	101	954	87,791	141	1,235	99,445	70	662	80,833	51	375	23,458	363	3,226	291,527
7	91	855	72,384	110	949	75,627	58	551	59,289	31	228	14,337	290	2,583	221,637
8	76	706	45,580	96	830	48,606	51	491	34,411	23	167	7,578	246	2,194	136,175
9	61	568	28,399	87	761	35,643	44	408	24,198	21	153	4,860	213	1,890	93,100
10	55	509	20,633	65	557	23,034	36	325	17,730	17	124	2,928	173	1,515	64,325
11	46	425	14,837	48	412	14,294	30	274	12,399	16	116	2,059	140	1,227	43,589
12 MID	32	296	9,811	41	352	10,744	28	254	10,391	13	95	1,769	114	997	32,715
TOTAL	1,425	13,265	611,650	1,828	15,880	556,608	937	8,826	408,178	505	3,693	97,248	4,695	41,664	1,673,684

SECTION C: SUBURBAN AND INTERCITY RAIL TRANSIT BY LINE

RECAPITULATION, 1997-INBOUND

HOURS	60TH STREET SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			ALL SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12-1 AM	2	10	81	5	46	150	3	17	248	10	73	479
2	3	17	54	4	38	210	2	14	37	9	69	301
3	1	6	104	6	45	161	3	19	244	10	70	509
4	1	4	113	0	0	0	0	0	0	1	4	113
5	1	4	117	4	36	200	0	0	0	5	40	317
6	4	21	585	3	24	1,020	1	6	80	8	51	1,685
7	10	63	3,735	13	114	10,170	7	42	2,270	30	219	16,175
8	34	237	20,568	27	268	29,590	12	101	7,797	73	606	57,955
9	50	391	34,479	37	362	38,081	18	161	13,651	105	914	86,211
10	25	152	11,628	16	134	11,380	10	67	4,156	51	353	27,164
11	13	86	4,262	10	94	4,327	8	49	2,543	31	229	11,132
12 NOON	9	59	2,403	8	72	2,200	6	41	1,471	23	172	6,074
1 PM	10	58	1,967	9	77	2,586	7	49	1,422	26	184	5,975
2	9	55	1,570	8	68	2,079	6	40	1,053	23	163	4,702
3	7	42	1,199	8	70	1,820	8	52	1,151	23	164	4,170
4	8	52	1,224	7	58	1,104	5	34	862	20	144	3,190
5	8	58	1,527	9	76	1,983	11	83	1,624	28	217	5,134
6	8	67	1,900	7	67	1,433	6	44	1,468	21	178	4,801
7	10	67	2,051	8	74	1,860	8	53	1,662	26	194	5,573
8	8	50	1,126	7	68	1,180	5	35	767	20	153	3,073
9	7	45	573	7	62	580	8	62	956	22	169	2,109
10	7	43	490	8	73	730	4	30	423	19	146	1,643
11	4	27	304	6	58	540	6	43	462	16	128	1,306
12 MID	2	12	122	7	60	440	4	28	395	13	100	957
TOTAL	241	1,626	92,182	224	2,044	113,824	148	1,070	44,742	613	4,740	250,748

RECAPITULATION, 1997-OUTBOUND

HOURS	60TH STREET SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			ALL SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12-1 AM	4	24	539	4	34	1,160	2	10	289	10	68	1,988
2	3	14	242	5	50	500	2	10	90	10	74	832
3	0	0	0	1	7	106	0	0	0	1	7	106
4	0	0	0	5	44	230	1	7	114	6	51	344
5	0	0	0	1	10	50	1	8	55	2	18	105
6	2	12	101	4	40	260	3	24	121	9	76	482
7	6	35	478	5	40	470	5	37	577	16	112	1,525
8	11	74	2,072	7	64	1,160	7	52	1,154	25	190	4,386
9	9	68	1,458	7	64	1,130	7	50	1,265	23	182	3,853
10	8	61	917	9	76	967	6	44	1,017	23	181	2,901
11	8	54	758	8	68	660	6	41	644	22	163	2,062
12 NOON	9	56	923	8	72	1,115	6	38	809	23	166	2,847
1 PM	8	48	1,130	10	84	1,253	8	60	1,213	26	192	3,596
2	8	50	1,443	7	68	2,160	6	45	1,025	21	163	4,628
3	10	71	2,598	9	80	3,501	8	54	1,635	27	205	7,734
4	13	79	4,131	10	98	6,490	9	58	2,721	32	235	13,342
5	23	133	8,727	23	200	14,959	13	89	4,973	59	422	28,659
6	43	289	23,180	32	334	32,050	20	162	10,199	95	785	65,429
7	29	209	17,624	21	197	21,179	13	99	7,829	63	505	46,632
8	19	124	9,937	11	104	9,580	6	40	3,250	36	268	22,767
9	10	68	4,474	7	62	4,950	6	45	2,121	23	175	11,545
10	8	45	2,909	9	75	3,469	6	47	1,661	23	167	8,039
11	8	42	2,247	7	64	2,470	3	26	829	18	132	5,546
12 MID	8	50	1,419	7	58	1,620	4	28	1,026	19	136	4,065
TOTAL	247	1,606	87,307	217	1,993	111,489	148	1,074	44,617	612	4,673	243,413

SECTION D: AUTOS, TAXIS, COMMUTER VANS AND TRUCKS OCCUPANTS BY FACILITY

RECAPITULATION, 1997 - INBOUND

HOURS	60TH ST. SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	N. J. SECTOR	S. I. SECTOR	TOTAL
12-1 AM	15,184	6,260	3,283	1,583	0	26,310
2	8,934	3,775	1,977	1,148	0	15,834
3	5,767	3,013	1,450	958	0	11,188
4	4,506	2,839	1,609	1,445	0	10,399
5	4,926	3,739	2,620	3,319	0	14,604
6	10,225	8,358	6,428	6,971	0	31,982
7	19,713	15,980	9,936	11,490	30	57,149
8	34,296	23,017	13,871	11,483	144	82,811
9	37,414	26,687	13,463	12,402	153	90,119
10	33,334	23,499	11,679	10,704	86	79,302
11	27,956	16,319	9,406	9,517	32	63,230
12 NOON	26,659	17,526	8,501	7,209	30	59,925
1 PM	26,333	16,523	8,011	6,166	0	57,033
2	28,484	17,052	7,467	7,339	0	60,342
3	28,264	16,133	8,126	7,719	0	60,242
4	30,407	16,887	8,847	8,110	27	64,278
5	29,084	18,087	8,312	8,459	34	63,976
6	29,708	18,840	10,291	7,870	12	66,721
7	27,513	17,078	9,544	7,064	27	61,226
8	25,991	15,022	7,606	8,654	21	57,294
9	28,767	12,209	6,639	6,713	12	54,340
10	26,461	12,685	6,244	5,683	20	51,093
11	26,836	12,510	6,283	4,723	32	50,384
12 MID	24,415	10,985	4,991	3,110	0	43,501
TOTAL	561,177	335,023	176,584	159,839	660	1,233,283

RECAPITULATION, 1997 - OUTBOUND

HOURS	60TH ST. SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	N. J. SECTOR	S. I. SECTOR	TOTAL
12-1 AM	16,079	8,955	3,938	4,116	0	33,088
2	9,272	5,300	2,275	2,380	0	19,227
3	5,843	3,352	1,679	1,546	0	12,420
4	4,499	2,797	1,696	1,434	0	10,426
5	5,212	3,099	2,676	2,286	0	13,273
6	9,539	4,351	5,975	4,346	0	24,211
7	17,347	3,358	8,005	636	0	29,346
8	27,268	15,823	9,921	751	200	53,963
9	29,469	20,951	8,803	5,460	187	64,870
10	28,269	18,513	7,236	7,608	102	61,728
11	27,018	22,164	6,475	7,515	55	63,227
12 NOON	28,602	15,678	6,597	9,042	54	59,973
1 PM	29,155	24,543	7,245	8,338	0	69,281
2	29,854	29,477	7,666	8,347	0	75,344
3	32,429	18,168	9,051	10,822	0	70,470
4	33,863	13,809	10,390	12,903	0	70,965
5	33,583	17,624	9,720	12,703	140	73,770
6	34,952	17,890	10,960	15,665	130	79,597
7	38,245	14,406	10,593	13,737	166	77,147
8	35,384	8,799	7,543	15,377	70	67,173
9	32,211	16,404	8,379	13,525	70	70,589
10	29,519	15,508	7,841	12,239	135	65,242
11	29,814	14,223	7,963	11,878	108	63,986
12 MID	25,217	13,021	6,326	10,538	0	55,102
TOTAL	592,643	328,213	168,953	193,192	1,417	1,284,418

SECTION E: AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY

RECAPITULATION, 1997 - INBOUND

HOURS	60TH ST. SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	N. J. SECTOR	S. I. SECTOR	TOTAL
12-1 AM	10,287	4,468	2,299	1,131	0	18,185
2	6,007	2,694	1,376	797	0	10,874
3	3,793	2,155	1,013	661	0	7,622
4	3,043	2,048	1,128	956	0	7,175
5	3,315	2,697	1,837	2,134	0	9,983
6	6,533	5,986	4,498	4,300	0	21,317
7	15,162	10,111	8,879	7,484	21	41,657
8	22,682	13,371	11,155	7,032	129	54,369
9	23,508	13,691	10,254	6,204	127	53,784
10	22,163	12,435	8,947	7,161	52	50,758
11	19,539	9,155	7,127	6,313	32	42,166
12 NOON	19,112	8,646	6,272	4,873	25	38,928
1 PM	18,840	8,402	5,643	4,163	0	37,048
2	18,525	8,806	5,747	4,950	0	38,028
3	18,706	9,566	6,102	5,039	0	39,413
4	19,693	10,490	6,429	5,455	17	42,084
5	19,250	10,736	6,589	5,395	29	41,999
6	19,415	11,235	6,920	4,811	10	42,391
7	19,571	10,045	6,457	4,531	25	40,629
8	19,289	9,845	5,579	4,660	17	39,390
9	18,563	8,801	4,587	3,689	8	35,648
10	17,217	8,220	4,335	3,647	13	33,432
11	17,284	8,044	4,356	3,137	23	32,844
12 MID	15,871	7,191	3,472	2,135	0	28,669
TOTAL	377,368	198,838	131,001	100,658	528	808,393

RECAPITULATION, 1997 - OUTBOUND

HOURS	60TH ST. SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	N. J. SECTOR	S. I. SECTOR	TOTAL
12-1 AM	11,043	6,380	5,252	2,469	0	25,144
2	6,329	3,764	3,191	1,443	0	14,727
3	3,953	2,378	1,969	1,027	0	9,327
4	3,058	1,989	1,366	970	0	7,383
5	3,536	2,200	1,520	1,503	0	8,759
6	6,429	3,052	2,111	2,597	0	14,189
7	12,959	7,040	3,647	3,814	0	27,460
8	19,119	9,163	3,991	4,004	196	36,473
9	20,333	9,006	3,798	3,574	157	36,868
10	18,968	7,952	3,518	3,938	64	34,440
11	17,734	7,136	4,789	4,143	53	33,855
12 NOON	18,099	6,906	5,049	4,530	55	34,639
1 PM	18,735	7,469	5,403	4,868	0	36,475
2	19,350	8,167	5,741	5,332	0	38,590
3	21,100	9,139	6,843	6,114	0	43,196
4	22,287	10,620	8,492	6,567	0	47,966
5	22,197	11,533	9,354	6,803	134	50,021
6	23,321	11,802	9,089	6,499	117	50,828
7	24,827	11,138	8,613	7,252	129	51,959
8	23,243	9,465	7,906	6,595	72	47,281
9	21,526	9,642	7,683	5,971	48	44,870
10	19,913	9,187	7,087	5,554	91	41,832
11	19,849	8,587	6,828	5,231	73	40,568
12 MID	16,925	7,982	6,584	4,597	0	36,088
TOTAL	394,833	181,697	129,824	105,395	1,189	812,938

SECTION F: FERRY AND TRAMWAY PASSENGERS BY FACILITY

RECAPITULATION, 1997-INBOUND

HOURS	MANHATTAN	BROOKLYN	QUEENS	N. J.	STATEN	STATEN	ROOSEVELT	TOTAL
	PRIVATE FERRY	PRIVATE FERRY	PRIVATE FERRY	PRIVATE FERRY	PRIVATE FERRY	ISLAND FERRY	ISLAND TRAMWAY	
12-1 AM	0	0	0	0	0	46	9	55
2	0	0	0	0	0	21	6	27
3	0	0	0	0	0	31	0	31
4	0	0	0	0	0	88	0	88
5	0	0	0	0	0	305	0	305
6	0	0	0	0	0	997	0	997
7	0	0	5	643	0	4,132	47	4,827
8	0	0	58	3,726	0	8,004	181	11,969
9	0	13	91	4,168	0	5,601	198	10,071
10	0	8	45	1,287	0	1,512	247	3,099
11	0	0	6	509	0	1,153	94	1,762
12 NOON	0	0	0	350	0	1,172	85	1,607
1 PM	0	0	0	300	0	837	39	1,176
2	0	0	0	228	0	845	79	1,152
3	0	0	2	161	0	904	77	1,144
4	0	0	1	167	0	879	67	1,114
5	0	0	3	208	0	909	65	1,185
6	0	0	5	498	0	749	68	1,320
7	0	0	8	357	0	546	65	976
8	0	0	1	157	0	379	31	568
9	0	0	0	47	0	335	32	414
10	0	0	0	37	0	339	22	398
11	0	0	0	42	0	253	9	304
12 MID	0	0	0	7	0	97	21	125
TOTAL	0	21	225	12,892	0	30,134	1,442	44,714

RECAPITULATION, 1997-OUTBOUND

HOURS	MANHATTAN	BROOKLYN	QUEENS	N. J.	STATEN	STATEN	ROOSEVELT	TOTAL
	PRIVATE FERRY	PRIVATE FERRY	PRIVATE FERRY	PRIVATE FERRY	PRIVATE FERRY	ISLAND FERRY	ISLAND TRAMWAY	
12-1 AM	0	0	0	139	0	354	22	515
2	0	0	0	0	0	180	21	201
3	0	0	0	0	0	64	0	64
4	0	0	0	0	0	47	0	47
5	0	0	0	0	0	47	0	47
6	0	0	0	0	0	83	0	83
7	0	0	0	26	0	229	31	286
8	0	0	1	260	0	358	35	654
9	0	0	3	416	0	484	57	960
10	0	0	1	147	0	333	25	506
11	0	0	0	126	0	361	45	532
12 NOON	0	0	0	136	0	449	39	624
1 PM	0	0	0	185	0	727	49	961
2	0	0	0	220	0	783	40	1,043
3	0	0	3	294	0	1,249	145	1,691
4	0	0	9	460	0	2,122	146	2,737
5	0	3	40	1,327	0	5,169	162	6,701
6	0	0	73	2,442	0	8,184	142	10,841
7	0	9	44	2,103	0	3,593	203	5,952
8	0	0	15	1,330	0	1,698	112	3,155
9	0	0	0	900	0	1,122	148	2,170
10	0	0	0	391	0	703	75	1,169
11	0	0	0	199	0	615	78	892
12 MID	0	0	0	198	0	342	20	560
TOTAL	0	12	189	11,299	0	29,296	1,595	42,391

SECTION G: BICYCLE VOLUMES BY FACILITY

RECAPITULATION, 1997-INBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	S. I. SECTOR ABOARD FERRY	TOTAL
12-1 AM	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	137	96	53	17	303
9	229	180	52	20	481
10	416	179	57	13	665
11	530	92	52	6	680
12 NOON	617	60	27	8	712
1 PM	669	42	25	7	743
2	675	43	21	13	752
3	621	31	23	4	679
4	678	43	23	9	753
5	653	50	24	8	735
6	630	43	14	3	690
7	364	30	16	3	413
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12 MID	0	0	0	0	0
TOTAL	6,219	889	387	111	7,606

RECAPITULATION, 1997-OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	S. I. SECTOR ABOARD FERRY	TOTAL
12-1 AM	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	97	22	25	1	145
9	254	32	29	1	316
10	415	29	17	7	468
11	602	24	16	2	644
12 NOON	610	24	12	2	648
1 PM	639	28	15	4	686
2	631	35	22	10	698
3	606	49	28	8	691
4	661	60	32	6	759
5	659	82	54	16	811
6	541	154	43	21	759
7	415	140	39	41	635
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12 MID	0	0	0	0	0
TOTAL	6,130	679	332	119	7,260

NOTE : COUNT WAS CONDUCTED ACROSS 50TH STREET SCREENLINE, ON THE STATEN ISLAND FERRY, AND ACROSS EAST RIVER BRIDGES ON OCTOBER 17, 1996 FROM 7am TO 7pm.

APPENDIX IV
List of Data Sources

1997 Hub Bound Travel**Appendix 2**

Filename	Description	
Tbl_14.wk4	Table 14	Where, When and How <i>People Entered</i> the Hub on a Fall Day in 1997
Tbl_15.wk4	Table 15	Where, When and How <i>People Left</i> the Hub on a Fall Day in 1997
Tbl16&17.wk4	Table 16	Where and When <i>Motor Vehicles Entered</i> the Hub on a Fall Day in 1997
	Table 17	Where and When <i>Motor Vehicles Left</i> the Hub on a Fall Day in 1997
Tbl18&19.wk4	Table 18	Where and When <i>Bus Passengers Entered</i> the Hub on a Fall Day in 1997
	Table 19	Where and When <i>Bus Passengers Left</i> the Hub on a Fall Day in 1997
Tbl20.wk4	Table 20	Public Transportation Vehicle Level of Comfort and Headway Entering the Hub on a Fall Day in 1996 and 1997
Tbl21_23.wk4	Table 21A	Hourly Variation in <i>Total Persons Entering and Leaving</i> the Hub on a Fall Day in 1995, 1996 and 1997
	Table 21B	Maximum Net Accumulation of <i>Total Persons</i> in the Hub on a Fall Business Day
	Table 22A	Hourly Variation in <i>Total Public Transit Passengers Entering and Leaving</i> the Hub on a Fall Day in 1995, 1996 and 1997
	Table 22B	Maximum Net Accumulation of <i>Total Transit Passengers</i> in the Hub on a Fall Business Day
	Table 23A	Hourly Variation in <i>Total Motor Vehicles Entering and Leaving</i> the Hub on a Fall Day in 1995, 1996 and 1997
	Table 23B	Maximum Net Accumulation of <i>Total Motor Vehicles</i> in the Hub on a Fall Business Day
Tbl24&25.wk4	Table 24	Total Persons Entering the Hub by <i>Hour and Mode</i> on a Fall Day in 1997

	Table 25	Total Persons Leaving the Hub by <i>Hour and Mode</i> on a Fall Day in 1997
Tbl26&27.wk4	Table 26	Total Persons Entering the Hub by <i>Hour and Sector</i> on a Fall Day in 1997
	Table 27	Total Persons Leaving the Hub by <i>Hour and Sector</i> on a Fall Day in 1997