

NEW YORK METROPOLITAN TRANSPORTATION COUNCIL
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HUB BOUND 1996 TRAVEL REPORT
Central Business District

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)**

	(1924)	(1932)	(1940)	(1948)	(1956)	(1960)	(1963)	(1971)
PERSONS BY MODE								
AUTO, TAXI, VAN AND TRUCK	331 14.1%	516 19.1%	619 18.9%	657 17.8%	828 25.0%	954 28.5%	846 25.7%	914 28.9%
BUS	- -	40 1.5%	150 4.6%	290 7.9%	243 7.3%	243 7.3%	252 7.7%	256 8.1%
TROLLEY	161 6.9%	88 3.3%	59 1.8%	24 0.7%	3 0.1%	- -	- -	1,789 56.5%
RAPID TRANSIT	1,531 65.3%	1,752 65.0%	2,169 66.3%	2,389 64.7%	1,970 59.5%	1,913 57.1%	1,977 60.1%	172 5.4%
RAILROAD	217 9.3%	216 8.0%	206 6.3%	283 7.7%	233 7.0%	203 6.1%	177 5.4%	36 1.1%
NONRAIL FERRY	103 4.4%	85 3.2%	68 2.1%	48 1.3%	36 1.1%	36 1.1%	38 1.2%	- -
TOTAL	2,343 -	2,697 -	3,271 -	3,691 -	3,313 -	3,349 -	3,290 -	3,167 -
PERSONS BY SECTOR								
NORTH OF 60TH STREET	832 35.5%	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%
BROOKLYN	899 38.4%	946 35.1%	1,074 32.8%	1,124 30.5%	950 28.7%	922 27.5%	919 27.9%	876 27.7%
QUEENS	237 10.1%	355 13.2%	538 16.4%	602 16.3%	613 18.5%	641 19.1%	615 18.7%	659 20.8%
NEW JERSEY	335 14.3%	309 11.5%	302 9.2%	326 8.8%	292 8.8%	306 9.1%	328 10.0%	316 10.0%
STATEN ISLAND	40 1.7%	41 1.5%	37 1.1%	40 1.1%	36 1.1%	39 1.2%	40 1.2%	37 1.2%
TOTAL	2,343 -	2,697 -	3,271 -	3,691 -	3,313 -	3,349 -	3,290 -	3,167 -
VEHICLES BY SECTOR								
NORTH OF 60TH STREET	122 61.0%	150 51.2%	191 54.4%	209 53.9%	259 49.9%	293 49.7%	273 48.8%	310 48.0%
BROOKLYN	47 23.5%	69 23.5%	84 23.9%	79 20.4%	126 24.3%	139 23.6%	124 22.2%	157 24.3%
QUEENS	18 9.0%	46 15.7%	40 11.4%	56 14.4%	71 13.7%	87 14.7%	89 15.9%	103 15.9%
NEW JERSEY	12 6.0%	26 8.9%	35 10.0%	43 11.1%	61 11.8%	69 11.7%	71 12.7%	75 11.6%
STATEN ISLAND	1 0.5%	2 0.7%	1 0.3%	1 0.3%	2 0.4%	2 0.3%	2 0.4%	1 0.2%
TOTAL	200 -	293 -	351 -	388 -	519 -	590 -	559 -	646 -
PERSONS BY MODE								
AUTO, TAXI, VAN AND TRUCK	931 30.9%	895 29.8%	877 30.8%	924 32.3%	926 32.3%	914 31.2%	930 30.9%	970 31.6%
BUS	232 7.7%	232 7.7%	220 7.7%	233 8.1%	228 7.9%	231 7.9%	253 8.4%	243 7.9%
RAPID TRANSIT	1,653 54.8%	1,679 55.8%	1,550 54.3%	1,487 52.0%	1,490 51.9%	1,546 52.7%	1,579 52.4%	1,614 52.5%
RAILROAD	168 5.6%	171 5.7%	179 6.3%	189 6.6%	195 6.8%	212 7.2%	218 7.2%	218 7.1%
NONRAIL FERRY	31 1.0%	31 1.0%	26 0.9%	26 0.9%	27 0.9%	24 0.8%	29 1.0%	25 0.8%
TRAM	- -	- -	- -	3 0.1%	4 0.1%	4 0.1%	4 0.1%	4 0.1%
TOTAL	3,015 -	3,008 -	2,852 -	2,862 -	2,870 -	2,931 -	3,013 -	3,074 -
PERSONS BY SECTOR								
NORTH OF 60TH STREET	1,248 41.4%	1,209 40.2%	1,148 40.3%	1,167 40.8%	1,157 40.3%	1,175 40.1%	1,192 39.6%	1,217 39.6%
BROOKLYN	792 26.3%	806 26.8%	748 26.2%	744 26.0%	747 26.0%	771 26.3%	806 26.8%	831 27.0%
QUEENS	645 21.4%	661 22.0%	618 21.7%	613 21.4%	617 21.5%	637 21.7%	655 21.7%	654 21.3%
NEW JERSEY	298 9.9%	300 10.0%	311 10.9%	307 10.7%	317 11.0%	320 10.9%	327 10.9%	342 11.1%
STATEN ISLAND	32 1.1%	32 1.1%	27 0.9%	28 1.0%	28 1.0%	24 0.8%	29 1.0%	26 0.8%
ROOSEVELT ISLAND	- -	- -	- -	3 0.1%	4 0.1%	4 0.1%	4 0.1%	4 0.1%
TOTAL	3,015 -	3,008 -	2,852 -	2,862 -	2,870 -	2,931 -	3,013 -	3,074 -
VEHICLES BY SECTOR								
NORTH OF 60TH STREET	332 49.7%	288 45.9%	288 45.8%	302 46.8%	297 45.8%	302 47.0%	300 46.3%	320 47.1%
BROOKLYN	148 22.2%	157 25.0%	152 24.2%	154 23.9%	160 24.7%	160 24.9%	159 24.5%	165 24.3%
QUEENS	108 16.2%	104 16.6%	106 16.9%	108 16.7%	107 16.5%	100 15.6%	105 16.2%	105 15.5%
NEW JERSEY	79 11.8%	78 12.4%	82 13.0%	80 12.4%	84 12.9%	80 12.4%	83 12.8%	88 13.0%
STATEN ISLAND	1 0.1%	1 0.2%	1 0.2%	1 0.2%	1 0.2%	1 0.2%	1 0.2%	1 0.1%
TOTAL	668 -	628 -	629 -	645 -	649 -	643 -	648 -	679 -

TABLE 1A

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

	(1982)	(1983)	(1984)	(1985)	(1986)	(1987)	(1988)	(1989)								
PERSONS BY MODE																
AUTO, TAXI, VAN AND TRUCK	1,069	33.1%	1,097	33.6%	1,112	34.0%	1,167	34.7%	1,137	33.5%	1,159	33.9%	1,156	33.3%	1,131	32.5%
BUS	275	8.5%	281	8.6%	292	8.9%	297	8.8%	267	7.9%	249	7.3%	242	7.0%	233	6.7%
RAPID TRANSIT	1,632	50.5%	1,645	50.3%	1,623	49.6%	1,641	48.8%	1,727	50.9%	1,737	50.9%	1,798	51.7%	1,839	52.8%
RAILROAD	214	6.6%	202	6.2%	212	6.5%	219	6.5%	224	6.6%	233	6.8%	234	6.7%	235	6.7%
NONRAIL FERRY	39	1.2%	40	1.2%	32	1.0%	34	1.0%	34	1.0%	34	1.0%	41	1.2%	40	1.1%
TRAM	4	0.1%	3	0.1%	3	0.1%	4	-	3	0.1%	3	0.1%	4	0.1%	4	0.1%
TOTAL	3,233	-	3,268	-	3,274	-	3,362	-	3,392	-	3,415	-	3,475	-	3,482	-
PERSONS BY SECTOR																
NORTH OF 60TH STREET	1,302	40.3%	1,328	40.6%	1,300	39.7%	1,337	39.8%	1,338	39.4%	1,370	40.1%	1,405	40.4%	1,370	39.3%
BROOKLYN	858	26.5%	836	25.6%	862	26.3%	903	26.9%	915	27.0%	889	26.0%	924	26.6%	943	27.1%
QUEENS	654	20.2%	686	21.0%	688	21.0%	683	20.3%	695	20.5%	713	20.9%	700	20.1%	720	20.7%
NEW JERSEY	374	11.6%	375	11.5%	389	11.9%	401	11.9%	406	12.0%	407	11.9%	403	11.6%	411	11.8%
STATEN ISLAND	41	1.3%	40	1.2%	32	1.0%	34	1.0%	35	1.0%	33	1.0%	39	1.1%	34	1.0%
ROOSEVELT ISLAND	4	0.1%	3	0.1%	3	0.1%	4	0.1%	3	0.1%	3	0.1%	4	0.1%	4	0.1%
TOTAL	3,233	-	3,268	-	3,274	-	3,362	-	3,392	-	3,415	-	3,475	-	3,482	-
VEHICLES BY SECTOR																
NORTH OF 60TH STREET	341	48.6%	351	48.6%	363	49.5%	363	47.1%	352	46.7%	362	47.1%	361	47.1%	348	46.3%
BROOKLYN	166	23.7%	174	24.1%	168	22.9%	199	25.8%	192	25.5%	191	24.9%	188	24.5%	189	25.1%
QUEENS	99	14.1%	102	14.1%	107	14.6%	110	14.3%	111	14.7%	115	15.0%	117	15.3%	114	15.2%
NEW JERSEY	94	13.4%	94	13.0%	95	12.9%	97	12.6%	97	12.9%	99	12.9%	99	12.9%	100	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	701	-	722	-	734	-	770	-	753	-	768	-	766	-	752	-
PERSONS BY MODE																
AUTO, TAXI, VAN AND TRUCK	1,112	33.5%	1,110	33.3%	1,146	34.4%	1,124	33.8%	1,115	33.0%	1,138	33.4%	1,147	33.2%		
BUS	238	7.2%	229	6.9%	225	6.7%	219	6.6%	220	6.5%	216	6.3%	220	6.4%		
RAPID TRANSIT	1,698	51.1%	1,727	51.8%	1,699	50.9%	1,712	51.4%	1,765	52.2%	1,770	51.9%	1,790	51.8%		
RAILROAD	228	6.9%	221	6.6%	223	6.7%	226	6.8%	233	6.9%	236	6.9%	246	7.1%		
NONRAIL FERRY	44	1.3%	43	1.3%	41	1.2%	42	1.2%	42	1.2%	42	1.2%	41	1.2%		
TRAM	2	0.1%	2	0.1%	1	0.0%	-	-	2	0.0%	2	0.0%	2	0.0%		
BICYCLE	-	-	-	-	-	-	7	0.2%	6	0.2%	7	0.2%	8	0.2%		
TOTAL	3,322	-	3,332	-	3,335	-	3,330	-	3,382	-	3,410	-	3,454	-		
PERSONS BY SECTOR																
NORTH OF 60TH STREET	1,299	39.1%	1,324	39.7%	1,352	40.5%	1,341	40.3%	1,359	40.2%	1,385	41.0%	1,398	40.5%		
BROOKLYN	903	27.2%	876	26.3%	871	26.1%	875	26.3%	868	25.7%	865	25.6%	883	25.6%		
QUEENS	670	20.2%	697	20.9%	677	20.3%	675	20.3%	696	20.6%	702	20.8%	705	20.4%		
NEW JERSEY	411	12.4%	399	12.0%	402	12.1%	408	12.2%	427	12.6%	425	12.6%	437	12.6%		
STATEN ISLAND	37	1.1%	34	1.0%	33	1.0%	32	1.0%	30	0.9%	30	0.9%	30	0.9%		
ROOSEVELT ISLAND	2	0.1%	2	0.1%	1	0.0%	-	-	2	0.0%	2	0.0%	2	0.0%		
TOTAL	3,322	-	3,332	-	3,336	-	3,330	-	3,382	-	3,410	-	3,456	-		
VEHICLES BY SECTOR																
NORTH OF 60TH STREET	349	45.9%	357	46.4%	382	49.2%	370	48.6%	358	47.5%	361	47.9%	378	48.0%		
BROOKLYN	206	27.1%	200	26.0%	185	23.8%	182	23.9%	185	24.5%	189	25.1%	183	23.2%		
QUEENS	104	13.7%	104	13.5%	108	13.9%	107	14.1%	107	14.2%	117	15.5%	120	15.3%		
NEW JERSEY	101	13.3%	98	12.7%	101	13.0%	102	13.4%	104	13.7%	104	13.8%	106	13.5%		
STATEN ISLAND	1	0.1%	-	-	-	-	-	-	0	0.0%	0	0.0%	1	0.1%		
TOTAL	761	-	759	-	776	-	760	-	755	-	772	-	788	-		

TABLE 1B

**PERSONS ENTERING THE HUB DURING 7-10 AM PERIOD ON
A FALL BUSINESS DAY FOR SELECTED YEAR (IN THOUSANDS)**

	(1979)		(1980)		(1981)		(1982)		(1983)		(1984)		(1985)		(1986)		(1987)	
PERSONS BY MODE																		
AUTO, TAXI, VAN AND TRUCK	218	15.5%	215	14.7%	227	15.2%	234	15.6%	258	17.0%	257	16.6%	264	16.7%	251	16.4%	255	16.7%
BUS	130	9.2%	137	9.3%	133	8.9%	134	8.9%	133	8.8%	158	10.2%	158	10.1%	148	9.7%	141	9.3%
RAPID TRANSIT	898	63.7%	935	63.7%	954	64.0%	962	64.0%	958	63.1%	964	62.2%	980	62.1%	949	62.0%	935	61.4%
RAILROAD	149	10.6%	157	10.7%	158	10.6%	153	10.2%	152	10.0%	157	10.1%	159	10.1%	164	10.7%	170	11.2%
NONRAIL FERRY	13	0.9%	21	1.4%	16	1.1%	19	1.3%	18	1.2%	14	0.9%	16	1.0%	16	1.0%	21	1.4%
TRAM	2	0.1%	2	0.1%	2	0.1%	2	0.1%	-	-	1	0.1%	2	0.1%	2	0.1%	2	0.1%
TOTAL	1,410 -		1,467 -		1,490 -		1,504 -		1,519 -		1,551 -		1,579 -		1,530 -		1,524 -	
PERSONS BY MODE																		
AUTO, TAXI, VAN AND TRUCK	249	16.1%	244	15.5%	221	15.6%	220	15.5%	224	15.9%	216	15.6%	218	15.6%	219	15.7%	228	16.5%
BUS	133	8.6%	129	8.2%	129	9.1%	126	8.9%	121	8.6%	121	8.8%	121	8.7%	119	8.5%	122	8.8%
RAPID TRANSIT	974	63.0%	1,009	64.1%	877	61.8%	891	62.7%	873	62.2%	859	62.2%	866	62.0%	855	61.2%	858	61.9%
RAILROAD	167	10.8%	173	11.0%	164	11.6%	159	11.2%	161	11.5%	159	11.5%	165	11.8%	165	11.8%	169	12.2%
NONRAIL FERRY	22	1.4%	18	1.1%	26	1.8%	23	1.6%	25	1.8%	25	1.8%	24	1.7%	24	1.7%	24	1.7%
TRAM	2	0.1%	2	0.1%	1	0.1%	1	0.1%	1	0.0%	-	-	1	0.1%	1	0.1%	1	0.1%
BICYCLE	-	-	-	-	-	-	-	-	-	-	1	0.1%	1	0.1%	2	0.1%	2	0.1%
TOTAL	1,547 -		1,575 -		1,418 -		1,420 -		1,405 -		1,381 -		1,396 -		1,385 -		1,404 -	

TABLE 2

SHARE OF TOTAL ENTRIES 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
1956	8.5%	22.9%	30.1%	63.4%	24.6%	46.9%
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%

*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*
1956	3,313,000	1,555,000	814,000	-
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

* ESTIMATED NON-AGRICULTURAL WAGE AND SALARY EMPLOYMENT ONLY

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
1963	1,540,000	550,000	2,090,000	AT 2:00 PM	75,700	110,700	186,400	AT 3:00 PM
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	1,277,000	544,000	1,821,000	AT 1:00 PM	94,000	85,900	179,900	AT 1:00 PM

* Estimated

TABLE 5

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

	(1986)	(1987)	(1988)	(1989)	(1990)	(1991)	(1992)	(1993)	(1994)	(1995)	(1996)
BUS											
60TH STREET SECTOR											
FDR DRIVE	4,758	456	449	284	268	314	302	302	0	0	0
YORK AVENUE	2,000	5,544	5,544	5,866	4,040	7,287	7,040	5,922	7,100	6,820	6,706
FIRST AVE/SECOND AVE	25,093	26,057	26,192	22,903	25,190	26,149	27,177	23,441	20,387	20,500	19,579
LEXINGTON AVE/THIRD AVE	29,044	28,673	29,046	25,507	28,364	25,446	25,030	26,069	19,204	18,544	16,802
MADISON AVE/FIFTH AVE	62,822	56,307	51,924	48,301	49,638	49,358	49,513	42,298	38,062	39,696	38,066
CENTRAL PK DR AND COLUMBUS CIRCLE	-	-	-	-	5,818	-	-	-	-	-	-
EIGHTH AVENUE	5,970	5,176	6,134	5,083	11,533	10,361	9,414	9,482	7,748	8,006	7,608
BROADWAY	33,083	28,042	28,556	28,136	12,359	18,108	16,656	14,933	13,885	13,214	13,818
COLUMBUS AVE/AMSTERDAM A	12,753	11,293	12,146	12,291	11,430	11,073	10,742	11,304	9,766	8,832	9,632
WEST END AVENUE	1,885	1,871	1,913	1,901	2,379	2,231	1,905	2,050	1,543	1,447	1,931
SECTOR TOTAL	177,408	163,419	161,904	150,272	151,019	150,327	147,779	135,801	117,695	117,059	114,142
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	3,666	4,073	2,537	2,681	2,683	3,363	2,613	2,228	2,011	1,965	2,117
MANHATTAN BRIDGE	1,769	1,529	1,522	1,669	1,757	1,602	1,529	1,444	1,538	1,311	1,350
BROOKLYN BATTERY TUNNEL	37,726	38,267	35,761	33,686	35,687	35,678	31,705	31,784	29,867	29,057	31,370
SECTOR TOTAL	43,161	43,869	39,820	38,036	40,127	40,643	35,847	35,456	33,416	32,333	34,837
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	22,292	19,580	18,946	16,397	18,090	18,095	18,725	16,555	15,585	15,672	16,372
QUEENSBORO BRIDGE	25,241	20,151	23,937	17,755	19,129	15,011	15,319	14,585	16,809	16,902	16,103
SECTOR TOTAL	47,533	39,731	42,883	34,152	37,219	33,106	34,044	31,140	32,394	32,574	32,475
NEW JERSEY SECTOR											
HOLLAND TUNNEL	15,332	13,610	15,375	14,422	15,162	15,509	15,845	14,380	14,954	14,626	14,423
LINCOLN TUNNEL	245,606	235,266	233,485	232,399	233,777	224,228	214,658	220,378	241,087	241,284	246,998
SECTOR TOTAL	260,938	248,876	248,860	246,821	248,939	239,737	230,503	234,758	256,041	255,910	261,421
TOTAL BUSES	529,040	495,895	493,467	469,281	477,304	463,813	448,173	437,155	439,546	437,876	442,875
RAIL RAPID TRANSIT											
60TH STREET SECTOR											
LEXINGTON AVENUE EXPRESS	306,085	294,875	284,587	295,758	263,080	271,106	271,029	264,020	284,497	294,105	297,069
LEXINGTON AVENUE LOCAL	248,508	263,144	312,587	269,555	260,488	255,786	250,353	239,127	279,939	266,518	278,531
EIGHTH AVENUE EXPRESS	238,059	217,125	201,115	198,298	191,669	167,218	188,642	215,795	201,290	216,572	201,397
EIGHTH AVENUE LOCAL	65,221	66,325	63,864	68,805	63,262	85,136	61,776	67,186	82,921	82,033	79,102
BROADWAY/7TH AVE EXPRESS	214,902	226,242	233,017	246,202	221,621	227,600	210,473	217,363	218,187	228,172	235,340
BROADWAY/7TH AVE LOCAL	164,211	186,432	207,849	209,883	189,749	204,998	198,753	200,193	216,484	216,402	213,625
SECTOR TOTAL	1,236,986	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

TABLE 5

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

(SHEET 2 OF 2)

	(1986)	(1987)	(1988)	(1989)	(1990)	(1991)	(1992)	(1993)	(1994)	(1995)	(1996)
BROOKLYN SECTOR											
14TH STREET TUNNEL	98,220	110,649	106,395	102,193	107,181	99,623	101,962	108,457	108,835	109,883	123,782
WILLIAMSBURG BRIDGE	92,440	89,224	86,811	104,243	89,585	102,410	88,859	97,705	99,036	84,492	96,132
RUTGERS TUNNEL	128,564	114,817	118,628	101,449	94,725	101,169	93,791	105,893	105,064	114,366	111,577
MANHATTAN BRIDGE	195,220	170,170	214,529	200,804	244,159	212,487	217,006	237,824	227,778	205,100	239,597
CRANBERRY TUNNEL	206,968	196,614	202,766	217,586	200,500	169,951	228,451	204,432	223,412	214,094	198,328
CLARK TUNNEL	148,552	171,371	159,735	166,798	145,778	135,855	124,247	125,153	122,795	119,725	125,653
MONTAGUE TUNNEL	106,839	190,939	184,763	129,390	83,855	123,010	125,887	105,202	105,283	117,299	99,272
JORALEMON TUNNEL	189,850	101,899	97,877	219,689	189,333	171,701	171,620	181,268	160,171	175,646	171,997
SECTOR TOTAL	1,166,623	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
QUEENS SECTOR											
60TH STREET TUNNEL	217,380	220,784	226,179	221,949	199,702	164,219	177,277	177,983	186,030	195,752	209,197
53RD STREET TUNNEL	350,284	355,861	323,599	345,046	361,821	392,003	358,629	389,020	390,027	392,099	356,815
STEINWAY TUNNEL	210,232	206,133	199,098	236,981	211,671	225,149	205,860	198,720	196,360	192,253	203,149
63RD STREET TUNNEL	-	-	-	-	16,595	19,903	21,702	21,727	22,359	20,116	24,088
SECTOR TOTAL	777,896	782,778	748,876	803,976	789,789	801,274	763,468	787,450	794,776	800,220	793,249
NEW JERSEY SECTOR											
PATH DOWNTOWN	129,139	128,072	124,841	123,925	118,205	118,103	115,391	112,837	116,465	112,237	117,337
PATH UPTOWN	72,809	72,120	69,990	76,969	75,778	73,720	72,726	76,877	80,746	76,833	78,344
SECTOR TOTAL	201,948	200,192	194,831	200,894	193,983	191,823	188,117	189,714	197,211	189,070	195,681
TOTAL RAIL RAPID TRANSIT	3,383,453	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
SUBURBAN RAIL											
AMTRAK/MTA METRO-NORTH RI	160,872	164,885	163,404	167,616	167,136	164,982	165,737	171,410	178,292	180,085	178,877
AMTRAK/MTA LIRR	216,707	221,670	227,837	224,702	215,737	208,600	208,236	211,698	215,390	216,099	224,045
AMTRAK/NJ TRANSIT	69,383	75,408	72,823	75,575	71,887	65,802	65,603	66,249	69,216	70,068	83,772
TOTAL SUBURBAN RAIL	446,962	461,963	464,064	467,893	454,760	439,384	439,576	449,357	462,898	466,252	486,694
FERRY											
MANHATTAN	-	-	-	-	-	-	-	-	-	-	97
BROOKLYN	-	430	452	-	-	196	180	177	174	120	107
QUEENS	-	-	332	108	115	136	135	103	386	635	590
STATEN ISLAND FERRY	66,901	66,617	74,654	69,306	72,656	67,957	64,570	62,658	59,348	58,693	59,009
NEW JERSEY	-	3,178	4,828	10,061	14,109	15,749	16,287	17,881	22,336	23,039	24,519
STATEN IS. PRIVATE FERRY	-	-	-	-	-	-	-	-	-	-	23
TOTAL FERRY	66,901	70,225	80,266	79,475	86,880	84,038	81,172	80,819	82,244	82,487	84,345
ROOSEVELT ISLAND TRAMWAY	6,856	6,905	7,653	8,293	4,740	4,035	3,359	-	3,431	3,356	23
BICYCLE	-	-	-	-	-	-	-	13,658	12,383	14,815	14,805
TOTAL, ALL MODES	4,433,212	4,417,784	4,463,680	4,560,465	4,352,441	4,312,417	4,256,714	4,327,771	4,428,181	4,438,483	4,489,074

TABLE 6

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

SECTOR AND FACILITY	(1987)		(1988)		(1989)		(1990)		(1991)		(1992)		(1993)		(1994)		(1995)		(1996)	
	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	118	415	129	423	129	475	127	425	126	469	112	437	121	390	128	454	118	444	118	463
IRT LEXINGTON AVE LOCAL	95	393	91	455	108	418	103	401	104	401	89	371	94	330	105	398	88	352	91	343
IND EIGHT AVE EXPRESS	91	450	101	372	103	429	99	396	89	366	110	425	94	440	102	433	85	436	82	432
IND EIGHT AVE LOCAL	69	237	69	277	71	386	70	355	68	371	73	332	72	338	71	362	71	334	70	339
IRT B'WAY/7TH AV EXPRESS	103	389	98	437	106	412	92	393	104	425	100	386	101	377	105	378	103	388	101	387
IRT B'WAY/7TH AV LOCAL	75	342	76	348	85	343	84	338	84	327	84	337	83	343	87	347	78	351	75	347
AMTRAK/METRO-NORTH	200	255	206	257	209	264	205	271	204	273	207	270	205	273	205	286	204	284	203	283
SECTOR TOTAL	751	2,481	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
BROOKLYN SECTOR																				
BMT 14TH STREET TUNNEL	51	223	56	233	60	236	60	244	60	228	58	242	55	234	60	246	53	235	51	217
BMT WILLIAMSBURG BRIDGE	79	334	80	333	89	340	88	345	88	345	87	342	88	340	89	348	87	345	87	347
IND RUTGERS TUNNEL	63	256	62	239	64	267	65	269	66	256	66	269	70	272	67	271	69	276	69	273
BMT MANHATTAN BRIDGE	90	519	114	602	125	498	177	694	130	507	133	518	137	534	136	538	138	531	136	535
IND CRANBERRY TUNNEL	98	281	104	270	111	378	113	363	107	366	114	373	114	370	115	357	107	360	110	355
IRT CLARK TUNNEL	90	396	94	412	96	418	90	390	92	402	94	400	94	390	89	403	93	409	91	408
BMT MONTAGUE TUNNEL	115	449	111	465	118	477	89	311	115	481	115	478	112	481	114	482	111	411	113	414
IRT JORALEMON TUNNEL	110	397	114	434	115	414	112	376	105	434	92	393	118	404	115	410	115	399	109	395
SECTOR TOTAL	696	2,855	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
QUEENS SECTOR																				
BMT 60TH STREET TUNNEL	120	522	111	498	109	422	107	388	97	336	97	368	96	375	91	377	90	377	92	374
IND 53RD STREET TUNNEL	132	486	129	463	137	519	131	481	138	532	128	481	143	488	137	482	144	509	138	500
IRT STEINWAY TUNNEL	113	362	114	366	117	376	111	363	126	363	126	381	115	374	117	381	114	370	112	369
63RD STREET TUNNEL	-	-	-	-	-	-	41	194	161	265	36	213	41	229	40	238	38	217	40	222
AMTRAK/LIRR TUNNEL	143	246	161	270	165	273	159	266	43	215	158	268	156	268	157	282	155	282	155	284
SECTOR TOTAL	508	1,616	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
NEW JERSEY SECTOR																				
PATH DOWNTOWN TUNNEL	172	462	184	463	162	445	153	433	147	444	157	436	157	436	157	436	157	436	154	436
PATH UPTOWN TUNNEL	101	384	101	376	99	401	99	364	98	364	99	367	99	367	99	367	99	367	99	363
AMTRAK/NJ TRANSIT TUNNELS	74	153	73	170	63	182	74	170	75	175	73	175	56	178	70	181	68	176	79	201
SECTOR TOTAL	347	999	358	1,009	324	1,028	326	967	320	983	329	978	312	981	326	984	324	979	332	1,000
GRAND TOTAL	2,302	7,951	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
TOTAL, NYCTA	1,612	6,451	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

* 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	(1987)		(1988)		(1989)		(1990)		(1991)		(1992)		(1993)		(1994)		(1995)		(1996)	
	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	1,180	4,150	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
IRT LEXINGTON AVE LOCAL	950	3,930	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
IND EIGHT AVE EXPRESS	838	4,128	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
IND EIGHT AVE LOCAL	550	1,831	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
IRT B'WAY/7TH AV EXPRESS	981	3,717	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
IRT B'WAY/7TH AV LOCAL	750	3,420	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
AMTRAK/METRO-NORTH	1,319	1,428	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
SECTOR TOTAL	6,568	22,604	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
BROOKLYN SECTOR																				
BMT 14TH STREET TUNNEL	408	1,784	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
BMT WILLIAMSBURG BRIDGE	632	2,672	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
IND RUTGERS TUNNEL	504	2,048	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
BMT MANHATTAN BRIDGE	822	4,652	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
IND CRANBERRY TUNNEL	826	2,366	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
IRT CLARK TUNNEL	855	3,784	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
BMT MONTAGUE TUNNEL	1,046	3,941	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
IRT JORALEMON TUNNEL	1,100	3,970	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
SECTOR TOTAL	6,193	25,217	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
QUEENS SECTOR																				
BMT 60TH STREET TUNNEL	1,122	4,800	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
IND 53RD STREET TUNNEL	1,056	3,888	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
IRT STEINWAY TUNNEL	1,243	3,982	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
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
AMTRAK/LIRR TUNNEL	1,395	2,256	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
SECTOR TOTAL	4,816	14,926	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
NEW JERSEY SECTOR																				
PATH DOWNTOWN TUNNEL	1,204	3,234	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
PATH UPTOWN TUNNEL	656	2,506	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
AMTRAK/NJ TRANSIT TUNNELS	566	956	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
SECTOR TOTAL	2,426	6,696	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
GRAND TOTAL	20,003	69,443	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
TOTAL, NYCTA	14,863	59,063	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

* 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

	(1986)	(1987)	(1988)	(1989)	(1990)	(1991)	(1992)	(1993)	(1994)	(1995)	(1996)
60TH STREET SECTOR											
RAIL RAPID TRANSIT-EXPRESS	3.4	3.4	3.4	3.3	3.7	3.7	3.6	4.0	4.0	3.4	4.0
RAIL RAPID TRANSIT-LOCAL	4.3	3.8	3.6	4.4	4.5	5.0	4.9	5.1	4.9	5.4	5.6
SUBURBAN RAIL	8.7	8.5	9.0	9.2	8.9	9.0	9.0	8.9	8.9	9.2	9.5
BUS	7.9	7.4	7.5	8.1	7.8	7.9	7.9	8.5	9.4	9.3	8.7
TOTAL	5.1	4.9	4.8	5.0	5.3	5.4	5.2	5.5	5.6	5.4	5.6
BROOKLYN SECTOR											
RAIL RAPID TRANSIT	4.2	4.2	3.8	4.1	5.1	4.7	5.1	5.3	5.5	5.8	7.8
BUS	6.4	6.7	8.3	8.9	9.2	8.7	10.5	8.1	8.7	10.1	10.0
SECTOR TOTAL	4.3	4.3	4.0	4.3	5.3	4.9	5.0	5.1	5.4	5.6	7.2
QUEENS SECTOR											
RAIL RAPID TRANSIT	3.5	3.3	3.5	3.7	4.2	4.2	4.1	8.1	8.3	9.2	12.0
SUBURBAN RAIL	6.9	7.1	7.1	7.7	7.6	7.8	7.9	7.7	8.0	8.2	8.1
BUS	7.4	7.7	8.4	9.8	9.2	10.5	8.1	10.3	9.9	9.4	8.8
SECTOR TOTAL	4.6	4.5	4.7	4.9	5.3	5.3	5.4	5.7	5.7	5.8	6.8
NEW JERSEY SECTOR											
RAIL RAPID TRANSIT	3.9	4.8	5.1	4.9	5.2	4.2	5.4	5.3	5.0	5.2	5.7
SUBURBAN RAIL	12.1	10.0	10.7	10.2	10.4	13.6	12.0	10.0	10.6	9.7	10.4
BUS	8.5	8.7	8.3	8.3	8.3	8.1	8.6	8.1	8.0	8.2	8.2
SECTOR TOTAL	6.8	7.1	7.1	7.0	7.2	7.0	7.7	7.1	7.1	7.2	7.6
STATEN ISLAND FERRY	15.8	14.7	12.2	12.5	12.0	13.2	12.1	12.1	15.0	14.5	14.5
ROOSEVELT ISLAND TRAMWAY	3.8	3.6	3.8	3.0	3.1	3.2	10.6 -		8.1	5.9	7.9
ALL TRANSIT MODES	5.1	4.8	4.9	5.1	5.6	5.5	5.6	5.7	5.9	5.9	6.7

* 63RD STREET TUNNEL ADDED

TABLE 9

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

	(1986)	(1987)	(1988)	(1989)	(1990)	(1991)	(1992)	(1993)	(1994)	(1995)	(1996)
BUS PASSENGERS											
EXPRESS BUS											
NEW YORK CITY	61,834	53,404	47,088	42,161	43,892	41,866	41,575	40,296	39,459	37,647	38,272
WEST OF HUDSON	127,299	121,550	122,600	121,800	123,696	118,730	113,100	115,200	125,700	125,604	128,403
NORTH OF NYC	2,342	2,132	2,131	1,869	1,966	1,766	1,702	1,952	1,757	1,613	1,565
TOTAL EXPRESS BUS	191,475	177,086	171,819	165,830	169,554	162,362	156,377	157,448	166,916	164,864	168,240
LOCAL BUS	75,556	72,278	70,513	67,417	68,148	66,788	68,244	61,455	52,690	50,923	51,489
TOTAL PASSENGERS	267,031	249,364	242,332	233,247	237,702	229,150	224,621	218,903	219,606	215,787	219,729
BUS VEHICLES											
EXPRESS BUS											
NEW YORK CITY	2,357	2,002	1,846	1,855	1,623	1,691	1,729	1,702	1,674	1,672	1,617
WEST OF HUDSON	5,286	5,069	5,219	5,385	5,460	5,513	5,458	5,466	5,800	6,060	6,140
NORTH OF NYC	108	115	109	108	107	107	112	115	112	112	108
TOTAL EXPRESS BUS	7,751	7,186	7,174	7,348	7,190	7,311	7,299	7,283	7,586	7,844	7,865
LOCAL BUS	3,535	3,084	3,304	3,071	3,288	3,087	3,133	3,097	2,784	2,689	2,775
TOTAL BUSES	11,286	10,270	10,478	10,419	10,478	10,398	10,432	10,380	10,370	10,533	10,640

NOTE:

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

TABLE 10

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

	(1986)	(1987)	(1988)	(1989)	(1990)	(1991)	(1992)	(1993)	(1994)	(1995)	(1996)
60TH STREET SECTOR											
EAST OF CENTRAL PARK											
FDR DRIVE	219,947	195,862	194,563	191,438	202,093	189,407	206,535	194,787	200,767	201,929	206,887
YORK AVENUE	51,555	58,349	54,621	56,567	60,008	48,674	54,041	50,529	57,977	64,625	61,140
SECOND AND FIRST AVENUES	126,397	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.	44,387	44,430	43,420	46,983	70,149	69,386	72,184	71,418	50,685	47,424	47,601
LEXINGTON AND THIRD AVENUES	90,624	95,803	98,238	100,787	92,567	92,812	94,749	102,504	98,643	97,215	89,870
PARK AVENUE	83,251	79,653	83,931	75,486	81,430	81,729	78,590	93,082	89,220	71,439	81,567
FIFTH AND MADISON AVENUES	102,182	106,583	106,467	101,881	102,307	93,461	117,635	89,155	96,969	98,199	101,432
TOTAL	718,343	715,961	713,666	695,952	711,640	700,202	760,960	741,838	705,524	707,172	706,111
CENTRAL PARK DRIVES	55,183	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	24,037	25,663	24,398	19,284	23,156	24,163	19,193	19,424	24,233	21,180	28,947
BROADWAY	62,438	60,530	67,295	56,680	59,391	62,141	69,361	64,245	69,393	67,162	65,552
COLUMBUS AND AMSTERDAM AVES	77,848	79,145	77,306	77,475	80,658	87,814	83,871	73,822	78,676	67,703	80,111
WEST END AVENUE	37,296	38,724	39,189	39,064	39,417	44,628	44,238	47,219	40,594	46,006	43,388
WEST SIDE HIGHWAY	130,938	135,896	144,154	134,408	142,565	147,369	144,563	145,105	147,312	159,857	159,091
TOTAL	332,557	339,958	352,342	326,911	345,187	366,115	361,226	349,815	360,208	361,908	377,088
SECTOR TOTAL	1,106,083	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	1,121,605
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	160,491	160,435	153,407	161,474	158,786	161,180	137,237	121,723	117,419	140,997	143,891
MANHATTAN BRIDGE	114,299	113,747	110,450	100,567	109,431	103,525	111,361	106,193	111,754	107,125	118,377
BROOKLYN BRIDGE	180,686	176,259	184,261	188,062	182,638	177,062	173,048	185,750	185,826	181,754	184,398
BROOKLYN BATTERY TUNNEL	97,236	101,389	101,288	95,055	91,515	97,347	95,140	87,265	86,512	92,808	70,622
SECTOR TOTAL	552,712	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	108,930	118,732	116,584	111,115	107,731	122,127	124,099	117,077	103,850	112,045	110,034
QUEENSBORO BRIDGE	234,953	225,270	228,376	226,546	201,351	189,431	203,477	194,830	217,729	225,422	223,232
SECTOR TOTAL	343,883	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	105,459	102,060	117,245	116,846	121,982	120,766	125,816	133,692	136,559	137,071	136,000
LINCOLN TUNNEL	169,275	172,154	166,349	167,342	167,383	161,500	170,596	174,912	173,399	176,089	168,747
SECTOR TOTAL	274,734	274,214	283,594	284,188	289,365	282,266	296,412	308,604	309,958	313,160	304,746
STATEN ISLAND FERRY	1,099	1,299	1,496	1,788	1,884	-	-	-	1,377	1,149	1,065
TOTAL, ALL FACILITIES	2,278,511	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	2,277,970

TABLE 11

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

	(1986)	(1987)	(1988)	(1989)	(1990)	(1991)	(1992)	(1993)	(1994)	(1995)	(1996)
60TH STREET SECTOR											
EAST OF CENTRAL PARK											
FDR DRIVE	150,555	133,630	132,681	130,648	132,185	123,946	134,854	127,196	131,247	131,995	136,281
YORK AVENUE	34,569	39,066	36,577	38,030	40,755	33,350	36,983	34,351	39,450	43,859	42,448
SECOND AND FIRST AVENUES	85,157	91,388	89,496	82,935	74,252	89,595	98,258	100,575	80,012	90,609	84,139
QNSBORO BR RAMP & NEW ST.	28,624	29,156	28,257	30,769	46,377	45,875	47,728	47,191	33,507	31,383	34,656
LEXINGTON AND THIRD AVENUE:	59,353	62,888	64,361	66,118	61,272	61,678	62,960	68,065	65,410	64,692	62,959
PARK AVENUE	48,468	46,377	48,923	44,142	47,229	47,412	45,487	54,058	51,830	41,541	48,632
FIFTH AND MADISON AVENUES	61,171	63,554	63,471	60,643	63,619	58,545	73,246	56,104	60,358	61,324	64,999
TOTAL	467,947	466,059	463,766	453,285	465,689	460,401	499,516	487,540	461,814	465,403	474,114
CENTRAL PARK DRIVES											
	15,196	16,171	15,342	12,176	24,052	24,148	22,009	18,260	19,202	17,638	21,269
WEST OF CENTRAL PARK											
EIGHTH AVENUE	33,881	26,430	24,128	23,852	14,621	15,199	12,229	12,359	15,355	13,365	18,094
BROADWAY	40,408	39,024	43,395	36,498	37,039	38,929	43,413	40,198	43,344	41,945	42,909
COLUMBUS AND AMSTERDAM AVE:	52,912	53,604	52,408	52,502	54,725	59,581	56,975	50,330	53,498	45,980	56,621
WEST END AVENUE	26,158	27,150	27,461	27,364	27,750	31,389	31,151	33,216	28,527	32,269	30,727
WEST SIDE HIGHWAY	89,493	92,882	98,597	91,798	95,722	98,904	96,958	97,316	98,756	107,224	114,079
TOTAL	224,167	228,831	237,203	220,338	229,857	244,002	240,726	233,419	239,480	240,783	262,430
SECTOR TOTAL	722,509	728,771	727,399	697,751	719,598	728,551	762,251	739,219	720,496	723,824	757,813
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	107,181	107,362	102,643	107,967	114,100	115,345	98,307	86,591	83,525	100,588	88,570
MANHATTAN BRIDGE	77,784	77,519	75,221	68,593	76,651	72,695	78,117	74,526	78,418	75,126	81,075
BROOKLYN BRIDGE	126,555	123,523	129,153	131,951	132,482	128,491	125,643	134,793	134,837	131,883	131,872
BROOKLYN BATTERY TUNNEL	60,778	63,256	62,960	59,254	60,512	63,883	62,510	57,561	57,013	61,097	57,091
SECTOR TOTAL	372,298	371,660	369,977	367,765	383,745	380,414	364,577	353,471	353,793	368,694	358,608
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	71,468	77,813	76,243	72,828	71,186	80,616	81,835	77,288	68,511	73,882	72,285
QUEENSBORO BRIDGE	158,192	151,688	153,841	152,591	140,063	131,438	141,078	135,964	151,483	157,306	161,965
SECTOR TOTAL	229,660	229,501	230,084	225,419	211,249	212,054	222,913	213,252	219,994	231,188	234,250
NEW JERSEY SECTOR											
HOLLAND TUNNEL	75,382	73,656	84,625	84,399	87,976	87,502	90,206	92,685	94,637	96,310	96,799
LINCOLN TUNNEL	122,328	124,342	120,564	121,452	121,711	117,508	118,659	119,652	119,299	119,759	120,930
SECTOR TOTAL	197,710	197,998	205,189	205,851	209,687	205,010	208,865	212,337	213,936	216,069	217,729
STATEN ISLAND FERRY	762	886	1,013	1,221	1,232	-	-	-	900	900	900
TOTAL, ALL FACILITIES	1,522,939	1,528,816	1,533,662	1,498,007	1,525,511	1,526,029	1,558,606	1,518,279	1,509,119	1,540,675	1,569,300

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)
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
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
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
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
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
ROOSEVELT ISLAND	341	326	403	566	467	195	197	121	N/A	140	125	163
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
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
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
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
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
FERRY	696	1,313	1,297	2,871	2,401	2,945	3,041	1,781	1,853	2,007	1,994	1,957
TRAMWAY	341	326	403	566	467	195	197	121	N/A	140	125	163
BICYCLE	-	-	-	-	-	-	-	-	953	734	1,014	769
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

* 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)**

	(1970)	(1980)	(1990)	(1995)	(1996)	1980/1970	1990/1980	1996/1990	1996/1995
CONNECTICUT									
6 PLANNING REGIONS	1,586.3	1,624.7	1,695.8	1,692.9	1,696.7	2.4%	4.4%	0.05%	0.22%
NEW JERSEY									
9 COUNTIES	5,068.9	4,915.2	4,990.1	5,108.1	5,127.3	-3.0%	1.5%	2.75%	0.38%
NEW YORK STATE									
MANHATTAN CBD*	517.4	507.7	528.1	541.5	544.5	-1.9%	4.0%	3.11%	0.55%
NYC REMAINDER	7,378.2	6,563.9	6,794.5	6,831.6	6,836.4	-11.0%	3.5%	0.62%	0.07%
7 SUBURBAN COUNTIES	4,180.8	4,313.8	4,400.6	4,497.2	4,509.9	3.2%	2.0%	2.48%	0.28%
TOTAL	12,076.4	11,385.4	11,723.2	11,870.3	11,890.8	-5.7%	3.0%	1.43%	0.17%
TOTAL REGION	18,731.6	17,925.3	18,409.1	18,671.3	18,714.8	-4.3%	2.7%	1.66%	0.23%

* ESTIMATED

TABLE 13B

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

	(1970)	(1980)	(1990)	(1995)	(1996)	1980/1970	1990/1980	1996/1990	1996/1995
CONNECTICUT									
6 PLANNING REGIONS	614.9	719.3	804.3	770.3	775.8	17.0%	11.8%	-3.54%	0.71%
NEW JERSEY									
9 COUNTIES	1,959.1	2,208.5	2,535.5	2,471.4	2,495.7	12.7%	14.8%	-1.57%	0.98%
NEW YORK STATE									
MANHATTAN CBD*	2,042.0	1,777.0	1,967.3	1,828.1	1,850.0	-13.0%	10.7%	-5.96%	1.20%
NYC REMAINDER	1,703.5	1,524.7	1,602.6	1,489.7	1,507.6	-10.5%	5.1%	-5.93%	1.20%
7 SUBURBAN COUNTIES	1,245.3	1,540.0	1,878.6	1,804.7	1,816.4	23.7%	22.0%	-3.31%	0.65%
TOTAL	4,990.8	4,841.7	5,448.5	5,122.5	5,174.0	-3.0%	12.5%	-5.04%	1.01%
TOTAL REGION	7,564.8	7,769.5	8,788.3	8,364.2	8,445.5	2.7%	13.1%	-3.90%	0.97%

* ESTIMATED

APPENDIX II
SUMMARY TABLES 1996

TABLE 14

WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 1996

	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	33,644	69,013	154,277	0	0	0	0	0	0	33,644	69,013	154,277	33,644	69,013	154,277
IRT LEX. AVE. LOCAL	0	0	0	27,308	51,971	141,202	0	0	0	0	0	0	27,308	51,971	141,202	27,308	51,971	141,202
IND 8TH AVE. EXPRESS	0	0	0	19,633	44,355	105,789	0	0	0	0	0	0	19,633	44,355	105,789	19,633	44,355	105,789
IND 8TH AVE. LOCAL	0	0	0	8,983	20,612	42,105	0	0	0	0	0	0	8,983	20,612	42,105	8,983	20,612	42,105
IRT BROADWAY/7TH AVE. EXPRES	0	0	0	23,959	57,499	125,298	0	0	0	0	0	0	23,959	57,499	125,298	23,959	57,499	125,298
IRT BROADWAY/7TH AVE. LOCAL	0	0	0	18,020	35,645	109,934	0	0	0	0	0	0	18,020	35,645	109,934	18,020	35,645	109,934
FDR DRIVE	8,718	23,783	121,363	0	0	0	0	0	0	0	0	0	0	0	0	8,718	23,783	121,363
YORK AVENUE	1,358	3,680	22,516	0	0	0	1,310	2,472	4,143	0	0	0	1,310	2,472	4,143	2,668	6,152	26,659
SECOND AVENUE	2,093	6,641	47,568	0	0	0	1,654	3,851	10,622	49	122	605	1,703	3,973	11,227	3,796	10,614	58,795
QUEENSBORO BRIDGE RAMP	0	0	34,637	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34,637
LEXINGTON AVENUE	2,636	6,193	38,237	0	0	0	1,344	3,062	7,998	18	59	692	1,362	3,121	8,690	3,998	9,314	46,927
PARK AVENUE/MTA TUN.	3,164	8,700	42,405	0	0	0	0	0	0	34,322	66,395	91,067	34,322	66,395	91,067	37,486	75,095	133,472
FIFTH AVENUE	3,045	9,147	53,589	0	0	0	3,193	8,440	18,042	41	107	525	3,234	8,547	18,567	6,279	17,694	72,156
CENT. PARK DR. AND 7TH AVENU	2,927	8,197	17,669	0	0	0	0	0	0	46	130	867	46	130	867	2,973	8,327	18,536
BROADWAY	2,056	6,007	40,599	0	0	0	1,583	3,597	8,881	57	130	867	1,640	3,727	10,055	3,696	9,734	50,654
COLUMBUS AVENUE	1,987	5,543	39,914	0	0	0	463	1,228	5,687	55	145	1,098	518	1,373	6,785	2,505	6,916	46,699
WEST END AVENUE	1,616	4,795	26,126	0	0	0	322	581	1,094	55	124	419	377	705	1,513	1,993	5,500	27,639
WEST SIDE HIGHWAY/AMTRAK-EMP	5,848	16,461	80,572	0	0	0	0	0	0	160	371	1,458	160	371	1,458	6,008	16,832	82,030
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	28	48	57	28	48	57	28	48	57
SECTOR TOTAL	35,449	99,147	565,194	131,547	279,095	678,605	9,869	23,231	56,467	34,831	67,631	97,962	176,247	369,957	833,034	211,696	469,104	1,398,228
BROOKLYN SECTOR																		
BMT 14TH ST. TUNNEL	0	0	0	13,186	32,723	60,088	0	0	0	0	0	0	13,186	32,723	60,088	13,186	32,723	60,088
WILLIAMSBURG BR./BMT	4,943	13,848	71,791	14,223	33,089	54,155	68	186	525	74	160	379	14,365	33,435	55,059	19,308	47,283	126,850
IND RUTGERS TUNNEL	0	0	0	14,171	29,438	59,225	0	0	0	0	0	0	14,171	29,438	59,225	14,171	29,438	59,225
MANHATTAN BRIDGE/BMT	5,182	14,219	56,979	32,751	67,892	123,092	102	254	559	0	0	0	32,853	68,146	123,651	38,035	82,365	180,630
IND CRANBERRY TUNNEL	0	0	0	23,987	50,742	100,645	0	0	0	0	0	0	23,987	50,742	100,645	23,987	50,742	100,645
IND CLARK TUNNEL	0	0	0	15,329	31,708	62,673	0	0	0	0	0	0	15,329	31,708	62,673	15,329	31,708	62,673
BMT MONTAGUE TUNNEL	0	0	0	12,100	25,686	48,897	0	0	0	0	0	0	12,100	25,686	48,897	12,100	25,686	48,897
IRT JORALEMON TUNNEL	0	0	0	16,981	47,181	94,632	0	0	0	0	0	0	16,981	47,181	94,632	16,981	47,181	94,632
BROOKLYN BRIDGE	6,523	18,824	96,243	0	0	0	0	0	0	165	373	858	165	373	858	6,688	19,197	97,101
BROOKLYN BATTERY TUNNEL	4,197	11,031	36,335	0	0	0	5,425	12,352	16,180	0	0	0	5,425	12,352	16,180	9,622	23,383	52,515
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	52	52	52	52	52	52	52	52	52
SECTOR TOTAL	20,845	57,922	261,348	142,728	318,459	603,407	5,595	12,792	17,264	291	585	1,289	148,614	331,836	621,960	169,459	389,758	883,308
QUEENS SECTOR																		
BMT 60TH STREET TUNNEL	0	0	0	29,153	60,713	114,770	0	0	0	0	0	0	29,153	60,713	114,770	29,153	60,713	114,770
IND 53RD STREET TUNNEL	0	0	0	40,741	89,581	182,413	0	0	0	0	0	0	40,741	89,581	182,413	40,741	89,581	182,413
IRT STEINWAY TUNNEL	0	0	0	20,553	47,531	97,726	0	0	0	0	0	0	20,553	47,531	97,726	20,553	47,531	97,726
63RD STREET TUNNEL	0	0	0	2,211	3,919	13,077	0	0	0	0	0	0	2,211	3,919	13,077	2,211	3,919	13,077
QUEENS MIDTOWN TUNNEL	5,297	14,723	56,290	0	0	0	5,180	9,628	13,299	0	0	0	5,180	9,628	13,299	10,477	24,351	69,589
QUEENSBORO BRIDGE	7,386	21,836	110,403	0	0	0	570	1,551	4,296	107	257	731	677	1,808	5,027	8,063	23,644	115,430
MTA LIRR/AMTRAK TUNNEL	0	0	0	0	0	0	0	0	0	38,056	77,906	111,979	38,056	77,906	111,979	38,056	77,906	111,979
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	132	271	329	132	271	329	132	271	329
SECTOR TOTAL	12,683	36,559	166,692	92,658	201,744	407,986	5,750	11,179	17,595	38,295	78,434	113,039	136,703	291,357	538,620	149,386	327,916	705,312
NEW JERSEY SECTOR																		
PATH DOWNTOWN TUNNEL	0	0	0	18,460	38,739	61,552	0	0	0	0	0	0	18,460	38,739	61,552	18,460	38,739	61,552
PATH UPTOWN TUNNEL	0	0	0	11,025	20,093	38,789	0	0	0	0	0	0	11,025	20,093	38,789	11,025	20,093	38,789
HOLLAND TUNNEL	3,893	11,900	64,700	0	0	0	2,533	5,501	8,003	0	0	0	2,533	5,501	8,003	6,426	17,401	72,703
LINCOLN TUNNEL	7,853	22,690	88,950	0	0	0	32,118	68,999	120,400	0	0	0	32,118	68,999	120,400	39,971	91,689	209,350
N. J. TRANSIT/AMTRAK TUNNEL	0	0	0	0	0	0	0	0	0	13,267	24,549	41,848	13,267	24,549	41,848	13,267	24,549	41,848
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	4,025	8,739	12,709	4,025	8,739	12,709	4,025	8,739	12,709
SECTOR TOTAL	11,745	34,590	153,650	29,486	58,832	100,341	34,651	74,500	128,403	17,292	33,288	54,557	81,429	166,620	283,301	93,174	201,210	436,951
STATEN ISLAND FERRY	52	167	429	0	0	0	0	0	0	5,548	14,988	29,881	5,548	14,988	29,881	5,600	15,155	30,310
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	9	14	14	9	14	14	9	14	14
ROOSEVELT ISLAND TRAM	0	0	0	0	0	0	0	0	0	304	684	1,536	304	684	1,536	304	684	1,536
TOTAL, ALL SECTORS	80,774	228,385	1,147,313	396,419	858,130	1,790,339	55,865	121,702	219,729	96,570	195,624	298,278	548,854	1,175,456	2,308,346	629,628	1,403,841	3,455,659

TABLE 15

WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 1996

	AUTOS-TAXIS-VANS-TRUCKS			-- RAIL RAPID TRANSIT --			----- BUSES -----			RAILROAD-FERRY-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	21,898	54,884	142,792	0	0	0	0	0	0	21,898	54,884	142,792	21,898	54,884	142,792
IRT LEX. AVE. LOCAL	0	0	0	16,699	47,177	137,329	0	0	0	0	0	0	16,699	47,177	137,329	16,699	47,177	137,329
IND 8TH AVE. EXPRESS	0	0	0	15,766	36,056	95,608	0	0	0	0	0	0	15,766	36,056	95,608	15,766	36,056	95,608
IND 8TH AVE. LOCAL	0	0	0	5,622	13,516	36,997	0	0	0	0	0	0	5,622	13,516	36,997	5,622	13,516	36,997
IRT BROADWAY/7TH AVE. EXPRESS	0	0	0	17,370	40,582	110,042	0	0	0	0	0	0	17,370	40,582	110,042	17,370	40,582	110,042
IRT BROADWAY/7TH AVE. LOCAL	0	0	0	12,571	33,227	103,691	0	0	0	0	0	0	12,571	33,227	103,691	12,571	33,227	103,691
FDR DRIVE	4,886	15,697	85,525	0	0	0	0	0	0	0	0	0	0	0	0	4,886	15,697	85,525
YORK AVENUE	2,267	6,566	38,624	0	0	0	272	960	2,563	0	0	0	272	960	2,563	2,539	7,526	41,187
FIRST AVENUE	3,865	11,261	70,045	0	0	0	1,061	2,834	8,957	33	100	339	1,094	2,934	9,296	4,959	14,195	79,341
QUEENSBORO BRIDGE RAMP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,323
ROADWAY UNDER RAMP (NEW STREET)	311	916	5,641	0	0	0	0	0	0	0	0	0	0	0	0	311	916	5,641
THIRD AVENUE	2,971	8,636	51,633	0	0	0	1,055	2,991	8,804	56	187	832	1,111	3,178	9,636	4,082	11,814	61,269
PARK AVENUE/MTA TUN.	2,387	7,919	39,162	0	0	0	0	0	0	23,129	49,366	86,172	23,129	49,366	86,172	25,516	57,285	125,334
MADISON AVENUE	2,825	8,874	47,842	0	0	0	3,823	8,999	20,024	126	327	1,122	3,949	9,326	21,146	6,774	18,200	68,988
CENTRAL PARK DR. AND 60TH STREET	225	543	1,940	0	0	0	0	0	0	0	0	0	0	0	0	225	543	1,940
CENTRAL PARK DR. AND 6TH AVENUE	2,539	7,367	18,798	0	0	0	0	0	0	66	190	711	66	190	711	2,605	7,557	19,509
CENTRAL PARK DR. AND COLUMBUS CII	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EIGHTH AVENUE	1,922	5,724	28,947	0	0	0	924	2,547	7,608	81	220	714	1,005	2,767	8,322	2,927	8,491	37,269
BROADWAY	1,757	5,116	24,953	0	0	0	687	1,774	4,937	0	0	0	687	1,774	4,937	2,444	6,890	29,890
AMSTERDAM AVENUE	2,958	8,543	40,196	0	0	0	405	968	3,945	46	148	412	451	1,116	4,357	3,409	9,659	44,553
WEST END AVENUE	1,325	3,903	17,262	0	0	0	405	326	837	28	76	279	433	402	1,116	1,758	4,305	18,378
WEST SIDE HIGHWAY/AMTRAK-EMP.	6,108	17,621	78,519	0	0	0	0	0	0	127	463	1,312	127	463	1,312	6,235	18,084	79,831
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	15	37	40	15	37	40	15	37	40
SECTOR TOTAL	36,348	108,686	556,411	89,926	225,442	626,459	8,632	21,399	57,675	23,707	51,114	91,933	122,265	297,955	776,067	158,613	406,641	1,332,478
BROOKLYN SECTOR																		
BMT 14TH ST. TUNNEL	0	0	0	10,181	28,266	63,694	0	0	0	0	0	0	10,181	28,266	63,694	10,181	28,266	63,694
WILLIAMSBURG BR./BMT	5,148	16,679	72,100	7,980	18,699	41,977	301	679	1,592	81	189	332	8,362	19,567	43,901	13,510	36,246	116,001
IND RUTGERS TUNNEL	0	0	0	7,428	17,092	52,352	0	0	0	0	0	0	7,428	17,092	52,352	7,428	17,092	52,352
MANHATTAN BRIDGE/BMT	4,440	13,374	61,398	23,118	53,278	116,505	220	471	791	0	0	0	23,338	53,749	117,296	27,778	67,123	178,694
IND CRANBERRY TUNNEL	0	0	0	17,845	41,868	97,683	0	0	0	0	0	0	17,845	41,868	97,683	17,845	41,868	97,683
IND CLARK TUNNEL	0	0	0	10,594	26,265	62,980	0	0	0	0	0	0	10,594	26,265	62,980	10,594	26,265	62,980
BMT MONTAGUE TUNNEL	0	0	0	10,667	23,741	50,375	0	0	0	0	0	0	10,667	23,741	50,375	10,667	23,741	50,375
IRT JORALEMON TUNNEL	0	0	0	13,825	33,591	77,365	0	0	0	0	0	0	13,825	33,591	77,365	13,825	33,591	77,365
BROOKLYN BRIDGE	6,839	19,740	88,155	0	0	0	0	0	0	153	402	673	153	402	673	6,992	20,142	88,828
BROOKLYN BATTERY TUNNEL	3,414	9,538	34,287	0	0	0	4,638	10,860	15,190	0	0	0	4,638	10,860	15,190	8,052	20,398	49,477
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	22	55	55	22	55	55	22	55	55
SECTOR TOTAL	19,841	59,332	255,940	101,638	242,800	562,931	5,159	12,010	17,573	256	646	1,060	107,053	255,456	581,564	126,894	314,788	837,504
QUEENS SECTOR																		
BMT 60TH STREET TUNNEL	0	0	0	11,901	36,326	94,427	0	0	0	0	0	0	11,901	36,326	94,427	11,901	36,326	94,427
IND 53RD STREET TUNNEL	0	0	0	34,457	80,645	174,402	0	0	0	0	0	0	34,457	80,645	174,402	34,457	80,645	174,402
IRT STEINWAY TUNNEL	0	0	0	16,232	40,347	105,423	0	0	0	0	0	0	16,232	40,347	105,423	16,232	40,347	105,423
63RD STREET TUNNEL	0	0	0	1,211	2,919	11,011	0	0	0	0	0	0	1,211	2,919	11,011	1,211	2,919	11,011
QUEENS MIDDTOWN TUNNEL	4,029	12,281	53,744	0	0	0	551	1,240	3,073	0	0	0	551	1,240	3,073	4,580	13,521	56,817
QUEENSBORO BRIDGE	6,171	18,876	112,829	0	0	0	2,900	6,669	11,807	115	287	575	3,015	6,956	12,382	9,186	25,832	125,211
MTA LIRR/AMTRAK TUNNEL	0	0	0	0	0	0	0	0	0	32,780	69,017	112,066	32,780	69,017	112,066	32,780	69,017	112,066
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	91	208	261	91	208	261	91	208	261
SECTOR TOTAL	10,200	31,157	166,573	63,801	160,237	385,263	3,451	7,909	14,880	32,986	69,512	112,902	100,238	237,658	513,045	110,438	268,815	679,618
NEW JERSEY SECTOR																		
PATH DOWNTOWN TUNNEL	0	0	0	14,686	30,879	55,785	0	0	0	0	0	0	14,686	30,879	55,785	14,686	30,879	55,785
PATH UPTOWN TUNNEL	0	0	0	8,195	17,734	39,555	0	0	0	0	0	0	8,195	17,734	39,555	8,195	17,734	39,555
HOLLAND TUNNEL	3,877	11,535	71,300	0	0	0	1,068	2,800	6,420	0	0	0	1,068	2,800	6,420	4,945	14,335	77,720
LINCOLN TUNNEL	7,587	20,352	79,796	0	0	0	29,861	64,506	126,598	0	0	0	29,861	64,506	126,598	37,448	84,858	206,394
N. J. TRANSIT/AMTRAK TUNNEL	0	0	0	0	0	0	0	0	0	9,672	21,440	41,924	9,672	21,440	41,924	9,672	21,440	41,924
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	3,326	7,276	11,810	3,326	7,276	11,810	3,326	7,276	11,810
SECTOR TOTAL	11,463	31,887	151,096	22,881	48,613	95,340	30,929	67,306	133,018	12,998	28,716	53,734	66,808	144,635	282,092	78,271	176,522	433,188
STATEN ISLAND FERRY	91	220	636	0	0	0	0	0	0	8,184	17,834	29,464	8,184	17,834	29,464	8,275	18,054	30,100
PRIVATE FERRY	0	0	0	0	0	0	0	0	0	7	9	9	7	9	9	7	9	9
ROOSEVELT ISLAND TRAM	0	0	0	0	0	0	0	0	0	312	685	1,860	312	685	1,860	312	685	1,860
TOTAL, ALL SECTORS	77,942	231,282	1,130,657	278,246	677,092	1,669,993	48,171	108,624	223,146	78,450	168,516	290,962	404,867	954,232	2,184,101	482,809	1,185,514	3,314,758

TABLE 16

**WHERE AND WHEN MOTOR VEHICLES ENTERED
THE HUB ON A FALL BUSINESS DAY IN 1996**

	AUTOS-TAXIS-VANS-TRUCKS			BUSES			TOTAL MOTOR VEHICLES		
	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	5,333	15,386	78,012	0	0	0	5,333	15,386	78,012
YORK AVENUE	992	2,740	16,069	27	55	158	1,019	2,795	16,227
SECOND AVENUE	1,558	4,912	33,211	38	108	403	1,596	5,020	33,614
LEXINGTON AVENUE	1,405	3,634	24,164	43	115	422	1,448	3,749	24,586
PARK AVENUE	1,749	4,850	24,953	0	0	0	1,749	4,850	24,953
FIFTH AVENUE	1,916	5,706	31,851	95	281	968	2,011	5,987	32,819
CENTRAL PARK DRIVE AND 7TH AVENUE	1,603	4,336	9,474	0	0	0	1,603	4,336	9,474
BROADWAY	1,536	4,231	26,264	39	110	528	1,575	4,341	26,792
COLUMBUS AVENUE	1,409	3,988	28,172	19	58	346	1,428	4,046	28,518
WEST END AVENUE	1,210	3,311	18,065	6	16	107	1,216	3,327	18,172
WEST SIDE HIGHWAY	4,470	13,193	58,812	0	0	0	4,470	13,193	58,812
QUEENSBORO BR. RAMP	0	0	25,947	0	0	0	0	0	25,947
SECTOR TOTAL	23,181	66,287	349,047	267	743	2,932	23,448	67,030	377,926
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	2,666	7,929	45,319	5	15	86	2,671	7,944	45,405
MANHATTAN BRIDGE	2,938	8,649	38,654	4	11	39	2,942	8,660	38,693
BROOKLYN BRIDGE	4,405	12,911	67,030	0	0	0	4,405	12,911	67,030
BROOKLYN BATTERY TUNNEL	3,973	10,427	31,474	166	384	572	4,139	10,811	32,046
SECTOR TOTAL	13,982	39,916	182,477	175	410	697	14,157	40,326	183,174
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	3,519	10,162	36,770	133	276	557	3,652	10,438	37,327
QUEENSBORO BRIDGE	5,301	16,466	82,525	26	72	314	5,327	16,538	82,839
SECTOR TOTAL	8,820	26,628	119,295	159	348	871	8,979	26,976	120,166
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,810	8,501	46,318	59	138	370	2,869	8,639	46,688
LINCOLN TUNNEL	4,128	12,717	53,631	812	1,984	5,770	4,940	14,701	59,401
SECTOR TOTAL	6,938	21,218	99,949	871	2,122	6,140	7,809	23,340	106,089
CARS ABOARD STATEN ISLAND FERRY	41	130	322	-	-	-	41	130	322
TOTAL, ALL SECTORS	52,962	154,179	751,090	1,472	3,623	10,640	54,434	157,802	787,677

TABLE 17

**WHERE AND WHEN MOTOR VEHICLES LEFT
THE HUB ON A FALL BUSINESS DAY IN 1996**

	AUTOS-TAXIS-VANS-TRUCKS			----- BUSES -----			TOTAL MOTOR VEHICLES		
	5-6 PM	4-7 PM	24 HOURS	5-6 PM	4-7 PM	24 HOURS	5-6 AM	4-7 PM	24 HOURS
60TH STREET SECTOR									
FDR DRIVE	3,790	11,215	58,269	0	0	0	3,790	11,215	58,269
YORK AVENUE	1,513	4,426	26,093	9	32	128	1,522	4,458	26,221
FIRST AVENUE	2,695	7,761	50,118	30	103	407	2,725	7,864	50,525
QUEENSBORO BRIDGE RAMP	0	0	4,691	0	0	0	0	0	4,691
ROADWAY UNDER RAMP (NEW STREET)	247	724	4,018	0	0	0	247	724	4,018
THIRD AVENUE	1,941	5,686	37,934	38	112	439	1,979	5,798	38,373
PARK AVENUE	1,374	4,425	23,679	0	0	0	1,374	4,425	23,679
MADISON AVENUE	1,698	5,214	31,198	113	282	982	1,811	5,496	32,180
CENTRAL PARK DRIVE AND 60TH STREET	150	374	1,404	0	0	0	150	374	1,404
CENTRAL PARK DRIVE AND 6TH AVENUE	1,369	3,955	10,391	0	0	0	1,369	3,955	10,391
CENTRAL PARK DRIVE AND COLUMBUS CIRCU	0	0	0	0	0	0	0	0	0
EIGHT AVENUE	1,093	3,238	17,685	33	93	409	1,126	3,331	18,094
BROADWAY	975	2,836	15,866	17	47	251	992	2,883	16,117
AMSTERDAM AVENUE	1,954	5,654	27,898	15	39	205	1,969	5,693	28,103
WEST END AVENUE	908	2,683	12,445	5	19	110	913	2,702	12,555
WEST SIDE HIGHWAY	4,144	12,375	55,267	0	0	0	4,144	12,375	55,267
SECTOR TOTAL	23,851	70,566	376,956	260	727	2,931	24,111	71,293	379,887
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	2,524	8,567	43,068	10	25	97	2,534	8,592	43,165
MANHATTAN BRIDGE	2,835	8,370	42,343	6	13	39	2,841	8,383	42,382
BROOKLYN BRIDGE	4,481	13,156	64,842	0	0	0	4,481	13,156	64,842
BROOKLYN BATTERY TUNNEL	2,229	6,528	24,501	146	348	544	2,375	6,876	25,045
SECTOR TOTAL	12,069	36,621	174,754	162	386	680	12,231	37,007	175,434
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	2,434	7,375	34,730	27	71	228	2,461	7,446	34,958
QUEENSBORO BRIDGE	4,343	13,178	78,553	93	216	573	4,436	13,394	79,126
SECTOR TOTAL	6,777	20,553	113,283	120	287	801	6,897	20,840	114,084
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,757	8,369	49,743	31	92	368	2,788	8,461	50,111
LINCOLN TUNNEL	4,038	12,746	56,031	815	1,802	5,498	4,853	14,548	61,529
SECTOR TOTAL	6,795	21,115	105,774	846	1,894	5,866	7,641	23,009	111,640
CARS ABOARD STATEN ISLAND FERRY	82	187	502	-	-	-	82	187	502
TOTAL, ALL SECTORS	49,574	149,042	771,269	1,388	3,294	10,278	50,962	152,336	781,547

TABLE 18

**WHERE AND WHEN BUS PASSENGERS ENTERED
THE HUB ON A FALL BUSINESS DAY IN 1996**

	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	1,211	2,181	3,809	99	291	334	1,310	2,472	4,143
SECOND AVENUE	1,654	3,851	10,622	0	0	0	1,654	3,851	10,622
LEXINGTON AVENUE	1,198	2,625	7,232	146	437	766	1,344	3,062	7,998
FIFTH AVENUE	2,181	4,480	10,895	1,012	3,960	7,147	3,193	8,440	18,042
BROADWAY	1,520	3,357	8,391	63	240	490	1,583	3,597	8,881
COLUMBUS AVENUE	395	1,029	4,066	68	199	1,621	463	1,228	5,687
WEST END AVENUE	322	581	1,094				322	581	1,094
SECTOR TOTAL	8,481	18,104	46,109	1,388	5,127	10,358	9,869	23,231	56,467
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	68	186	525	0	0	0	68	186	525
MANHATTAN BRIDGE	102	254	559	0	0	0	102	254	559
BROOKLYN BATTERY TUNNEL	0	0	0	5,425	12,352	16,180	5,425	12,352	16,180
SECTOR TOTAL	170	440	1,084	5,425	12,352	16,180	5,595	12,792	17,264
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	0	0	0	5,180	9,628	13,299	5,180	9,628	13,299
QUEENSBORO BRIDGE	570	1,551	4,296	0	0	0	570	1,551	4,296
SECTOR TOTAL	570	1,551	4,296	5,180	9,628	13,299	5,750	11,179	17,595
NEW JERSEY SECTOR									
HOLLAND TUNNEL	0	0	0	2,533	5,501	8,003	2,533	5,501	8,003
LINCOLN TUNNEL	0	0	0	32,118	68,999	120,400	32,118	68,999	120,400
SECTOR TOTAL	0	0	0	34,651	74,500	128,403	34,651	74,500	128,403
TOTAL, ALL SECTORS	9,221	20,095	51,489	46,644	101,607	168,240	55,865	121,702	219,729

TABLE 19

**WHERE AND WHEN BUS PASSENGERS LEFT
THE HUB ON A FALL BUSINESS DAY IN 1996**

	LOCAL BUSES			EXPRESS BUSES			TOTAL		
	5-6 AM	4-7 PM	24 HOURS	5-6 AM	4-7 PM	24 HOURS	5-6 AM	4-7 PM	24 HOURS
60TH STREET SECTOR									
FDR DRIVE	0	0	0	0	0	0	0	0	0
YORK AVENUE	272	960	2,563	0	0	0	272	960	2,563
FIRST AVENUE	1,021	2,730	8,833	40	104	124	1,061	2,834	8,957
THIRD AVENUE	880	2,664	8,110	175	327	694	1,055	2,991	8,804
MADISON AVENUE	1,594	4,277	11,558	2,229	4,722	8,466	3,823	8,999	20,024
EIGHTH AVENUE	740	2,204	6,978	184	343	630	924	2,547	7,608
BROADWAY	687	1,774	4,937	0	0	0	687	1,774	4,937
AMSTERDAM AVENUE	220	549	2,195	185	419	1,750	405	968	3,945
WEST END AVENUE	102	326	837	0	0	0	102	326	837
SECTOR TOTAL	5,516	15,484	46,011	2,813	5,915	11,664	8,329	21,399	57,675
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	155	379	1,280	146	300	312	301	679	1,592
MANHATTAN BRIDGE	220	403	791	0	0	0	220	403	791
BROOKLYN BATTERY TUNNEL	0	0	0	4,638	10,860	15,190	4,638	10,860	15,190
SECTOR TOTAL	375	782	2,071	4,784	11,160	15,502	5,159	11,942	17,573
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	0	0	0	551	1,240	3,073	551	1,240	3,073
QUEENSBORO BRIDGE	822	2,075	5,505	2,078	4,594	6,302	2,900	6,669	11,807
SECTOR TOTAL	822	2,075	5,505	2,629	5,834	9,375	3,451	7,909	14,880
NEW JERSEY SECTOR									
HOLLAND TUNNEL	0	0	0	1,068	2,800	6,420	1,068	2,800	6,420
LINCOLN TUNNEL	0	0	0	29,861	64,506	126,598	29,861	64,506	126,598
SECTOR TOTAL	0	0	0	30,929	67,306	133,018	30,929	67,306	133,018
TOTAL, ALL SECTORS	6,713	18,341	53,587	41,155	90,215	169,559	47,868	108,556	223,146

TABLE 20

PUBLIC TRANSPORTATION VEHICLE LEVEL OF COMFORT AND HEADWAY ENTERING THE HUB ON A FALL BUSINESS DAY IN 1995 AND 1996, DURING THE 8AM - 9AM PEAK HOUR

	TRAINS		VEHICLES		VEHICLES FLOOR SPACE (SQUARE FEET)		PASSENGERS		PASSENGER PER VEHICLE		FLOOR SPACE PER PASSENGER (SQUARE FEET)		AVERAGE HEADWAY (MINUTES)	
	(95)	(96)	(95)	(96)	(95)	(96)	(95)	(96)	(95)	(96)	(95)	(96)	(95)	(96)
60TH STREET SECTOR														
IRT LEXINGTON AVE EXPRESS	19	23	190	230	85,690	103,730	26,908	33,644	142	146	3.2	3.1	3.2	2.6
IRT LEXINGTON AVE LOCAL	14	23	140	230	63,140	103,730	17,725	27,308	127	119	3.6	3.8	4.3	2.6
IND EIGHT AVE EXPRESS	16	18	134	154	80,668	92,708	24,200	19,633	181	127	3.3	4.7	3.8	3.3
IND EIGHT AVE LOCAL	11	12	98	108	58,996	65,016	7,169	8,983	73	83	8.2	7.2	5.5	5.0
IRT BROADWAY/7TH AVE EXPR.	20	15	191	143	86,141	64,493	23,105	15,671	121	110	3.7	4.1	3.0	4.0
IRT BROADWAY/7TH AVE LOCA	14	12	140	120	63,140	54,120	14,132	9,527	101	79	4.5	5.7	4.3	5.0
MTA-AMTRAK TUN.	50	50	379	385	322,150	327,250	34,848	34,458	92	90	9.2	9.5	1.2	1.2
BUSES	-	-	257	267	82,240	85,440	8,824	9,869	34	37	9.3	8.7	-	-
SECTOR TOTAL	144	153	-	-	842,165	896,487	156,911	159,093	-	-	5.4	5.6	-	-
BROOKLYN SECTOR														
BMT 14TH STREET TUNNEL	13	10	104	80	62,608	48,160	11,943	10,491	115	131	5.2	4.6	4.6	6.0
WILLIAMSBURG BRIDGE /BMT	18	14	144	112	86,688	67,424	10,886	10,534	76	94	8.0	6.4	3.3	4.3
IND RUTGERS TUNNEL	15	11	120	88	90,000	66,000	13,686	7,660	114	87	6.6	8.6	4.0	5.5
MANHATTAN BRIDGE/BMT	26	22	220	188	132,440	113,176	25,574	21,323	116	113	5.2	5.3	2.3	2.7
IND CRANBERRY TUNNEL	28	14	238	122	143,276	73,444	35,058	10,461	147	86	4.1	7.0	2.1	4.3
IRT CLARK TUNNEL	18	14	171	133	76,950	59,850	13,748	7,153	80	54	5.6	8.4	3.3	4.3
BMT MONTAGUE TUNNEL	22	18	182	150	109,564	90,300	16,095	5,794	88	39	6.8	15.6	2.7	3.3
IRT JORALEMON TUNNEL	26	22	260	220	117,260	99,220	23,766	14,789	91	67	4.9	6.7	2.3	2.7
BUSES	-	-	193	175	61,760	56,000	6,136	5,595	32	32	10.1	10.0	-	-
SECTOR TOTAL	166	125	-	-	880,546	673,574	156,892	93,800	-	-	5.6	7.2	-	-
QUEENS SECTOR														
BMT 60TH STREET TUNNEL	21	14	182	116	109,564	69,832	28,066	17,583	154	152	3.9	4.0	2.9	4.3
IND 53RD STREET TUNNEL	27	27	238	242	178,500	181,500	43,491	28,781	183	119	4.1	6.3	2.2	2.2
IRT STEINWAY TUNNEL	23	19	253	209	114,103	94,259	21,450	16,186	85	77	5.3	5.8	2.6	3.2
63RD STREET TUNNEL	7	5	56	40	33,712	24,080	1,441	757	26	19	23.4	31.8	8.6	12.0
LIRR/AMTRAK TUNNELS	38	37	372	362	316,200	307,700	38,730	38,056	104	105	8.2	8.1	1.6	1.6
BUSES	-	-	162	159	51,840	50,880	5,508	5,750	34	36	9.4	8.8	-	-
SECTOR TOTAL	116	102	-	-	803,919	728,251	138,686	107,113	-	-	5.8	6.8	-	-
NEW JERSEY SECTOR														
PATH DOWNTOWN TUNNEL	33	33	248	248	107,632	107,632	17,376	18,460	70	74	6.2	5.8	1.8	1.8
PATH UPTOWN TUNNEL	20	20	140	140	60,760	60,760	14,153	11,025	101	79	4.3	5.5	3.0	3.0
N.J. TRANSIT/AMTRAK TUNNE	14	16	124	162	105,400	137,700	10,898	13,267	88	82	9.7	10.4	4.3	3.8
BUSES	-	-	855	871	279,585	284,817	34,228	34,651	40	40	8.2	8.2	-	-
SECTOR TOTAL	67	69	-	-	553,377	590,909	76,655	77,403	-	-	7.2	7.6	-	-
STATEN ISLAND FERRY	4	4	-	-	80,000	80,000	5,527	5,527	1,382	1,382	14.5	14.5	15.0	15.0
ROOSEVELT ISLAND TRAMWAY	8	8	-	-	2,400	2,400	410	304	51	38	5.9	7.9	7.5	7.5
TOTAL, ALL SECTOR	505	461	-	-	3,162,407	2,971,621	535,081	443,240	-	-	5.9	6.7	-	-

TABLE 21A

**HOURLY VARIATION IN TOTAL PERSONS
ENTERING AND LEAVING THE HUB ON A FALL
BUSINESS DAY IN 1994, 1995, AND 1996**

HOURS	----- 1994 -----			----- 1995 -----			----- 1996 -----		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12-1 AM	29,197	54,796	83,993	29,197	54,796	83,993	33,593	59,763	93,356
2	16,867	30,439	47,306	16,867	30,439	47,306	18,810	31,243	50,053
3	11,629	17,753	29,382	11,629	17,753	29,382	13,382	18,307	31,690
4	10,453	12,753	23,206	10,453	12,753	23,206	12,359	13,179	25,538
5	16,401	13,558	29,959	16,401	13,558	29,959	18,595	14,819	33,414
6	51,372	24,472	75,844	51,372	24,472	75,844	57,734	26,262	83,996
7	181,727	61,597	243,324	181,727	61,597	243,324	192,689	62,924	255,613
8	451,281	119,357	570,638	451,281	119,357	570,638	448,899	119,606	568,505
9	619,793	136,463	756,256	619,793	136,463	756,256	629,628	134,683	764,311
10	325,112	104,695	429,807	325,112	104,695	429,807	325,314	109,201	434,515
11	170,431	91,369	261,800	170,431	91,369	261,800	177,113	94,190	271,303
12 NOON	136,942	97,203	234,145	136,942	97,203	234,145	143,684	97,294	240,979
1 PM	126,215	114,680	240,895	126,215	114,680	240,895	129,276	109,438	238,714
2	121,644	124,250	245,894	121,644	124,250	245,894	128,245	123,382	251,627
3	133,644	153,942	287,586	133,644	153,942	287,586	133,647	151,945	285,592
4	147,282	206,440	353,722	147,282	206,440	353,722	150,466	202,615	353,081
5	167,213	325,107	492,320	167,213	325,107	492,320	166,026	307,493	473,519
6	169,130	507,622	676,752	169,130	507,622	676,752	165,944	482,506	648,450
7	132,662	380,724	513,386	132,662	380,724	513,386	130,556	394,636	525,192
8	97,026	233,490	330,516	97,026	233,490	330,516	102,430	246,844	349,274
9	79,733	162,342	242,075	79,733	162,342	242,075	81,232	177,344	258,577
10	68,723	124,749	193,472	68,723	124,749	193,472	71,035	137,976	209,011
11	64,854	101,608	166,462	64,854	101,608	166,462	68,227	112,703	180,930
12 MID	53,136	81,566	134,702	53,136	81,566	134,702	56,774	86,403	143,177
TOTAL	3,382,467	3,280,975	6,663,442	3,382,467	3,280,975	6,663,442	3,455,659	3,314,758	6,770,417

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

TABLE 22A

HOURLY VARIATION IN TOTAL PUBLIC TRANSIT PASSENGERS ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY IN 1994, 1995, AND 1996

HOURS	----- 1994 -----			----- 1995 -----			----- 1996 -----		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12-1 AM	6,203	20,908	27,111	7,024	22,275	29,299	7,248	26,114	33,362
2	3,282	9,949	13,231	3,229	9,408	12,637	3,341	11,278	14,619
3	2,404	4,175	6,579	2,125	4,173	6,298	2,820	5,530	8,350
4	2,414	2,813	5,227	2,434	3,006	5,440	3,074	3,305	6,379
5	5,240	3,250	8,490	5,189	2,982	8,171	6,136	3,391	9,527
6	26,695	7,269	33,964	26,189	7,871	34,060	30,149	7,230	37,379
7	125,483	30,252	155,735	130,740	29,384	160,124	134,980	30,263	165,243
8	377,577	77,111	454,688	373,425	74,623	448,048	373,778	75,756	449,534
9	544,848	91,469	636,317	540,127	86,859	626,986	548,854	88,721	637,575
10	255,842	60,664	316,506	251,466	59,622	311,088	252,824	65,968	318,792
11	112,721	46,166	158,887	115,762	48,572	164,334	117,765	47,397	165,162
12 NOON	82,022	51,710	133,732	89,627	50,263	139,890	88,890	50,213	139,103
1 PM	73,452	64,246	137,698	72,814	62,834	135,648	76,924	59,175	136,099
2	68,641	69,981	138,622	70,762	74,245	145,007	73,833	69,255	143,088
3	76,665	92,164	168,829	77,115	94,027	171,142	77,111	91,684	168,795
4	87,705	134,744	222,449	89,011	141,243	230,254	91,074	134,178	225,252
5	106,179	247,296	353,475	103,869	242,669	346,538	107,738	233,664	341,402
6	105,176	427,363	532,539	104,291	416,560	520,851	106,013	404,564	510,577
7	69,822	296,007	365,829	70,693	289,513	360,206	69,353	315,126	384,479
8	43,353	167,921	211,274	44,004	170,299	214,303	45,533	178,253	223,786
9	30,956	102,503	133,459	32,903	107,642	140,545	30,886	111,295	142,181
10	24,199	69,818	94,017	23,550	76,200	99,750	23,627	77,683	101,310
11	20,943	48,338	69,281	20,817	53,490	74,307	21,254	55,278	76,532
12 MID	15,324	34,918	50,242	15,521	38,035	53,556	15,141	38,780	53,921
TOTAL	2,267,146	2,161,035	4,428,181	2,272,687	2,165,795	4,438,482	2,308,346	2,184,101	4,492,447

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

TABLE 23A

**HOURLY VARIATION IN TOTAL MOTOR VEHICLES
ENTERING AND LEAVING THE HUB ON A FALL
BUSINESS DAY IN 1994, 1995, AND 1996**

HOURS	----- 1994 -----			----- 1995 -----			----- 1996 -----		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12-1 AM	16,022	23,582	39,604	16,478	24,334	40,812	18,230	23,419	41,649
2	9,395	14,108	23,503	9,693	14,070	23,763	10,634	13,815	24,449
3	6,342	9,218	15,560	7,045	8,788	15,833	7,209	8,775	15,984
4	5,592	6,802	12,394	6,134	6,637	12,771	6,436	6,799	13,235
5	7,806	7,054	14,860	8,126	7,695	15,821	8,627	7,788	16,415
6	17,131	11,709	28,840	18,278	12,534	30,812	18,864	12,950	31,814
7	40,376	23,277	63,653	41,766	24,926	66,692	42,922	24,366	67,288
8	53,555	31,858	85,413	53,984	33,840	87,824	54,290	33,275	87,565
9	53,823	33,676	87,499	53,341	34,308	87,649	54,434	35,065	89,499
10	48,366	31,927	80,293	49,434	32,563	81,997	49,078	32,777	81,855
11	39,673	32,509	72,182	40,294	32,605	72,899	41,134	33,159	74,293
12 NOON	37,236	31,512	68,748	38,404	32,583	70,987	37,628	32,771	70,399
1 PM	35,918	33,328	69,246	36,482	33,664	70,146	35,998	34,724	70,722
2	35,337	35,174	70,511	35,655	35,061	70,716	36,105	36,350	72,455
3	36,988	39,958	76,946	37,924	38,934	76,858	38,396	40,461	78,857
4	39,433	46,072	85,505	40,277	46,058	86,335	40,539	45,808	86,347
5	39,191	49,336	88,527	40,952	49,908	90,860	39,825	49,037	88,862
6	39,830	51,218	91,048	40,000	51,031	91,031	40,575	50,962	91,537
7	38,298	50,302	88,600	39,267	51,222	90,489	41,676	52,337	94,013
8	35,899	44,647	80,546	37,858	46,745	84,603	39,455	47,925	87,380
9	32,846	41,009	73,855	33,250	43,158	76,408	33,776	45,370	79,146
10	30,244	37,772	68,016	31,018	38,580	69,598	32,039	41,639	73,678
11	29,662	36,343	66,005	30,389	36,516	66,905	31,606	39,273	70,879
12 MID	25,725	32,040	57,765	26,377	32,339	58,716	28,201	32,699	60,900
TOTAL	754,688	754,431	1,509,119	772,426	768,099	1,540,525	787,677	781,547	1,569,224

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

TABLE 24

**TOTAL PERSONS ENTERING THE HUB
BY HOUR AND MODE IN 1996**

HOURS	AUTO/TAXI	RAIL RAPID	BUSES	SUBURBAN	FERRY	TRAMWAY	BICYCLE	TOTAL
	VAN/TRUCK	TRANSIT		RAIL				
12-1 AM	26,346	6,150	575	470	45	8	0	33,593
2	15,469	2,852	223	237	21	8	0	18,810
3	10,562	2,201	191	397	31	0	0	13,382
4	9,285	2,704	184	99	87	0	0	12,359
5	12,460	5,267	229	339	301	0	0	18,595
6	27,585	25,657	2,329	1,179	984	0	0	57,734
7	57,709	94,587	19,527	16,206	4,604	43	13	192,689
8	75,120	260,366	44,263	57,039	11,525	232	353	448,899
9	80,774	396,419	55,865	85,781	9,773	304	712	629,628
10	72,490	201,345	21,574	26,330	2,724	148	703	325,314
11	59,348	95,283	9,047	11,073	1,633	32	697	177,113
12 NOON	54,794	73,276	6,967	6,293	1,574	60	720	143,684
1 PM	52,352	63,095	6,325	5,500	1,222	55	727	129,276
2	54,411	62,103	5,871	3,984	1,139	45	691	128,245
3	56,536	64,941	6,428	3,889	1,068	79	706	133,647
4	59,392	79,301	6,649	3,154	1,085	76	809	150,466
5	58,288	92,815	8,228	4,624	1,192	92	787	166,026
6	59,930	90,693	8,263	4,942	1,260	114	741	165,944
7	61,203	55,467	6,250	6,161	872	62	541	130,556
8	56,897	38,878	3,217	2,813	589	36	0	102,430
9	50,347	25,936	2,515	2,008	379	45	3	81,232
10	47,408	19,727	2,014	1,454	381	51	0	71,035
11	46,973	18,199	1,740	1,006	282	27	0	68,227
12 MID	41,633	13,077	1,255	685	103	19	2	56,774
TOTAL	1,147,313	1,790,339	219,729	245,663	42,874	1,536	8,205	3,455,659

TABLE 25

**TOTAL PERSONS LEAVING THE HUB
BY HOUR AND MODE IN 1996**

HOURS	AUTO/TAXI	RAIL RAPID	BUSES	SUBURBAN	FERRY	TRAMWAY	BICYCLE	TOTAL
	VAN/TRUCK	TRANSIT		RAIL				
12-1 AM	33,649	21,533	2,363	1,825	366	27	0	59,763
2	19,965	9,493	706	896	180	3	0	31,243
3	12,777	5,023	364	79	64	0	0	18,307
4	9,874	2,801	139	318	47	0	0	13,179
5	11,428	2,969	212	163	47	0	0	14,819
6	19,032	6,168	569	410	83	0	0	26,262
7	32,661	25,825	2,610	1,556	245	14	13	62,924
8	43,850	63,776	7,045	4,136	595	36	168	119,606
9	45,962	75,116	8,761	3,701	858	54	231	134,683
10	43,233	56,755	5,651	2,615	504	73	370	109,201
11	46,793	39,885	4,458	2,100	501	22	431	94,190
12 NOON	47,081	41,519	4,557	2,955	597	30	555	97,294
1 PM	50,263	48,206	5,439	4,025	886	28	591	109,438
2	54,127	57,050	6,339	4,158	976	83	649	123,382
3	60,261	73,699	8,648	7,135	1,513	71	618	151,945
4	68,437	103,023	13,905	13,901	2,497	141	711	202,615
5	73,829	169,776	27,020	29,005	6,930	164	769	307,493
6	77,942	278,246	47,868	65,660	11,645	312	833	482,506
7	79,510	229,070	33,736	45,499	5,956	209	656	394,636
8	68,591	135,580	17,312	22,261	2,850	250	0	246,844
9	66,049	87,713	10,212	11,626	1,637	104	3	177,344
10	60,293	61,281	6,969	8,307	1,027	99	0	137,976
11	57,425	44,433	4,556	5,276	915	98	0	112,703
12 MID	47,623	31,053	3,707	3,424	552	42	2	86,403
TOTAL	1,130,657	1,669,993	223,146	241,031	41,471	1,860	6,600	3,314,758

TABLE 26

**TOTAL PERSONS ENTERING THE HUB
BY HOUR AND SECTOR IN 1996**

HOURS	60TH ST SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	S. I. SECTOR	ROOSEVELT ISLAND	TOTAL	
12-1 AM	20,001	6,255	4,063	3,222		45	8	33,593
2	11,080	3,528	2,458	1,715		21	8	18,810
3	7,094	2,779	2,013	1,466		31	0	13,382
4	5,729	3,243	1,945	1,355		87	0	12,359
5	6,947	5,302	4,057	1,988		301	0	18,595
6	18,124	17,950	14,290	6,386		984	0	57,734
7	54,938	54,062	47,358	32,110		4,178	43	192,689
8	139,751	124,201	108,656	68,058		8,000	232	448,899
9	211,696	169,459	149,386	93,174		5,609	304	629,628
10	117,657	96,098	69,874	39,978		1,560	148	325,314
11	68,516	47,625	39,043	20,728		1,169	32	177,113
12 NOON	59,961	37,690	29,007	15,783		1,184	60	143,684
1 PM	57,293	32,907	23,815	14,366		841	55	129,276
2	60,075	32,187	22,017	13,087		834	45	128,245
3	62,240	32,169	24,386	13,869		904	79	133,647
4	74,388	35,010	25,125	14,949		918	76	150,466
5	76,635	39,832	30,624	17,924		919	92	166,026
6	78,108	38,001	30,378	18,604		739	114	165,944
7	62,443	27,849	22,851	16,768		583	62	130,556
8	54,046	20,486	15,687	11,794		381	36	102,430
9	44,745	16,095	10,810	9,189		348	45	81,232
10	37,978	14,755	10,240	7,666		345	51	71,035
11	36,407	14,568	9,895	7,080		250	27	68,227
12 MID	32,375	11,259	7,334	5,694		93	19	56,774
TOTAL	1,398,228	883,308	705,312	436,951	30,324	1,536	3,455,659	

TABLE 27

**TOTAL PERSONS LEAVING THE HUB
BY HOUR AND SECTOR IN 1996**

HOURS	60TH ST SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	S. I. SECTOR	ROOSEVELT ISLAND	TOTAL	
12-1 AM	22,915	15,804	14,259	6,403		354	27	59,763
2	11,323	8,267	8,266	3,205		180	3	31,243
3	7,312	4,622	4,378	1,931		64	0	18,307
4	5,050	3,198	3,107	1,777		47	0	13,179
5	5,732	3,313	2,986	2,741		47	0	14,819
6	10,889	6,054	4,218	5,018		83	0	26,262
7	27,994	13,633	11,654	9,356		273	14	62,924
8	58,547	25,342	20,429	14,806		447	36	119,606
9	68,856	29,197	19,213	16,809		553	54	134,683
10	57,540	24,024	14,158	13,002		404	73	109,201
11	50,056	21,022	12,353	10,350		388	22	94,190
12 NOON	49,638	21,828	14,860	10,458		480	30	97,294
1 PM	52,564	25,349	18,881	11,861		754	28	109,438
2	55,817	31,350	21,498	13,824		809	83	123,382
3	67,723	39,726	26,714	16,463		1,249	71	151,945
4	79,301	54,902	41,728	24,341		2,202	141	202,615
5	104,573	86,843	68,458	42,262		5,194	164	307,493
6	158,310	126,894	110,438	78,271		8,282	312	482,506
7	143,758	101,051	89,920	55,989		3,709	209	394,636
8	92,131	64,610	56,267	31,889		1,698	250	246,844
9	66,496	46,538	41,148	21,933		1,125	104	177,344
10	52,457	37,308	30,662	16,683		767	99	137,976
11	47,356	27,872	23,331	13,391		656	98	112,703
12 MID	36,141	18,757	20,694	10,425		344	42	86,403
TOTAL	1,332,478	837,504	679,618	433,188	30,109	1,860	3,314,758	

APPENDIX III
HOURLY DETAIL TABLES 1996

SECTION A: BUS TRANSIT BY ROUTE

RECAPITULATION, 1996 - 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	30	113	2	18	9	20	51	424	92	575
2	18	86	2	0	1	1	25	136	46	223
3	10	28	2	0	1	0	14	163	27	191
4	9	11	1	0	1	0	13	173	24	184
5	13	69	2	1	1	0	17	159	33	229
6	47	589	12	294	4	85	60	1,361	123	2,329
7	149	2,780	78	2,383	25	658	424	13,706	676	19,527
8	269	7,787	166	5,658	106	3,165	824	27,653	1,365	44,263
9	267	9,869	175	5,595	159	5,750	871	34,651	1,472	55,865
10	207	5,575	69	1,539	83	2,264	427	12,196	786	21,574
11	158	3,303	29	464	52	1,036	207	4,244	446	9,047
12 NOON	140	2,857	22	305	41	819	175	2,986	378	6,967
1 PM	144	2,638	17	260	38	546	165	2,881	364	6,325
2	148	2,617	17	195	36	438	164	2,621	365	5,871
3	154	2,811	19	178	39	593	214	2,846	426	6,428
4	172	3,042	18	113	43	478	332	3,016	565	6,649
5	196	3,150	17	96	46	505	431	4,477	690	8,228
6	167	2,911	15	89	44	378	545	4,885	771	8,263
7	147	1,952	15	33	34	222	399	4,043	595	6,250
8	110	1,227	6	15	25	154	290	1,821	431	3,217
9	119	1,107	3	10	23	157	172	1,241	317	2,515
10	100	833	4	11	22	153	137	1,017	263	2,014
11	89	666	3	1	21	118	101	955	214	1,740
12 MID	69	446	3	6	17	55	82	748	171	1,255
TOTAL	2,932	56,467	697	17,264	871	17,595	6,140	128,403	10,640	219,729

RECAPITULATION, 1996 - 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	65	665	8	152	8	151	65	1,395	146	2,363
2	24	123	2	3	1	4	30	576	57	706
3	16	90	2	1	1	2	15	271	34	364
4	7	13	2	1	1	1	8	124	18	139
5	11	25	2	0	3	12	7	175	23	212
6	20	94	2	10	8	36	21	429	51	569
7	45	432	2	31	17	98	153	2,049	217	2,610
8	113	2,145	9	116	24	132	486	4,652	632	7,045
9	176	2,792	9	85	32	165	789	5,719	1,006	8,761
10	184	1,862	14	62	41	194	415	3,533	654	5,651
11	181	1,887	15	112	33	222	198	2,237	427	4,458
12 NOON	147	2,150	16	187	40	350	151	1,870	354	4,557
1 PM	144	2,513	19	273	39	392	147	2,261	349	5,439
2	149	2,734	18	419	44	535	152	2,651	363	6,339
3	151	3,541	20	470	46	864	166	3,773	383	8,648
4	164	4,036	44	1,162	56	1,182	257	7,525	521	13,905
5	228	5,916	108	3,141	94	2,453	467	15,510	897	27,020
6	260	8,329	162	5,159	120	3,451	846	30,929	1,388	47,868
7	239	7,154	116	3,710	73	2,005	581	20,867	1,009	33,736
8	178	4,257	49	1,201	36	990	325	10,864	588	17,312
9	127	2,525	25	639	25	662	208	6,386	385	10,212
10	113	1,858	15	354	23	427	163	4,330	314	6,969
11	98	1,381	12	172	18	300	117	2,703	245	4,556
12 MID	91	1,153	9	113	18	252	99	2,189	217	3,707
TOTAL	2,931	57,675	680	17,573	801	14,880	5,866	133,018	10,278	223,146

SECTION A: BUS TRANSIT BY ROUTE

60TH STREET SECTOR, 1996 - INBOUND

HOURS	FDR DRIVE		YORK AVENUE		SECOND AVENUE		LEXINGTON AVENUE		OTHERS		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12-1 AM	0	0	2	3	2	29	4	3	0	0	4	3
2	0	0	1	0	3	17	3	3	0	0	3	3
3	0	0	0	0	2	1	3	3	0	0	3	3
4	0	0	0	0	1	3	3	4	0	0	3	4
5	0	0	0	0	4	25	3	15	0	0	3	15
6	0	0	2	26	7	114	6	56	2	38	8	94
7	0	0	7	150	24	472	12	188	3	88	15	276
8	0	0	15	698	41	1,335	28	740	12	223	40	963
9	0	0	27	1,310	38	1,654	34	1,198	9	146	43	1,344
10	0	0	13	464	29	862	28	687	4	68	32	755
11	0	0	9	180	18	519	28	517	3	68	31	585
12 NOON	0	0	6	132	17	407	18	357	2	32	20	389
1 PM	0	0	6	140	20	462	23	404	2	22	25	426
2	0	0	6	129	21	476	20	463	2	18	22	481
3	0	0	6	118	23	662	19	465	2	8	21	473
4	0	0	7	204	30	698	22	528	3	7	25	535
5	0	0	8	231	32	690	26	491	2	15	28	506
6	0	0	8	146	25	695	26	456	2	13	28	469
7	0	0	8	102	18	405	19	214	1	0	20	214
8	0	0	7	37	10	276	10	135	1	0	11	135
9	0	0	5	32	12	372	12	125	1	1	13	126
10	0	0	4	13	9	178	6	98	2	6	8	104
11	0	0	5	11	8	152	7	57	1	10	8	67
12 MID	0	0	6	17	9	118	7	25	1	3	8	28
TOTAL	0	0	158	4,143	403	10,622	367	7,232	55	766	422	7,998

HOURS	FIFTH AVENUE				BROADWAY				TOTAL			
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12-1 AM	2	2	0	0	2	2	6	14	0	0	6	14
2	2	0	0	0	2	0	4	14	0	0	4	14
3	2	3	0	0	2	3	1	2	0	0	1	2
4	2	1	0	0	2	1	2	3	0	0	2	3
5	3	3	0	0	3	3	1	2	0	0	1	2
6	3	51	10	207	13	258	10	50	0	0	10	50
7	21	304	46	1,268	67	1,572	19	145	2	39	21	184
8	40	1,032	80	2,440	120	3,472	25	764	6	134	31	898
9	55	2,181	40	1,012	95	3,193	35	1,520	4	63	39	1,583
10	43	1,267	23	508	66	1,775	38	1,073	2	43	40	1,116
11	32	747	17	286	49	1,033	26	544	2	45	28	589
12 NOON	28	689	17	263	45	952	25	490	2	39	27	529
1 PM	28	532	17	232	45	764	22	413	2	51	24	464
2	28	565	17	122	45	687	28	497	2	11	30	508
3	30	541	18	164	48	705	25	394	2	17	27	411
4	34	662	18	127	52	789	30	396	2	4	32	400
5	42	696	17	130	59	826	40	473	2	8	42	481
6	39	660	16	106	55	766	27	419	1	5	28	424
7	30	410	13	75	43	485	27	320	2	14	29	334
8	31	255	13	41	44	296	16	256	2	6	18	262
9	26	139	10	26	36	165	27	180	2	2	29	182
10	21	55	11	60	32	115	23	193	2	6	25	199
11	16	57	10	46	26	103	19	129	2	2	21	131
12 MID	9	43	8	34	17	77	12	100	1	1	13	101
TOTAL	567	10,895	401	7,147	968	18,042	488	8,391	40	490	528	8,881

SECTION A: BUS TRANSIT BY ROUTE

60TH STREET SECTOR, 1996 - INBOUND (CONTINUED)

HOURS	COLUMBUS AVENUE				OTHERS				TOTAL		WEST END AVENUE		TOTAL (60TH STREET SECTOR)			
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12-1 AM	8	43	2	17	0	0	10	60	4	2	28	96	2	17	30	113
2	3	9	2	43	0	0	5	52	0	0	16	43	2	43	18	86
3	1	1	1	18	0	0	2	19	0	0	9	10	1	18	10	28
4	1	0	0	0	0	0	1	0	0	0	9	11	0	0	9	11
5	1	2	1	22	0	0	2	24	0	0	12	47	1	22	13	69
6	6	45	0	0	0	0	6	45	1	2	35	344	12	245	47	589
7	9	99	0	0	0	0	9	99	6	27	96	1,342	53	1,438	149	2,780
8	13	248	2	18	2	53	17	319	5	102	162	4,735	107	3,052	269	7,787
9	17	395	1	39	1	29	19	463	6	322	207	8,481	60	1,388	267	9,869
10	20	386	1	31	1	29	22	446	5	157	174	4,888	33	687	207	5,575
11	14	270	2	28	1	40	17	338	6	59	133	2,836	25	467	158	3,303
12 NOON	12	211	6	135	1	48	19	394	6	54	112	2,340	28	517	140	2,857
1 PM	11	180	4	72	2	67	17	319	7	63	117	2,194	27	444	144	2,638
2	14	215	5	76	0	0	19	291	5	45	122	2,390	26	227	148	2,617
3	16	257	4	63	3	64	23	384	6	58	125	2,495	29	316	154	2,811
4	15	280	4	99	0	0	19	379	7	37	145	2,805	27	237	172	3,042
5	15	270	5	74	2	37	22	381	5	35	168	2,886	28	264	196	3,150
6	13	319	4	57	0	0	17	376	6	35	144	2,730	23	181	167	2,911
7	14	227	7	110	2	48	23	385	6	27	122	1,705	25	247	147	1,952
8	11	147	2	46	0	0	13	193	7	28	92	1,134	18	93	110	1,227
9	14	144	4	53	1	19	19	216	5	14	101	1,006	18	101	119	1,107
10	12	131	6	84	0	0	18	215	4	9	79	677	21	156	100	833
11	11	128	2	31	2	29	15	188	6	14	72	548	17	118	89	666
12 MID	9	59	3	42	0	0	12	101	4	4	56	366	13	80	69	446
TOTAL	260	4,066	68	1,158	18	463	346	5,687	107	1,094	2,336	46,109	596	10,358	2,932	56,467

60TH STREET SECTOR, 1996 - OUTBOUND

HOURS	FDR DRIVE		YORK AVENUE		FIRST AVENUE		THIRD AVENUE		OTHERS		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12-1 AM	0	0	6	13	7	93	6	32	1	9	7	41
2	0	0	1	0	5	33	3	15	0	0	3	15
3	0	0	0	0	3	11	3	4	0	0	3	4
4	0	0	0	0	1	2	3	8	0	0	3	8
5	0	0	0	0	2	6	3	6	0	0	3	6
6	0	0	1	2	3	38	4	26	0	0	4	26
7	0	0	4	29	5	97	6	56	0	0	6	56
8	0	0	5	90	16	611	14	442	2	10	16	452
9	0	0	6	132	30	731	27	522	3	7	30	529
10	0	0	6	65	32	426	34	377	2	7	36	384
11	0	0	5	78	29	336	27	313	2	3	29	316
12 NOON	0	0	6	97	16	334	22	373	2	5	24	378
1 PM	0	0	6	105	21	411	22	458	2	23	24	481
2	0	0	5	90	20	421	19	446	2	24	21	470
3	0	0	6	116	22	733	21	477	3	53	24	530
4	0	0	6	140	21	477	18	558	3	50	21	608
5	0	0	8	187	34	804	29	730	6	72	35	802
6	0	0	9	272	30	1,061	28	880	10	175	38	1,055
7	0	0	15	501	39	969	34	1,054	5	80	39	1,134
8	0	0	10	252	23	503	21	522	3	53	24	575
9	0	0	6	180	15	338	13	322	2	45	15	367
10	0	0	7	125	11	225	10	217	2	28	12	245
11	0	0	6	67	12	195	9	155	2	30	11	185
12 MID	0	0	4	22	10	102	9	117	2	20	11	137
TOTAL	0	0	128	2,563	407	8,957	385	8,110	54	694	439	8,804

SECTION A: BUS TRANSIT BY ROUTE

60TH STREET SECTOR, 1996 - OUTBOUND

(CONTINUED)

----- MADISON AVENUE -----						----- EIGHTH AVENUE -----						BROADWAY			
HOURS	MABSTOA		OTHERS		TOTAL		MABSTOA		OTHERS		TOTAL		MABSTOA		
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	
12-1 AM	6	48	10	146	16	194	13	186	1	5	14	191	6	68	
2	3	7	0	0	3	7	6	40	0	0	6	40	4	28	
3	2	4	0	0	2	4	4	20	0	0	4	20	2	5	
4	2	0	0	0	2	0	1	3	0	0	1	3	0	0	
5	2	0	0	0	2	0	1	3	0	0	1	3	1	3	
6	2	1	1	1	3	2	2	1	0	0	2	1	2	4	
7	4	97	3	9	7	106	7	51	0	0	7	51	4	7	
8	26	467	13	69	39	536	11	163	2	3	13	166	8	48	
9	44	657	20	82	64	739	16	198	2	1	18	199	11	86	
10	38	465	20	56	58	521	14	200	2	6	16	206	17	78	
11	33	471	18	93	51	564	25	299	2	4	27	303	23	115	
12 NOON	31	524	17	137	48	661	20	255	2	9	22	264	14	151	
1 PM	28	541	17	157	45	698	19	363	2	8	21	371	10	187	
2	33	580	18	228	51	808	18	394	2	16	20	410	13	254	
3	33	811	18	322	51	1,133	18	384	3	59	21	443	13	325	
4	28	771	28	674	56	1,445	20	547	2	25	22	572	16	459	
5	36	1,137	48	1,327	84	2,464	26	637	5	76	31	713	16	576	
6	37	1,594	76	2,229	113	3,823	26	740	7	184	33	924	17	687	
7	47	1,546	38	1,166	85	2,712	26	827	3	83	29	910	14	511	
8	38	839	25	657	63	1,496	22	492	2	30	24	522	17	531	
9	28	451	17	434	45	885	20	291	2	34	22	325	12	291	
10	23	225	12	288	35	513	18	279	2	19	20	298	10	220	
11	21	174	11	208	32	382	15	241	2	56	17	297	9	153	
12 MID	16	148	11	183	27	331	16	364	2	12	18	376	12	150	
TOTAL	561	11,558	421	8,466	982	20,024	364	6,978	45	630	409	7,608	251	4,937	

----- AMSTERDAM AVENUE -----								WEST END AVENUE				----- TOTAL (60TH STREET SECT			
HOURS	MABSTOA		PORT AUTHORITY		OTHERS		TOTAL		MABSTOA		LOCAL BUSES		EXPRESS BUSES A		
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	
12-1 AM	2	10	2	45	0	0	4	55	5	10	51	460	14	205	
2	0	0	0	0	0	0	0	0	2	0	24	123	0	0	
3	0	0	2	46	0	0	2	46	0	0	14	44	2	46	
4	0	0	0	0	0	0	0	0	0	0	7	13	0	0	
5	2	7	0	0	0	0	2	7	0	0	11	25	0	0	
6	3	12	0	0	1	6	4	18	1	3	18	87	2	7	
7	5	45	3	41	0	0	8	86	4	0	39	382	6	50	
8	6	115	3	64	1	33	10	212	6	30	92	1,966	21	179	
9	6	208	5	128	1	27	12	363	5	13	145	2,547	31	245	
10	8	97	4	55	1	14	13	166	6	16	155	1,724	29	138	
11	7	104	3	40	1	14	11	158	6	17	155	1,733	26	154	
12 NOON	6	104	5	112	1	20	12	236	5	29	120	1,867	27	283	
1 PM	6	111	4	83	1	14	11	208	6	52	118	2,228	26	285	
2	7	121	5	107	1	27	13	255	6	26	121	2,332	28	402	
3	6	132	3	51	2	41	11	224	3	37	122	3,015	29	526	
4	7	199	5	65	1	11	13	275	9	60	125	3,211	39	825	
5	6	164	5	82	2	33	13	279	7	91	161	4,316	67	1,600	
6	7	220	5	107	3	78	15	405	5	102	155	5,516	105	2,813	
7	6	165	4	85	1	34	11	284	7	133	184	5,652	55	1,502	
8	7	149	3	80	2	68	12	297	5	81	141	3,349	37	908	
9	6	84	1	19	0	0	7	103	5	36	105	1,993	22	532	
10	6	59	4	97	1	23	11	179	7	53	92	1,403	21	455	
11	6	72	0	0	0	0	6	72	5	30	83	1,087	15	294	
12 MID	4	17	0	0	0	0	4	17	5	18	76	938	15	215	
TOTAL	119	2,195	66	1,307	20	443	205	3,945	110	837	2,314	46,011	617	11,664	

SECTION A: BUS TRANSIT BY ROUTE

BROOKLYN SECTOR, 1996 - INBOUND

HOURS	WILLIAMSBURG BR.		MANHATTAN BR.		BROOKLYN BATTERY TUNNEL		OTHERS		TOTAL		LOCAL BUSES		EXPRESS BUSES		ALL BUSES	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12-1 AM	2	18	0	0	0	0	0	0	0	0	2	18	0	0	2	18
2	2	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0
3	2	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0
4	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
5	2	1	0	0	0	0	0	0	0	0	2	1	0	0	2	1
6	2	13	0	0	4	147	6	134	10	281	2	13	10	281	12	294
7	5	38	2	62	29	1,146	42	1,137	71	2,283	7	100	71	2,283	78	2,383
8	5	57	4	99	99	3,713	58	1,789	157	5,502	9	156	157	5,502	166	5,658
9	5	68	4	102	131	4,655	35	770	166	5,425	9	170	166	5,425	175	5,595
10	5	61	3	53	38	1,084	23	341	61	1,425	8	114	61	1,425	69	1,539
11	5	48	2	33	10	179	12	204	22	383	7	81	22	383	29	464
12 NOON	4	27	2	30	9	142	7	106	16	248	6	57	16	248	22	305
1 PM	3	46	1	20	7	100	6	94	13	194	4	66	13	194	17	260
2	4	32	2	31	4	87	7	45	11	132	6	63	11	132	17	195
3	4	24	2	25	6	77	7	52	13	129	6	49	13	129	19	178
4	4	18	4	27	5	43	5	25	10	68	8	45	10	68	18	113
5	6	17	4	28	2	24	5	27	7	51	10	45	7	51	17	96
6	4	20	5	36	2	16	4	17	6	33	9	56	6	33	15	89
7	6	9	3	12	2	5	4	7	6	12	9	21	6	12	15	33
8	3	6	1	1	1	8	1	0	2	8	4	7	2	8	6	15
9	3	10	0	0	0	0	0	0	0	0	3	10	0	0	3	10
10	3	5	0	0	0	0	1	6	1	6	3	5	1	6	4	11
11	3	1	0	0	0	0	0	0	0	0	3	1	0	0	3	1
12 MID	3	6	0	0	0	0	0	0	0	0	3	6	0	0	3	6
TOTAL	86	525	39	559	349	11,426	223	4,754	572	16,180	125	1,084	572	16,180	697	17,264

BROOKLYN SECTOR, 1996 - OUTBOUND

HOURS	WILLIAMSBURG BRIDGE		OTHERS		TOTAL		MANHATTAN BR.		BROOKLYN BATTERY TUNNEL		TOTAL		LOCAL BUSES		EXPRESS BUSES		ALL BUSES				
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS			
12-1 AM	2	3	0	0	2	3	0	0	3	96	3	53	6	149	2	3	6	149	8	152	
2	2	3	0	0	2	3	0	0	0	0	0	0	0	2	3	0	0	2	3	2	3
3	2	1	0	0	2	1	0	0	0	0	0	0	0	2	1	0	0	2	1	2	1
4	2	1	0	0	2	1	0	0	0	0	0	0	0	2	1	0	0	2	1	2	1
5	2	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	2	0	2	0
6	2	10	0	0	2	10	0	0	0	0	0	0	0	2	10	0	0	2	10	2	10
7	2	31	0	0	2	31	0	0	0	0	0	0	0	2	31	0	0	2	31	2	31
8	5	88	0	0	5	88	4	28	0	0	0	0	0	9	116	0	0	9	116	9	116
9	5	54	0	0	5	54	4	31	0	0	0	0	0	9	85	0	0	9	85	9	85
10	5	33	0	0	5	33	4	18	0	0	5	11	5	11	9	51	5	11	14	62	
11	5	67	0	0	5	67	2	15	1	9	7	21	8	30	7	82	8	30	15	112	
12 NOON	4	55	0	0	4	55	1	6	5	76	6	50	11	126	5	61	11	126	16	187	
1 PM	4	66	0	0	4	66	3	50	6	92	6	65	12	157	7	116	12	157	19	273	
2	4	93	0	0	4	93	1	22	6	162	7	142	13	304	5	115	13	304	18	419	
3	4	81	0	0	4	81	2	35	6	160	8	194	14	354	6	116	14	354	20	470	
4	5	104	1	12	6	116	3	68	23	705	12	273	35	978	8	172	36	990	44	1,162	
5	5	129	3	95	8	224	4	146	60	1,979	36	792	96	2,771	9	275	99	2,866	108	3,141	
6	5	155	5	146	10	301	6	220	103	3,675	43	963	146	4,638	11	375	151	4,784	162	5,159	
7	5	95	2	59	7	154	3	105	79	2,988	27	463	106	3,451	8	200	108	3,510	116	3,710	
8	3	71	0	0	3	71	2	47	23	857	21	226	44	1,083	5	118	44	1,083	49	1,201	
9	3	70	0	0	3	70	0	0	12	422	10	147	22	569	3	70	22	569	25	639	
10	3	33	0	0	3	33	0	0	7	240	5	81	12	321	3	33	12	321	15	354	
11	3	19	0	0	3	19	0	0	4	109	5	44	9	153	3	19	9	153	12	172	
12 MID	4	18	0	0	4	18	0	0	2	50	3	45	5	95	4	18	5	95	9	113	
TOTAL	86	1,280	11	312	97	1,592	39	791	340	11,620	204	3,570	544	15,190	125	2,071	555	15,502	680	17,573	

SECTION A: BUS TRANSIT BY ROUTE

QUEENS SECTOR, 1996 - INBOUND

HOURS	----- QUEENS MIDTOWN TUNNEL -----						----- QUEENSBORO BRIDGE -----						----- TOTAL (QUEENS SECTOR) -----					
	MTA NYC TRANSIT		OTHERS		TOTAL		MABSTOA		OTHERS		TOTAL		LOCAL BUSES		EXPRESS BUSES		ALL BUSES	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12-1 AM	0	0	3	7	3	7	2	4	4	9	6	13	6	13	3	7	9	20
2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1
3	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1	0
4	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1	0
5	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1	0
6	0	0	0	0	0	0	0	0	4	85	4	85	4	85	0	0	4	85
7	2	49	9	227	11	276	4	120	10	262	14	382	14	382	11	276	25	658
8	11	382	66	2,094	77	2,476	7	228	22	461	29	689	29	689	77	2,476	106	3,165
9	11	427	122	4,753	133	5,180	9	338	17	232	26	570	26	570	133	5,180	159	5,750
10	3	84	63	1,888	66	1,972	6	173	11	119	17	292	17	292	66	1,972	83	2,264
11	1	15	34	687	35	702	6	191	11	143	17	334	17	334	35	702	52	1,036
12 NOON	0	0	24	494	24	494	6	129	11	196	17	325	17	325	24	494	41	819
1 PM	0	0	22	333	22	333	5	98	11	115	16	213	16	213	22	333	38	546
2	0	0	22	216	22	216	4	93	10	129	14	222	14	222	22	216	36	438
3	0	0	21	240	21	240	6	137	12	216	18	353	18	353	21	240	39	593
4	0	0	24	290	24	290	5	72	14	116	19	188	19	188	24	290	43	478
5	0	0	28	351	28	351	5	53	13	101	18	154	18	154	28	351	46	505
6	0	0	22	233	22	233	7	41	15	104	22	145	22	145	22	233	44	378
7	0	0	16	118	16	118	7	28	11	76	18	104	18	104	16	118	34	222
8	0	0	10	84	10	84	5	23	10	47	15	70	15	70	10	84	25	154
9	0	0	12	112	12	112	5	17	6	28	11	45	11	45	12	112	23	157
10	0	0	12	113	12	113	5	14	5	26	10	40	10	40	12	113	22	153
11	0	0	10	70	10	70	6	18	5	30	11	48	11	48	10	70	21	118
12 MID	0	0	9	32	9	32	2	12	6	11	8	23	8	23	9	32	17	55
TOTAL	28	957	529	12,342	557	13,299	102	1,789	212	2,507	314	4,296	314	4,296	557	13,299	871	17,595

QUEENS SECTOR, 1996 - OUTBOUND

HOURS	----- QUEENS MIDTOWN TUNNEL -----						----- QUEENSBORO BRIDGE -----						----- TOTAL (QUEENS SECTOR) -----					
	MTA NYC TRANSIT		OTHERS		TOTAL		MABSTOA		OTHERS		TOTAL		LOCAL BUSES		EXPRESS BUSES		ALL BUSES	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12-1 AM	0	0	0	0	0	0	0	0	8	151	8	151	5	139	3	12	8	151
2	0	0	0	0	0	0	0	0	1	4	1	4	1	4	0	0	1	4
3	0	0	0	0	0	0	0	0	1	2	1	2	1	2	0	0	1	2
4	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1
5	0	0	2	11	2	11	0	0	1	1	1	1	1	1	2	11	3	12
6	0	0	3	23	3	23	2	1	3	12	5	13	5	13	3	23	8	36
7	0	0	7	71	7	71	4	15	6	12	10	27	10	27	7	71	17	98
8	0	0	9	51	9	51	4	30	11	51	15	81	15	81	9	51	24	132
9	0	0	7	68	7	68	6	32	19	65	25	97	17	90	15	75	32	165
10	0	0	12	123	12	123	5	25	24	46	29	71	15	58	26	136	41	194
11	0	0	7	68	7	68	6	62	20	92	26	154	17	125	16	97	33	222
12 NOON	0	0	14	150	14	150	6	71	20	129	26	200	17	161	23	189	40	350
1 PM	0	0	12	142	12	142	5	87	22	163	27	250	16	178	23	214	39	392
2	0	0	18	266	18	266	7	99	19	170	26	269	17	179	27	356	44	535
3	0	0	20	319	20	319	4	110	22	435	26	545	15	323	31	541	46	864
4	0	0	17	292	17	292	6	204	33	686	39	890	20	495	36	687	56	1,182
5	7	134	20	312	27	446	7	208	60	1,799	67	2,007	23	577	71	1,876	94	2,453
6	8	207	19	344	27	551	5	231	88	2,669	93	2,900	25	822	95	2,629	120	3,451
7	5	83	12	160	17	243	10	378	46	1,384	56	1,762	24	676	49	1,329	73	2,005
8	1	13	8	140	9	153	7	176	20	661	27	837	17	511	19	479	36	990
9	1	7	4	30	5	37	7	152	13	473	20	625	14	428	11	234	25	662
10	1	5	5	46	6	51	6	105	11	271	17	376	12	233	11	194	23	427
11	0	0	4	2	4	2	4	64	10	234	14	298	9	190	9	110	18	300
12 MID	0	0	5	6	5	6	2	47	11	199	13	246	8	191	10	61	18	252
TOTAL	23	449	205	2,624	228	3,073	103	2,097	470	9,710	573	11,807	305	5,505	496	9,375	801	14,880

SECTION A: BUS TRANSIT BY ROUTE

NEW JERSEY SECTOR, 1996 - INBOUND

HOURS	----- HOLLAND TUNNEL -----						----- LINCOLN TUNNEL -----						TOTAL (N. J. SECTOR)	
	PORT AUTHORITY		OTHERS		TOTAL		PORT AUTHORITY		OTHERS		TOTAL		BUSES	PSGRS
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12-1 AM	0	0	3	18	3	18	45	381	3	25	48	406	51	424
2	0	0	2	5	2	5	15	112	8	19	23	131	25	136
3	0	0	1	8	1	8	12	142	1	13	13	155	14	163
4	0	0	0	0	0	0	11	167	2	6	13	173	13	173
5	0	0	1	0	1	0	8	128	8	31	16	159	17	159
6	0	0	5	30	5	30	30	759	25	572	55	1,331	60	1,361
7	0	0	32	1,006	32	1,006	192	6,090	200	6,610	392	12,700	424	13,706
8	1	21	59	2,286	60	2,307	603	21,413	161	3,933	764	25,346	824	27,653
9	0	0	59	2,533	59	2,533	749	27,667	63	4,451	812	32,118	871	34,651
10	0	0	19	661	19	661	316	8,941	92	2,594	408	11,535	427	12,196
11	0	0	10	160	10	160	147	3,606	50	478	197	4,084	207	4,244
12 NOON	0	0	10	100	10	100	114	2,693	51	193	165	2,886	175	2,986
1 PM	0	0	9	95	9	95	104	2,085	52	701	156	2,786	165	2,881
2	0	0	9	98	9	98	103	1,681	52	842	155	2,523	164	2,621
3	0	0	13	110	13	110	115	1,552	86	1,184	201	2,736	214	2,846
4	0	0	29	193	29	193	178	1,747	125	1,076	303	2,823	332	3,016
5	0	0	36	215	36	215	268	2,212	127	2,050	395	4,262	431	4,477
6	0	0	15	100	15	100	507	2,308	23	2,477	530	4,785	545	4,885
7	0	0	13	100	13	100	305	1,686	81	2,257	386	3,943	399	4,043
8	0	0	18	98	18	98	191	1,481	81	242	272	1,723	290	1,821
9	0	0	12	110	12	110	130	1,002	30	129	160	1,131	172	1,241
10	0	0	6	18	6	18	115	922	16	77	131	999	137	1,017
11	0	0	6	18	6	18	90	890	5	47	95	937	101	955
12 MID	0	0	2	20	2	20	68	660	12	68	80	728	82	748
TOTAL	1	21	369	7,982	370	8,003	4,416	90,325	1,354	30,075	5,770	120,400	6,140	128,403

NEW JERSEY SECTOR, 1996 - OUTBOUND

HOURS	----- HOLLAND TUNNEL -----						----- LINCOLN TUNNEL -----						TOTAL (N. J. SECTOR)	
	PORT AUTHORITY		OTHERS		TOTAL		PORT AUTHORITY		OTHERS		TOTAL		BUSES	PSGRS
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12-1 AM	0	0	0	0	0	0	51	1,039	14	356	65	1,395	65	1,395
2	0	0	0	0	0	0	19	327	11	249	30	576	30	576
3	0	0	0	0	0	0	10	131	5	140	15	271	15	271
4	0	0	0	0	0	0	7	71	1	53	8	124	8	124
5	0	0	0	0	0	0	5	60	2	115	7	175	7	175
6	0	0	4	63	4	63	10	115	7	251	17	366	21	429
7	0	0	20	201	20	201	110	1,193	23	655	133	1,848	153	2,049
8	0	0	25	407	25	407	371	2,402	90	1,843	461	4,245	486	4,652
9	1	5	21	431	22	436	641	2,393	126	2,890	767	5,283	789	5,719
10	0	0	18	346	18	346	332	1,458	65	1,729	397	3,187	415	3,533
11	0	0	18	154	18	154	151	1,391	29	692	180	2,083	198	2,237
12 NOON	0	0	19	139	19	139	107	1,280	25	451	132	1,731	151	1,870
1 PM	0	0	19	157	19	157	102	1,601	26	503	128	2,104	147	2,261
2	0	0	19	190	19	190	108	1,830	25	631	133	2,461	152	2,651
3	0	0	25	348	25	348	116	2,424	25	1,001	141	3,425	166	3,773
4	0	0	25	373	25	373	184	5,111	48	2,041	232	7,152	257	7,525
5	0	0	31	871	31	871	336	10,278	100	4,361	436	14,639	467	15,510
6	0	0	31	1,068	31	1,068	633	22,010	182	7,851	815	29,861	846	30,929
7	0	0	30	861	30	861	449	15,789	102	4,217	551	20,006	581	20,867
8	0	0	25	380	25	380	248	8,122	52	2,362	300	10,484	325	10,864
9	0	0	20	197	20	197	158	5,061	30	1,128	188	6,189	208	6,386
10	0	0	9	144	9	144	130	3,493	24	693	154	4,186	163	4,330
11	0	0	4	52	4	52	90	2,084	23	567	113	2,651	117	2,703
12 MID	0	0	4	33	4	33	76	1,718	19	438	95	2,156	99	2,189
TOTAL	1	5	367	6,415	368	6,420	4,444	91,381	1,054	35,217	5,498	126,598	5,866	133,018

SECTION B: RAIL RAPID TRANSIT BY LINE

RECAPITULATION, 1996 - 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 B: RAIL RAPID TRANSIT BY LINE

MTA NYC TRANSIT RECAPITULATION, 1996 - INBOUND

HOURS	--60TH STREET SECTOR--			--BROOKLYN SECTOR--			--QUEENS SECTOR--			--ALL SECTORS--		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS
12-1 AM	26	246	3,581	32	264	1,538	13	120	705	71	630	5,824
2	21	196	1,648	22	194	634	12	117	416	55	507	2,698
3	22	202	1,163	23	196	544	14	125	391	59	523	2,098
4	20	192	1,285	25	218	869	12	113	396	57	523	2,550
5	21	198	2,166	21	182	1,660	12	113	1,245	54	493	5,071
6	30	281	8,692	34	296	9,513	18	168	6,912	82	745	25,117
7	60	565	29,379	75	655	35,977	40	371	24,981	175	1,591	90,337
8	87	825	80,439	124	1,071	98,731	65	607	63,307	276	2,503	242,477
9	110	1,053	131,547	146	1,248	142,728	80	742	92,658	336	3,043	366,933
10	79	757	67,109	118	1,037	77,000	56	525	45,779	253	2,319	189,888
11	71	669	31,840	97	825	33,624	42	381	24,688	210	1,875	90,152
12 NOON	77	738	27,268	90	746	24,675	44	403	17,973	211	1,887	69,916
1 PM	77	732	25,145	86	723	20,963	38	347	13,940	201	1,802	60,048
2	77	732	27,180	86	724	19,628	38	345	12,694	201	1,801	59,502
3	76	723	29,096	91	775	18,927	43	392	14,275	210	1,890	62,298
4	78	742	38,043	96	841	22,342	49	456	16,067	223	2,039	76,452
5	101	959	41,397	127	1,109	26,444	63	582	21,081	291	2,650	88,922
6	98	934	42,048	125	1,093	24,337	66	623	19,390	289	2,650	85,775
7	71	671	27,526	106	921	14,398	51	478	10,733	228	2,070	52,657
8	67	633	20,395	104	911	9,919	45	416	7,025	216	1,960	37,339
9	62	586	14,377	76	678	6,230	40	369	4,331	178	1,633	24,938
10	48	449	10,250	61	527	5,066	33	309	3,655	142	1,285	18,971
11	43	405	9,425	54	454	4,640	31	292	3,370	128	1,151	17,435
12 MID	28	258	7,606	42	340	3,020	23	219	1,974	93	817	12,600
TOTAL	1,450	13,746	678,605	1,861	16,028	603,407	928	8,613	407,986	4,239	38,387	1,689,998

MTA NYC TRANSIT RECAPITULATION, 1996 - OUTBOUND

HOURS	--60TH STREET SECTOR--			--BROOKLYN SECTOR--			--QUEENS SECTOR--			--ALL SECTORS--		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS
12-1 AM	21	194	7,641	27	236	7,055	17	157	5,387	65	587	20,083
2	14	134	2,901	27	234	3,340	12	113	2,776	53	481	9,017
3	16	150	2,097	22	196	1,578	12	113	1,167	50	459	4,842
4	13	126	1,055	23	200	945	13	121	667	49	447	2,667
5	15	138	1,130	22	190	1,025	12	113	658	49	441	2,813
6	18	168	2,764	31	278	2,132	14	138	998	63	584	5,894
7	40	380	11,378	67	594	6,915	30	281	6,468	137	1,255	24,761
8	65	613	30,803	112	978	16,481	52	486	13,781	229	2,077	61,065
9	94	882	38,397	129	1,119	19,480	63	592	12,788	286	2,593	70,665
10	120	1,147	30,350	132	1,156	15,140	72	667	8,532	324	2,970	54,022
11	81	772	21,864	99	849	10,860	45	413	5,785	225	2,034	38,509
12 NOON	80	763	21,046	88	734	11,907	44	400	7,133	212	1,897	40,086
1 PM	75	708	21,436	86	728	15,264	41	370	9,743	202	1,806	46,443
2	72	690	24,199	88	736	19,353	38	343	11,455	198	1,769	55,007
3	77	731	31,318	88	744	25,605	41	378	14,110	206	1,853	71,033
4	67	632	38,304	91	782	37,084	44	399	23,345	202	1,813	98,733
5	79	747	56,289	119	1,036	63,579	57	527	39,265	255	2,310	159,133
6	93	879	89,926	143	1,240	101,638	63	590	63,801	299	2,709	255,365
7	89	854	79,227	116	1,002	77,583	61	571	57,171	266	2,427	213,981
8	76	719	43,935	99	849	47,538	52	477	36,152	227	2,045	127,625
9	60	565	27,000	84	733	30,841	42	392	25,123	186	1,690	82,964
10	52	491	18,613	63	540	22,674	36	331	17,032	151	1,362	58,319
11	49	459	14,925	52	434	15,285	31	292	11,723	132	1,185	41,933
12 MID	33	312	9,861	41	316	9,629	27	250	10,203	101	878	29,693
TOTAL	1,399	13,254	626,459	1,849	15,904	562,931	919	8,514	385,263	4,167	37,672	1,574,653

SECTION B: RAIL RAPID TRANSIT BY LINE

60TH STREET SECTOR, 1996 - INBOUND

HOURS	LEXINGTON AVE EXPRESS 86 ST / LEXINGTON AVE VIA 4, 5, 6 LINES			LEXINGTON AVE LOCAL 68 ST / LEXINGTON AVE VIA 4, 6 LINES			EIGHTH AVE EXPRESS 125TH ST / ST NICOLAS VIA A, D LINES			EIGHTH AVE LOCAL 72ND ST / CENT PK WEST VIA A, B, C, D LINES		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS
12-1 AM	4	40	755	5	50	1,083	8	68	440	3	28	269
2	3	30	346	3	30	431	7	58	279	2	18	83
3	3	30	250	3	30	255	6	48	215	4	34	179
4	3	30	320	3	30	341	6	52	236	2	20	109
5	3	30	470	3	30	446	6	52	522	4	36	305
6	7	70	2,612	5	50	1,116	6	48	1,625	3	24	431
7	16	160	9,232	7	70	3,536	12	101	6,843	6	50	1,542
8	21	210	21,260	10	100	9,398	14	116	17,466	11	98	6,348
9	23	230	33,644	23	230	27,308	18	154	19,633	12	108	8,983
10	17	170	14,109	13	130	15,265	10	86	7,256	12	108	5,281
11	13	130	6,599	11	110	5,711	12	98	5,178	12	108	1,949
12 NOON	16	160	5,804	13	130	6,227	12	107	4,516	12	108	1,403
1 PM	16	160	5,524	11	110	5,255	12	100	3,798	12	108	1,226
2	17	170	5,612	13	130	6,623	12	100	4,403	12	108	1,259
3	17	170	5,454	13	130	7,140	12	101	4,348	11	98	1,331
4	16	160	8,128	12	120	8,894	14	120	5,895	11	98	1,860
5	22	220	9,019	18	180	11,111	18	150	5,599	13	118	2,330
6	19	190	7,845	16	160	11,277	19	164	6,225	14	128	2,313
7	13	130	5,235	12	120	6,015	12	100	3,782	12	108	1,701
8	12	120	3,796	10	100	4,567	14	121	2,697	11	98	1,058
9	13	130	2,681	7	70	3,093	13	112	1,848	10	90	754
10	7	70	1,807	6	60	2,058	11	94	1,116	5	40	403
11	6	60	1,295	7	70	3,135	10	84	1,077	6	54	496
12 MID	4	40	2,480	2	20	917	10	84	792	4	34	492
TOTAL	291	2,910	154,277	226	2,260	141,202	274	2,318	105,789	204	1,822	42,105

HOURS	B'WAY/7TH AVE EXPRESS 72ND ST / BROADWAY VIA 2, 3 LINES			B'WAY/7TH AVE LOCAL 66TH ST / BROADWAY VIA 1, 9 LINES			TOTAL (60TH STREET SECTOR)		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS
12-1 AM	3	30	515	3	30	519	26	246	3,581
2	3	30	290	3	30	219	21	196	1,648
3	3	30	126	3	30	138	22	202	1,163
4	3	30	152	3	30	127	20	192	1,285
5	3	30	288	2	20	135	21	198	2,166
6	5	49	1,269	4	40	1,639	30	281	8,692
7	12	114	5,294	7	70	2,932	60	565	29,379
8	19	181	17,869	12	120	8,098	87	825	80,439
9	17	161	23,959	17	170	18,020	110	1,053	131,547
10	15	143	15,671	12	120	9,527	79	757	67,109
11	15	143	7,124	8	80	5,279	71	669	31,840
12 NOON	12	113	4,404	12	120	4,914	77	738	27,268
1 PM	13	124	4,294	13	130	5,048	77	732	25,145
2	12	114	4,192	11	110	5,091	77	732	27,180
3	11	104	4,179	12	120	6,644	76	723	29,096
4	13	124	5,837	12	120	7,429	78	742	38,043
5	17	161	6,623	13	130	6,715	101	959	41,397
6	16	152	7,644	14	140	6,744	98	934	42,048
7	14	133	5,775	8	80	5,018	71	671	27,526
8	11	104	3,550	9	90	4,727	67	633	20,395
9	11	104	2,441	8	80	3,560	62	586	14,377
10	11	105	1,790	8	80	3,076	48	449	10,250
11	8	77	1,297	6	60	2,125	43	405	9,425
12 MID	3	30	715	5	50	2,210	28	258	7,606
TOTAL	250	2,386	125,298	205	2,050	109,934	1,450	13,746	678,605

SECTION B: RAIL RAPID TRANSIT BY LINE

60TH STREET SECTOR, 1996 - OUTBOUND

HOURS	LEXINGTON AVE EXPRESS 59 ST / LEXINGTON AVE VIA 4, 5 LINES			LEXINGTON AVE LOCAL 59 ST / LEXINGTON AVE VIA 4, 6 LINES			EIGHTH AVE EXPRESS 59 ST / COLUMBUS CIRCLE VIA A, D LINES			EIGHTH AVE LOCAL 59 ST / COLUMBUS CIRCLE VIA A, B, C, D LINES		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS
12-1 AM	3	30	767	4	40	1,406	4	32	1,526	4	32	1,370
2	1	10	126	3	30	708	1	8	139	4	36	492
3	0	0	0	3	30	520	4	32	462	3	28	304
4	0	0	0	3	30	241	1	8	102	3	28	284
5	0	0	0	3	30	298	4	32	248	3	26	203
6	1	10	324	3	30	807	3	24	259	4	34	386
7	8	80	2,776	7	70	3,611	8	68	1,074	8	72	934
8	14	140	9,470	7	70	8,398	12	100	2,769	11	100	1,158
9	20	200	9,022	10	100	10,592	23	194	3,943	12	106	2,154
10	25	250	5,028	26	260	11,786	20	169	2,408	16	146	1,507
11	20	200	3,893	11	110	6,968	13	110	2,528	10	90	1,208
12 NOON	19	190	3,979	11	110	5,889	11	94	2,649	14	126	1,333
1 PM	16	160	4,629	11	110	4,225	12	96	3,972	12	108	1,351
2	16	160	5,105	13	130	5,215	10	83	4,112	10	92	1,224
3	16	160	7,088	11	110	4,901	13	110	5,488	12	108	1,877
4	18	180	10,057	2	20	2,487	12	100	8,116	11	98	2,355
5	16	160	13,766	12	120	9,674	12	99	10,055	14	126	4,014
6	18	180	21,898	12	120	16,699	17	140	15,766	12	108	5,622
7	23	230	19,220	21	210	20,804	11	92	10,235	9	80	3,880
8	16	160	10,482	7	70	8,177	12	101	7,532	13	116	2,601
9	13	130	5,671	9	90	6,696	11	90	4,810	6	52	827
10	11	110	4,688	8	80	3,369	11	94	3,180	4	32	449
11	10	100	3,054	7	70	2,701	10	84	2,783	5	40	552
12 MID	6	60	1,749	4	40	1,157	5	40	1,452	5	44	912
TOTAL	290	2,900	142,792	208	2,080	137,329	240	2,000	95,608	205	1,828	36,997

HOURS	B'WAY/7TH AVE EXPRESS TIMES SQUARE VIA 2, 3 LINES			B'WAY/7TH AVE LOCAL 69TH ST / BROADWAY VIA 1, 9 LINES			TOTAL (60TH STREET SECTOR)		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS
12-1 AM	3	30	1,254	3	30	1,318	21	194	7,641
2	2	20	405	3	30	1,031	14	134	2,901
3	2	20	221	4	40	590	16	150	2,097
4	3	30	234	3	30	194	13	126	1,055
5	3	30	251	2	20	130	15	138	1,130
6	3	30	556	4	40	432	18	168	2,764
7	4	40	1,328	5	50	1,655	40	380	11,378
8	13	123	4,907	8	80	4,101	65	613	30,803
9	17	162	7,158	12	120	5,528	94	882	38,397
10	15	142	4,595	18	180	5,026	120	1,147	30,350
11	16	152	3,804	11	110	3,463	81	772	21,864
12 NOON	13	123	3,242	12	120	3,954	80	763	21,046
1 PM	12	114	3,696	12	120	3,563	75	708	21,436
2	11	105	4,480	12	120	4,063	72	690	24,199
3	13	123	6,226	12	120	5,738	77	731	31,318
4	12	114	7,331	12	120	7,958	67	632	38,304
5	15	142	10,658	10	100	8,122	79	747	56,289
6	20	191	17,370	14	140	12,571	93	879	89,926
7	15	142	12,554	10	100	12,534	89	854	79,227
8	17	162	7,641	11	110	7,502	76	719	43,935
9	13	123	4,713	8	80	4,283	60	565	27,000
10	10	95	3,085	8	80	3,842	52	491	18,613
11	10	95	2,451	7	70	3,384	49	459	14,925
12 MID	7	68	1,882	6	60	2,709	33	312	9,861
TOTAL	249	2,376	110,042	207	2,070	103,691	1,399	13,254	626,459

SECTION B: RAIL RAPID TRANSIT BY LINE

BROOKLYN SECTOR, 1996-INBOUND

HOURS	BMT(14TH ST TUNNEL) BEDFORD AVENUE VIA L LINES			BMT (WILLIAMSBURG BR) MARCY AVENUE VIA J, M, Z LINES			IND (RUTGERS TUNNEL) YORK AVENUE VIA F LINE			BMT (MANHATTAN BRIDGE) DEKALB AVENUE VIA B, D, Q LINES		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS
12-1 AM	3	24	170	3	24	87	4	32	208	8	54	191
2	2	16	61	3	24	34	3	24	88	2	16	66
3	3	24	41	3	24	44	2	16	57	4	32	118
4	3	24	108	3	24	44	4	32	151	3	24	139
5	2	16	164	3	24	153	2	16	91	3	24	310
6	3	24	894	3	24	827	5	40	1,044	8	70	2,239
7	6	48	4,253	10	80	3,674	6	48	2,299	16	142	9,171
8	10	80	10,491	14	112	10,534	11	88	7,660	22	188	21,323
9	11	88	13,186	18	144	14,223	14	112	14,171	28	238	32,751
10	8	64	9,046	12	96	8,332	10	80	7,607	20	172	13,818
11	6	48	2,815	12	72	2,776	7	56	3,267	18	156	7,328
12 NOON	6	48	2,322	13	80	2,072	8	64	3,115	17	146	5,610
1 PM	6	48	2,050	11	64	1,339	6	48	1,880	16	138	3,581
2	6	48	1,742	12	72	1,353	6	48	2,019	17	148	3,417
3	6	48	1,759	13	92	1,465	7	56	2,123	19	164	3,520
4	4	32	1,251	12	96	1,530	8	64	2,371	18	156	3,872
5	7	56	2,948	18	144	1,760	12	96	2,752	22	192	4,607
6	7	56	2,307	14	112	1,479	14	112	3,351	17	146	3,403
7	9	72	1,974	12	96	871	9	72	1,577	19	162	2,654
8	7	56	863	10	80	613	10	80	1,297	18	156	1,548
9	5	40	507	4	32	243	7	56	805	17	156	1,185
10	5	40	415	6	32	285	6	48	660	12	110	801
11	5	28	409	4	16	229	3	24	304	12	110	900
12 MID	4	16	312	4	16	188	5	40	328	11	100	540
TOTAL	134	1,044	60,088	217	1,580	54,155	169	1,352	59,225	347	3,000	123,092

HOURS	IND (CRANBERRY TUNNEL) HIGH STREET VIA A, C LINES			IRT (CLARK ST TUNNEL) CLARK STREET VIA 2, 3 LINES			BMT (MONTAGUE ST. TUN) COURT STREET VIA M, N, R LINE			IRT (JORALEMON TUN) BOROUGH HALL VIA 4, 5 LINES			TOTAL (BROOKLYN SECTOR)		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	ASSENGER
12-1 AM	4	36	317	2	20	136	3	24	93	5	50	336	32	264	1,538
2	3	28	141	3	30	84	2	16	46	4	40	114	22	194	634
3	3	26	120	2	20	37	3	24	56	3	30	71	23	196	544
4	3	26	139	3	30	108	3	28	71	3	30	109	25	218	869
5	3	28	286	2	20	156	3	24	183	3	30	317	21	182	1,660
6	5	46	1,818	3	30	748	4	32	691	3	30	1,252	34	296	9,513
7	10	84	5,061	7	69	3,007	10	84	2,692	10	100	5,820	75	655	35,977
8	18	150	16,294	13	123	9,226	18	150	7,792	18	180	15,411	124	1,071	98,731
9	23	194	23,987	16	152	15,329	21	170	12,100	15	150	16,981	146	1,248	142,728
10	14	122	10,461	14	133	7,153	18	150	5,794	22	220	14,789	118	1,037	77,000
11	12	100	4,936	17	161	4,224	11	92	3,085	14	140	5,193	97	825	33,624
12 NOON	12	100	3,931	13	124	2,719	14	114	1,920	7	70	2,986	90	746	24,675
1 PM	11	90	3,528	13	123	2,592	12	102	1,647	11	110	4,346	86	723	20,963
2	12	102	3,399	12	114	2,164	11	92	1,556	10	100	3,978	86	724	19,628
3	12	102	3,246	11	105	2,097	13	108	1,418	10	100	3,299	91	775	18,927
4	12	100	4,575	13	123	2,644	13	110	2,010	16	160	4,089	96	841	22,342
5	14	118	5,319	17	161	2,274	18	152	2,216	19	190	4,568	127	1,109	26,444
6	13	110	4,304	19	181	2,883	19	156	2,240	22	220	4,370	125	1,093	24,337
7	10	84	2,466	16	151	1,510	16	134	1,334	15	150	2,012	106	921	14,398
8	13	112	2,168	16	153	1,146	15	124	750	15	150	1,534	104	911	9,919
9	10	86	1,330	11	104	686	10	84	431	12	120	1,043	76	678	6,230
10	6	52	1,095	11	105	690	9	80	322	6	60	798	61	527	5,066
11	6	54	1,104	9	86	690	9	76	273	6	60	731	54	454	4,640
12 MID	4	36	620	6	58	370	4	34	177	4	40	485	42	340	3,020
TOTAL	233	1,986	100,645	249	2,376	62,673	259	2,160	48,897	253	2,530	94,632	1,861	16,028	603,407

SECTION B: RAIL RAPID TRANSIT BY LINE

BROOKLYN SECTOR, 1996-OUTBOUND

HOURS	BMT(14TH ST TUNNEL) FIRST AVENUE VIA L LINES			BMT (WILLIAMSBURG BR) ESSEX STREET VIA J, M, Z LINES			IND (RUTGERS TUNNEL) EAST BROADWAY VIA F LINE			BMT (MANHATTAN BRIDGE) GRAND STREET VIA B, D, Q LINES		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS
	12-1 AM	2	16	504	3	24	170	3	24	881	5	42
2	3	24	362	3	24	133	5	40	419	4	32	304
3	2	16	149	3	24	63	3	24	137	2	16	93
4	3	24	149	3	24	35	2	16	79	4	32	136
5	2	16	105	3	24	31	4	32	137	2	16	97
6	4	32	454	3	24	88	3	24	215	3	24	211
7	4	32	1,212	5	40	457	6	48	864	9	78	1,041
8	8	64	2,265	11	88	1,109	11	88	2,155	16	140	2,810
9	12	96	1,512	18	144	1,239	13	104	3,115	18	152	2,980
10	8	64	986	15	120	864	12	96	2,326	22	188	2,237
11	7	56	989	13	96	961	8	64	1,389	19	166	1,507
12 NOON	6	48	1,187	13	76	1,197	7	56	1,234	17	146	1,760
1 PM	6	48	1,652	12	72	1,566	6	48	1,370	16	138	2,313
2	6	48	2,179	11	68	1,597	7	56	2,484	20	174	3,106
3	6	48	2,891	12	72	2,506	6	48	2,446	16	140	3,779
4	5	40	4,064	12	92	3,659	8	64	3,458	17	148	6,902
5	5	40	7,679	14	112	5,064	10	80	3,799	18	154	12,613
6	8	64	10,181	18	144	7,980	14	112	7,428	22	186	23,118
7	9	72	10,406	11	88	5,655	10	80	5,865	26	224	17,547
8	7	56	5,125	12	96	3,276	9	70	4,536	18	156	12,512
9	6	48	3,596	8	64	1,792	9	72	2,999	17	148	8,343
10	5	40	2,738	5	32	1,347	7	56	2,109	12	106	5,579
11	5	36	2,003	4	16	692	5	40	1,593	12	108	3,793
12 MID	5	20	1,306	5	20	496	5	40	1,314	9	80	2,621
TOTAL	134	1,048	63,694	217	1,584	41,977	173	1,382	52,352	324	2,794	116,505

HOURS	IND (CRANBERRY TUNNEL) BROADWAY/NASSAU ST VIA A, C LINES			IRT (CLARK ST TUNNEL) WALL ST/WILLIAM ST VIA 2, 3 LINES			BMT (MONTAGUE ST. TUN) BROAD/WHITEHALL STS VIA M, N, R LINE			IRT (JORALEMON TUN) BOWLING GREEN VIA 4, 5 LINES			TOTAL (BROOKLYN SECTOR)		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS
	12-1 AM	4	34	1,878	3	30	757	3	26	355	4	40	1,407	27	236
2	4	40	1,060	2	20	407	3	24	221	3	30	434	27	234	3,340
3	3	26	431	3	30	350	3	30	113	3	30	242	22	196	1,578
4	3	28	303	2	20	88	3	26	64	3	30	91	23	200	945
5	3	26	301	4	40	203	2	16	63	2	20	88	22	190	1,025
6	4	38	398	3	30	244	5	46	251	6	60	271	31	278	2,132
7	10	84	1,372	10	96	605	11	96	480	12	120	884	67	594	6,915
8	11	94	2,625	16	152	1,396	20	162	1,896	19	190	2,225	112	978	16,481
9	11	92	2,939	16	151	1,797	20	170	2,278	21	210	3,620	129	1,119	19,480
10	15	126	2,443	22	210	2,431	16	132	1,379	22	220	2,474	132	1,156	15,140
11	13	104	1,959	15	143	1,320	11	90	926	13	130	1,809	99	849	10,860
12 NOON	13	112	2,410	11	104	1,147	14	122	1,253	7	70	1,719	88	734	11,907
1 PM	11	96	2,815	12	114	1,991	11	92	1,191	12	120	2,366	86	728	15,264
2	11	90	3,112	11	104	2,291	12	96	1,684	10	100	2,900	88	736	19,353
3	13	108	5,752	12	114	3,134	12	104	1,851	11	110	3,246	88	744	25,605
4	11	92	7,128	12	114	3,915	16	132	3,439	10	100	4,519	91	782	37,084
5	19	162	12,739	17	162	6,945	18	146	5,850	18	180	8,890	119	1,036	63,579
6	22	186	17,845	17	162	10,594	19	156	10,667	23	230	13,825	143	1,240	101,638
7	14	116	11,284	14	134	8,726	19	158	7,224	13	130	10,876	116	1,002	77,583
8	12	100	6,821	13	123	4,888	16	128	3,953	12	120	6,427	99	849	47,538
9	11	92	4,330	11	105	3,547	11	94	2,289	11	110	3,945	84	733	30,841
10	6	48	3,935	11	104	3,086	10	84	1,462	7	70	2,418	63	540	22,674
11	5	42	2,664	9	86	2,093	7	56	821	5	50	1,626	52	434	15,285
12 MID	3	26	1,139	4	40	1,025	6	50	665	4	40	1,063	41	316	9,629
TOTAL	232	1,962	97,683	250	2,388	62,980	268	2,236	50,375	251	2,510	77,365	1,849	15,904	562,931

SECTION B: RAIL RAPID TRANSIT BY LINE

QUEENS SECTOR, 1996-INBOUND

HOURS	BMT(60TH ST TUNNEL) QUEENS PLAZA VIA N, R LINES			IRT (53RD ST TUNNEL) 23RD STREET / ELY AVE VIA E, F, B LINES			BMT (STEINWAY TUNNEL) VERNON AVE / JACKSON AVE VIA 7 LINE			(63RD ST TUNNEL) 63RD ST / LEXINGTON AVE VIA B, Q LINES			TOTAL (QUEENS SECTOR)		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS
12-1 AM	2	18	77	4	34	316	4	44	222	3	24	90	13	120	705
2	4	38	105	3	30	202	3	33	93	2	16	16	12	117	416
3	3	26	54	3	26	136	3	33	88	5	40	113	14	125	391
4	2	18	55	3	30	149	3	33	115	4	32	77	12	113	396
5	4	36	471	3	28	399	3	33	339	2	16	36	12	113	1,245
6	3	26	1,580	7	62	3,571	4	44	1,645	4	36	116	18	168	6,912
7	11	92	7,212	15	132	10,465	9	99	7,086	5	48	218	40	371	24,981
8	14	116	17,583	27	242	28,781	19	209	16,186	5	40	757	65	607	63,307
9	24	206	29,153	26	230	40,741	22	242	20,553	8	64	2,211	80	742	92,658
10	15	128	13,977	17	154	20,059	17	187	10,792	7	56	951	56	525	45,779
11	12	98	7,370	13	114	11,396	11	121	5,509	6	48	413	42	381	24,688
12 NOON	12	102	5,158	17	154	8,869	9	99	3,588	6	48	358	44	403	17,973
1 PM	12	102	3,777	12	109	6,691	8	88	3,009	6	48	463	38	347	13,940
2	11	90	3,550	12	108	5,808	9	99	2,868	6	48	468	38	345	12,694
3	13	110	3,913	14	124	6,481	10	110	3,422	6	48	459	43	392	14,275
4	12	104	4,337	19	172	7,185	12	132	3,830	6	48	715	49	456	16,067
5	14	116	5,029	26	234	9,502	16	176	5,020	7	56	1,530	63	582	21,081
6	9	78	3,744	25	223	9,469	22	242	4,854	10	80	1,323	66	623	19,390
7	11	92	2,868	19	170	4,031	16	176	3,013	5	40	821	51	478	10,733
8	11	92	1,769	14	122	2,608	14	154	1,922	6	48	726	45	416	7,025
9	11	94	1,141	14	124	1,525	9	99	1,195	6	52	470	40	369	4,331
10	10	84	789	11	98	1,542	7	77	1,033	5	50	291	33	309	3,655
11	9	76	772	11	100	1,516	6	66	814	5	50	268	31	292	3,370
12 MID	5	44	286	9	80	971	5	55	530	4	40	187	23	219	1,974
TOTAL	234	1,986	114,770	324	2,900	182,413	241	2,651	97,726	129	1,076	13,077	928	8,613	407,986

QUEENS SECTOR, 1996-OUTBOUND

HOURS	BMT (60TH ST TUNNEL) 60TH ST / LEXINGTON AVE VIA N, R LINES			IRT (53RD ST TUNNEL) 53RD ST / LEXINGTON AVE VIA E, F, B LINES			BMT (STEINWAY TUNNEL) GRAND CENTRAL STATION VIA 7 LINE			(63RD ST TUNNEL) 57TH ST / SIXTH AVE VIA B, Q LINES			TOTAL (QUEENS SECTOR)		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS
12-1 AM	4	34	1,123	4	40	1,775	3	33	2,290	6	50	199	17	157	5,387
2	3	26	685	3	30	751	3	33	1,230	3	24	110	12	113	2,776
3	3	26	231	3	30	372	3	33	483	3	24	81	12	113	1,167
4	3	26	115	3	30	205	3	33	294	4	32	53	13	121	667
5	3	26	134	3	30	180	3	33	250	3	24	94	12	113	658
6	4	34	152	3	30	159	4	44	620	3	30	67	14	138	998
7	11	98	2,136	10	90	1,876	5	55	2,175	4	38	281	30	281	6,468
8	10	82	2,778	18	158	3,973	18	198	6,254	6	48	776	52	486	13,781
9	11	92	2,297	20	178	4,541	22	242	4,689	10	80	1,261	63	592	12,788
10	16	136	1,903	28	250	3,393	19	209	2,435	9	72	801	72	667	8,532
11	11	92	1,288	17	152	2,486	11	121	1,555	6	48	456	45	413	5,785
12 NOON	13	112	1,814	15	130	2,927	10	110	2,053	6	48	339	44	400	7,133
1 PM	12	98	2,582	15	136	3,942	8	88	2,875	6	48	344	41	370	9,743
2	12	100	2,949	12	104	5,093	9	99	3,084	5	40	329	38	343	11,455
3	13	114	3,825	11	98	5,790	10	110	3,975	7	56	520	41	378	14,110
4	12	100	5,441	15	130	10,990	11	121	6,253	6	48	661	44	399	23,345
5	12	100	7,535	23	206	20,629	15	165	10,400	7	56	701	57	527	39,265
6	13	110	11,901	23	204	34,457	20	220	16,232	7	56	1,211	63	590	63,801
7	14	116	16,890	22	198	25,559	19	209	13,715	6	48	1,007	61	571	57,171
8	12	100	9,484	19	164	16,814	15	165	9,190	6	48	664	52	477	36,152
9	10	84	6,683	16	144	12,428	10	110	5,641	6	54	371	42	392	25,123
10	11	90	5,761	12	104	7,211	7	77	3,755	6	60	305	36	331	17,032
11	10	86	3,551	10	90	4,911	6	66	3,009	5	50	252	31	292	11,723
12 MID	9	76	3,169	9	78	3,940	6	66	2,966	3	30	128	27	250	10,203
TOTAL	232	1,958	94,427	314	2,804	174,402	240	2,640	105,423	133	1,112	11,011	919	8,514	385,263

SECTION B: RAIL RAPID TRANSIT BY LINE

NEW JERSEY, 1996-INBOUND

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL (NEW JERSEY SECTOR)		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS
12-1 AM	3	23	144	2	14	181	5	37	326
2	2	16	92	2	14	62	4	30	154
3	2	16	73	2	14	30	4	30	103
4	2	16	63	2	14	91	4	30	154
5	2	16	129	2	14	67	4	30	196
6	2	16	433	1	7	106	3	23	540
7	11	84	2,569	8	112	1,681	19	196	4,250
8	21	156	12,831	15	210	5,059	36	366	17,889
9	33	248	18,460	20	140	11,025	53	388	29,486
10	22	166	7,448	15	105	4,009	37	271	11,457
11	12	90	2,765	12	84	2,366	24	174	5,131
12 NOON	12	90	1,740	12	84	1,620	24	174	3,360
1 PM	12	90	1,671	12	84	1,377	24	174	3,047
2	12	90	1,370	12	84	1,231	24	174	2,601
3	12	90	1,395	12	84	1,247	24	174	2,643
4	12	90	1,523	12	84	1,326	24	174	2,849
5	17	127	2,232	13	91	1,661	30	218	3,893
6	30	225	2,866	20	140	2,053	50	365	4,918
7	24	180	1,380	14	98	1,430	38	278	2,810
8	12	90	791	12	84	748	24	174	1,539
9	12	90	521	10	70	477	22	160	998
10	9	67	347	8	56	409	17	123	756
11	8	60	449	8	56	315	16	116	764
12 MID	8	60	257	4	28	220	12	88	477
TOTAL	292	2,196	61,552	230	1,771	38,789	522	3,967	100,341

NEW JERSEY, 1996-OUTBOUND

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL (NEW JERSEY SECTOR)		
	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS	TRAINS	CARS	PASSENGERS
12-1 AM	2	15	383	2	14	1,067	4	29	1,450
2	2	16	152	2	14	324	4	30	476
3	2	16	57	2	14	124	4	30	181
4	2	16	40	2	14	94	4	30	134
5	2	16	73	2	14	83	4	30	156
6	2	16	185	1	7	89	3	23	274
7	14	105	685	6	42	379	20	147	1,064
8	28	211	1,618	16	112	1,093	44	323	2,711
9	29	218	2,927	20	140	1,524	49	358	4,451
10	16	121	1,979	14	98	754	30	219	2,733
11	12	90	856	12	84	520	24	174	1,376
12 NOON	12	90	817	12	84	616	24	174	1,433
1 PM	12	90	927	12	84	836	24	174	1,763
2	12	90	1,142	12	84	901	24	174	2,043
3	12	90	1,506	12	84	1,160	24	174	2,666
4	12	90	2,414	12	84	1,876	24	174	4,290
5	25	188	6,948	17	119	3,695	42	307	10,643
6	34	256	14,686	20	140	8,195	54	396	22,881
7	19	144	9,245	12	84	5,844	31	228	15,089
8	12	90	4,361	12	84	3,594	24	174	7,955
9	12	90	2,263	11	77	2,486	23	167	4,749
10	9	68	1,193	8	56	1,769	17	124	2,962
11	8	60	804	8	56	1,696	16	116	2,500
12 MID	8	60	524	5	35	836	13	95	1,360
TOTAL	298	2,246	55,785	232	1,624	39,555	530	3,870	95,340

SECTION C: SUBURBAN AND INTERCITY RAIL TRANSIT BY LINE

RECAPITULATION, 1996-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	3	14	93	5	44	110	3	17	267	11	75	470
2	3	15	119	4	38	50	2	14	68	9	67	237
3	1	4	90	6	41	142	2	12	165	9	57	397
4	1	4	99	0	0	0	0	0	0	1	4	99
5	1	6	109	4	36	230	0	0	0	5	42	339
6	2	8	212	3	22	910	1	6	57	6	36	1,179
7	12	68	3,913	13	114	10,150	6	43	2,143	31	225	16,206
8	33	231	20,896	26	260	28,830	11	93	7,313	70	584	57,039
9	50	385	34,458	37	362	38,056	16	162	13,267	103	909	85,781
10	25	151	11,341	16	134	11,020	11	74	3,969	52	359	26,330
11	15	99	4,790	11	102	4,187	7	44	2,096	33	245	11,073
12 NOON	9	57	2,458	8	70	2,580	6	39	1,255	23	166	6,293
1 PM	9	55	1,943	9	77	2,239	7	50	1,318	25	182	5,500
2	7	44	1,264	7	60	1,711	5	35	1,009	19	139	3,984
3	7	39	1,102	8	70	1,540	8	55	1,247	23	164	3,889
4	8	53	1,243	6	54	1,120	5	34	791	19	141	3,154
5	8	57	1,568	9	78	1,914	7	46	1,142	24	181	4,624
6	8	63	1,767	7	67	1,806	6	46	1,369	21	176	4,942
7	10	62	1,979	9	76	2,221	9	59	1,961	28	197	6,161
8	7	48	904	7	68	1,090	7	47	819	21	163	2,813
9	7	45	580	7	60	610	8	66	818	22	171	2,008
10	6	39	408	8	71	651	6	49	395	20	159	1,454
11	4	21	271	6	54	490	3	20	245	13	95	1,006
12 MID	4	24	229	7	60	322	2	14	134	13	98	685
TOTAL	240	1,592	91,836	223	2,018	111,979	138	1,025	41,848	601	4,635	245,663

RECAPITULATION, 1996-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	21	553	4	34	1,140	2	10	132	10	65	1,825
2	3	14	272	5	48	520	2	10	104	10	72	896
3	0	0	0	1	6	79	0	0	0	1	6	79
4	0	0	0	5	42	210	1	5	108	6	47	318
5	0	0	0	1	10	70	1	8	93	2	18	163
6	1	6	31	4	40	180	3	24	199	8	70	410
7	7	41	515	5	41	448	5	38	593	17	120	1,556
8	11	73	1,992	7	64	990	7	45	1,154	25	182	4,136
9	8	61	1,477	7	64	1,170	6	41	1,054	21	166	3,701
10	8	56	898	9	77	891	6	46	826	23	179	2,615
11	8	58	714	8	68	610	7	52	776	23	178	2,100
12 NOON	9	57	926	8	73	1,208	6	38	821	23	168	2,955
1 PM	8	50	1,125	10	83	1,712	7	48	1,188	25	181	4,025
2	8	53	1,400	7	68	1,660	6	44	1,098	21	165	4,158
3	10	68	2,527	8	75	3,233	7	48	1,375	25	191	7,135
4	13	74	3,981	10	98	7,270	9	58	2,650	32	230	13,901
5	23	132	8,706	23	201	15,630	12	93	4,669	58	426	29,005
6	43	288	23,208	32	332	32,780	17	141	9,672	92	761	65,660
7	29	210	17,793	21	195	20,607	12	94	7,099	62	499	45,499
8	18	117	9,453	11	104	9,170	7	43	3,638	36	264	22,261
9	10	67	4,658	8	66	4,945	6	44	2,023	24	177	11,626
10	8	48	3,096	8	60	3,763	6	46	1,448	22	154	8,307
11	8	55	2,274	7	66	2,270	3	25	732	18	146	5,276
12 MID	9	45	1,442	7	52	1,510	4	29	472	20	126	3,424
TOTAL	246	1,594	87,041	216	1,967	112,066	142	1,030	41,924	604	4,591	241,031

SECTION C: SUBURBAN AND INTERCITY RAIL TRANSIT BY LINE

60TH STREET SECTOR, 1996-INBOUND

HOURS	-- MTA-HUDSON --			-- MTA-HARLEM --			-- MTA-NEW HAVEN --			AMTRAK EMPIRE SERVICE			TOTAL - - -		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12-1 AM	1	4	26	1	4	28	1	6	39	0	0	0	3	14	93
2	1	4	96	0	0	0	2	11	23	0	0	0	3	15	119
3	1	4	90	0	0	0	0	0	0	0	0	0	1	4	90
4	1	4	99	0	0	0	0	0	0	0	0	0	1	4	99
5	1	6	109	0	0	0	0	0	0	0	0	0	1	6	109
6	1	4	80	1	4	132	0	0	0	0	0	0	2	8	212
7	5	29	1,030	3	14	1,050	4	25	1,833	0	0	0	12	68	3,913
8	9	53	4,252	11	84	7,617	13	94	9,027	0	0	0	33	231	20,896
9	14	90	7,804	16	130	11,853	19	159	14,641	1	6	160	50	385	34,458
10	5	29	1,695	8	54	4,130	11	63	5,306	1	5	210	25	151	11,341
11	5	33	1,219	4	26	1,596	5	36	1,781	1	4	194	15	99	4,790
12 NOON	3	16	462	3	18	889	3	23	1,107	0	0	0	9	57	2,458
1 PM	2	12	336	3	20	628	3	18	871	1	5	108	9	55	1,943
2	1	6	132	3	18	492	3	20	640	0	0	0	7	44	1,264
3	1	6	141	3	14	413	3	19	548	0	0	0	7	39	1,102
4	1	7	131	3	16	429	3	21	500	1	9	183	8	53	1,243
5	1	6	150	3	24	489	3	21	657	1	6	272	8	57	1,568
6	1	6	167	3	24	610	4	33	990	0	0	0	8	63	1,767
7	1	6	94	4	22	694	4	30	1,083	1	4	108	10	62	1,979
8	1	7	55	3	22	353	3	19	496	0	0	0	7	48	904
9	1	8	55	2	12	164	3	20	244	1	5	117	7	45	580
10	0	0	0	2	10	120	3	23	186	1	6	102	6	39	408
11	0	0	0	2	8	135	2	13	136	0	0	0	4	21	271
12 MID	0	0	0	2	10	71	2	14	158	0	0	0	4	24	229
TOTAL	57	340	18,223	80	534	31,893	94	668	40,266	9	50	1,454	240	1,592	91,836

60TH STREET SECTOR, 1996-OUTBOUND

HOURS	-- MTA-HUDSON --			-- MTA-HARLEM --			-- MTA-NEW HAVEN --			AMTRAK EMPIRE SERVICE			TOTAL - - -		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12-1 AM	1	4	69	1	4	194	2	13	290	0	0	0	4	21	553
2	1	4	63	1	4	95	1	6	114	0	0	0	3	14	272
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	6	31	0	0	0	1	6	31
7	2	13	113	3	16	214	2	12	188	0	0	0	7	41	515
8	2	12	177	4	28	739	4	27	909	1	6	167	11	73	1,992
9	2	13	192	2	18	375	3	25	783	1	5	127	8	61	1,477
10	2	14	150	3	20	324	3	22	424	0	0	0	8	56	898
11	2	16	121	3	24	266	3	18	327	0	0	0	8	58	714
12 NOON	2	13	169	3	18	298	3	22	381	1	4	78	9	57	926
1 PM	2	14	225	3	18	390	3	18	510	0	0	0	8	50	1,125
2	2	10	275	3	18	437	3	25	688	0	0	0	8	53	1,400
3	2	10	461	4	28	892	3	24	897	1	6	277	10	68	2,527
4	3	17	901	4	22	1,052	5	31	1,933	1	4	95	13	74	3,981
5	4	21	1,706	9	52	3,610	9	54	3,235	1	5	155	23	132	8,706
6	12	73	5,697	12	88	7,220	18	123	10,170	1	4	121	43	288	23,208
7	7	40	3,439	11	79	6,858	10	82	7,324	1	9	172	29	210	17,793
8	4	22	1,510	7	44	3,484	7	51	4,459	0	0	0	18	117	9,453
9	2	13	849	3	18	1,277	4	30	2,448	1	6	84	10	67	4,658
10	2	12	505	3	18	1,232	3	18	1,359	0	0	0	8	48	3,096
11	2	11	393	3	20	841	3	24	1,040	0	0	0	8	55	2,274
12 MID	2	8	240	4	16	517	3	21	685	0	0	0	9	45	1,442
TOTAL	58	340	17,255	86	553	30,315	93	652	38,195	9	49	1,276	246	1,594	87,041

SECTION C: SUBURBAN AND INTERCITY RAIL TRANSIT BY LINE

QUEENS SECTOR, 1996-INBOUND

HOURS	-- MTA L.I.R.R. --			AMTRAK N.E. CORRIDOR- - -			TOTAL - - -		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12-1 AM	5	44	110	0	0	0	5	44	110
2	4	38	50	0	0	0	4	38	50
3	5	36	60	1	5	82	6	41	142
4	0	0	0	0	0	0	0	0	0
5	4	36	230	0	0	0	4	36	230
6	3	22	910	0	0	0	3	22	910
7	13	114	10,150	0	0	0	13	114	10,150
8	26	260	28,830	0	0	0	26	260	28,830
9	36	354	37,960	1	8	96	37	362	38,056
10	16	134	11,020	0	0	0	16	134	11,020
11	9	88	3,950	2	14	237	11	102	4,187
12 NOON	8	70	2,580	0	0	0	8	70	2,580
1 PM	8	68	1,960	1	9	279	9	77	2,239
2	6	54	1,480	1	6	231	7	60	1,711
3	8	70	1,540	0	0	0	8	70	1,540
4	6	54	1,120	0	0	0	6	54	1,120
5	7	62	1,570	2	16	344	9	78	1,914
6	6	58	1,650	1	9	156	7	67	1,806
7	8	72	2,110	1	4	111	9	76	2,221
8	7	68	1,090	0	0	0	7	68	1,090
9	7	60	610	0	0	0	7	60	610
10	7	64	530	1	7	121	8	71	651
11	6	54	490	0	0	0	6	54	490
12 MID	6	52	280	1	8	42	7	60	322
TOTAL	211	1,932	110,280	12	86	1,699	223	2,018	111,979

QUEENS SECTOR, 1996-OUTBOUND

HOURS	-- MTA L.I.R.R. --			AMTRAK N.E. CORRIDOR- - -			TOTAL - - -		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12-1 AM	4	34	1,140	0	0	0	4	34	1,140
2	5	48	520	0	0	0	5	48	520
3	0	0	0	1	6	79	1	6	79
4	5	42	210	0	0	0	5	42	210
5	1	10	70	0	0	0	1	10	70
6	4	40	180	0	0	0	4	40	180
7	4	34	370	1	7	78	5	41	448
8	7	64	990	0	0	0	7	64	990
9	7	64	1,170	0	0	0	7	64	1,170
10	7	64	680	2	13	211	9	77	891
11	8	68	610	0	0	0	8	68	610
12 NOON	7	64	980	1	9	228	8	73	1,208
1 PM	9	78	1,520	1	5	192	10	83	1,712
2	7	68	1,660	0	0	0	7	68	1,660
3	7	66	2,980	1	9	253	8	75	3,233
4	10	98	7,270	0	0	0	10	98	7,270
5	21	188	15,280	2	13	350	23	201	15,630
6	32	332	32,780	0	0	0	32	332	32,780
7	20	186	20,370	1	9	237	21	195	20,607
8	11	104	9,170	0	0	0	11	104	9,170
9	7	62	4,840	1	4	105	8	66	4,945
10	7	54	3,710	1	6	53	8	60	3,763
11	7	66	2,270	0	0	0	7	66	2,270
12 MID	7	52	1,510	0	0	0	7	52	1,510
TOTAL	204	1,886	110,280	12	81	1,786	216	1,967	112,066

SECTION C: SUBURBAN AND INTERCITY RAIL TRANSIT BY LINE

NEW JERSEY SECTOR, 1996-INBOUND

HOURS	NJ TRANSIT N.E. CORRIDOR/COAST			AMTRAK N. E. CORRIDOR			- - - TOTAL - - -		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12-1 AM	2	10	136	1	7	131	3	17	267
2	2	14	68	0	0	0	2	14	68
3	1	6	56	1	6	109	2	12	165
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	1	6	57	0	0	0	1	6	57
7	5	36	2,073	1	7	70	6	43	2143
8	10	80	6,654	1	13	659	11	93	7313
9	11	118	11,057	5	44	2210	16	162	13267
10	7	43	3,194	4	31	775	11	74	3969
11	4	25	1,478	3	19	618	7	44	2096
12 NOON	4	29	944	2	10	311	6	39	1255
1 PM	4	32	811	3	18	507	7	50	1318
2	4	26	698	1	9	311	5	35	1009
3	4	25	805	4	30	442	8	55	1247
4	4	27	621	1	7	170	5	34	791
5	3	21	545	4	25	597	7	46	1142
6	5	37	1,020	1	9	349	6	46	1369
7	7	46	1,545	2	13	416	9	59	1961
8	5	36	532	2	11	287	7	47	819
9	4	37	410	4	29	408	8	66	818
10	4	33	159	2	16	236	6	49	395
11	2	13	73	1	7	172	3	20	245
12 MID	2	14	134	0	0	0	2	14	134
TOTAL	95	714	33,070	43	311	8,778	138	1,025	41,848

NEW JERSEY SECTOR, 1996-OUTBOUND

HOURS	NJ TRANSIT N.E. CORRIDOR/COAST			AMTRAK N. E. CORRIDOR			- - - TOTAL - - -		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12-1 AM	2	10	132	0	0	0	2	10	132
2	2	10	104	0	0	0	2	10	104
3	0	0	0	0	0	0	0	0	0
4	0	0	0	1	5	108	1	5	108
5	1	8	93	0	0	0	1	8	93
6	1	10	143	2	14	56	3	24	199
7	3	22	223	2	16	370	5	38	593
8	5	33	816	2	12	338	7	45	1154
9	4	28	736	2	13	318	6	41	1054
10	4	31	498	2	15	328	6	46	826
11	4	26	404	3	26	372	7	52	776
12 NOON	4	25	505	2	13	316	6	38	821
1 PM	4	27	702	3	21	486	7	48	1188
2	4	31	780	2	13	318	6	44	1098
3	4	29	984	3	19	391	7	48	1375
4	5	35	1,747	4	23	903	9	58	2650
5	8	59	3,499	4	34	1170	12	93	4669
6	13	103	8,026	4	38	1646	17	141	9672
7	9	67	5,909	3	27	1190	12	94	7099
8	6	39	3,445	1	4	193	7	43	3638
9	5	38	1,886	1	6	137	6	44	2023
10	5	39	1,310	1	7	138	6	46	1448
11	3	25	732	0	0	0	3	25	732
12 MID	3	21	377	1	8	95	4	29	472
TOTAL	99	716	33,051	43	314	8,873	142	1,030	41,924

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

RECAPITULATION, 1996 - INBOUND

HOURS	60TH ST. SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	N. J. SECTOR	S. I. SECTOR	TOTAL
12-1 AM	16,214	4,699	3,228	2,205	0	26,346
2	9,227	2,894	1,991	1,357	0	15,469
3	5,813	2,235	1,480	1,035	0	10,562
4	4,334	2,374	1,549	1,028	0	9,285
5	4,603	3,641	2,582	1,634	0	12,460
6	8,631	8,143	6,383	4,428	0	27,585
7	18,866	15,702	11,563	11,490	88	57,709
8	30,499	19,692	13,197	11,657	75	75,120
9	35,449	20,845	12,683	11,745	52	80,774
10	33,199	17,385	10,679	11,188	40	72,490
11	28,081	13,415	9,059	8,776	17	59,348
12 NOON	26,814	12,621	7,574	7,765	21	54,794
1 PM	26,983	11,606	7,026	6,724	14	52,352
2	28,453	12,289	7,119	6,551	0	54,411
3	28,631	13,010	7,926	6,957	12	56,536
4	31,410	12,474	7,402	8,084	22	59,392
5	29,859	13,201	7,068	8,139	21	58,288
6	30,767	13,509	8,733	6,921	0	59,930
7	30,534	13,370	9,641	7,623	35	61,203
8	31,520	10,552	7,416	7,402	7	56,897
9	28,680	9,855	5,712	6,086	14	50,347
10	26,487	9,678	5,781	5,451	11	47,408
11	26,045	9,927	5,917	5,084	0	46,973
12 MID	24,094	8,233	4,983	4,323	0	41,633
TOTAL	565,194	261,348	166,692	153,650	429	1,147,313

RECAPITULATION, 1996 - OUTBOUND

HOURS	60TH ST. SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	N. J. SECTOR	S. I. SECTOR	TOTAL
12-1 AM	14,056	8,597	7,581	3,414	0	33,649
2	8,027	4,924	4,966	2,049	0	19,965
3	5,125	3,043	3,130	1,479	0	12,777
4	3,982	2,252	2,229	1,411	0	9,874
5	4,577	2,288	2,246	2,317	0	11,428
6	8,000	3,912	3,004	4,116	0	19,032
7	15,669	6,687	4,640	5,634	31	32,661
8	23,520	8,719	5,509	6,055	48	43,850
9	26,031	9,606	5,061	5,215	48	45,962
10	24,154	8,781	4,514	5,741	43	43,233
11	25,225	10,017	5,718	5,821	13	46,793
12 NOON	25,026	9,703	6,141	6,186	25	47,081
1 PM	26,969	9,771	7,006	6,490	26	50,263
2	26,934	11,516	7,811	7,839	26	54,127
3	29,827	13,586	8,450	8,399	0	60,261
4	32,457	16,567	9,843	9,519	51	68,437
5	33,101	19,976	10,944	9,785	24	73,829
6	36,348	19,841	10,200	11,463	91	77,942
7	39,237	19,515	10,014	10,639	105	79,510
8	34,483	15,871	9,943	8,295	0	68,591
9	32,313	15,058	10,418	8,260	0	66,049
10	28,890	14,280	9,440	7,619	64	60,293
11	28,776	12,415	9,038	7,156	41	57,425
12 MID	23,685	9,015	8,729	6,194	0	47,623
TOTAL	556,411	255,940	166,573	151,096	636	1,130,657

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

60TH STREET SECTOR, 1996 - INBOUND

HOURS	FDR DRIVE	YORK AVENUE	SECOND AVENUE	QUEENS-BORO BR. RAMP	LEX-INGTON AVENUE	PARK AVENUE	FIFTH AVENUE	CENT PK DRIVE TO 7TH AVE.	COLUMBUS ROADWAY	WEST END AVENUE	WEST SIDE HIGHWAY	
12-1 AM	2,598	610	2,204	2,617	1,190	815	1,388	323	1,450	1,044	571	1,402
2	1,372	312	1,486	1,422	665	438	721	127	892	669	329	794
3	909	248	1,060	679	448	247	383	54	579	438	194	573
4	678	178	872	424	325	155	251	24	426	291	159	552
5	816	258	867	365	310	133	285	25	368	285	169	720
6	2,154	634	1,224	390	526	214	521	98	469	505	242	1,654
7	4,873	1,049	2,261	0	1,117	760	1,543	535	751	850	560	4,566
8	7,740	1,094	2,142	0	1,558	2,373	3,129	2,381	1,679	1,502	1,389	5,513
9	8,718	1,358	2,093	0	2,636	3,164	3,045	2,927	2,056	1,987	1,616	5,848
10	7,325	1,229	2,406	0	1,999	3,163	2,973	2,889	2,272	2,054	1,790	5,099
11	6,275	1,180	2,305	815	1,984	2,462	2,798	415	2,065	1,774	1,507	4,503
12 NOON	5,828	1,218	2,450	949	1,653	2,385	2,675	200	2,128	1,883	1,275	4,169
1 PM	5,791	1,218	2,221	1,043	1,634	2,585	2,884	190	2,289	1,979	1,397	3,753
2	6,531	1,273	2,144	1,319	1,820	2,617	2,786	147	2,020	2,104	1,426	4,265
3	6,394	1,272	2,252	1,698	2,166	2,342	2,804	210	2,228	2,154	1,404	3,707
4	6,978	1,147	2,610	2,439	2,047	2,228	2,829	1,103	2,039	2,243	1,573	4,175
5	7,003	846	1,566	2,726	1,665	2,022	2,549	1,439	1,950	2,230	1,568	4,295
6	7,225	1,098	1,607	2,523	1,749	2,003	2,675	1,700	2,009	2,241	1,436	4,501
7	6,220	1,136	2,080	2,319	1,724	2,020	2,976	1,442	2,333	2,343	1,367	4,572
8	6,580	1,178	2,349	2,608	2,174	2,509	3,429	262	1,890	2,536	1,538	4,466
9	5,383	1,109	2,421	2,792	2,274	2,169	2,967	110	2,216	2,393	1,420	3,425
10	4,985	1,020	2,289	2,562	2,332	1,955	2,737	64	2,167	2,140	1,245	2,992
11	4,773	999	2,285	2,377	2,245	1,889	2,793	477	2,270	2,202	1,018	2,718
12 MID	4,215	852	2,373	2,570	1,997	1,755	2,445	528	2,051	2,066	933	2,311
TOTAL	121,363	22,516	47,568	34,637	38,237	42,405	53,589	17,669	40,599	39,914	26,126	80,572

60TH STREET SECTOR, 1996 - OUTBOUND

HOURS	FDR DRIVE	YORK AVENUE	FIRST AVENUE	QUEENS-BORO BR. RAMP	NEW STREET	THIRD AVENUE	PARK AVENUE	MADISON AVENUE	CENTRAL FROM 60TH ST.	PARK DRIVE FROM 6TH AVE.	COL.CRL.	EIGHT AVENUE	AMSTER-DAM AVENUE	WEST END AVENUE	WEST SIDE HIGHWAY	TOTAL	
12-1 AM	2,153	737	2,281	0	71	1,945	460	1,456	13	18	0	662	927	852	272	2,208	14,056
2	1,097	344	1,517	0	43	1,045	242	837	4	10	0	377	593	560	165	1,193	8,027
3	665	220	994	0	28	721	140	498	3	5	0	244	364	370	115	757	5,125
4	555	151	857	0	49	555	100	327	1	0	0	177	271	308	92	541	3,982
5	719	229	945	0	65	628	104	385	1	7	0	218	220	370	95	591	4,577
6	1,523	596	1,729	0	203	997	213	648	13	10	0	348	275	598	210	638	8,000
7	3,061	1,191	2,599	1,747	290	1,314	504	930	43	237	0	618	488	850	469	1,330	15,669
8	3,883	1,727	3,360	2,503	226	1,805	1,170	1,495	87	671	0	1,097	756	1,450	900	2,388	23,520
9	3,795	1,844	3,206	2,027	346	2,165	1,936	1,682	99	1,093	0	1,242	947	1,798	1,020	2,832	26,031
10	3,499	1,676	2,991	1,046	384	2,324	1,843	1,712	107	1,251	0	1,338	996	1,766	1,087	2,132	24,154
11	4,116	1,825	3,654	0	329	2,607	2,052	1,885	78	907	0	1,373	998	1,930	916	2,554	25,225
12 NOON	4,461	1,859	3,108	0	292	2,437	1,775	1,856	95	787	0	1,263	1,132	2,044	885	3,033	25,026
1 PM	4,429	2,108	3,540	0	348	2,359	2,000	2,454	217	934	0	1,372	1,122	1,864	692	3,530	26,969
2	4,644	2,208	3,224	0	309	2,345	1,768	2,303	138	953	0	1,340	1,136	2,006	725	3,836	26,934
3	4,939	2,540	3,558	0	307	2,137	2,130	2,460	141	1,232	0	1,615	1,190	2,132	845	4,602	29,827
4	5,359	2,453	3,326	0	329	2,117	2,688	2,573	152	1,740	0	1,507	1,212	2,246	970	5,787	32,457
5	5,290	2,197	3,377	0	315	2,186	2,627	2,407	103	2,308	0	1,552	1,367	2,444	1,150	5,780	33,101
6	4,886	2,267	3,865	0	311	2,971	2,387	2,825	225	2,539	0	1,922	1,757	2,958	1,325	6,108	36,348
7	5,521	2,103	4,019	0	290	3,478	2,904	3,643	215	2,520	0	2,250	1,992	3,140	1,428	5,733	39,237
8	5,377	2,283	3,720	0	342	3,438	2,603	3,404	82	0	0	2,301	1,645	3,067	1,456	4,763	34,483
9	4,594	2,496	3,675	0	210	3,322	3,222	3,288	51	0	0	1,864	1,383	2,280	781	5,145	32,313
10	4,164	2,204	3,634	0	172	3,103	2,472	3,140	27	0	0	1,554	1,372	1,867	578	4,604	28,890
11	3,793	1,895	3,510	0	217	2,983	2,261	3,076	16	880	0	1,508	1,486	1,838	614	4,699	28,776
12 MID	3,003	1,470	3,357	0	166	2,649	1,559	2,560	27	697	0	1,205	1,326	1,455	473	3,738	23,685
TOTAL	85,525	38,624	70,045	7,323	5,641	51,633	39,162	47,842	1,940	18,798	0	28,947	24,953	40,196	17,262	78,519	556,411

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

1996 - INBOUND

HOURS	----- BROOKLYN SECTOR -----				--QUEENS SECTOR--			--N. J. SECTOR--	--S. I. SECTOR--	TOTAL
	WILLIAMSBURGBRIDGE	MANHATTANBRIDGE	BROOKLYNBRIDGE	BATTERY TUNNEL	MIDTOWN TUNNEL	QUEENSBRIDGE	HOLLAND TUNNEL	LINCOLN TUNNEL	ABOARD FERRY	
12-1 AM	1,305	1,492	1,575	327	838	2,390	1,151	1,054	0	10,132
2	847	921	995	131	443	1,549	729	628	0	6,242
3	728	733	691	83	257	1,223	583	452	0	4,749
4	779	735	758	102	171	1,378	550	478	0	4,951
5	1,131	1,029	1,245	236	337	2,246	866	768	0	7,857
6	2,369	1,637	3,305	832	1,114	5,269	2,136	2,292	0	18,954
7	2,938	4,158	5,632	2,973	3,461	8,102	3,880	7,610	88	38,843
8	4,472	5,035	6,422	3,763	4,714	8,483	4,116	7,541	75	44,621
9	4,943	5,182	6,523	4,197	5,297	7,386	3,893	7,853	52	45,325
10	4,433	4,002	5,879	3,071	4,712	5,968	3,891	7,297	40	39,292
11	4,016	2,577	4,885	1,936	3,960	5,099	3,854	4,921	17	31,267
12 NOON	3,512	2,431	4,928	1,750	3,154	4,420	3,316	4,448	21	27,980
1 PM	3,335	2,200	4,460	1,610	2,620	4,406	2,912	3,812	14	25,369
2	3,709	2,353	4,593	1,633	2,638	4,480	2,663	3,887	0	25,958
3	3,685	2,363	5,074	1,888	2,503	5,422	2,940	4,017	12	27,905
4	3,689	2,168	4,861	1,756	2,720	4,682	3,170	4,914	22	27,982
5	3,999	2,341	5,084	1,777	2,954	4,114	3,608	4,532	21	28,429
6	4,433	2,244	5,069	1,763	3,421	5,312	3,621	3,300	0	29,163
7	4,450	2,033	5,449	1,438	3,428	6,213	3,372	4,251	35	30,669
8	3,064	2,109	4,212	1,167	2,435	4,981	3,155	4,247	7	25,377
9	2,504	1,909	4,199	1,244	1,440	4,272	2,949	3,137	14	21,667
10	2,473	2,038	4,087	1,081	1,366	4,415	2,718	2,733	11	20,921
11	2,663	2,542	3,721	1,000	1,386	4,531	2,496	2,587	0	20,928
12 MID	2,315	2,748	2,594	576	922	4,061	2,129	2,193	0	17,539
TOTAL	71,791	56,979	96,243	36,335	56,290	110,403	64,700	88,950	429	582,120

1996 - OUTBOUND

HOURS	----- BROOKLYN SECTOR -----				--QUEENS SECTOR--			--N. J. SECTOR--	--S. I. SECTOR--	TOTAL
	WILLIAMSBURGBRIDGE	MANHATTANBRIDGE	BROOKLYNBRIDGE	BATTERY TUNNEL	MIDTOWN TUNNEL	QUEENSBRIDGE	HOLLAND TUNNEL	LINCOLN TUNNEL	ABOARD FERRY	
12-1 AM	2,737	2,677	1,601	1,583	1,561	6,020	1,445	1,969	0	19,593
2	1,505	1,674	1,104	640	656	4,309	978	1,071	0	11,939
3	931	1,077	720	315	339	2,791	797	682	0	7,652
4	626	857	547	222	226	2,003	908	503	0	5,892
5	647	919	535	187	253	1,993	1,786	531	0	6,850
6	937	1,528	1,252	194	570	2,434	3,182	934	0	11,032
7	2,202	1,624	2,569	293	1,084	3,556	3,304	2,330	31	16,993
8	2,684	1,950	3,559	526	1,473	4,036	3,531	2,523	48	20,330
9	3,137	2,019	3,734	717	1,433	3,628	2,877	2,338	48	19,930
10	2,538	2,021	3,360	862	1,439	3,075	3,200	2,541	43	19,079
11	2,960	2,500	3,620	937	1,684	4,034	3,131	2,690	13	21,568
12 NOON	3,009	2,385	3,378	932	1,794	4,347	3,227	2,959	25	22,055
1 PM	2,563	2,215	3,906	1,087	2,255	4,751	3,266	3,224	26	23,293
2	3,432	2,421	4,445	1,218	2,584	5,228	3,748	4,091	26	27,193
3	3,816	2,842	5,040	1,888	3,119	5,331	3,675	4,724	0	30,434
4	4,811	3,352	6,084	2,321	3,677	6,166	3,746	5,773	51	35,980
5	6,329	4,163	6,413	3,071	4,119	6,824	3,629	6,155	24	40,728
6	5,148	4,440	6,839	3,414	4,029	6,171	3,877	7,587	91	41,595
7	5,202	4,771	6,488	3,053	4,133	5,881	4,029	6,610	105	40,273
8	4,182	3,428	5,504	2,757	4,026	5,917	3,995	4,300	0	34,108
9	3,119	3,604	5,444	2,891	4,038	6,380	3,639	4,622	0	33,737
10	3,409	3,158	5,606	2,107	3,422	6,018	3,491	4,128	64	31,402
11	3,088	2,839	4,599	1,889	3,173	5,865	3,331	3,825	41	28,649
12 MID	3,090	2,934	1,807	1,184	2,657	6,072	2,509	3,685	0	23,939
TOTAL	72,100	61,398	88,155	34,287	53,744	112,829	71,300	79,796	636	574,245

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

RECAPITULATION, 1996 - INBOUND

HOURS	60TH ST. SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	N. J. SECTOR	S. I. SECTOR	TOTAL
12-1 AM	10,958	3,355	2,244	1,581	0	18,138
2	6,194	2,071	1,380	943	0	10,588
3	3,839	1,604	1,025	714	0	7,182
4	2,936	1,711	1,085	680	0	6,412
5	3,115	2,617	1,807	1,055	0	8,594
6	5,724	5,849	4,462	2,706	0	18,741
7	14,038	11,513	9,776	6,857	62	42,246
8	21,164	14,249	10,208	7,239	65	52,925
9	23,181	13,982	8,820	6,938	41	52,962
10	21,942	11,685	7,600	7,041	24	48,292
11	19,088	9,085	6,356	6,144	15	40,688
12 NOON	18,247	8,278	5,449	5,260	16	37,250
1 PM	18,071	7,811	4,975	4,769	8	35,634
2	18,098	7,929	5,110	4,603	0	35,740
3	18,549	9,387	5,346	4,681	7	37,970
4	20,549	9,145	5,190	5,076	14	39,974
5	19,499	9,206	5,272	5,141	17	39,135
6	19,777	9,431	5,811	4,785	0	39,804
7	20,501	9,050	6,430	5,070	30	41,081
8	20,758	7,835	5,406	5,019	6	39,024
9	18,753	6,961	3,956	3,779	10	33,459
10	17,398	6,857	4,020	3,494	7	31,776
11	16,895	7,018	4,099	3,380	0	31,392
12 MID	15,720	5,848	3,468	2,994	0	28,030
TOTAL	374,994	182,477	119,295	99,949	322	777,037

RECAPITULATION, 1996 - OUTBOUND

HOURS	60TH ST. SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	N. J. SECTOR	S. I. SECTOR	TOTAL
12-1 AM	9,720	5,971	5,217	2,365	0	23,273
2	5,507	3,438	3,417	1,396	0	13,758
3	3,471	2,133	2,146	991	0	8,741
4	2,719	1,584	1,533	945	0	6,781
5	3,119	1,608	1,545	1,493	0	7,765
6	5,431	2,744	2,053	2,671	0	12,899
7	11,745	5,150	3,154	4,075	25	24,149
8	17,424	6,928	3,676	4,568	47	32,643
9	19,267	7,339	3,517	3,896	40	34,059
10	18,106	6,652	3,347	3,991	27	32,123
11	17,600	6,819	4,199	4,102	12	32,732
12 NOON	16,841	6,610	4,489	4,451	26	32,417
1 PM	17,626	7,065	4,895	4,771	18	34,375
2	18,030	7,570	5,139	5,231	17	35,987
3	19,586	8,858	5,616	6,018	0	40,078
4	21,250	10,871	6,547	6,587	32	45,287
5	21,924	12,149	6,913	7,131	23	48,140
6	23,851	12,069	6,777	6,795	82	49,574
7	24,791	12,403	6,863	7,189	82	51,328
8	22,799	11,256	6,848	6,434	0	47,337
9	21,611	10,543	7,015	5,816	0	44,985
10	19,491	10,036	6,375	5,380	43	41,325
11	19,137	8,709	6,084	5,070	28	39,028
12 MID	15,910	6,249	5,918	4,405	0	32,482
TOTAL	376,956	174,754	113,283	105,774	502	771,269

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

60TH STREET SECTOR, 1996 - INBOUND

HOURS	FDR DRIVE	YORK AVENUE	SECOND AVENUE	QUEENS-BORO BR RAMP	LEX-INGTON AVENUE	PARK AVENUE	FIFTH AVENUE	CENT PK DRIVE TO 7TH AVE.	ROADWAY	COLUMBUS AVENUE	WEST END AVENUE	WEST SIDE HIGHWAY
12-1 AM	1,719	429	1,576	1,759	795	502	850	174	937	850	411	956
2	871	216	1,058	961	445	251	436	69	573	542	234	538
3	552	165	749	464	282	141	223	30	364	350	137	382
4	440	121	617	288	204	90	147	13	267	264	111	374
5	530	178	610	247	195	78	168	14	229	259	118	489
6	1,420	441	857	263	333	128	307	54	284	344	168	1,125
7	3,634	910	1,624	0	782	495	1,049	293	574	682	424	3,571
8	5,071	831	1,693	0	1,052	1,352	1,963	1,284	1,182	1,139	1,002	4,595
9	5,333	992	1,558	0	1,405	1,749	1,916	1,603	1,536	1,409	1,210	4,470
10	4,982	917	1,661	0	1,177	1,749	1,827	1,449	1,513	1,440	1,099	4,128
11	4,247	852	1,554	712	1,235	1,428	1,676	196	1,445	1,373	936	3,434
12 NOON	4,034	867	1,618	845	1,079	1,493	1,674	91	1,324	1,349	904	2,969
1 PM	3,880	858	1,507	941	1,094	1,542	1,692	102	1,368	1,383	936	2,768
2	3,871	886	1,405	1,137	1,164	1,554	1,635	81	1,225	1,429	964	2,747
3	4,114	878	1,449	1,363	1,335	1,326	1,621	99	1,336	1,400	934	2,694
4	4,319	836	1,754	2,020	1,294	1,342	1,577	578	1,247	1,492	1,073	3,017
5	4,160	611	1,122	2,245	1,030	1,244	1,481	799	1,194	1,501	1,072	3,040
6	4,181	770	1,072	2,074	1,055	1,206	1,533	915	1,300	1,490	977	3,204
7	4,091	762	1,439	1,917	1,089	1,304	1,725	843	1,451	1,603	985	3,292
8	4,032	807	1,618	1,789	1,368	1,401	1,865	142	1,507	1,890	1,081	3,258
9	3,486	768	1,705	1,879	1,475	1,291	1,759	60	1,375	1,623	1,012	2,320
10	3,252	708	1,624	1,724	1,527	1,162	1,633	35	1,356	1,459	889	2,029
11	3,051	678	1,661	1,593	1,451	1,105	1,642	261	1,399	1,488	724	1,842
12 MID	2,742	588	1,680	1,726	1,298	1,020	1,452	289	1,278	1,413	664	1,570
TOTAL	78,012	16,069	33,211	25,947	24,164	24,953	31,851	9,474	26,264	28,172	18,065	58,812

60TH STREET SECTOR, 1996 - OUTBOUND

HOURS	FDR DRIVE	YORK AVENUE	FIRST AVENUE	QUEENS-BORO BR RAMP	NEW STREET	THIRD AVENUE	PARK AVENUE	MADISON AVENUE	-CENTRAL FROM 60TH ST.	PARK DRIVE- FROM 6TH AVE.	DRIVE- FROM COL.CRL.	EIGHT AVENUE	THIRD AVENUE	AMSTER-DAM AVENUE	WEST END AVENUE	WEST SIDE HIGHWAY	TOTAL
12-1 AM	1,467	501	1,687	0	47	1,353	299	965	9	11	0	451	623	610	197	1,500	9,720
2	740	226	1,115	0	29	724	152	537	3	6	0	258	396	393	119	809	5,507
3	444	142	722	0	19	497	84	299	2	3	0	167	240	257	82	513	3,471
4	371	99	626	0	33	383	60	197	1	0	0	121	181	215	66	366	2,719
5	481	153	693	0	44	431	62	232	1	4	0	149	146	255	68	400	3,119
6	1,019	398	1,260	0	136	682	126	393	9	6	0	236	179	405	150	432	5,431
7	2,234	836	1,989	1,256	188	1,133	346	771	31	134	0	425	389	697	360	956	11,745
8	3,059	1,237	2,484	1,471	178	1,491	885	1,284	63	444	0	699	607	1,112	639	1,771	17,424
9	2,991	1,253	2,250	1,311	219	1,931	1,354	1,425	103	757	0	816	727	1,295	770	2,065	19,267
10	2,559	1,221	2,173	653	252	2,127	1,406	1,444	89	746	0	829	721	1,353	792	1,741	18,106
11	2,582	1,301	2,503	0	231	2,102	1,361	1,343	68	477	0	846	719	1,439	729	1,899	17,600
12 NOON	2,619	1,286	2,159	0	223	1,933	1,120	1,318	72	422	0	768	729	1,381	653	2,158	16,841
1 PM	2,716	1,414	2,343	0	253	1,974	1,129	1,422	104	489	0	823	696	1,306	525	2,432	17,626
2	2,882	1,497	2,377	0	225	1,831	1,009	1,459	110	495	0	826	681	1,340	589	2,709	18,030
3	3,256	1,667	2,603	0	254	1,581	1,220	1,490	121	577	0	926	687	1,440	603	3,161	19,586
4	3,611	1,618	2,445	0	238	1,565	1,460	1,561	107	915	0	905	727	1,583	665	3,850	21,250
5	3,778	1,478	2,402	0	244	1,579	1,422	1,503	103	1,183	0	929	780	1,645	797	4,081	21,924
6	3,790	1,513	2,695	0	247	1,941	1,374	1,698	150	1,369	0	1,093	975	1,954	908	4,144	23,851
7	3,647	1,435	2,664	0	233	2,166	1,629	2,013	121	1,403	0	1,216	1,081	2,055	978	4,150	24,791
8	3,557	1,504	2,643	0	224	2,240	1,422	2,064	56	0	0	1,278	1,041	1,931	1,011	3,828	22,799
9	3,094	1,638	2,662	0	138	2,273	1,961	2,121	34	0	0	1,182	887	1,592	560	3,469	21,611
10	2,802	1,462	2,648	0	113	2,135	1,522	2,045	18	0	0	1,007	885	1,321	414	3,119	19,491
11	2,545	1,237	2,532	0	141	2,041	1,333	1,970	11	529	0	959	929	1,288	436	3,186	19,137
12 MID	2,025	977	2,443	0	109	1,821	943	1,644	18	421	0	776	840	1,031	334	2,528	15,910
TOTAL	58,269	26,093	50,118	4,691	4,018	37,934	23,679	31,198	1,404	10,391	0	17,685	15,866	27,898	12,445	55,267	376,956

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

SE

1996 - INBOUND

HOURS	----- BROOKLYN SECTOR -----			--QUEENS SECTOR--			--N. J. SECTOR--	--S. I. SECTOR--	TOTAL	
	BROOKLYN			QUEENS						
	WILLIAMSBURGBRIDGE	MANHATTANBRIDGE	BROOKLYNBRIDGE	BATTERY TUNNEL	MIDTOWN TUNNEL	QUEENSBORIBRIDGE	HOLLAND TUNNEL	LINCOLN TUNNEL		ABOARD FERRY
12-1 AM	982	1,038	1,130	205	557	1,687	843	738	0	7,180
2	636	640	714	81	287	1,093	515	428	0	4,394
3	546	511	495	52	162	863	405	309	0	3,343
4	586	515	546	64	112	973	364	316	0	3,476
5	852	716	900	149	223	1,584	554	501	0	5,479
6	1,787	1,138	2,396	528	745	3,717	1,350	1,356	0	13,017
7	2,569	2,839	4,121	1,984	2,557	7,219	2,902	3,955	62	28,208
8	2,782	3,279	4,568	3,620	3,441	6,767	2,851	4,388	65	31,761
9	2,666	2,938	4,405	3,973	3,519	5,301	2,810	4,128	41	29,781
10	2,481	2,432	3,938	2,834	3,202	4,398	2,840	4,201	24	26,350
11	2,162	1,723	3,299	1,901	2,588	3,768	2,511	3,633	15	21,600
12 NOON	1,870	1,615	3,092	1,701	1,974	3,475	2,143	3,117	16	19,003
1 PM	1,703	1,560	2,988	1,560	1,697	3,278	2,030	2,739	8	17,563
2	1,973	1,577	3,060	1,319	1,759	3,351	1,980	2,623	0	17,642
3	2,294	1,790	3,598	1,705	1,631	3,715	2,126	2,555	7	19,421
4	2,371	1,624	3,500	1,650	1,698	3,492	2,417	2,659	14	19,425
5	2,380	1,697	3,514	1,615	1,775	3,497	2,704	2,437	17	19,636
6	2,548	1,645	3,597	1,641	1,884	3,927	2,806	1,979	0	20,027
7	2,501	1,633	3,550	1,366	2,009	4,421	2,729	2,341	30	20,580
8	2,188	1,371	3,177	1,099	1,588	3,818	2,460	2,559	6	18,266
9	1,871	1,317	2,999	774	946	3,010	1,891	1,888	10	14,706
10	1,850	1,409	2,924	674	907	3,113	1,806	1,688	7	14,378
11	1,988	1,749	2,660	621	906	3,193	1,742	1,638	0	14,497
12 MID	1,733	1,898	1,859	358	603	2,865	1,539	1,455	0	12,310
TOTAL	45,319	38,654	67,030	31,474	36,770	82,525	46,318	53,631	322	402,043

1996 - OUTBOUND

HOURS	----- BROOKLYN SECTOR -----			--QUEENS SECTOR--			--N. J. SECTOR--	--S. I. SECTOR--	TOTAL	
	BROOKLYN			QUEENS						
	WILLIAMSBURGBRIDGE	MANHATTANBRIDGE	BROOKLYNBRIDGE	BATTERY TUNNEL	MIDTOWN TUNNEL	QUEENSBORIBRIDGE	HOLLAND TUNNEL	LINCOLN TUNNEL		ABOARD FERRY
12-1 AM	1,873	1,843	1,190	1,065	1,027	4,190	985	1,380	0	13,553
2	1,032	1,157	821	428	429	2,988	653	743	0	8,251
3	639	749	536	209	220	1,926	522	469	0	5,270
4	431	597	409	147	146	1,387	599	346	0	4,062
5	444	639	400	125	163	1,382	1,127	366	0	4,646
6	639	1,044	930	131	370	1,683	2,028	643	0	7,468
7	1,479	1,234	2,209	228	760	2,394	2,511	1,564	25	12,404
8	1,833	1,515	3,135	445	1,053	2,623	2,528	2,040	47	15,219
9	1,914	1,597	3,230	598	996	2,521	2,095	1,801	40	14,792
10	1,510	1,537	2,831	774	1,029	2,318	2,035	1,956	27	14,017
11	1,534	1,778	2,712	795	1,176	3,023	2,084	2,018	12	15,132
12 NOON	1,543	1,614	2,692	761	1,231	3,258	2,156	2,295	26	15,576
1 PM	1,689	1,628	2,824	924	1,577	3,318	2,266	2,505	18	16,749
2	1,775	1,740	3,035	1,020	1,670	3,469	2,558	2,673	17	17,957
3	2,090	1,954	3,487	1,327	1,961	3,655	2,733	3,285	0	20,492
4	2,760	2,245	4,184	1,682	2,242	4,305	2,816	3,771	32	24,037
5	3,002	2,713	4,315	2,119	2,425	4,488	2,825	4,306	23	26,216
6	2,524	2,835	4,481	2,229	2,434	4,343	2,757	4,038	82	25,723
7	3,041	2,822	4,360	2,180	2,516	4,347	2,787	4,402	82	26,537
8	2,684	2,494	4,172	1,906	2,623	4,225	2,555	3,879	0	24,538
9	2,120	2,471	4,016	1,936	2,633	4,382	2,531	3,285	0	23,374
10	2,314	2,170	4,140	1,412	2,238	4,137	2,448	2,932	43	21,834
11	2,096	1,950	3,397	1,266	2,069	4,015	2,361	2,709	28	19,891
12 MID	2,102	2,017	1,336	794	1,742	4,176	1,783	2,622	0	16,572
TOTAL	43,068	42,343	64,842	24,501	34,730	78,553	49,743	56,031	502	394,313

SECTION F: FERRY AND TRAMWAY PASSENGERS BY FACILITY

RECAPITULATION, 1996-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	45	8	53
2	0	0	0	0	0	21	8	29
3	0	0	0	0	0	31	0	31
4	0	0	0	0	0	87	0	87
5	0	0	0	0	0	301	0	301
6	0	0	0	0	0	984	0	984
7	0	0	6	521	0	4,077	43	4,647
8	8	0	87	3,546	5	7,879	232	11,757
9	28	52	132	4,025	9	5,527	304	10,077
10	12	0	52	1,168	0	1,492	148	2,872
11	0	0	14	481	0	1,138	32	1,665
12 NOON	0	0	0	417	0	1,157	60	1,634
1 PM	0	0	0	396	0	826	55	1,277
2	0	0	0	305	0	834	45	1,184
3	0	0	0	176	0	892	79	1,147
4	0	0	9	209	0	867	76	1,161
5	8	0	14	273	0	897	92	1,284
6	0	0	11	510	0	739	114	1,374
7	0	0	2	331	0	539	62	934
8	0	0	2	213	0	374	36	625
9	1	0	0	47	0	331	45	424
10	0	0	0	47	0	334	51	432
11	0	0	0	32	0	250	27	309
12 MID	0	0	0	12	0	91	19	122
TOTAL	57	52	329	12,709	14	29,713	1,536	44,410

RECAPITULATION, 1996-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	12	0	354	27	393
2	0	0	0	0	0	180	3	183
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	16	0	229	14	259
8	0	0	3	234	0	358	36	631
9	0	0	4	370	0	484	54	912
10	0	0	2	169	0	333	73	577
11	0	0	0	140	0	361	22	523
12 NOON	0	0	0	148	0	449	30	627
1 PM	0	0	0	159	0	727	28	914
2	0	0	0	193	0	783	83	1,059
3	0	0	14	250	0	1,249	71	1,584
4	0	0	18	357	0	2,122	141	2,638
5	11	24	71	1,655	0	5,169	164	7,094
6	15	22	91	3,326	7	8,184	312	11,957
7	11	9	46	2,295	2	3,593	209	6,165
8	3	0	12	1,137	0	1,698	250	3,100
9	0	0	0	515	0	1,122	104	1,741
10	0	0	0	324	0	703	99	1,126
11	0	0	0	300	0	615	98	1,013
12 MID	0	0	0	210	0	342	42	594
TOTAL	40	55	261	11,810	9	29,296	1,860	43,331

SECTION G: BICYCLE VOLUMES BY FACILITY

RECAPITULATION, 1996-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	13	13
8	122	120	70	41	353
9	345	239	107	21	712
10	421	174	80	28	703
11	502	122	59	14	697
12 NOON	564	89	61	6	720
1 PM	584	78	64	1	727
2	561	75	55	0	691
3	600	54	52	0	706
4	650	81	49	29	809
5	653	91	42	1	787
6	615	66	60	0	741
7	452	48	32	9	541
8	0	0	0	0	0
9	0	0	0	3	3
10	0	0	0	0	0
11	0	0	0	0	0
12 MID	0	0	0	2	2
TOTAL	6,069	1,237	731	168	8,205

RECAPITULATION, 1996-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	13	13
8	87	26	14	41	168
9	159	26	25	21	231
10	276	41	25	28	370
11	366	33	18	14	431
12 NOON	490	31	28	6	555
1 PM	521	41	28	1	591
2	550	62	37	0	649
3	510	65	43	0	618
4	523	89	70	29	711
5	550	123	95	1	769
6	484	234	115	0	833
7	336	234	77	9	656
8	0	0	0	0	0
9	0	0	0	3	3
10	0	0	0	0	0
11	0	0	0	0	0
12 MID	0	0	0	2	2
TOTAL	4,852	1,005	575	168	6,600

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.

SECTION G: BICYCLE VOLUMES BY FACILITY

60TH STREET SECTOR, 1996-INBOUND

HOURS	SECOND AVENUE	EXINGTON AVENUE	PARK AVENUE	FIFTH AVENUE	SEVENTH AVENUE	BROADWAY	NINTH AVENUE	ELEVENTH AVENUE	TWELFTH AVENUE	TOTAL
12-1 AM	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	15	0	6	26	21	13	28	13	0	122
9	49	18	24	41	46	57	55	55	0	345
10	58	41	40	40	63	60	62	56	1	421
11	55	68	60	49	63	99	64	44	0	502
12 NOON	68	71	69	41	79	108	91	37	0	564
1 PM	62	85	84	44	55	127	103	24	0	584
2	57	88	73	48	66	94	110	25	0	561
3	45	77	42	41	86	142	133	33	1	600
4	47	82	95	35	96	109	150	35	1	650
5	45	80	69	54	105	135	125	40	0	653
6	53	53	80	47	111	134	101	36	0	615
7	51	29	43	59	76	96	76	21	1	452
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0
12 MID	0	0	0	0	0	0	0	0	0	0
TOTAL	605	692	685	525	867	1,174	1,098	419	4	6,069

60TH STREET SECTOR, 1996-OUTBOUND

HOURS	FIRST AVENUE	THIRD AVENUE	PARK AVENUE	MADISON AVENUE	SIXTH AVENUE	EIGHTH AVENUE	TENTH AVENUE	ELEVENTH AVENUE	TWELFTH AVENUE	TOTAL
12-1 AM	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	10	13	7	11	7	12	15	10	2	87
9	40	25	15	14	20	10	21	13	1	159
10	33	46	29	60	25	23	24	35	1	276
11	42	85	30	102	25	23	27	26	6	366
12 NOON	17	82	36	119	69	107	33	26	1	490
1 PM	17	94	55	134	72	98	26	22	3	521
2	22	119	52	114	97	86	38	18	4	550
3	26	95	36	117	100	63	42	28	3	510
4	32	86	40	124	106	72	38	25	0	523
5	30	101	35	139	92	66	54	29	4	550
6	33	56	42	126	66	81	46	28	6	484
7	37	30	30	62	32	73	48	19	5	336
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0
12 MID	0	0	0	0	0	0	0	0	0	0
TOTAL	339	832	407	1,122	711	714	412	279	36	4,852

SECTION G: BICYCLE VOLUMES BY FACILITY

1996-INBOUND

HOURS	- BROOKLYN SECTOR -		QUEENS SECTOR	- S. I. SECTOR -	TOTAL
	WILLIAMSBUR(BROOKLYN BRIDGE	(BROOKLYN BRIDGE	QUEENSBORO BRIDGE	ABOARD FERRY	
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	13	13
8	43	77	70	41	231
9	74	165	107	21	367
10	43	131	80	28	282
11	29	93	59	14	195
12 NOON	29	60	61	6	156
1 PM	27	51	64	1	143
2	31	44	55	0	130
3	15	39	52	0	106
4	22	59	49	29	159
5	26	65	42	1	134
6	20	46	60	0	126
7	20	28	32	9	89
8	0	0	0	0	0
9	0	0	0	3	3
10	0	0	0	0	0
11	0	0	0	0	0
12 MID	0	0	0	2	2
TOTAL	379	858	731	168	2,136

1996-OUTBOUND

HOURS	- BROOKLYN SECTOR -		QUEENS SECTOR	- S. I. SECTOR -	TOTAL
	WILLIAMSBUR(BROOKLYN BRIDGE	(BROOKLYN BRIDGE	QUEENSBORO BRIDGE	ABOARD FERRY	
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	13	13
8	11	15	14	41	81
9	10	16	25	21	72
10	7	34	25	28	94
11	9	24	18	14	65
12 NOON	16	15	28	6	65
1 PM	13	28	28	1	70
2	21	41	37	0	99
3	23	42	43	0	108
4	33	56	70	29	188
5	45	78	95	1	219
6	81	153	115	0	349
7	63	171	77	9	320
8	0	0	0	0	0
9	0	0	0	3	3
10	0	0	0	0	0
11	0	0	0	0	0
12 MID	0	0	0	2	2
TOTAL	332	673	575	168	1,748

LIST OF DATA SOURCES

Hub-Bound Travel report measures the number of persons and vehicles entering and leaving the Manhattan Central Business District by mode and hour. The count day is preferably a Wednesday in October, which is considered to be an average weekday in an average month. NYMTC is very grateful to the various agencies and their staff who provide basic travel data which are assembled, analyzed and published by NMYTC for this report.

The number of person-trips generated by each type of motor vehicle is determined from motor vehicle classification and occupancy surveys, with the results affected by vehicle types, time of entry and departure as well as points of crossing.

The first such survey was conducted by the Tri-State Regional Planning Commission and various transportation agencies. Data obtained in this manner were used from 1971 until 1982. During 1982, the services of a consulting firm were used to conduct another survey. These vehicle classification and occupancy rates were used in subsequent Hub-Bound reports, from 1982 through 1989. In 1990 a consulting firm was retained to conduct a new survey. These factors were applied to the total vehicle volumes for 1990 through 1995. In 1996 a consulting firm was retained to conduct a new survey. These new factors were applied to the total vehicles volumes for 1996.

Rail Rapid Transit

MTA New York City Transit (MTA NYC Transit) traffic checker at every one or two subway cars for each cordon location, with the data presented in hourly intervals for a 24-hour period.

Port Authority Trans-Hudson (PATH) turnstile entrance and exit registrations.

Bus Transit

MTA NYC Transit and Manhattan and Bronx Surface Transit Operating Authority (MaBSTOA) observation data and revenue-based information.

Port Authority of New York and New Jersey (PANYNJ) volumes.

New York City Department of Transportation (NYCDOT) for data on New York City private carriers.

Suburban Rail Transit

MTA Long Island Rail Road (MTA LIRR) stairway counts at Penn Station.

New Jersey Transit Corporation (NJ Transit) conductor on/off enumeration of passengers at Penn Station, New York..

MTA Metro-North Railroad Planning Department exit/entrance counts at Grand Central Terminal.

National Railroad Passenger Corporation (Amtrak) train counts at Penn Station and Grand Central Terminal.

Ferry Transit

NYCDOT Bureau of Ferry and General Aviation turnstile registrations and motor vehicle information for the Staten Island Ferry. The NYCDOT Office of Ferry Planning obtained and compiled travel data from private ferry operators in 1996, and made these figures available for the Hub-Bound Travel Survey. This is the eighth time in over two decades that private ferries have carried passengers to and from the CBD.

Aerial Tramway

Ropeway Engineering Professional Corporation. Roosevelt Island Tramway turnstile and gate volumes.

Bicycle

NYCDOT bicycle counts on typical summer weekday at bridges crossings and 50th Street screenlines.

Motor Vehicle

NYCDOT tube counts across 60th Street and East River non-toll bridges.

MTA Bridges and Tunnels East River toll facilities

Port Authority Hudson River toll facilities.

1996 Hub-Bound Travel Survey
Number of Moving Traffic Lanes
 Entering and Exiting Manhattan CBD

Facility	Inbound	Outbound	Remarks
FDR Drive	3	3	Bet 56-58 Sts, 2 outbound lanes
York Avenue	3	3	Including curb lanes
First Avenue	0	5	Not including curb lanes
New Street	0	2	Not including curb lanes
Second Avenue	5	0	Not including curb lanes
Third Avenue	0	5	Not including curb lanes
Lexington Avenue	3	0	Not including curb lanes
Park Avenue	3	3	Not including curb lanes
Madison Avenue	0	4	Including curb lanes
Fifth Avenue	3	0	Including one curb lane
East Drive (near 5th Ave.)	0	2	Open to official vehicles only
Center Drive (& 6th Ave.)	0	2	Closed 7pm-10pm
West Drive (& 7th Ave.)	4	0	
West Drive and Columbus Circle	0	2	Open to official vehicles only
Central Park West	0	4	Not including curb lanes
Broadway	4	4	Including curb lanes
Columbus Avenue	5	0	Not including curb lanes
Amsterdam Avenue	0	5	Not including curb lanes
West End Avenue	2	2	Not including curb lanes
West Side Highway	3	3	

1996 Hub-Bound Travel Survey
Number of Moving Traffic Lanes
 Entering and Exiting Manhattan CBD

Facility	Inbound	Outbound	Remarks
Brooklyn Bridge			
11:00pm-5:00pm	1	3	
All other times	3	3	
Manhattan Bridge			
6:15am-9:30am	4	2	
All other times	2	5	
Williamsburg Bridge	2	2	
Queensboro Bridge			
Mon-Fri 6:00am-9:30am	6	2	2 Inbound lanes for HOV's only
All other times	4	4	
Brooklyn-Battery Tunnel			
9:00pm-5:45am	1	1	
All other times	2	2	
Queens Midtown Tunnel			
10:00pm-6:00am	1	1	
All other times	2	2	
Holland Tunnel	2	2	
Lincoln Tunnel			
Mon-Fri approx. 6:00am-12:30pm	4	2	
Mon-Fri approx. 3:30pm-7:30pm	2	4	
All other times	2	2	

Source: NYCDOT