



HUB Bound Travel Data 2010

December 2011

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- MTA Bus Company
- New Jersey Transit
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- New York City Department of Transportation (NYC DOT) – for motor vehicles, bicycle, Staten Island Ferry, private buses and ferry data
- Roosevelt Island Operating Corporation of the State of New York – for Roosevelt Island tramway data

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The contents of this data tables reflect the views of the author, who is solely responsible for the accuracy of the data that is presented. Observations and opinions expressed do not necessarily represent the official views of the funding agencies or the State of New York. This report does not constitute a standard, specification or regulation.

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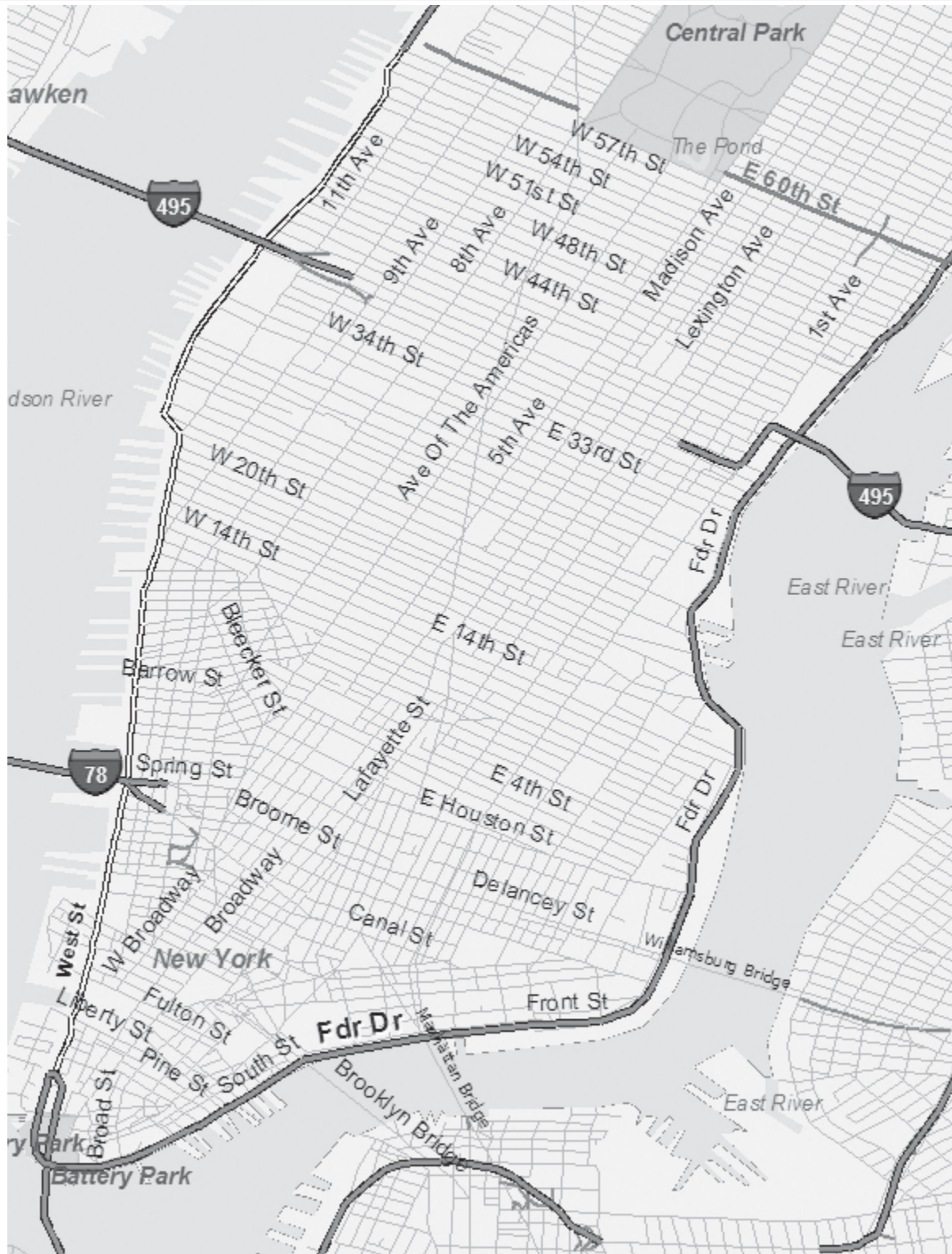
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MANHATTAN CENTRAL BUSINESS DISTRICT MAP



MANHATTAN CBD CORDON CROSSINGS BY SECTOR

60th Street Sector

Sixth Avenue
Seventh Avenue
Broadway and Seventh Ave – IRT
Eight Ave – IND
Columbus Avenue
Amsterdam Avenue
West End Avenue
West Side Highway

60th Street Sector

Fifth Avenue
Madison Avenue
Park Ave Metro-North Com. Rail
Lexington Avenue and IRT
Third Avenue
Second Avenue
First Avenue
York Avenue
Franklin D. Roosevelt Drive

Queens Sector

Sixty-Third St. Tunnel
Sixtieth St. Tunnel-BMT/IND
Queensboro Bridge-Tramway
Fifty-Third St. Tunnel-IND
Steinway Tunnel-IRT
Queens Midtown Tunnel-IRT
Amtrak/LIRR Tunnels

New Jersey Sector

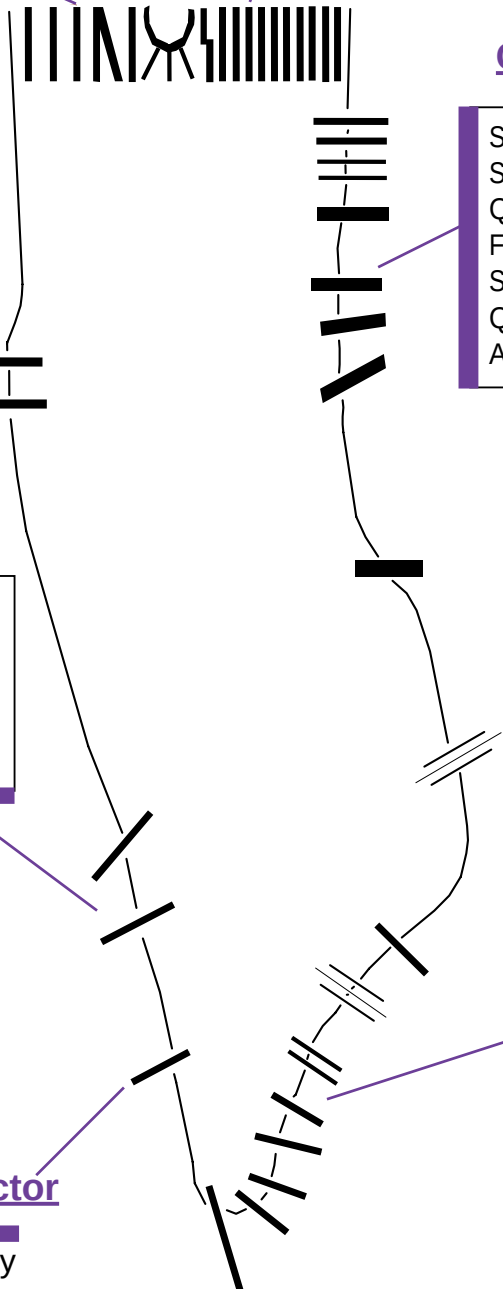
Lincoln Tunnel
Amtrak/N.J. Transit Tunnels
Uptown Path Tunnel
Holland Tunnel
Downtown Path Tunnel

Brooklyn Sector

Fourteenth St. Tunnel-BMT
Williamsburg Bridge-BMT
Rutgers Tunnel -IND
Manhattan Bridge -BMT
Brooklyn Bridge
Cranberry Tunnel -IND
Clark Tunnel -IRT
Montague Tunnel -BMT
Joralemon Tunnel -IRT
Brooklyn Battery Tunnel

Staten Island Sector

Staten Island Ferry



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Appendix I

Time Series Tables - 2010

Note: Some data for 1999 were lost on 9/11/01

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TABLE 1A
PERSONS AND VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY
BY MODE AND BY SECTOR FOR SELECTED YEARS (in thousands)

	1932		1940		1948		1956		1960		1963		1971		1975	
PERSONS BY MODE																
AUTO, TAXI, VAN & TRUCK	516	19.1%	619	18.9%	657	17.8%	828	25.0%	954	28.5%	846	25.7%	914	28.9%	895	29.8%
BUS	40	1.5%	150	4.6%	290	7.9%	243	7.3%	243	7.3%	252	7.7%	256	8.1%	232	7.7%
TROLLEY	88	3.3%	59	1.8%	24	0.7%	3	0.1%	-	-	-	-	-	-	-	-
SUBWAY	1,752	65.0%	2,169	66.3%	2,389	64.7%	1,970	59.5%	1,913	57.1%	1,977	60.1%	1,789	56.5%	1,679	55.8%
RAILROAD	216	8.0%	206	6.3%	283	7.7%	233	7.0%	203	6.1%	177	5.4%	172	5.4%	171	5.7%
PASSENGER FERRY	85	3.2%	68	2.08%	48	1.3%	36	1.1%	36	1.1%	38	0.0116	36	1.1%	31	1.0%
TOTAL	2,697	-	3,271	-	3,691	-	3,313	-	3,349	-	3,290	-	3,167	-	3,008	-
PERSONS BY SECTOR																
NORTH OF 60TH STREET	1,046	38.8%	1,320	40.4%	1,599	43.3%	1,422	42.9%	1,441	43.0%	1,388	42.2%	1,279	40.4%	1,209	40.2%
BROOKLYN	946	35.1%	1,074	32.8%	1,124	30.5%	950	28.7%	922	27.5%	919	27.9%	876	27.7%	806	26.8%
QUEENS	355	13.2%	538	16.4%	602	16.3%	613	18.5%	641	19.1%	615	18.7%	659	20.8%	661	22.0%
NEW JERSEY	309	11.5%	302	9.2%	326	8.8%	292	8.8%	306	9.1%	328	10.0%	316	10.0%	300	10.0%
STATEN ISLAND	41	1.5%	37	1.1%	40	1.1%	36	1.1%	39	1.2%	40	1.2%	37	1.2%	32	1.1%
TOTAL	2,697	-	3,271	-	3,691	-	3,313	-	3,349	-	3,290	-	3,167	-	3,008	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																
NORTH OF 60TH STREET	150	51.2%	191	54.4%	209	53.9%	259	49.9%	293	49.7%	273	48.8%	310	48.0%	288	45.9%
BROOKLYN	69	23.5%	84	23.9%	79	20.4%	126	24.3%	139	23.6%	124	22.2%	157	24.3%	157	25.0%
QUEENS	46	15.7%	40	11.4%	56	14.4%	71	13.7%	87	14.7%	89	15.9%	103	15.9%	104	16.6%
NEW JERSEY	26	8.9%	35	10.0%	43	11.1%	61	11.8%	69	11.7%	71	12.7%	75	11.6%	78	12.4%
STATEN ISLAND	2	0.7%	1	0.3%	1	0.3%	2	0.4%	2	0.3%	2	0.4%	1	0.2%	1	0.2%
TOTAL	293	-	351	-	388	-	519	-	590	-	559	-	646	-	628	-

TABLE 1A (continued)
PERSONS AND VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY
BY MODE AND BY SECTOR FOR SELECTED YEARS (in thousands)

	1980		1981		1982		1985		1986		1988		1990		1992	
PERSONS BY MODE																
AUTO, TAXI, VAN & TRUCK	930	30.9%	970	31.6%	1,069	33.1%	1,167	34.7%	1,137	33.5%	1,156	33.3%	1,112	33.5%	1,146	34.4%
BUS	253	8.4%	243	7.9%	275	8.5%	297	8.8%	267	7.9%	242	7.0%	238	7.2%	225	6.7%
SUBWAY	1,579	52.4%	1,614	52.5%	1,632	50.5%	1,641	48.8%	1,727	50.9%	1,798	51.7%	1,698	51.1%	1,699	50.9%
RAILROAD	218	7.2%	218	7.1%	214	6.6%	219	6.5%	224	6.6%	234	6.7%	228	6.9%	223	6.7%
PASSENGER FERRY	29	1.0%	25	0.8%	39	1.2%	34	1.0%	34	1.0%	41	1.2%	44	1.3%	41	1.2%
TRAM	4	0.1%	4	0.13%	4	0.1%	4	-	3	0.1%	4	0.0012	2	0.1%	1	0.0%
TOTAL	3,013	-	3,074	-	3,233	-	3,362	-	3,392	-	3,475	-	3,322	-	3,335	-
PERSONS BY SECTOR																
NORTH OF 60TH STREET	1,192	39.6%	1,217	39.6%	1,302	40.3%	1,337	39.8%	1,338	39.4%	1,405	40.4%				
BROOKLYN	806	26.8%	831	27.0%	858	26.5%	903	26.9%	915	27.0%	924	26.6%	1,299	39.1%	1,352	40.5%
QUEENS	655	21.7%	654	21.3%	654	20.2%	683	20.3%	695	20.5%	700	20.1%	903	27.2%	871	26.1%
NEW JERSEY	327	10.9%	342	11.1%	374	11.6%	401	11.9%	406	12.0%	403	11.6%	670	20.2%	677	20.3%
STATEN ISLAND	29	1.0%	26	0.8%	41	1.3%	34	1.0%	35	1.0%	39	1.1%	411	12.4%	402	12.1%
ROOSEVELT ISLAND	4	0.1%	4	0.1%	4	0.1%	4	0.1%	3	0.1%	4	0.1%	37	1.1%	33	1.0%
													2	0.06%	1	0.03%
TOTAL	3,013	-	3,074	-	3,233	-	3,362	-	3,392	-	3,475	-	3,322	-	3,336	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																
NORTH OF 60TH STREET	300	46.3%	320	47.1%	341	48.6%	363	47.1%	352	46.7%	361	47.1%				
BROOKLYN	159	24.5%	165	24.3%	166	23.7%	199	25.8%	192	25.5%	188	24.5%	349	45.9%	382	49.2%
QUEENS	105	16.2%	105	15.5%	99	14.1%	110	14.3%	111	14.7%	117	15.3%	206	27.1%	185	23.8%
NEW JERSEY	83	12.8%	88	13.0%	94	13.4%	97	12.6%	97	12.9%	99	12.9%	104	13.7%	108	13.9%
STATEN ISLAND	1	0.2%	1	0.1%	1	0.1%	1	0.1%	1	0.1%	1	0.1%	101	13.3%	101	13.0%
													1	0.13%		
TOTAL	648	-	679	-	701	-	770	-	753	-	766	-	761	-	776	-

TABLE 1A (continued)
PERSONS AND VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY
BY MODE AND BY SECTOR FOR SELECTED YEARS (in thousands)

	1993		1994		1995		1996		1997		1998		1999		2000	
PERSONS BY MODE																
AUTO, TAXI, VAN & TRUCK	1,124	33.8%	1,115	33.0%	1,138	33.4%	1,147	33.2%	1,233	34.5%	1,316	35.9%	1,302	34.7%	1,268	33.9%
BUS	219	6.6%	220	6.5%	216	6.3%	220	6.4%	238	6.6%	231	6.3%	237	6.3%	228	5.9%
SUBWAY	1,712	51.4%	1,765	52.2%	1,770	51.9%	1,790	51.8%	1,772	50.4%	1,817	49.5%	1,905	50.7%	1,989	51.1%
RAILROAD	226	6.8%	233	6.9%	236	6.9%	246	7.1%	251	7.0%	254	6.9%	274	7.3%	301	7.7%
PASSENGER FERRY	42	1.2%	42	1.2%	42	1.2%	41	1.2%	43	1.2%	43	1.1%	57	1.5%	46	1.2%
TRAM	7	0.2%	2	0.05%	2	0.0%	2	0.1%	1	0.1%	1	0.1%	1	0.0%	1	0.0%
BICYCLE									8	0.21%	8	0.22%	14	0.37%	6	0.20%
TOTAL	3,330	-	3,382	-	3,410	-	3,454	-	3,546	-	3,670	-	3,790	-	3,839	-
PERSONS BY SECTOR																
NORTH OF 60TH STREET	1,341	40.3%	1,359	40.2%	1,385	41.0%	1,376	40.1%	1,376	38.5%	1,419	38.7%	1,494	39.5%	1,484	39.6%
BROOKLYN	875	26.3%	868	25.7%	865	25.6%	883	25.7%	964	27.8%	991	27.0%	991	26.2%	1,040	27.1%
QUEENS	675	20.3%	696	20.6%	702	20.8%	705	20.5%	712	19.9%	764	20.8%	784	20.7%	787	21.3%
NEW JERSEY	408	12.2%	427	12.6%	425	12.6%	437	12.7%	460	12.9%	463	12.6%	481	12.7%	497	14.3%
STATEN ISLAND	32	1.0%	30	0.9%	30	0.9%	30	0.9%	31	0.9%	31	0.8%	39	1.0%	30	0.8%
ROOSEVELT ISLAND	-	-	2	0.05%	2	0.05%	2	0.06%	1	0.10%	1	0.04%	1	0.04%	1	0.04%
TOTAL	3,330	-	3,382	-	3,410	-	3,433	-	3,544	-	3,669	-	3,790	-	3,839	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																
NORTH OF 60TH STREET	370	48.6%	358	47.5%	361	47.9%	375	48.3%	377	46.6%	389	46.5%	393	46.6%	387	46.7%
BROOKLYN	182	23.9%	185	24.5%	189	25.1%	182	23.5%	199	24.6%	206	24.6%	203	24.1%	201.182	24.1%
QUEENS	107	14.1%	107	14.2%	117	15.5%	119	15.3%	131	16.2%	138	16.5%	135	16.0%	131	15.9%
NEW JERSEY	102	13.4%	104	13.7%	104	13.8%	100	12.9%	101	12.5%	102	12.2%	112	13.3%	105	13.4%
STATEN ISLAND	-	-	0	0.03%	0	0.03%	0	0.00%	1	0.07%	1	0.12%	1	0.12%	0	0.04%
TOTAL	760	-	755	-	772	-	776	-	809	-	836	-	844	-	825	-

TABLE 1A (continued)
PERSONS AND VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY
BY MODE AND BY SECTOR FOR SELECTED YEARS (in thousands)

	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
PERSONS BY MODE																				
AUTO, TAXI, VAN & TRUCK	998	28.8%	1,136	31.1%	1,179	32.6%	1,172	31.8%	1,016	28.5%	1,009	28.0%	993	26.5%	939	24.7%	951	26.4%	974	26.4%
BUS	257	7.4%	260	7.1%	261	7.2%	286	7.8%	280	7.8%	284	7.9%	291	7.8%	284	7.5%	274	7.6%	269	7.3%
SUBWAY	1,891	54.5%	1,878	51.4%	1,821	50.3%	1,887	51.2%	1,926	54.0%	1,944	54.0%	2,085	55.8%	2,195	57.8%	1,994	55.4%	2,066	56.0%
RAILROAD	288	8.3%	307	8.4%	288	7.9%	274	7.5%	284	8.0%	299	8.3%	305	8.1%	310	8.2%	300	8.3%	300	8.1%
PASSENGER FERRY	30	0.9%	67	1.8%	62	1.7%	53	1.4%	52	1.5%	49	1.4%	49	1.3%	53	1.4%	54	1.5%	55	1.5%
TRAM	1	0.0%	1	0.0%	1	0.0%	2	0.0%	2	0.1%	3	0.0	3	0.1%	3	0.1%	3	0.1%	0	0.0%
BICYCLE	6	0.17%	7	0.19%	9	0.26%	9	0.25%	9	0.25%	12	0.33%	15	0.39%	15	0.39%	21	0.58%	24	0.7%
TOTAL	3,471	-	3,657	-	3,621	-	3,682	-	3,569	-	3,600	-	3,740	-	3,799	-	3,597	-	3,688	-
PERSONS BY SECTOR																				
NORTH OF 60TH STREET	1,346	38.8%	1,395	38.2%	1,399	38.7%	1,386	37.6%	1,405	39.4%	1,401	38.9%	1,406	37.6%	1,465	38.6%	1,366	38.0%	1,385	37.6%
BROOKLYN	927	26.7%	987	27.0%	977	27.0%	1,012	27.5%	901	25.2%	909	25.2%	986	26.4%	989	26.0%	944	26.2%	981	26.6%
QUEENS	772	22.3%	765	20.9%	740	20.4%	752	20.4%	735	20.6%	742	20.6%	779	20.8%	778	20.5%	737	20.5%	748	20.3%
NEW JERSEY	424	12.2%	476	13.0%	473	13.1%	499	13.6%	493	13.8%	515	14.3%	536	14.3%	528	13.9%	515	14.3%	537	14.6%
STATEN ISLAND	0	0.0%	33	0.9%	30	0.8%	32	0.9%	33	0.9%	30	0.8%	30	0.8%	35	0.9%	36	1.0%	37	1.0%
ROOSEVELT ISLAND	1	0.03%	1	0.04%	1	0.04%	2	0.05%	2	0.06%	3	0.07%	3	0.08%	3	0.1%	-	-	-	-
TOTAL	3,471	-	3,657	-	3,621	-	3,682	-	3,569	-	3,600	-	3,740	-	3,799	-	3,597	-	3,688	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																				
NORTH OF 60TH STREET	369	53.5%	377	48.0%	383	47.3%	384	47.1%	377	47.2%	364	45.8%	353	45.1%	339	45.8%	343	45.7%	349	45.5%
BROOKLYN	133	19.3%	178	22.7%	185	22.9%	195	24.0%	187	23.5%	186	23.5%	192	24.5%	176	23.8%	182	24.3%	186	24.3%
QUEENS	127	18.4%	133	16.9%	139	17.2%	133	16.4%	133	16.7%	141	17.8%	136	17.4%	131	17.7%	137	18.3%	134	17.5%
NEW JERSEY	60	8.8%	97	12.3%	103	12.7%	102	12.6%	101	12.7%	103	12.9%	102	13.1%	94	12.7%	87	11.6%	98	12.8%
STATEN ISLAND	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.0%
TOTAL	689	-	785	-	810	-	815	-	798	-	794	-	783	-	739	-	750	-	767	-

Percentages may not total to 100 due to rounding

TABLE 1B
PERSONS ENTERING THE HUB ON A FALL BUSINESS DAY
BY MODE DURING 7AM - 10AM PERIOD FOR SELECTED YEARS (in thousands)

YEAR / MODE	1990		1991		1992		1993		1994		1995		1996		1997		1998		2000	
AUTO, TAXI, VAN & TRUCK	221	15.6%	220	15.5%	224	15.9%	216	15.6%	218	15.6%	219	15.8%	228	16.3%	252	17.8%	263	18.4%	259	17.0%
BUS	129	9.1%	126	8.9%	121	8.6%	121	8.8%	121	8.7%	119	8.6%	122	8.7%	117	8.3%	120	8.4%	131	8.6%
SUBWAY	877	61.8%	891	62.7%	873	62.1%	859	62.2%	866	62.0%	855	61.7%	858	61.2%	845	59.8%	839	58.5%	958	62.7%
RAILROAD	164	11.6%	159	11.2%	161	11.5%	159	11.5%	165	11.8%	165	11.9%	169	12.0%	171	12.1%	193	13.5%	154	10.1%
PASSENGER FERRY	26	1.8%	23	1.6%	25	1.8%	25	1.8%	24	1.7%	24	1.7%	24	1.7%	25	1.8%	15	1.0%	23	1.5%
TRAMWAY	1	0.1%	1	0.1%	1	0.1%	-	0.0%	1	0.1%	1	0.1%	0	0.0%	1	0.1%	1	0.1%	1	0.0%
BICYCLE											2	0.1%	2	0.1%	1	0.1%	2	0.1%	1	0.1%
TOTAL	1,418	-	1,420	-	1,405	-	1,381	-	1,396	-	1,385	-	1,403	-	1,412	-	1,433	-	1,536	-

YEAR / MODE	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
AUTO, TAXI, VAN & TRUCK	179	13.1%	220	15.6%	239	17.2%	228	16.6%	193	14.3%	193	14.5%	186	12.8%	180	12.4%	180	13.6%	186	13.7%
BUS	132	9.7%	138	9.8%	140	10.1%	136	9.9%	132	9.8%	135	10.1%	139	9.5%	134	9.2%	128	9.6%	124	9.2%
SUBWAY	851	62.2%	813	57.8%	787	56.7%	804	58.6%	809	60.2%	785	59.2%	918	62.9%	915	63.2%	804	60.6%	832	61.5%
RAILROAD	183	13.4%	196	13.9%	184	13.2%	172	12.5%	180	13.4%	184	13.8%	188	12.9%	187	12.9%	182	13.7%	179	13.2%
PASSENGER FERRY	21	1.5%	39	2.7%	36	2.6%	29	2.1%	28	2.1%	28	2.1%	24	1.6%	27	1.9%	27	2.0%	27	2.0%
TRAMWAY	0	0.0%	0	0.0%	1	0.0%	1	0.1%	1	0.1%	1	0.1%	1	0.1%	1	0.1%	1	0.1%	0	0.0%
BICYCLE	1	0.1%	2	0.1%	2	0.2%	2	0.2%	2	0.2%	2	0.1%	3	0.2%	4	0.3%	5	0.4%	5	0.4%
TOTAL	1,368	-	1,408	-	1,388	-	1,372	-	1,346	-	1,328	-	1,460	-	1,448	-	1,327	-	1,353	-

Percentages may not total to 100 due to rounding

TABLE 2
SHARE OF PEOPLE ENTERING THE HUB IN PEAK HOUR AND PEAK PERIOD TO TOTAL, BY MODE (as a percentage*)

YEAR	SHARE OF TOTAL DAILY ENTRIES BY OCCUPANTS					
	AUTO, TAXI, VAN, TRUCK		PUBLIC TRANSPORTATION		TOTAL SHARE	
	8-9 AM	7-10 AM	8-9 AM	7-10 AM	8-9 AM	7-10 AM
1960	8.6%	23.1%	32.2%	59.4%	25.3%	48.5%
1963	8.8%	22.7%	31.2%	58.2%	25.1%	48.4%
1973	8.0%	22.2%	31.4%	60.6%	24.3%	48.6%
1974	8.1%	22.8%	31.6%	59.5%	24.8%	48.8%
1975	8.1%	22.4%	30.1%	59.0%	24.3%	48.4%
1976	8.1%	22.2%	31.9%	59.6%	24.5%	47.9%
1977	8.3%	22.9%	32.3%	60.6%	24.8%	48.8%
1978	8.0%	22.5%	30.6%	58.7%	23.5%	47.5%
1979	8.1%	22.4%	30.8%	59.0%	23.8%	47.7%
1980	8.5%	23.1%	31.7%	60.2%	24.6%	48.8%
1981	8.4%	23.4%	31.1%	60.0%	23.9%	48.8%
1982	8.5%	23.4%	30.9%	59.3%	23.7%	47.9%
1983	8.4%	23.5%	30.3%	59.0%	23.2%	47.0%
1984	8.2%	23.1%	31.1%	59.9%	23.3%	47.4%
1985	7.9%	22.2%	30.5%	59.9%	22.6%	46.7%
1986	7.8%	22.1%	27.7%	56.7%	21.0%	45.1%
1987	7.8%	22.0%	26.6%	56.3%	20.2%	44.6%
1988	7.7%	21.6%	26.4%	56.0%	20.1%	44.5%
1989	7.6%	21.6%	27.1%	56.6%	20.8%	45.2%
1990	7.0%	19.9%	25.6%	54.2%	19.4%	42.7%
1991	6.9%	19.8%	25.9%	54.1%	19.6%	42.6%
1992	6.8%	19.5%	25.2%	53.9%	18.9%	42.1%
1993	6.6%	19.2%	24.8%	52.8%	18.7%	41.5%
1994	6.7%	19.5%	24.0%	52.0%	18.3%	41.3%
1995	6.7%	19.3%	23.8%	51.3%	18.1%	40.6%
1996	7.0%	19.9%	23.8%	50.9%	18.2%	40.6%
1997	7.3%	19.9%	23.3%	50.3%	17.6%	39.3%
1998	7.1%	20.0%	22.8%	48.9%	17.2%	38.5%
2000	7.4%	20.2%	22.0%	49.4%	17.0%	39.5%
2001	6.2%	17.9%	21.5%	48.1%	17.1%	39.4%
2002	6.6%	19.3%	21.3%	47.2%	16.8%	38.5%
2003	7.0%	20.2%	21.5%	47.2%	16.7%	38.3%
2004	6.6%	19.5%	20.8%	45.6%	16.2%	37.3%
2005	6.6%	19.0%	19.9%	45.2%	16.1%	37.7%
2006	6.6%	19.1%	19.5%	43.9%	15.8%	36.8%
2007	6.4%	18.8%	20.6%	45.6%	16.8%	38.4%
2008	6.7%	19.2%	20.0%	44.4%	16.7%	38.1%
2009	6.6%	18.9%	19.5%	43.5%	16.0%	36.9%
2010	6.7%	19.7%	19.1%	43.2%	15.7%	36.7%

* Percentages express the peak-period share of private motor vehicle and public transportation to total of 24-hour period person entries, respectively.

TABLE 3
TOTAL PERSONS ENTERING THE HUB DURING MORNING PEAK
HOUR, PEAK PERIOD AND CBD EMPLOYMENT

YEAR	24 HOURS	MORNING PEAK 7-10 AM	PEAK PERIOD 8-9 AM	CBD EMPLOYMENT*
1960	3,349,000	1,627,000	848,000	2,007,000
1971	3,179,000	1,574,700	805,300	1,913,000
1976	2,852,300	1,367,300	699,600	1,689,000
1977	2,862,300	1,395,600	708,600	1,673,000
1978	2,870,300	1,360,400	675,700	1,722,000
1979	2,931,000	1,417,200	705,600	1,758,000
1980	3,013,000	1,467,300	739,200	1,777,000
1981	3,074,600	1,489,500	735,300	1,835,000
1982	3,233,400	1,509,500	749,100	1,852,000
1983	3,267,700	1,521,800	751,700	1,876,000
1984	3,274,100	1,551,100	763,300	1,915,000
1985	3,361,600	1,569,600	758,600	1,942,000
1986	3,392,300	1,530,100	713,000	1,964,000
1987	3,415,300	1,524,600	691,200	2,009,000
1988	3,474,500	1,547,400	700,300	1,987,000
1989	3,482,200	1,574,600	724,900	1,989,000
1990	3,321,700	1,418,200	642,800	1,967,000
1991	3,331,600	1,420,300	652,700	1,858,000
1992	3,336,000	1,404,000	629,400	1,810,000
1993	3,330,000	1,380,800	622,000	1,805,000
1994	3,382,500	1,396,200	619,800	1,821,000
1995	3,410,200	1,384,100	616,500	1,828,000
1996	3,455,700	1,403,800	629,600	1,850,000
1997	3,545,460	1,412,700	638,100	1,879,600
1998	3,670,000	1,415,000	630,900	1,940,000
1999	3,790,000	N/A	N/A	2,005,000
2000	3,840,000	1,524,000	661,680	2,152,000
2001	3,471,000	1,367,200	593,500	2,128,000
2002	3,658,919	1,461,540	633,000	1,971,000
2003	3,620,813	1,384,803	602,987	2,010,000
2004	3,682,207	1,372,142	598,138	2,064,000
2005	3,568,742	1,345,676	574,161	2,217,000
2006	3,599,747	1,326,241	569,355	2,241,000
2007	3,739,966	1,459,848	639,984	2,265,000
2008	3,798,984	1,445,679	633,704	2,288,477
2009	3,598,327	1,327,128	575,127	2,275,090
2010	3,688,432	1,352,456	580,733	2,259,803

* Estimated non-agricultural employment data estimated based on New York State Department of Labor.
 N/A Data were lost on 9/11/01

TABLE 4
CUMULATIVE NUMBER OF PERSONS AND MOTOR VEHICLES
IN THE HUB ON A FALL BUSINESS DAY

YEAR	PERSONS				MOTOR VEHICLES			
	MAXIMUM TRAVELER ACCUM.	CBD RESIDENTS*	MAXIMUM CBD ACCUM.	TIME OF MAXIMUM ACCUM.	MAXIMUM TRAVELER ACCUM.	CBD BASED VEHICLES *	MAXIMUM CBD ACCUM.	TIME OF MAXIMUM ACCUM.
1971	1,545,000	508,000	2,053,000	1:00 PM	109,500	96,400	205,900	1:00pm
1973	1,407,000	507,000	1,914,000	1:00 PM	89,300	92,800	182,100	2:00pm
1974	1,411,000	510,000	1,921,000	1:00 PM	85,700	90,000	175,700	2:00pm
1975	1,402,000	502,000	1,904,000	1:00 PM	84,400	88,500	172,900	2:00pm
1976	1,319,000	507,000	1,826,000	1:00 PM	93,500	82,300	175,800	1:00pm
1977	1,356,000	505,000	1,861,000	1:00 PM	97,400	79,600	177,000	2:00pm
1978	1,329,000	503,000	1,832,000	1:00 PM	96,900	79,800	176,700	2:00pm
1979	1,388,000	504,000	1,892,000	2:00 PM	101,500	79,000	180,500	2:00pm
1980	1,436,000	508,000	1,944,000	1:00 PM	101,500	77,400	178,900	2:00pm
1981	1,446,000	508,000	1,954,000	1:00 PM	97,400	78,200	175,600	2:00pm
1982	1,487,000	508,000	1,995,000	1:00 PM	102,100	78,600	180,700	2:00pm
1983	1,500,000	507,000	2,007,000	1:00 PM	105,800	77,800	183,600	1:00pm
1984	1,511,000	513,000	2,024,000	1:00 PM	125,300	77,900	203,200	2:00pm
1985	1,471,000	521,000	1,992,000	1:00 PM	104,000	81,000	185,000	1:00pm
1986	1,485,000	525,000	2,010,000	1:00 PM	107,200	85,000	192,200	1:00pm
1987	1,448,000	526,000	1,974,000	1:00 PM	110,900	86,200	197,100	2:00pm
1988	1,447,000	530,000	1,977,000	2:00 PM	100,800	87,800	188,600	1:00pm
1989	1,481,000	531,000	2,012,000	1:00 PM	101,300	88,300	189,600	2:00pm
1990	1,318,000	528,000	1,846,000	1:00 PM	101,800	90,100	191,900	1:00pm
1991	1,325,000	530,000	1,855,000	1:00 PM	102,300	88,400	190,700	1:00pm
1992	1,262,000	529,000	1,791,000	1:00 PM	96,300	84,600	180,900	1:00pm
1993	1,250,000	530,900	1,780,900	1:00 PM	94,100	85,800	179,900	2:00pm
1994	1,273,000	535,000	1,808,000	1:00 PM	97,100	86,100	183,200	2:00pm
1995	1,277,000	539,000	1,816,000	1:00 PM	94,100	86,100	180,200	2:00pm
1996	1,295,000	544,000	1,839,000	1:00 PM	94,000	85,900	179,900	1:00pm
1997	1,303,000	547,000	1,850,000	1:00 PM	101,000	89,000	190,000	2:00pm
1998	1,296,000	551,000	1,847,000	1:00 PM	104,000	95,100	199,100	2:00pm
2000	1,464,000	552,000	2,015,846	1:00 PM	103,367	91,080	194,447	2:00pm
2001	1,254,000	540,000	2,016,000	1:00 PM	67,093	91,080	156,228	2:00pm
2002	1,253,800	567,000	1,805,800	1:00 PM	60,181	91,080	151,261	2:00pm
2003	1,273,519	573,000	1,821,360	1:00 PM	86,909	91,740	178,649	2:00pm
2004	1,228,259	583,000	1,783,259	2:00 PM	91,551	91,575	183,126	1:00pm
2005	1,197,459	590,000	1,172,459	2:00 PM	85,119	97,350	182,469	1:00pm
2006	1,244,863	590,000	1,834,863	2:00 PM	89,847	97,350	187,197	1:00pm
2007	1,325,609	597,000	1,922,609	1:00 PM	88,623	98,505	187,128	1:00pm
2008	1,334,179	616,883	1,951,062	1:00 PM	79,198	101,786	180,984	1:00pm
2009	1,209,458	621,000	1,830,458	2:00 PM	78,305	102,465	180,770	1:00pm
2010	1,231,064	619,228	1,850,292	2:00 PM	78,173	75,637	153,810	1:00pm

* Estimated CBD resident and vehicle figures for 2004-2010 based on most current data available.

TABLE 5
TOTAL PUBLIC TRANSIT PASSENGERS AND BICYCLISTS
ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY, 2000-2010

6 - 1

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
BUS PASSENGERS											
60TH STREET SECTOR											
FDR DRIVE	-	-	-	-	-	-	-	-	-	-	-
YORK AVENUE	7,078	8,906	6,898	6,230	6,541	5,688	6,436	6,476	5,694	4,998	4,601
FIRST AVE/SECOND AVE	20,516	21,865	20,885	20,510	20,150	18,879	17,415	17,850	17,111	15,274	18,399
LEXINGTON AVE/THIRD AVE	19,245	22,526	18,587	17,955	18,979	20,032	18,255	16,291	14,904	15,845	14,650
MADISON AVE/FIFTH AVE	30,587	48,185	45,614	45,152	43,660	40,255	40,246	39,208	34,017	31,899	27,976
CENTRAL PK WEST	-	-	-	-	3,755	2,311	1,936	1,754	1,773	1,769	1,260
EIGHTH AVENUE	7,302	8,989	-	4,138	4,937	-	-	-	-	-	-
BROADWAY	12,117	14,722	12,610	12,296	6,858	13,994	13,751	13,796	12,524	12,501	11,540
COLUMBUS AVE/AMSTERDAM AVE	6,358	5,392	4,572	3,934	4,266	4,447	4,268	3,805	3,809	3,460	3,509
WEST END AVENUE	2,097	2,687	2,119	2,188	2,071	2,176	2,257	2,320	2,306	2,055	2,036
SECTOR TOTAL	105,300	133,272	111,285	112,403	111,217	107,782	104,564	101,500	92,138	87,801	83,971
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	3,052	2,297	3,063	3,478	3,196	3,085	2,725	2,006	1,673	1,624	(1)
MANHATTAN BRIDGE	1,015	937	919	1,110	1,055	1,025	966	1,143	1,104	941	(1)
BROOKLYN BATTERY TUNNEL	42,605	51,178	57,553	60,257	61,849	54,365	56,585	54,443	54,961	47,103	47,006
SECTOR TOTAL	46,672	54,412	61,535	64,845	66,100	58,475	60,276	57,592	57,738	49,668	47,006
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	16,965	17,625	14,249	14,832	14,099	13,897	13,821	12,503	13,350	11,922	10,477
QUEENSBORO BRIDGE	17,377	20,455	16,855	16,981	17,695	18,943	19,437	30,957	15,999	14,162	11,902
SECTOR TOTAL	34,342	38,080	31,104	31,813	31,794	32,840	33,258	43,460	29,349	26,084	22,379
NEW JERSEY SECTOR											
HOLLAND TUNNEL	14,807	6,144	32,986	32,507	29,165	30,493	30,156	31,254	30,372	39,125	42,516
LINCOLN TUNNEL	257,065	270,831	278,831	284,489	330,936	320,870	323,358	321,901	328,975	329,550	332,382
SECTOR TOTAL	271,872	276,975	311,817	316,996	360,101	351,363	353,514	353,155	359,347	368,675	374,898
TOTAL BUS PASSENGERS	458,186	502,739	515,741	526,057	569,212	550,460	551,612	555,708	538,572	532,228	528,254

(1) - The B51 serves the Manhattan bridge and B39 serves the Williamsburg bridge were discontinued in June 2010

TABLE 5 (continued)
TOTAL PUBLIC TRANSIT PASSENGERS AND BICYCLISTS
ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY, 2000-2010

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
SUBWAY PASSENGERS											
60TH STREET SECTOR											
LEXINGTON AVENUE EXPRESS	300,899	312,473	320,534	319,384	307,149	326,309	316,427	333,511	362,887	315,458	336,589
LEXINGTON AVENUE LOCAL	328,145	326,617	317,512	306,344	308,575	325,848	350,220	356,158	375,782	336,156	325,009
EIGHTH AVENUE EXPRESS	225,443	223,484	240,539	223,148	236,076	223,296	254,554	242,080	261,309	239,780	254,352
EIGHTH AVENUE LOCAL	101,461	92,327	96,874	96,184	97,415	99,854	111,892	117,146	121,697	118,594	115,898
BROADWAY/7TH AVE EXPRESS	258,206	107,677	235,167	253,085	270,008	264,220	255,140	260,647	292,986	264,085	266,418
BROADWAY/7TH AVE LOCAL	237,117	293,601	228,164	214,778	210,844	211,275	230,279	235,659	236,796	215,900	218,013
SECTOR TOTAL	1,451,271	1,356,179	1,438,790	1,412,923	1,430,067	1,450,802	1,518,512	1,545,200	1,651,457	1,489,973	1,516,279
BROOKLYN SECTOR											
14TH STREET TUNNEL	163,549	159,771	167,472	166,911	179,382	160,273	186,532	218,035	204,379	190,536	195,146
WILLIAMSBURG BRIDGE	87,021	91,843	85,964	90,030	95,669	106,329	110,539	118,793	123,008	106,605	118,869
RUTGERS TUNNEL	125,533	140,095	135,123	127,796	119,608	107,495	120,241	128,915	125,738	119,775	127,514
MANHATTAN BRIDGE	270,321	258,327	227,934	250,242	291,391	305,442	336,620	346,144	375,358	360,574	375,606
CRANBERRY ST. TUNNEL	236,592	230,867	236,495	216,822	220,431	228,917	219,905	235,578	231,465	212,765	225,762
CLARK ST. TUNNEL	129,787	123,423	125,959	126,764	130,665	122,720	128,108	134,326	130,881	135,506	140,989
MONTAGUE ST. TUNNEL	127,688	80,052	82,759	84,107	70,759	62,245	62,832	63,793	65,579	63,028	59,675
JORALEMON ST. TUNNEL	175,815	197,364	164,511	163,787	174,052	159,614	164,618	172,737	177,643	182,529	184,787
SECTOR TOTAL	1,316,306	1,281,742	1,226,217	1,226,459	1,281,957	1,253,035	1,329,395	1,418,321	1,434,051	1,371,318	1,428,348
QUEENS SECTOR											
60TH STREET TUNNEL	249,173	249,367	247,699	233,901	222,822	249,282	240,949	257,016	274,258	253,730	264,694
53RD STREET TUNNEL	401,114	340,136	226,569	221,438	232,903	249,751	256,746	260,872	276,661	259,861	273,974
STEINWAY ST. TUNNEL	219,467	225,556	190,391	185,419	205,960	205,100	195,589	224,241	218,535	195,243	201,016
63RD STREET TUNNEL	20,722	13,460	157,410	153,682	151,738	144,357	157,292	171,310	151,162	164,556	171,082
SECTOR TOTAL	890,476	828,519	822,069	794,440	813,423	848,490	850,576	913,439	920,616	873,390	910,766
NEW JERSEY SECTOR											
PATH DOWNTOWN	143,897	-	-	-	67,653	73,373	84,586	107,509	105,271	100,234	106,131
PATH UPTOWN	96,921	179,214	141,266	130,821	100,885	106,054	115,650	121,374	125,041	117,069	126,033
SECTOR TOTAL	240,818	179,214	141,266	130,821	168,538	179,427	200,236	228,883	230,312	217,303	232,164
TOTAL SUBWAY PASSENGERS	3,898,871	3,645,654	3,628,342	3,564,643	3,693,985	3,731,754	3,898,719	4,105,843	4,236,436	3,951,984	4,087,557
SUBURBAN RAIL PASSENGERS											
AMTRAK & MTA METRO-NORTH RR	198,154	196,165	188,533	188,550	186,954	193,339	198,206	205,987	209,646	200,396	203,561
AMTRAK & MTA LIRR	266,898	240,322	264,719	225,118	223,836	224,778	230,453	236,865	240,945	229,674	226,428
AMTRAK & NJ TRANSIT	126,460	139,037	155,772	161,029	130,778	143,898	155,850	162,434	160,869	153,209	166,830
TOTAL RAIL PASSENGERS	591,512	575,524	609,024	574,697	541,568	562,015	584,509	605,286	611,460	583,279	596,819
FERRY PASSENGERS											
MANHATTAN & UPSTATE	93	670	2	3	-	-	-	97	150	85	-
BROOKLYN	118	-	1,905	1,783	597	342	368	422	905	467	300
QUEENS	359	-	474	444	280	280	84	109	116	55	55
STATEN ISLAND FERRY	60,583	-	64,759	59,360	61,804	63,070	61,118	64,187	71,390	73,146	74,028
NEW JERSEY	24,191	54,680	61,631	57,668	39,615	36,328	35,004	36,268	32,595	33,860	36,042
TOTAL FERRY PASSENGRS	85,344	55,350	128,771	119,257	102,297	100,020	96,574	101,083	105,156	107,613	110,425
ROOSEVELT ISLAND TRAMWAY	3,027	2,282	2,318	2,364	3,483	4,426	5,535	5,756	6,107	6,200	(2)
TOTAL PUBLIC TRANSIT PSGRS	5,041,114	4,781,550	4,884,195	4,787,019	4,910,544	4,948,675	5,136,949	5,373,676	5,497,731	5,181,304	5,323,055
BICYCLE	12,367	10,982	12,988	17,251	16,931	16,292	22,268	27,859	28,677	42,038	48,557

(2) - Data for Roosevelt Island Tramway not available due to closure of the aerial tramway for modernization in 2010

Note: Zeros displayed for PATH and ferry service from 2001-2003 reflect service suspended after 9/11/01. Zeros for Manhattan ferry service 2004-2006 reflect non-operational routes.

TABLE 6
TOTAL RAIL TRAINS ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY (2000-2010)

SECTOR AND FACILITY	2000		2001		2002		2003			2004			2005			2006			2007			2008			2009			2010		
	PEAK	OFF PEAK	PEAK	OFF PEAK	PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK
60TH STREET SECTOR																														
LEXINGTON AVE EXPRESS	138	450	128	482	128	480	65	63	503	64	64	497	70	67	491	65	61	495	66	62	504	68	67	485	66	54	472	54	68	474
LEXINGTON AVE LOCAL	116	420	101	430	105	408	51	54	418	56	54	448	54	54	447	55	50	440	56	50	441	56	55	451	53	51	467	53	52	460
EIGHTH AVE EXPRESS	103	437	92	443	94	473	48	46	473	49	48	497	48	47	476	49	46	485	48	46	477	48	47	475	50	47	454	49	45	485
EIGHTH AVE LOCAL	82	347	71	342	72	345	35	37	340	38	36	318	36	36	327	38	36	340	35	36	343	37	35	360	37	37	377	38	36	355
B'WAY/7TH AV EXPRESS	121	381	53	207	111	412	56	55	418	57	55	402	56	55	411	58	50	411	60	56	407	56	59	431	57	54	453	55	52	457
B'WAY/7TH AV LOCAL	90	388	118	578	86	402	45	41	391	40	30	397	45	42	372	45	39	401	43	42	404	45	42	413	47	40	409	44	39	414
AMTRAK/METRO-NORTH	249	283	217	319	218	332	115	103	332	114	102	338	116	103	345	115	103	365	119	104	372	120	105	377	120	104	378	119	104	377
SECTOR TOTAL	899	2,706	780	2,801	814	2,852	415	399	2,875	418	389	2,897	425	404	2,869	425	385	2,937	427	396	2,948	430	410	2,992	430	387	3,010	412	396	3,022
BROOKLYN SECTOR																														
14TH STREET TUNNEL	74	300	69	306	69	315	31	38	299	39	40	304	36	42	315	41	40	314	44	40	313	45	40	335	44	40	354	43	40	364
WILLIAMSBURG BRIDGE	82	340	86	357	86	360	43	43	354	42	44	332	42	42	343	42	43	345	43	44	343	43	44	369	42	43	370	43	43	394
RUTGERS ST. TUNNEL	71	312	66	309	66	316	37	29	308	35	35	314	36	34	307	33	35	307	35	34	315	36	31	307	33	34	314	36	35	318
MANHATTAN BRIDGE	140	552	154	549	154	612	67	87	616	94	87	762	98	90	758	100	90	750	100	93	748	97	94	770	96	89	766	98	92	804
CRANBERRY ST. TUNNEL	110	396	111	393	111	429	57	54	427	56	55	425	59	54	423	57	52	417	58	53	426	56	54	425	58	55	426	57	50	426
CLARK ST. TUNNEL	89	436	96	539	96	455	52	44	448	46	48	457	46	46	453	47	48	450	48	48	446	47	40	459	46	47	464	45	48	462
MONTAGUE ST. TUNNEL	116	444	97	446	97	444	57	40	439	43	42	271	43	43	271	43	42	297	43	43	272	40	43	271	43	44	273	24	26	185
JORALEMON ST. TUNNEL	112	409	110	410	110	402	56	54	423	58	54	439	63	58	429	62	57	424	61	58	432	56	59	464	56	61	468	50	62	454
SECTOR TOTAL	794	3,189	802	3,309	789	3,333	400	389	3,314	413	405	3,304	423	409	3,299	425	407	3,304	432	413	3,295	420	405	3,400	418	413	3,435	396	396	3,407
QUEENS SECTOR																														
60TH STREET TUNNEL	125	366	117	542	117	562	61	56	553	62	61	534	59	62	540	60	59	532	61	60	536	60	63	555	60	57	541	64	64	571
53RD STREET TUNNEL	189	556	134	608	118	500	62	56	504	61	62	500	60	59	494	61	45	501	61	61	484	61	57	492	69	58	483	62	61	494
STEINWAY ST. TUNNEL	144	417	136	451	132	448	66	66	460	68	63	459	65	64	455	68	64	446	68	61	463	67	64	482	67	64	488	68	63	489
63RD STREET TUNNEL	51	196	30	143	72	310	37	35	312	38	39	311	38	38	310	39	38	313	39	39	309	40	38	303	38	39	306	39	39	311
AMTRAK/LIRR TUNNEL	267	365	160	348	168	543	87	81	319	89	82	317	88	82	315	87	81	320	87	81	325	86	81	329	86	80	325	86	79	310
SECTOR TOTAL	776	1,900	577	2,092	607	2,363	313	294	2,148	318	307	2,121	310	305	2,114	315	287	2,112	316	302	2,117	314	303	2,161	320	298	2,143	319	306	2,175
NEW JERSEY SECTOR																														
PATH DOWNTOWN TUNNEL	220	506	-	-	-	-	-	-	-	48	50	357	60	58	390	64	63	381	65	65	388	65	65	388	63	65	378	66	65	377
PATH UPTOWN TUNNEL	148	392	69	281	69	222	36	33	279	57	54	431	60	61	401	60	60	403	60	59	403	60	59	403	60	58	402	60	58	400
AMTRAK/NJ TRANSIT TUNNELS	142	244	124	322	127	307	56	71	324	60	55	281	65	58	279	61	57	295	60	59	300	63	59	325	66	46	311	64	44	325
SECTOR TOTAL	510	1,142	193	603	196	529	92	104	603	165	159	1,069	185	177	1,070	185	180	1,079	185	183	1,091	188	183	1,116	189	169	1,091	190	167	1,102
GRAND TOTAL	2,979	8,937	2,352	8,805	2,406	9,077	1,220	1,186	8,940	1,314	1,260	9,391	1,343	1,295	9,352	1,350	1,259	9,432	1,360	1,294	9,451	1,352	1,301	9,669	1,357	1,267	9,679	1,317	1,265	9,706
SUBTOTAL, NYCT	1,953	7,147	1,973	8,138	2,020	8,202	1,018	1,002	8,289	1,051	1,021	8,455	954	933	7,622	963	895	7,668	969	926	7,663	958	932	7,847	962	914	7,885	922	915	7,917

Notes: Peak period for inbound travel is 7 am to 10 am and peak period for outbound travel is 4 pm to 7 pm; Off peak is the remainder of the 24 hour day.
Zeros displayed for PATH service from 2001-2003 reflect service suspended after 9/11/01.

TABLE 7
NUMBER OF RAIL CARS ON SUBWAY AND COMMUTER RAIL TRAINS
ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY (2000-2010)

SECTOR AND FACILITY	2000		2001		2002		2003			2004			2005			2006			2007			2008			2009			2010		
	PEAK	OFF PEAK	PEAK	OFF PEAK	PEAK	OFF PEAK	A.M. PEAK	P.M. PEAK	OFF PEAK	A.M. PEAK	P.M. PEAK	OFF PEAK	A.M. PEAK	P.M. PEAK	OFF PEAK	A.M. PEAK	P.M. PEAK	OFF PEAK	A.M. PEAK	P.M. PEAK	OFF PEAK	A.M. PEAK	P.M. PEAK	OFF PEAK	A.M. PEAK	P.M. PEAK	OFF PEAK	A.M. PEAK	P.M. PEAK	OFF PEAK
60TH STREET SECTOR																														
IRT LEXINGTON AVE EXPRESS	1,210	4,670	1,280	4,820	1,280	4,800	650	630	5,030	640	640	4,970	700	670	4,910	650	610	4,950	660	620	5,040	680	670	4,850	660	540	4,720	540	680	4,740
IRT LEXINGTON AVE LOCAL	1,010	4,350	1,010	4,300	1,050	4,080	510	540	4,180	560	540	4,480	540	540	4,470	550	500	4,400	560	500	4,410	560	550	4,510	530	510	4,410	530	520	4,600
IND EIGHT AVE EXPRESS	762	3,786	678	2,990	694	3,138	398	296	3,124	410	404	4,140	400	392	4,056	410	384	4,044	396	380	3,962	400	394	3,950	400	378	3,642	392	360	3,880
IND EIGHT AVE LOCAL	568	2,882	568	2,760	576	2,774	280	296	2,732	342	324	2,854	324	324	2,930	342	324	3,024	316	324	3,068	306	286	2,986	296	296	3,068	304	288	2,840
IRT B'WAY/7TH AV EXPRESS	1,038	3,735	530	2,070	1,110	4,120	560	550	4,180	570	550	4,020	560	550	4,110	580	500	4,110	600	560	4,070	560	590	4,310	570	540	4,530	550	520	4,570
IRT B'WAY/7TH AV LOCAL	780	4,000	1,180	5,780	860	4,020	450	410	3,910	400	300	3,970	450	420	3,720	450	390	4,010	430	420	4,040	450	420	4,130	470	400	4,040	440	390	4,140
AMTRAK/METRO-NORTH	1,335	2,361	1,526	2,093	1,494	2,179	823	671	2,174	812	671	2,194	842	697	2,306	835	718	2,536	851	731	(718)	864	744	2,648	856	726	2,588	826	709	2,517
SECTOR TOTAL	6,703	25,784	6,772	24,813	7,064	25,111	3,671	3,393	25,330	3,734	3,429	26,628	3,816	3,593	26,502	3,817	3,426	27,074	3,813	3,535	23,872	3,820	3,654	27,384	3,782	3,390	26,998	3,582	3,467	27,287
BROOKLYN SECTOR																														
BMT 14TH STREET TUNNEL	592	2,400	592	2,448	552	2,520	248	304	2,392	312	320	2,432	288	336	2,520	328	320	2,512	352	320	2,504	360	320	2,680	352	320	2,832	344	320	2,912
BMT WILLIAMSBURG BRIDGE	656	2,720	696	2,856	688	2,880	344	344	2,832	336	352	2,656	336	336	2,744	336	344	2,760	344	352	2,744	344	352	2,952	336	344	2,960	344	344	3,152
IND RUTGERS ST. TUNNEL	568	2,496	592	2,472	540	2,552	304	236	2,504	286	288	2,610	290	276	2,476	274	288	2,514	286	280	2,566	298	254	2,500	294	304	2,828	360	350	3,180
BMT MANHATTAN BRIDGE	1,216	4,730	1,224	4,666	1,326	5,202	580	746	5,218	804	746	6,468	848	784	6,444	860	774	6,344	880	816	6,475	852	830	6,753	842	780	6,708	882	828	7,294
IND CRANBERRY ST. TUNNEL	930	3,326	995	3,253	1,000	3,577	484	516	3,550	470	460	3,600	494	452	3,522	476	434	3,474	484	450	3,602	472	454	3,542	464	440	3,418	456	400	3,408
IRT CLARK ST. TUNNEL	844	4,162	960	5,390	960	4,550	520	440	4,480	460	480	4,570	460	460	4,530	470	480	4,500	480	480	4,460	470	400	4,590	460	470	4,640	450	480	4,620
BMT MONTAGUE ST. TUNNEL	970	3,772	860	3,942	850	3,838	490	360	3,838	352	344	2,074	352	346	2,204	354	336	2,394	352	346	2,252	324	344	2,257	350	352	2,289	192	208	1,480
IRT JORALEMON ST. TUNNEL	1,120	4,090	1,230	4,040	1,156	3,967	616	540	4,174	580	540	4,390	630	580	4,290	620	570	4,240	610	580	4,320	560	590	4,640	560	610	4,680	500	620	4,540
SECTOR TOTAL	6,896	27,696	7,149	29,067	7,072	29,086	3,586	3,486	28,988	3,600	3,530	28,800	3,698	3,570	28,730	3,718	3,546	28,738	3,788	3,624	28,923	3,680	3,544	29,914	3,658	3,620	30,355	3,528	3,550	30,586
QUEENS SECTOR																														
BMT 60TH STREET TUNNEL	874	3,356	1,070	4,604	1,056	4,732	524	532	4,726	498	524	4,538	518	550	4,704	524	522	4,598	546	536	4,735	528	566	4,974	556	538	5,046	571	592	5,256
IND 53RD STREET TUNNEL	1,342	5,228	1,298	5,218	1,136	4,636	574	562	4,626	564	572	4,640	556	548	4,576	564	414	4,646	566	562	4,494	564	528	4,564	548	554	4,762	574	566	4,590
IRT STEINWAY ST. TUNNEL	1,331	4,840	1,452	5,005	1,430	4,972	726	704	5,082	748	693	5,049	715	704	5,005	748	704	4,906	748	671	5,093	737	704	5,302	737	704	5,368	748	693	5,379
63RD STREET TUNNEL	380	2,082	250	1,480	518	2,608	296	222	2,598	318	324	2,552	304	312	2,514	324	314	2,556	328	324	2,532	340	318	2,520	334	342	2,750	390	390	3,110
AMTRAK/LIRR TUNNEL	1,601	3,729	1,514	3,074	1,618	4,843	831	787	2,967	851	796	2,962	839	802	2,958	833	796	3,108	662	727	5,757	858	834	3,292	864	824	3,286	860	820	3,136
SECTOR TOTAL	5,528	19,235	5,584	19,381	5,758	21,791	2,951	2,807	19,999	2,979	2,909	19,741	2,932	2,916	19,757	2,993	2,750	19,814	2,850	2,820	22,611	3,027	2,950	20,652	3,039	2,962	21,212	3,143	3,061	21,471
NEW JERSEY SECTOR																														
PATH DOWNTOWN TUNNEL	1,431	4,030	-	-	-	-	-	-	-	336	350	2,499	420	406	2,730	448	441	2,667	1,358	1,358	-	455	455	2,716	441	455	2,646	462	455	2,639
PATH UPTOWN TUNNEL	868	2,856	483	1,966	483	1,551	252	231	1,952	399	378	3,017	420	427	2,807	420	420	2,821	1,407	1,414	-	420	413	2,821	420	406	2,814	420	406	2,800
AMTRAK/IND TRANSIT TUNNELS	986	1,869	948	2,044	995	1,926	462	533	2,037	502	464	2,147	572	499	2,158	490	472	2,251	508	491	2,275	538	498	2,553	568	393	2,479	545	344	2,574
SECTOR TOTAL	3,285	8,755	1,431	4,010	1,478	3,476	714	764	3,989	1,237	1,192	7,663	1,412	1,332	7,695	1,358	1,333	7,739	3,273	3,263	2,275	1,413	1,366	8,090	1,429	1,254	7,939	1,427	1,205	8,013
GRAND TOTAL	22,412	81,470	20,936	77,270	21,372	79,464	10,922	10,450	78,306	11,550	11,060	82,832	11,858	11,411	82,684	11,886	11,055	83,365	13,724	13,242	77,681	11,940	11,514	86,040	11,908	11,226	86,504	11,680	11,283	87,357
TOTAL, NYCTA	15,403	60,786	16,191	66,625	16,782	68,966	8,554	8,228	69,176	8,650	8,401	70,013	8,765	8,580	69,725	8,860	8,208	69,982	8,938	8,521	70,367	8,805	8,570	72,010	8,759	8,422	72,691	8,567	8,549	73,691

Note: Peak period for inbound travel is 7 am to 10 am and peak period for outbound travel is 4 pm to 7 pm; Off peak is the remainder of the 24 hour day.

TABLE 8
AVERAGE FLOOR SPACE PER PASSENGER ENTERING THE HUB
ON A FALL BUSINESS DAY, DURING 8AM-9AM PEAK HOUR (2000-2010)
(in square feet)

MODE / YEAR	2000	2001	2002	2003	2004	2005	2006	2007**	2008**	2009	2010
60TH STREET SECTOR											
SUBWAY-EXPRESS	4.4	4.8	4.7	4.8	5.0	5.3	5.3	4.8	4.5	5.3	4.9
SUBWAY-LOCAL	5.3	5.8	6.6	6.2	6.3	5.8	6.2	5.6	5.7	7.0	6.3
SUBURBAN RAIL	10.4	9.8	10.0	10.2	7.4	7.3	7.3	7.2	7.1	7.3	7.1
BUS	9.1	7.2	9.1	8.9	9.6	9.4	9.6	9.8	11.8	11.3	11.0
SECTOR AVERAGE	6.1*	6.1	6.6	6.5	6.4	6.3	6.4	5.7	5.6	6.5	5.9
BROOKLYN SECTOR											
SUBWAY	5.1	6.2	6.5	6.9	6.6	7.3	7.1	5.6	5.6	5.4	5.5
BUS	10.0	8.3	7.7	7.6	7.4	8.1	7.6	7.8	8.8	8.5	7.2
SECTOR AVERAGE	5.6*	6.4	6.6	7.0	6.6	7.4	7.1	5.7	5.8	5.5	5.6
QUEENS SECTOR											
SUBWAY	9.3*	12.1	5.7	5.7	5.3	5.8	5.4	5.0	5.3	6.0	6.2
SUBURBAN RAIL	12.1	8.1	9.6	8.9	5.1	6.7	6.4	6.5	6.5	6.9	6.9
BUS	9.6*	8.2	9.9	9.0	8.8	8.9	8.9	8.9	10.3	10.7	10.6
SECTOR AVERAGE	9.9*	10.8	7.1	6.8	6.1	6.5	6.2	5.5	5.8	6.4	6.5
NEW JERSEY SECTOR											
SUBWAY	8.8	2.4	1.2	1.7	9.0	10.0	9.2	4.3	4.3	4.9	4.8
SUBURBAN RAIL	9.6*	8.7	7.5	8.0	7.6	7.0	5.5	6.5	7.0	6.9	7.5
BUS	9.5	9.7	9.5	9.3	9.2	9.2	9.2	9.2	9.2	9.2	9.2
SECTOR AVERAGE	7.2*	6.9	4.8	5.2	8.6	9.1	8.3	6.9	7.0	7.3	7.3
STATEN ISLAND FERRY	15.1	N/A	11.2	12.7	12.7	12.9	13.3	17.7	12.8	12.7	12.8
ROOSEVELT ISLAND TRAMWAY	12.1	16.1	11.5	11.3	6.2	5.5	4.7	4.1	4.2	4.3	-
ALL TRANSIT MODES	7.2*	7.5	6.3	6.4	6.9	7.2	6.8	5.9	6.0	6.4	6.2

* Approach for calculation of total was changed in 2000.

** 2007 and 2008 data have been revised.

TABLE 9
EXPRESS AND LOCAL BUSES AND BUS PASSENGERS ENTERING THE HUB
ON A FALL BUSINESS DAY (2000-2010)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
BUS PASSENGERS											
EXPRESS BUS											
NEW YORK CITY	37,670	55,339	51,667	53,510	57,102	53,181	54,809	50,990	52,911	43,841	46,857
WEST OF HUDSON	134,378	137,019	153,030	152,374	179,408	181,272	183,782	186,838	190,979	190,548	193,768
NORTH OF NYC	1,972	1,972	1,943	1,944	1,556	1,432	1,508	1,404	1,092	1,038	424
TOTAL EXPRESS BUS	174,020	194,330	206,640	207,828	238,066	235,885	240,099	239,232	244,982	235,427	241,049
LOCAL BUS	54,229	60,438	53,840	52,897	47,584	44,170	43,909	51,664	39,102	38,339	27,614
TOTAL BUS PASSENGERS	228,249	254,768	260,480	260,725	285,650	280,055	284,008	290,896	284,084	273,766	268,663
NUMBER OF BUSES											
EXPRESS BUS											
NEW YORK CITY	1,702	1,674	1,672	1,617	1,800	1,754	1,763	1,733	2,038	1,671	1,678
WEST OF HUDSON	6,590	6,682	7,318	7,281	7,227	7,318	7,388	7,529	7,627	7,687	7,838
NORTH OF NYC	112	112	108	109	89	89	89	84	104	92	34
TOTAL EXPRESS BUS	8,404	8,468	9,098	9,007	9,116	9,161	9,240	9,346	9,769	9,450	9,550
LOCAL BUS	3,077	2,967	2,876	2,867	2,521	2,414	2,372	2,530	2,290	2,389	1,872
TOTAL BUSES	11,481	11,435	11,974	11,874	11,637	11,575	11,612	11,876	12,059	11,839	11,422

TABLE 10
TOTAL PERSONS ENTERING AND LEAVING THE HUB BY AUTO, TAXI, VAN AND TRUCK
ON A FALL BUSINESS DAY (2000-2010)

VEHICLE OCCUPANTS / LOCATION	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
60TH STREET SECTOR											
EAST OF CENTRAL PARK											
FDR DRIVE	245,093	142,087	179,996	195,028	184,210	208,986	200,428	200,860	188,080	191,120	195,320
YORK AVENUE	57,173	53,714	52,795	54,045	45,171	41,246	44,385	46,082	43,955	45,159	45,796
SECOND AND FIRST AVENUES	142,075	119,025	113,038	110,861	103,270	113,288	117,836	114,985	110,593	113,193	104,044
QNSBORO BR RAMP	56,405	55,154	59,216	61,270	56,158	43,922	45,768	41,472	39,265	42,088	43,470
LEXINGTON AND THIRD AVENUES	115,300	87,233	79,277	88,612	80,565	83,608	82,515	79,543	75,900	79,201	76,017
PARK AVENUE	85,603	64,933	58,840	63,159	61,350	65,037	67,079	63,508	60,417	59,752	61,661
FIFTH AND MADISON AVENUES	110,957	95,297	85,483	87,504	88,839	83,804	83,649	76,002	74,404	74,272	79,140
SUBTOTAL	812,606	617,442	628,646	660,479	619,561	639,893	641,661	622,452	592,615	604,785	605,448
CENTRAL PARK DRIVES	39,141	28,510	34,755	36,048	57,160	50,851	42,780	14,926	13,622	13,036	13,302
WEST OF CENTRAL PARK											
EIGHTH AVE./CENTRAL PARK WEST *	30,928	23,086	-	-	-	-	-	26,134	25,462	25,310	27,141
BROADWAY	62,538	68,288	62,244	54,393	59,095	44,028	42,123	42,415	41,369	38,068	42,609
COLUMBUS AND AMSTERDAM AVE.	87,577	76,757	82,839	83,994	79,992	68,381	66,209	65,804	65,823	67,047	65,337
WEST END AVENUE	37,366	32,835	34,730	36,110	33,958	38,358	36,469	36,700	35,457	35,592	34,991
WEST SIDE HIGHWAY	159,255	119,680	139,403	153,378	153,633	148,761	148,250	141,300	131,664	133,185	134,233
SUBTOTAL	377,664	320,647	319,216	327,875	326,678	299,529	293,051	312,353	299,775	299,202	304,311
SECTOR TOTAL	1,229,410	966,599	982,617	1,024,403	1,003,398	990,272	977,492	949,731	906,012	917,023	923,061
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	219,960	163,663	214,027	206,465	217,812	135,358	135,449	139,723	134,976	136,911	140,873
MANHATTAN BRIDGE	110,746	106,404	96,355	107,661	115,525	109,626	101,481	99,788	96,103	98,074	101,963
BROOKLYN BRIDGE	206,174	131,303	165,507	183,811	186,110	166,567	160,187	165,751	156,084	157,799	156,005
BROOKLYN BATTERY TUNNEL	75,429	16,387	66,765	66,031	63,877	54,417	64,039	63,068	49,293	57,879	62,142
SECTOR TOTAL	612,310	417,757	542,653	563,968	583,323	465,967	461,156	468,330	436,456	450,663	460,983
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	117,233	105,652	122,837	126,728	129,240	123,179	128,849	126,458	120,133	123,794	126,930
QUEENSBORO BRIDGE	258,687	261,233	262,685	275,471	269,252	216,163	225,090	219,237	213,179	217,752	215,219
SECTOR TOTAL	375,921	366,885	385,522	402,199	398,492	339,341	353,939	345,696	333,312	341,546	342,149
NEW JERSEY SECTOR											
HOLLAND TUNNEL	122,025	54,247	110,198	121,170	115,095	114,853	116,648	119,016	110,113	109,834	117,204
LINCOLN TUNNEL	189,028	142,395	174,775	170,409	167,730	157,300	158,284	151,391	136,940	117,907	137,517
SECTOR TOTAL	311,053	196,643	284,974	291,517	282,825	272,153	274,932	270,407	247,053	227,741	254,721
STATEN ISLAND FERRY **	855	-	-	-	-	-	-	-	-	-	
TOTAL, ALL FACILITIES	2,529,549	1,947,884	2,195,765	2,282,087	2,268,038	2,067,734	2,067,518	2,034,163	1,922,833	1,936,973	1,980,914

* Beginning in 2007, this report classifies Central Park West with the group "West of Central Park". It has previously been included under Central Park Drives.

** After 2000, cars were no longer permitted on the Staten Island Ferry.

TABLE 11
MOTOR VEHICLES (AUTOS, TAXIS, VANS, & TRUCKS)
ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY (2000-2010)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
EAST OF CENTRAL PARK											
FDR DRIVE	161,232	121,933	154,272	154,272	157,793	160,090	153,542	154,252	144,425	146,660	149,789
YORK AVENUE	39,845	40,120	39,450	40,429	34,091	34,335	34,570	36,268	34,560	35,473	35,883
SECOND AND FIRST AVENUES	93,080	95,691	90,743	88,942	82,610	85,499	89,217	86,933	83,584	85,394	77,900
QUEENSBORO BRIDGE RAMP	32,376	35,165	37,439	38,808	35,510	36,509	37,970	34,439	32,645	34,937	36,093
LEXINGTON AND THIRD AVENUES	72,403	68,192	61,956	69,460	63,260	62,119	61,263	59,311	56,583	59,010	56,808
PARK AVENUE	50,607	50,022	45,366	48,512	47,020	45,071	46,594	44,024	41,905	41,377	42,723
FIFTH AND MADISON AVENUES	67,468	64,648	58,412	59,369	58,460	55,422	55,420	50,399	49,350	49,192	52,390
SUBTOTAL	517,011	475,771	487,638	499,792	478,744	479,045	478,576	465,626	443,052	452,043	451,586
CENTRAL PARK DRIVES	21,362	15,520	18,902	19,645	19,434	13,433	9,445	8,156	7,420	7,301	7,417
WEST OF CENTRAL PARK											
CENTRAL PARK WEST	16,194	16,194	16,590	14,642	14,519	15,081	14,440	14,774	14,371	14,302	15,330
BROADWAY	40,535	40,535	40,535	40,535	35,066	32,814	31,391	31,624	30,800	28,462	31,795
COLUMBUS AND AMSTERDAM AVES.	54,387	54,387	58,770	59,552	56,531	51,725	50,080	49,800	49,822	50,707	49,447
WEST END AVENUE	32,339	25,794	27,431	28,435	26,787	26,668	25,348	25,514	24,644	24,750	24,337
WEST SIDE HIGHWAY	95,063	95,063	110,993	122,107	122,484	129,678	129,311	123,231	114,848	116,285	117,143
SUBTOTAL	238,518	231,973	254,319	265,271	255,387	255,966	250,570	244,943	234,485	234,506	238,052
SECTOR TOTAL	776,891	723,264	760,859	784,708	753,565	748,444	738,591	718,725	684,957	693,850	697,055
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	108,456	82,013	103,175	100,062	110,360	106,865	106,869	110,412	106,647	108,077	111,189
MANHATTAN BRIDGE	75,720	72,998	66,087	73,699	79,062	80,303	74,554	73,139	70,276	71,872	74,777
BROOKLYN BRIDGE	147,767	95,586	121,145	134,444	137,563	132,210	126,805	131,551	123,781	125,021	123,640
BROOKLYN BATTERY TUNNEL	64,009	12,213	55,374	54,649	52,839	47,476	55,840	54,989	43,010	50,440	54,097
SECTOR TOTAL	395,952	262,810	345,781	362,854	379,824	366,854	364,068	370,091	343,714	355,410	363,703
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	80,170	72,256	82,279	84,865	86,057	85,521	89,435	87,792	83,481	85,704	88,231
QUEENSBORO BRIDGE	181,954	175,470	175,437	184,008	179,515	177,678	185,199	180,326	175,299	179,125	176,903
SECTOR TOTAL	262,124	247,726	257,716	268,873	265,572	263,199	274,634	268,118	258,780	264,829	265,134
NEW JERSEY SECTOR											
HOLLAND TUNNEL	100,441	43,121	91,010	99,608	94,956	95,675	97,146	99,146	91,186	91,508	97,658
LINCOLN TUNNEL	118,121	94,407	117,363	115,187	112,105	113,636	114,363	109,434	99,043	85,462	99,538
SECTOR TOTAL	218,562	137,528	208,374	214,795	207,061	209,311	211,509	208,580	190,228	176,970	197,196
STATEN ISLAND FERRY	855	-	-	-	-	-	-	-	-	-	-
TOTAL, ALL FACILITIES	1,669,454	1,371,684	1,570,108	1,631,230	1,606,022	1,587,808	1,588,802	1,565,514	1,477,679	1,491,059	1,523,088

TABLE 12
REVERSE TRAVEL FROM THE HUB DURING AM PEAK PERIOD (7AM - 10AM)
ON A FALL BUSINESS DAY (1979-2010), BY MODE AND BY SECTOR

YEAR / SECTOR / MODE	1979	1980	1981	1982	1983	1984	1985	1986	1987	1989	1990	1991	1992	1993	1994
SECTOR															
60TH STREET	128,330	133,962	140,412	148,232	162,126	155,112	168,861	163,648	163,848	176,201	177,467	180,561	191,695	189,046	187,388
BROOKLYN	39,161	36,856	54,317	56,322	64,905	57,884	62,090	69,329	70,805	71,506	76,200	77,473	81,707	82,213	79,505
QUEENS	54,620	53,537	36,109	38,825	38,218	39,530	43,179	45,569	46,254	44,271	54,197	47,842	52,175	49,237	48,454
NEW JERSEY	30,757	30,012	30,775	32,319	29,721	33,187	36,722	36,323	35,990	38,752	39,206	38,598	41,431	42,553	43,703
STATEN ISLAND	1,734	655	579	852	1,112	1,034	740	1,362	1,424	1,569	1,810	1,513	1,277	1,327	1,325
ROOSEVELT ISLAND	1,471	1,358	312	312	210	210	341	326	403	566	195	197	121	N/A	140
TOTAL, ALL SECTORS	256,073	256,380	262,504	276,862	296,292	286,957	311,933	316,557	318,724	332,865	349,075	346,184	368,406	364,376	360,515
MODE															
AUTOS, TAXIS, VANS AND TRUCKS	108,110	113,705	117,963	128,817	133,939	129,964	150,426	132,785	133,031	139,752	134,966	135,519	140,899	133,619	131,272
BUS	17,950	17,671	14,847	18,156	22,952	23,070	22,708	21,669	21,710	20,723	21,185	21,512	20,099	20,403	20,671
SUBWAY	119,197	114,578	119,617	119,642	131,140	125,422	129,762	152,443	153,460	159,919	181,187	177,185	196,036	196,775	195,759
SUBURBAN AND INTERCITY RAIL	7,734	8,489	9,259	9,138	6,961	7,292	7,960	8,021	8,823	9,034	8,597	8,730	9,470	10,773	9,933
FERRY	1,661	579	506	797	1,090	999	696	1,313	1,297	2,871	2,945	3,041	1,781	1,853	2,007
TRAMWAY	1,471	1,358	312	312	210	210	341	326	403	566	195	197	121	N/A	140
BICYCLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	734
TOTAL, ALL MODES	256,123	256,380	262,504	276,862	296,292	286,957	311,893	316,557	318,724	332,865	349,075	346,184	368,406	363,423	360,516
YEAR / SECTOR / MODE	1995	1996	1997	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
SECTOR															
60TH STREET	178,902	184,943	193,538	198,871	213,112	196,583	201,639	204,083	208,617	196,711	203,671	205,101	209,440	209,889	214,799
BROOKLYN	81,894	78,563	106,224	78,439	83,366	75,700	82,879	83,394	90,479	86,563	86,400	87,699	89,927	90,983	94,717
QUEENS	52,097	53,800	62,721	50,837	61,059	57,976	65,462	62,654	63,851	60,267	57,249	60,726	61,356	62,020	64,368
NEW JERSEY	41,909	44,617	44,331	37,532	40,239	36,331	57,729	43,162	60,749	75,744	79,797	61,905	59,373	68,418	74,299
STATEN ISLAND	1,370	1,404	1,673	1,766	1,523	0	1,653	1,515	1,578	1,576	2,448	1,949	2,042	2,033	2,047
ROOSEVELT ISLAND	125	163	117	124	134	101	59	60	139	208	241	196	222	-	-
TOTAL, ALL SECTORS	356,297	363,490	408,604	367,569	399,433	366,692	409,421	394,868	425,413	421,069	429,806	417,576	422,360	433,343	450,230
MODE															
AUTOS, TAXIS, VANS AND TRUCKS	135,193	133,044	180,561	144,976	155,392	122,041	154,761	147,747	146,890	136,733	136,817	135,632	133,307	131,944	137,728
BUS	20,383	21,457	22,923	19,581	15,300	20,133	21,203	20,825	36,161	35,995	35,130	30,322	27,150	38,496	39,114
SUBWAY	188,513	195,647	190,931	184,243	216,393	211,286	215,438	209,509	222,537	229,243	236,922	229,973	239,985	241,007	250,374
SUBURBAN AND INTERCITY RAIL	9,075	10,452	11,140	15,367	9,128	11,267	12,820	11,374	15,382	14,831	15,712	16,532	17,285	16,648	17,504
FERRY	1,994	1,957	2,003	2,378	2,538	1,370	4,330	3,969	3,340	3,134	3,945	3,858	3,327	3,196	3,533
TRAMWAY	125	163	117	124	134	101	59	60	139	208	241	196	222	202	0
BICYCLE	1,014	769	929	900	548	495	865	1,397	964	925	1,039	1,063	1,276	1,850	1,977
TOTAL, ALL MODES	356,297	363,489	408,604	367,569	399,433	366,694	409,476	394,880	425,413	421,069	429,806	417,576	422,552	433,343	450,230

Note: Persons leaving the Hub during 7am - 10am peak period and traveling contrary to the predominant direction of travel.
 Data for 1999 were lost on 9/11/01.

TABLE 13A
TRI-STATE REGION - POPULATION

	POPULATION (in thousands)								PERCENT CHANGE							
	2003	2004	2005	2006	2007	2008	2009	2010	2010/ 2003	2010/ 2004	2010/ 2005	2010/ 2006	2010/ 2007	2010/ 2008	2010/ 2009	2010/ 2009
CONNECTICUT REGION																
3 COUNTIES	1,920	1,924	1,925	1,926	1,929	1,929	1,938	1,969	2.6%	2.4%	2.3%	2.3%	2.1%	2.1%	1.6%	
census figures																
NEW JERSEY																
9 COUNTIES	5,518	5,527	5,527	5,520	5,529	5,519	5,531	5,617	1.8%	1.6%	1.6%	1.8%	1.6%	1.8%	1.6%	
NEW YORK STATE																
MANHATTAN CBD*	570	573	583	590	597	617	621	619	8.6%	8.1%	6.2%	5.0%	3.7%	0.4%	-0.3%	
NYC REMAINDER	7,574	7,612	7,631	7,661	7,678	7,747	7,771	7,556	-0.2%	-0.7%	-1.0%	-1.4%	-1.6%	-2.5%	-2.8%	
7 SUBURBAN COUNTIES	4,783	4,795	4,787	4,779	4,777	4,888	4,908	4,864	1.7%	1.4%	1.6%	1.8%	1.8%	-0.5%	-0.9%	
TOTAL	12,927	12,979	13,001	13,030	13,052	13,252	13,300	13,039	0.9%	0.5%	0.3%	0.1%	-0.1%	-1.6%	-2.0%	
TOTAL REGION	20,365	20,430	20,453	20,476	20,510	20,699	20,769	20,625	1.3%	1.0%	0.8%	0.7%	0.6%	-0.4%	-0.7%	

* CBD reflects NYMTC Model estimate. Data prior to 2005 reflects earlier projections. Data since 2005 reflects current model. The three Connecticut counties include New Haven, Fairfield, and Litchfield counties. The nine New Jersey counties include Bergen, Essex, Hudson, Middlesex, Monmouth, Morris, Passaic, Somerset and Union. The seven suburban counties of New York include Dutchess, Nassau, Orange, Putnam, Rockland, Suffolk and Westchester.

TABLE 13B
TRI-STATE REGION - EMPLOYMENT
(NON-AGRICULTURAL WAGE AND SALARY)

	EMPLOYMENT (in thousands)								PERCENT CHANGE							
	2003	2004	2005	2006	2007	2008	2009	2010	2010/ 2003	2010/ 2004	2010/ 2005	2010/ 2006	2010/ 2007	2010/ 2008	2010/ 2009	2010/ 2009
CONNECTICUT REGION																
3 COUNTIES	837	842	839	853	862	847	809	805	-3.8%	-4.4%	-4.1%	-5.7%	-6.6%	-5.0%	-0.5%	
NEW JERSEY																
9 COUNTIES	2,557	2,558	2,562	2,587	2,614	2,559	2,447	2,475	-3.2%	-3.3%	-3.4%	-4.3%	-5.3%	-3.3%	1.1%	
NEW YORK STATE																
MANHATTAN CBD*	2,055	2,064	2,217	2,241	2,265	2,288	2,204	2,260	10.0%	9.5%	1.9%	0.8%	-0.2%	-1.2%	2.5%	
NYC REMAINDER	1,384	1,404	1,297	1,340	1,414	1,391	1,364	1,448	4.6%	3.1%	11.7%	8.1%	2.4%	4.1%	6.2%	
7 SUBURBAN COUNTIES	1,990	2,016	2,018	2,047	2,070	2,035	1,962	2,020	1.5%	0.2%	0.1%	-1.3%	-2.4%	-0.7%	3.0%	
TOTAL	5,429	5,484	5,532	5,629	5,749	5,714	5,530	5,728	5.5%	4.5%	3.6%	1.8%	-0.4%	0.3%	3.6%	
REGION TOTAL	8,823	8,884	8,933	9,069	9,225	9,120	8,785	9,008	2.1%	1.4%	0.8%	-0.7%	-2.4%	-1.2%	2.5%	

* CBD reflects NYMTC Model estimate. Data prior to 2005 reflects earlier projections. Data since 2005 reflects current model. The three Connecticut counties include New Haven, Fairfield, and Litchfield counties. The nine New Jersey counties include Bergen, Essex, Hudson, Middlesex, Monmouth, Morris, Passaic, Somerset and Union. The seven suburban counties of New York include Dutchess, Nassau, Orange, Putnam, Rockland, Suffolk and Westchester.

Appendix II

Summary Tables - 2010

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TABLE 14 A
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2010
8-9 AM

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS (PUBLIC TRANSPORTATION & BICYCLE)	TOTAL PERSONS (ALL MODES)
	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM
60TH STREET SECTOR											
Franklin D. Roosevelt Drive	7,332	-	-	-	-	-	-	-	-	-	7,332
York Avenue	881	-	-	-	154	-	-	-	-	154	1,035
First Avenue	-	-	-	-	-	-	-	-	8	8	8
Second Avenue	2,921	-	-	919	192	-	-	-	72	1,183	4,104
Third Avenue	-	-	-	-	-	-	-	-	-	-	-
Lexington Avenue- IRT	1,854	24,736	23,100	150	731	-	-	-	32	48,749	50,603
Park Ave	2,211	-	-	-	-	30,492	-	-	16	30,508	32,719
Madison Avenue	-	-	-	-	-	-	-	-	2	2	2
Fifth Avenue	2,849	-	-	1,036	968	-	-	-	78	2,082	4,931
Sixth Avenue	-	-	-	-	-	-	-	-	1	1	1
Seventh Avenue	1,864	-	-	-	-	-	-	-	53	53	1,917
Broadway	1,207	21,305	14,779	48	547	-	-	-	96	36,775	37,982
Eight Ave	-	20,109	8,682	-	-	-	-	-	1	28,792	28,792
Columbus Avenue	1,806	-	-	-	106	-	-	-	64	170	1,976
Amsterdam Avenue	-	-	-	-	-	-	-	-	5	5	5
West End Avenue	1,385	-	-	-	155	-	-	-	16	171	1,556
West Side Highway	5,050	-	-	-	-	206	-	-	5	211	5,261
Hudson River Greenway	-	-	-	-	-	-	-	-	301	301	301
Queensboro Bridge Ramp	-	-	-	-	-	-	-	-	-	-	-
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	29,360	66,150	46,561	2,153	2,853	30,698	-	-	750	149,165	178,525
BROOKLYN SECTOR											
Fourthenth St. Tunnel-BMT	-	-	17,569	-	-	-	-	-	-	17,569	17,569
Williamsburg Bridge-BMT	3,732	-	12,407	-	-	-	-	-	416	12,823	16,555
Rutgers Tunnel-IND	-	-	12,259	-	-	-	-	-	-	12,259	12,259
Manhattan Bridge-BMT	3,508	20,560	19,607	-	-	-	-	-	343	40,510	44,018
Brooklyn Bridge	4,314	-	-	-	-	-	-	-	329	329	4,643
Cranberry Tunnel-IND	-	-	21,619	-	-	-	-	-	-	21,619	21,619
Clark Tunnel-IRT	-	-	13,405	-	-	-	-	-	-	13,405	13,405
Montague Tunnel-BMT	-	-	7,173	-	-	-	-	-	-	7,173	7,173
Joralemon Tunnel-IRT	-	-	19,363	-	-	-	-	-	-	19,363	19,363
Brooklyn Battery Tunnel	3,256	-	-	7,914	-	-	-	-	-	7,914	11,170
All Ferry Points	-	-	-	-	-	-	23	-	-	23	23
SECTOR TOTAL	14,810	20,560	123,402	7,914	-	-	23	-	1,088	152,987	167,797
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	16,200	-	-	-	-	-	-	16,200	16,200
Sixtieth St. Tunnel-BMT/IND	-	-	24,341	-	-	-	-	-	-	24,341	24,341
Queensboro Bridge-Tramway	6,556	-	-	-	219	-	-	-	165	384	6,940
Fifty-Third St. Tunnel-IND	-	-	26,601	-	-	-	-	-	-	26,601	26,601
Steinway Tunnel-IRT	-	-	19,159	-	-	-	-	-	-	19,159	19,159
Queens Midtown Tunnel-IRT	5,518	-	-	3,718	-	-	-	-	-	3,718	9,236
Amtrak/LIRR Tunnels	-	-	-	-	-	33,841	-	-	-	33,841	33,841
All Ferry Points	-	-	-	-	-	-	17	-	-	17	17
SECTOR TOTAL	12,074	-	86,301	3,718	219	33,841	17	-	165	124,261	136,335
NEW JERSEY SECTOR											
Lincoln Tunnel	5,143	-	-	30,710	-	-	-	-	-	30,710	35,853
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	18,131	-	-	-	18,131	18,131
Uptown Path Tunnel	-	-	15,414	-	-	-	-	-	-	15,414	15,414
Holland Tunnel	3,588	-	-	1,909	-	-	-	-	-	1,909	5,497
Downtown Path Tunnel	-	-	11,660	-	-	-	-	-	-	11,660	11,660
All Ferry Points	-	-	-	-	-	-	5,259	-	-	5,259	5,259
SECTOR TOTAL	8,731	-	27,074	32,619	-	18,131	5,259	-	-	83,083	91,814
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	6,235	-	27	6,262	6,262
TOTAL, ALL SECTORS	64,975	86,710	283,338	46,404	3,072	82,670	11,534	-	2,030	515,758	580,733

TABLE 14 B
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2010
7-10 AM

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS (PUBLIC TRANSPORTATION & BICYCLE)	TOTAL PERSONS (ALL MODES)
	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM
60TH STREET SECTOR											
Franklin D. Roosevelt Drive	20,702	-	-	-	-	-	-	-	-	-	20,702
York Avenue	2,570	-	-	-	352	-	-	-	-	352	2,922
First Avenue	-	-	-	-	-	-	-	-	14	14	14
Second Avenue	8,734	-	-	2,023	504	-	-	-	196	2,723	11,457
Third Avenue	-	-	-	-	-	-	-	-	5	5	5
Lexington Avenue- IRT	5,256	59,731	48,831	370	1,719	-	-	-	103	110,754	116,010
Park Ave	5,653	-	-	-	-	64,065	-	-	72	64,137	69,790
Madison Avenue	-	-	-	-	-	-	-	-	4	4	4
Fifth Avenue	8,161	-	-	3,413	2,327	-	-	-	214	5,954	14,115
Sixth Avenue	-	-	-	-	-	-	-	-	4	4	4
Seventh Avenue	3,610	-	-	-	-	-	-	-	124	124	3,734
Broadway	3,818	48,445	32,766	149	1,383	-	-	-	223	82,966	86,784
Eight Ave	-	47,950	18,528	-	-	-	-	-	11	66,489	66,489
Columbus Avenue	4,852	-	-	-	352	-	-	-	171	523	5,375
Amsterdam Avenue	-	-	-	-	-	-	-	-	15	15	15
West End Avenue	3,825	-	-	-	357	-	-	-	44	401	4,226
West Side Highway	14,767	-	-	-	-	429	-	-	15	444	15,211
Hudson River Greenway	-	-	-	-	-	-	-	-	724	724	724
Queensboro Bridge Ramp	-	-	-	-	-	-	-	-	-	-	-
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	81,948	156,126	100,125	5,955	6,994	64,494	-	-	1,939	335,633	417,581
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	40,754	-	-	-	-	-	-	40,754	40,754
Williamsburg Bridge-BMT	11,508	-	28,752	-	-	-	-	-	1,084	29,836	41,344
Rutgers Tunnel-IND	-	-	27,176	-	-	-	-	-	-	27,176	27,176
Manhattan Bridge-BMT	10,171	45,824	43,359	-	-	-	-	-	891	90,074	100,245
Brooklyn Bridge	12,229	-	-	-	-	-	-	-	758	758	12,987
Cranberry Tunnel-IND	-	-	49,744	-	-	-	-	-	-	49,744	49,744
Clark Tunnel-IRT	-	-	30,134	-	-	-	-	-	-	30,134	30,134
Montague Tunnel-BMT	-	-	14,692	-	-	-	-	-	-	14,692	14,692
Joralemon Tunnel-IRT	-	-	42,798	-	-	-	-	-	-	42,798	42,798
Brooklyn Battery Tunnel	9,227	-	-	17,186	-	-	-	-	-	17,186	26,413
All Ferry Points	-	-	-	-	-	-	28	-	-	28	28
SECTOR TOTAL	43,135	45,824	277,409	17,186	-	-	28	-	2,733	343,180	386,315
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	36,767	-	-	-	-	-	-	36,767	36,767
Sixtieth St. Tunnel-BMT/IND	-	-	55,273	-	-	-	-	-	-	55,273	55,273
Queensboro Bridge-Tramway	19,032	-	-	-	542	-	-	-	402	944	19,976
Fifty-Third St. Tunnel-IND	-	-	61,354	-	-	-	-	-	-	61,354	61,354
Steinway Tunnel-IRT	-	-	43,330	-	-	-	-	-	-	43,330	43,330
Queens Midtown Tunnel-IRT	16,083	-	-	8,152	-	-	-	-	-	8,152	24,235
Amtrak/LIRR Tunnels	-	-	-	-	-	71,212	-	-	-	71,212	71,212
All Ferry Points	-	-	-	-	-	-	23	-	-	23	23
SECTOR TOTAL	35,115	-	196,724	8,152	542	71,212	23	-	402	277,055	312,170
NEW JERSEY SECTOR											
Lincoln Tunnel	14,989	-	-	79,989	-	-	-	-	-	79,989	94,978
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	43,134	-	-	-	43,134	43,134
Uptown Path Tunnel	-	-	31,321	-	-	-	-	-	-	31,321	31,321
Holland Tunnel	10,597	-	-	5,262	-	-	-	-	-	5,262	15,859
Downtown Path Tunnel	-	-	24,315	-	-	-	-	-	-	24,315	24,315
All Ferry Points	-	-	-	-	-	-	11,290	-	-	11,290	11,290
SECTOR TOTAL	25,586	-	55,636	85,251	-	43,134	11,290	-	-	195,311	220,897
STATEN ISLAND FERRY, BICYCLE											
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	15,411	-	82	15,493	15,493
TOTAL, ALL SECTORS	185,784	201,950	629,894	116,544	7,536	178,840	26,752	-	5,156	1,166,672	1,352,456

TABLE 14 C
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2010
24 HOUR

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS (PUBLIC TRANSPORTATION & 24 HOUR	TOTAL PERSONS (ALL MODES) 24 HOUR
	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR											
Franklin D. Roosevelt Drive	112,951	-	-	-	-	-	-	-	-	-	112,951
York Avenue	21,889	-	-	-	2,035	-	-	-	-	2,035	23,924
First Avenue	-	-	-	-	-	-	-	-	137	-	137
Second Avenue	68,293	-	-	5,194	3,010	-	-	-	1,714	9,918	78,211
Third Avenue	-	-	-	-	-	-	-	-	116	-	116
Lexington Avenue- IRT	30,761	168,837	163,671	732	5,652	-	-	-	1,292	340,184	370,945
Park Ave	30,232	-	-	-	-	100,916	-	-	984	101,900	132,132
Madison Avenue	-	-	-	-	-	-	-	-	49	-	49
Fifth Avenue	43,969	-	-	6,305	7,152	-	-	-	1,814	15,271	59,240
Sixth Avenue	-	-	-	-	-	-	-	-	241	-	241
Seventh Avenue	3,610	-	-	-	-	-	-	-	1,064	-	4,674
Broadway	24,047	138,892	108,044	333	5,259	-	-	-	1,352	253,880	277,927
Eight Ave	-	128,317	61,665	-	-	-	-	-	238	190,220	190,220
Columbus Avenue	33,827	-	-	-	1,519	-	-	-	1,999	3,518	37,345
Amsterdam Avenue	-	-	-	-	-	-	-	-	155	-	155
West End Avenue	21,872	-	-	-	1,091	-	-	-	425	1,516	23,388
West Side Highway	68,349	-	-	-	-	1,794	-	-	112	1,906	70,255
Hudson River Greenway	-	-	-	-	-	-	-	-	3,361	3,361	3,361
Queensboro Bridge Ramp	-	-	-	-	-	-	-	-	-	-	-
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	459,800	436,046	333,380	12,564	25,718	102,710	-	-	15,053	925,471	1,385,271
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	92,405	-	-	-	-	-	-	92,405	92,405
Williamsburg Bridge-BMT	70,485	-	64,354	-	-	-	-	-	3,364	67,718	138,203
Rutgers Tunnel-IND	-	-	63,573	-	-	-	-	-	-	63,573	63,573
Manhattan Bridge-BMT	45,677	91,547	96,453	-	-	-	-	-	2,209	190,209	235,886
Brooklyn Bridge	72,451	-	-	-	-	-	-	-	1,718	1,718	74,169
Cranberry Tunnel-IND	-	-	117,384	-	-	-	-	-	-	117,384	117,384
Clark Tunnel-IRT	-	-	70,818	-	-	-	-	-	-	70,818	70,818
Montague Tunnel-BMT	-	-	31,780	-	-	-	-	-	-	31,780	31,780
Joralemon Tunnel-IRT	-	-	99,233	-	-	-	-	-	-	99,233	99,233
Brooklyn Battery Tunnel	32,770	-	-	24,851	-	-	-	-	-	24,851	57,621
All Ferry Points	-	-	-	-	-	-	155	-	-	155	155
SECTOR TOTAL	221,383	91,547	636,000	24,851	-	-	155	-	7,291	759,844	981,227
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	85,050	-	-	-	-	-	-	85,050	85,050
Sixtieth St. Tunnel-BMT/IND	-	-	129,379	-	-	-	-	-	-	129,379	129,379
Queensboro Bridge-Tramway	101,516	-	-	-	1,896	-	-	-	1,683	3,579	105,095
Fifty-Third St. Tunnel-IND	-	-	142,426	-	-	-	-	-	-	142,426	142,426
Steinway Tunnel-IRT	-	-	95,949	-	-	-	-	-	-	95,949	95,949
Queens Midtown Tunnel-IRT	65,733	-	-	9,866	-	-	-	-	-	9,866	75,599
Amtrak/LIRR Tunnels	-	-	-	-	-	114,566	-	-	-	114,566	114,566
All Ferry Points	-	-	-	-	-	-	35	-	-	35	35
SECTOR TOTAL	167,249	-	452,804	9,866	1,896	114,566	35	-	1,683	580,850	748,099
NEW JERSEY SECTOR											
Lincoln Tunnel	68,599	-	-	174,398	-	-	-	-	-	174,398	242,997
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	82,890	-	-	-	82,890	82,890
Uptown Path Tunnel	-	-	61,488	-	-	-	-	-	-	61,488	61,488
Holland Tunnel	57,162	-	-	19,370	-	-	-	-	-	19,370	76,532
Downtown Path Tunnel	-	-	54,446	-	-	-	-	-	-	54,446	54,446
All Ferry Points	-	-	-	-	-	-	18,954	-	-	18,954	18,954
SECTOR TOTAL	125,761	-	115,934	193,768	-	82,890	18,954	-	-	411,546	537,307
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	36,251	-	277	36,528	36,528
TOTAL, ALL SECTORS	974,193	527,593	1,538,118	241,049	27,614	300,166	55,395	-	24,304	2,714,239	3,688,432

TABLE 15 A

WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2010

5-6 PM

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS (PUBLIC TRANSPORTATION & BICYCLE)	TOTAL PERSONS (ALL MODES)
	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM
60TH STREET SECTOR											
Franklin D. Roosevelt Drive	4,908	-	-	-	-	-	-	-	-	-	4,908
York Avenue	1,366	-	-	-	232	-	-	-	-	232	1,598
First Avenue	1,981	-	-	837	308	-	-	-	93	1,238	3,219
Second Avenue	-	-	-	-	-	-	-	-	10	10	10
Third Avenue	2,035	-	-	60	761	-	-	-	106	927	2,962
Lexington Avenue- IRT	-	21,936	16,136	-	-	-	-	-	6	38,078	38,078
Park Ave	1,941	-	-	-	-	24,023	-	-	60	24,083	26,024
Madison Avenue	1,925	-	-	1,518	1,133	-	-	-	72	2,723	4,648
Fifth Avenue	-	-	-	-	-	-	-	-	5	5	5
Sixth Avenue	1,294	-	-	-	-	-	-	-	164	164	1,458
Seventh Avenue	-	-	-	-	-	-	-	-	6	6	6
Broadway	925	14,043	11,939	56	662	-	-	-	17	26,717	27,642
Eight Ave	1,369	14,699	6,742	-	146	-	-	-	179	21,766	23,135
Columbus Avenue	-	-	-	-	-	-	-	-	30	30	30
Amsterdam Avenue	1,973	-	-	-	182	-	-	-	76	258	2,231
West End Avenue	995	-	-	-	43	-	-	-	30	73	1,068
West Side Highway	3,972	-	-	-	-	137	-	-	7	144	4,116
Hudson River Greenway	-	-	-	-	-	-	-	-	286	286	286
Queensboro Bridge Ramp	1,897	-	-	-	-	-	-	-	-	-	1,897
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	26,581	50,678	34,817	2,471	3,467	24,160	-	-	1,147	116,740	143,321
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	13,684	-	-	-	-	-	-	13,684	13,684
Williamsburg Bridge-BMT	4,283	-	7,631	-	-	-	-	-	408	8,039	12,322
Rutgers Tunnel-IND	-	-	9,263	-	-	-	-	-	-	9,263	9,263
Manhattan Bridge-BMT	3,635	14,130	13,529	-	-	-	-	-	274	27,933	31,568
Brooklyn Bridge	4,444	-	-	-	-	-	-	-	277	277	4,721
Cranberry Tunnel-IND	-	-	15,307	-	-	-	-	-	-	15,307	15,307
Clark Tunnel-IRT	-	-	10,001	-	-	-	-	-	-	10,001	10,001
Montague Tunnel-BMT	-	-	5,421	-	-	-	-	-	-	5,421	5,421
Joralemon Tunnel-IRT	-	-	13,302	-	-	-	-	-	-	13,302	13,302
Brooklyn Battery Tunnel	2,985	-	-	5,395	-	-	-	-	-	5,395	8,380
All Ferry Points	-	-	-	-	-	-	22	-	-	22	22
SECTOR TOTAL	15,347	14,130	88,138	5,395	-	-	22	-	959	108,644	123,991
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	12,386	-	-	-	-	-	-	12,386	12,386
Sixtieth St. Tunnel-BMT/IND	-	-	19,453	-	-	-	-	-	-	19,453	19,453
Queensboro Bridge-Tramway	6,580	-	-	2,409	371	-	-	-	255	3,035	9,615
Fifty-Third St. Tunnel-IND	-	-	20,194	-	-	-	-	-	-	20,194	20,194
Steinway Tunnel-IRT	-	-	15,238	-	-	-	-	-	-	15,238	15,238
Queens Midtown Tunnel-IRT	4,303	-	-	241	-	-	-	-	-	241	4,544
Amtrak/LIRR Tunnels	-	-	-	-	-	28,104	-	-	-	28,104	28,104
All Ferry Points	-	-	-	-	-	-	2	-	-	2	2
SECTOR TOTAL	10,883	-	67,271	2,650	371	28,104	2	-	255	98,653	109,536
NEW JERSEY SECTOR											
Lincoln Tunnel	4,334	-	-	12,642	-	-	-	-	-	12,642	16,976
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	16,605	-	-	-	16,605	16,605
Uptown Path Tunnel	-	-	10,830	-	-	-	-	-	-	10,830	10,830
Holland Tunnel	3,692	-	-	3,264	-	-	-	-	-	3,264	6,956
Downtown Path Tunnel	-	-	11,372	-	-	-	-	-	-	11,372	11,372
All Ferry Points	-	-	-	-	-	-	3,640	-	-	3,640	3,640
SECTOR TOTAL	8,026	-	22,202	15,906	-	16,605	3,640	-	-	58,353	66,379
STATEN ISLAND FERRY, BICYCLE											
	-	-	-	-	-	-	4,629	-	53	4,682	4,682
TOTAL, ALL SECTORS	60,837	64,808	212,428	26,422	3,838	68,869	8,293	-	2,414	387,072	447,909

TABLE 15 B
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2010
4-7 PM

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS (PUBLIC TRANSPORTATION & BICYCLE)	TOTAL PERSONS (ALL MODES)
	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM
60TH STREET SECTOR											
Franklin D. Roosevelt Drive	14,610	-	-	-	-	-	-	-	-	-	14,610
York Avenue	4,096	-	-	-	502	-	-	-	-	502	4,598
First Avenue	5,875	-	-	1,865	875	-	-	-	276	3,016	8,891
Second Avenue	-	-	-	-	-	-	-	-	37	37	37
Third Avenue	6,407	-	-	148	2,610	-	-	-	376	3,134	9,541
Lexington Avenue- IRT	-	54,935	41,264	-	-	-	-	-	16	96,215	96,215
Park Ave	5,778	-	-	-	-	52,434	-	-	210	52,644	58,422
Madison Avenue	6,160	-	-	3,432	3,064	-	-	-	265	6,761	12,921
Fifth Avenue	-	-	-	-	-	-	-	-	15	15	15
Sixth Avenue	3,695	-	-	-	-	-	-	-	458	458	4,153
Seventh Avenue	-	-	-	-	-	-	-	-	8	8	8
Broadway	2,898	37,104	30,313	126	1,789	-	-	-	41	69,373	72,271
Eight Ave	4,488	38,007	17,187	-	381	-	-	-	494	56,069	60,557
Columbus Avenue	-	-	-	-	-	-	-	-	90	90	90
Amsterdam Avenue	5,948	-	-	-	490	-	-	-	241	731	6,679
West End Avenue	2,852	-	-	-	230	-	-	-	83	313	3,165
West Side Highway	12,287	-	-	-	-	371	-	-	19	390	12,677
Hudson River Greenway	-	-	-	-	-	-	-	-	954	954	954
Queensboro Bridge Ramp	5,917	-	-	-	-	-	-	-	-	-	5,917
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	81,011	130,046	88,764	5,571	9,941	52,805	-	-	3,583	290,710	371,721
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	36,702	-	-	-	-	-	-	36,702	36,702
Williamsburg Bridge-BMT	12,481	-	19,319	-	-	-	-	-	1,105	20,424	32,905
Rutgers Tunnel-IND	-	-	23,464	-	-	-	-	-	-	23,464	23,464
Manhattan Bridge-BMT	10,946	34,669	36,157	-	-	-	-	-	835	71,661	82,607
Brooklyn Bridge	13,993	-	-	-	-	-	-	-	703	703	14,696
Cranberry Tunnel-IND	-	-	38,656	-	-	-	-	-	-	38,656	38,656
Clark Tunnel-IRT	-	-	24,932	-	-	-	-	-	-	24,932	24,932
Montague Tunnel-BMT	-	-	12,554	-	-	-	-	-	-	12,554	12,554
Joralemon Tunnel-IRT	-	-	32,652	-	-	-	-	-	-	32,652	32,652
Brooklyn Battery Tunnel	8,518	-	-	13,374	-	-	-	-	-	13,374	21,892
All Ferry Points	-	-	-	-	-	-	78	-	-	78	78
SECTOR TOTAL	45,938	34,669	224,436	13,374	-	-	78	-	2,643	275,200	321,138
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	31,858	-	-	-	-	-	-	31,858	31,858
Sixtieth St. Tunnel-BMT/IND	-	-	49,520	-	-	-	-	-	-	49,520	49,520
Queensboro Bridge-Tramway	19,749	-	-	5,201	1,048	-	-	-	750	6,999	26,748
Fifty-Third St. Tunnel-IND	-	-	50,029	-	-	-	-	-	-	50,029	50,029
Steinway Tunnel-IRT	-	-	37,991	-	-	-	-	-	-	37,991	37,991
Queens Midtown Tunnel-IRT	12,842	-	-	450	-	-	-	-	-	450	13,292
Amtrak/LIRR Tunnels	-	-	-	-	-	60,440	-	-	-	60,440	60,440
All Ferry Points	-	-	-	-	-	-	14	-	-	14	14
SECTOR TOTAL	32,591	-	169,398	5,651	1,048	60,440	14	-	750	237,301	269,892
NEW JERSEY SECTOR											
Lincoln Tunnel	13,223	-	-	47,464	-	-	-	-	-	47,464	60,687
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	39,404	-	-	-	39,404	39,404
Uptown Path Tunnel	-	-	26,429	-	-	-	-	-	-	26,429	26,429
Holland Tunnel	11,087	-	-	10,361	-	-	-	-	-	10,361	21,448
Downtown Path Tunnel	-	-	25,410	-	-	-	-	-	-	25,410	25,410
All Ferry Points	-	-	-	-	-	-	8,848	-	-	8,848	8,848
SECTOR TOTAL	24,310	-	51,839	57,825	-	39,404	8,848	-	-	157,916	182,226
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	13,509	-	115	13,624	13,624
TOTAL, ALL SECTORS	183,850	164,715	534,437	82,421	10,989	152,649	22,449	-	7,091	974,751	1,158,601

TABLE 15 C
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2010
24 HOUR

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS (PUBLIC TRANSPORTATION & BICYCLE)	TOTAL PERSONS (ALL MODES)
	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR											
Franklin D. Roosevelt Drive	82,369	-	-	-	-	-	-	-	-	-	82,369
York Avenue	23,907	-	-	-	2,566	-	-	-	-	2,566	26,473
First Avenue	35,751	-	-	6,764	3,431	-	-	-	1,249	11,444	47,195
Second Avenue	-	-	-	-	-	-	-	-	211	211	211
Third Avenue	45,256	-	-	313	7,953	-	-	-	1,893	10,159	55,415
Lexington Avenue- IRT	-	167,752	161,338	-	-	-	-	-	61	329,151	329,151
Park Ave	31,429	-	-	-	-	99,162	-	-	900	100,062	131,491
Madison Avenue	35,171	-	-	6,103	8,416	-	-	-	1,338	15,857	51,028
Fifth Avenue	-	-	-	-	-	-	-	-	92	92	92
Sixth Avenue	9,692	-	-	-	-	-	-	-	2,029	2,029	11,721
Seventh Avenue	-	-	-	-	-	-	-	-	81	81	81
Broadway	18,562	127,526	109,969	256	5,692	-	-	-	205	243,648	262,210
Eight Ave	27,141	126,035	54,233	-	1,260	-	-	-	2,103	183,631	210,772
Columbus Avenue	-	-	-	-	-	-	-	-	328	328	328
Amsterdam Avenue	31,510	-	-	-	1,990	-	-	-	880	2,870	34,380
West End Avenue	13,119	-	-	-	945	-	-	-	345	1,290	14,409
West Side Highway	65,884	-	-	-	-	1,689	-	-	54	1,743	67,627
Hudson River Greenway	-	-	-	-	-	-	-	-	3,610	3,610	3,610
Queensboro Bridge Ramp	43,470	-	-	-	-	-	-	-	-	-	43,470
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	463,261	421,313	325,540	13,436	32,253	100,851	-	-	15,379	908,772	1,372,033
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	102,741	-	-	-	-	-	-	102,741	102,741
Williamsburg Bridge-BMT	70,388	-	54,515	-	-	-	-	-	2,899	57,414	127,802
Rutgers Tunnel-IND	-	-	63,941	-	-	-	-	-	-	63,941	63,941
Manhattan Bridge-BMT	56,286	91,840	91,625	-	-	-	-	-	2,104	185,569	241,855
Brooklyn Bridge	83,554	-	-	-	-	-	-	-	1,644	1,644	85,198
Cranberry Tunnel-IND	-	-	108,378	-	-	-	-	-	-	108,378	108,378
Clark Tunnel-IRT	-	-	70,171	-	-	-	-	-	-	70,171	70,171
Montague Tunnel-BMT	-	-	32,036	-	-	-	-	-	-	32,036	32,036
Joralemon Tunnel-IRT	-	-	85,554	-	-	-	-	-	-	85,554	85,554
Brooklyn Battery Tunnel	29,372	-	-	22,155	-	-	-	-	-	22,155	51,527
All Ferry Points	-	-	-	-	-	-	145	-	-	145	145
SECTOR TOTAL	239,600	91,840	608,961	22,155	-	-	145	-	6,647	729,748	969,348
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	86,032	-	-	-	-	-	-	86,032	86,032
Sixtieth St. Tunnel-BMT/IND	-	-	135,315	-	-	-	-	-	-	135,315	135,315
Queensboro Bridge-Tramway	113,703	-	-	7,013	2,993	-	-	-	1,944	11,950	125,653
Fifty-Third St. Tunnel-IND	-	-	131,548	-	-	-	-	-	-	131,548	131,548
Steinway Tunnel-IRT	-	-	105,067	-	-	-	-	-	-	105,067	105,067
Queens Midtown Tunnel-IRT	61,197	-	-	611	-	-	-	-	-	611	61,808
Amtrak/LIRR Tunnels	-	-	-	-	-	111,862	-	-	-	111,862	111,862
All Ferry Points	-	-	-	-	-	-	20	-	-	20	20
SECTOR TOTAL	174,900	-	457,962	7,624	2,993	111,862	20	-	1,944	582,405	757,305
NEW JERSEY SECTOR											
Lincoln Tunnel	68,918	-	-	157,984	-	-	-	-	-	157,984	226,902
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	83,940	-	-	-	83,940	83,940
Uptown Path Tunnel	-	-	64,545	-	-	-	-	-	-	64,545	64,545
Holland Tunnel	60,042	-	-	23,146	-	-	-	-	-	23,146	83,188
Downtown Path Tunnel	-	-	51,685	-	-	-	-	-	-	51,685	51,685
All Ferry Points	-	-	-	-	-	-	17,088	-	-	17,088	17,088
SECTOR TOTAL	128,960	-	116,230	181,130	-	83,940	17,088	-	-	398,388	527,348
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	37,777	-	283	38,060	38,060
TOTAL, ALL SECTORS	1,006,721	513,153	1,477,380	224,345	35,246	296,653	55,030	-	24,253	2,657,373	3,664,094

TABLE 16
WHERE AND WHEN MOTOR VEHICLES ENTERED THE HUB ON A FALL BUSINESS DAY IN 2010

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS			BUS			TOTAL MOTOR VEHICLES		
	8-9 AM	7-10AM	24 HOURS	8-9 AM	7-10AM	24 HOURS	8-9 AM	7-10AM	24 HOURS
60TH STREET SECTOR									
FDR DRIVE	5,275	14,961	82,870	-	-	-	5,275	14,961	82,870
YORK AVENUE	780	2,307	19,507	7	19	113	787	2,326	19,620
SECOND AVENUE	2,132	6,502	49,063	24	68	317	2,156	6,570	49,380
QUEENSBORO BRIDGE RAMP	-	-	-	-	-	-	-	-	-
LEXINGTON AVENUE	1,460	4,203	26,017	20	64	358	1,480	4,267	26,375
PARK AVENUE	1,602	4,209	22,094	-	-	-	1,602	4,209	22,094
FIFTH AVENUE	1,647	4,868	28,327	71	233	775	1,718	5,101	29,102
CENTRAL PARK DRIVE AND 7TH AVENUE	1,024	1,994	1,994	-	-	-	1,024	1,994	1,994
BROADWAY	868	2,767	17,744	38	99	530	906	2,866	18,274
COLUMBUS AVENUE	1,338	3,698	25,610	6	17	93	1,344	3,715	25,703
WEST END AVENUE	955	2,614	15,207	6	18	88	961	2,632	15,295
WEST SIDE HIGHWAY	4,676	13,634	60,540	-	-	-	4,676	13,634	60,540
SECTOR TOTAL	21,757	61,757	348,973	172	518	2,274	21,929	62,275	351,247
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	3,010	9,286	56,969	-	-	-	3,010	9,286	56,969
MANHATTAN BRIDGE	2,852	8,221	36,813	-	-	-	2,852	8,221	36,813
BROOKLYN BRIDGE	3,656	10,606	63,306	-	-	-	3,656	10,606	63,306
BROOKLYN BATTERY TUNNEL	2,960	8,364	28,940	177	406	663	3,137	8,770	29,603
SECTOR TOTAL	12,478	36,477	186,028	177	406	663	12,655	36,883	186,691
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	4,245	12,491	48,769	116	269	425	4,361	12,760	49,194
QUEENSBORO BRIDGE	5,652	16,385	85,351	14	39	222	5,666	16,424	85,573
SECTOR TOTAL	9,897	28,876	134,120	130	308	647	10,027	29,184	134,767
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,968	8,960	46,881	55	153	884	3,023	9,113	47,765
LINCOLN TUNNEL	3,754	11,241	50,879	885	2,317	6,954	4,639	13,558	57,833
SECTOR TOTAL	6,722	20,201	97,760	940	2,470	7,838	7,662	22,671	105,598
TOTAL, ALL SECTORS	50,854	147,311	766,881	1,419	3,702	11,422	52,273	151,013	778,303

TABLE 17
WHERE AND WHEN MOTOR VEHICLES LEFT THE HUB ON A FALL BUSINESS DAY IN 2010

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS			BUS			TOTAL MOTOR VEHICLES		
	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									
FDR DRIVE	3,775	11,424	66,919	-	-	-	3,775	11,424	66,919
YORK AVENUE	911	2,751	16,376	10	22	115	921	2,773	16,491
FIRST AVENUE	1,512	4,561	28,837	19	52	324	1,531	4,613	29,161
QUEENSBORO BRIDGE RAMP	1,530	4,670	36,093	-	-	-	1,530	4,670	36,093
THIRD AVENUE	1,226	3,957	30,791	23	80	377	1,249	4,037	31,168
PARK AVENUE	1,213	3,667	20,629	-	-	-	1,213	3,667	20,629
MADISON AVENUE	1,181	3,768	24,063	97	250	765	1,278	4,018	24,828
CENTRAL PARK DRIVE FROM 6TH AVENUE	703	1,971	5,423	-	-	-	703	1,971	5,423
CENTRAL PARK WEST	744	2,389	15,330	11	29	151	755	2,418	15,481
BROADWAY	728	2,229	14,051	27	74	384	755	2,303	14,435
AMSTERDAM AVENUE	1,380	4,137	23,837	7	17	91	1,387	4,154	23,928
WEST END AVENUE	691	1,963	9,130	4	16	92	695	1,979	9,222
WEST SIDE HIGHWAY	3,366	10,413	56,603	-	-	-	3,366	10,413	56,603
SECTOR TOTAL	18,960	57,900	348,082	198	540	2,299	19,158	58,440	350,381
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	3,245	9,554	54,220	-	-	-	3,245	9,554	54,220
MANHATTAN BRIDGE	2,490	7,333	37,964	-	-	-	2,490	7,333	37,964
BROOKLYN BRIDGE	3,268	10,315	60,334	-	-	-	3,268	10,315	60,334
BROOKLYN BATTERY TUNNEL	2,530	7,273	25,157	132	346	628	2,662	7,619	25,785
SECTOR TOTAL	11,533	34,475	177,675	132	346	628	11,665	34,821	178,303
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	2,776	8,178	39,462	8	19	35	2,784	8,197	39,497
QUEENSBORO BRIDGE	5,483	16,618	91,552	101	251	570	5,584	16,869	92,122
SECTOR TOTAL	8,259	24,796	131,014	109	270	605	8,368	25,066	131,619
NEW JERSEY SECTOR									
HOLLAND TUNNEL	3,129	9,316	50,777	87	275	884	3,216	9,591	51,661
LINCOLN TUNNEL	3,213	9,699	48,659	337	1,259	6,954	3,550	10,958	55,613
SECTOR TOTAL	6,342	19,015	99,436	424	1,534	7,838	6,766	20,549	107,274
TOTAL, ALL SECTORS	45,094	136,186	756,207	863	2,690	11,370	45,957	138,876	767,577

TABLE 18
WHERE AND WHEN BUS PASSENGERS ENTERED THE HUB
ON A FALL BUSINESS DAY IN 2010

LOCATION / TRAVEL MODE	LOCAL BUS PASSENGERS			EXPRESS BUS PASSENGERS			TOTAL BUS PASSENGERS		
	8-9 AM	7-10AM	24 HOURS	8-9 AM	7-10AM	24 HOURS	8-9 AM	7-10AM	24 HOURS
60TH STREET SECTOR									
FDR DRIVE	-	-	-	-	-	-	-	-	-
YORK AVENUE	154	352	2,035	-	-	-	154	352	2,035
SECOND AVENUE	192	504	3,010	919	2,023	5,194	1,111	2,527	8,204
LEXINGTON AVENUE	731	1,719	5,652	150	370	732	881	2,089	6,384
FIFTH AVENUE	968	2,327	7,152	1,036	3,413	6,305	2,004	5,740	13,457
BROADWAY	547	1,383	5,259	48	149	333	595	1,532	5,592
COLUMBUS AVENUE	106	352	1,519	-	-	-	106	352	1,519
WEST END AVENUE	155	357	1,091	-	-	-	155	357	1,091
SECTOR TOTAL	2,853	6,994	25,718	2,153	5,955	12,564	5,006	12,949	38,282
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	-	-	-	-	-	-	-	-	-
MANHATTAN BRIDGE	-	-	-	-	-	-	-	-	-
BROOKLYN BATTERY TUNNEL	-	-	-	7,914	17,186	24,851	7,914	17,186	24,851
SECTOR TOTAL	-	-	-	7,914	17,186	24,851	7,914	17,186	24,851
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	3,718	8,152	9,866	3,718	8,152	9,866
QUEENSBORO BRIDGE	219	542	1,896	-	-	-	219	542	1,896
SECTOR TOTAL	219	542	1,896	3,718	8,152	9,866	3,937	8,694	11,762
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	1,909	5,262	19,370	1,909	5,262	19,370
LINCOLN TUNNEL	-	-	-	30,710	79,989	174,398	30,710	79,989	174,398
SECTOR TOTAL	-	-	-	32,619	85,251	193,768	32,619	85,251	193,768
TOTAL, ALL SECTORS	3,072	7,536	27,614	46,404	116,544	241,049	49,476	124,080	268,663

TABLE 19
WHERE AND WHEN BUS PASSENGERS LEFT THE HUB
ON A FALL BUSINESS DAY IN 2010

LOCATION / TRAVEL MODE	LOCAL BUS PASSENGERS			EXPRESS BUS PASSENGERS			TOTAL BUS PASSENGERS		
	5-6 PM	4-7 PM	24 HOURS	5-6 PM	4-7 PM	24 HOURS	5-6 PM	4-7 PM	24 HOURS
60TH STREET SECTOR									
FDR DRIVE	-	-	-	-	-	-	-	-	-
YORK AVENUE	232	502	2,566	-	-	-	232	502	2,566
FIRST AVENUE	308	875	3,431	837	1,865	6,764	1,145	2,740	10,195
THIRD AVENUE	761	2,610	7,953	60	148	323	821	2,758	8,266
MADISON AVENUE	1,133	3,064	8,416	1,518	3,432	6,103	2,651	6,496	14,519
CENTRAL PARK WEST	146	381	1,260	-	-	-	146	381	1,260
BROADWAY	662	1,789	5,692	56	126	256	718	1,915	5,948
AMSTERDAM AVENUE	182	490	1,990	-	-	-	182	490	1,990
WEST END AVENUE	43	230	945	-	-	-	43	230	945
SECTOR TOTAL	3,467	9,941	32,253	2,471	5,571	13,436	5,938	15,512	45,689
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	-	-	-	-	-	-	-	-	-
MANHATTAN BRIDGE	-	-	-	-	-	-	-	-	-
BROOKLYN BATTERY TUNNEL	-	-	-	5,395	13,374	22,155	5,395	13,374	22,155
SECTOR TOTAL	-	-	-	5,395	13,374	22,155	5,395	13,374	22,155
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	241	450	611	241	450	611
QUEENSBORO BRIDGE	371	1,048	2,993	2,409	5,201	7,013	2,780	6,249	10,006
SECTOR TOTAL	371	1,048	2,993	2,650	5,651	7,624	3,021	6,699	10,617
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	3,264	10,361	23,146	3,264	10,361	23,146
LINCOLN TUNNEL	-	-	-	12,642	47,464	157,984	12,642	47,464	157,984
SECTOR TOTAL	-	-	-	15,906	57,825	181,130	15,906	57,825	181,130
TOTAL, ALL SECTORS	3,838	10,989	35,246	26,422	82,421	224,345	30,260	93,410	259,591

TABLE 20
LEVEL OF COMFORT AND HEADWAY
FOR PUBLIC TRANSPORTATION VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY IN 2010
DURING THE 8AM-9AM PEAK HOUR

	SERVICE OPERATION				FLOOR SPACE		NUMBER OF PSGR		PASSENGERS		AVG FLOOR SPACE		AVERAGE HEADWAY	
	TRAINS, ETC.		RAILCARS, BUSES		(SQ. FT.)		PASSENGERS		PER RAILCAR, BUS		PER PSGR (SQ. FT.)		(MINUTES)	
	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010
60TH STREET SECTOR														
LEXINGTON AVE EXPRESS	24	18	240	180	144,480	108,360	25,893	24,736	108	137	5.58	4.38	2.5	3.3
LEXINGTON AVE LOCAL	23	19	230	190	138,460	114,380	21,528	23,100	94	122	6.43	4.95	2.6	3.2
EIGHTH AVE EXPRESS	19	19	152	152	91,504	91,504	20,864	20,109	137	132	4.39	4.55	3.2	3.2
EIGHTH AVE LOCAL	11	12	88	96	52,976	57,792	9,395	8,682	107	90	5.64	6.66	5.5	5.0
BROADWAY/7TH AVE EXPRESS	19	20	210	200	126,420	120,400	21,403	21,305	102	107	5.91	5.65	3.2	3.0
BROADWAY/7TH AVE LOCAL	21	18	190	180	114,380	108,360	12,837	14,779	68	82	8.91	7.33	2.9	3.3
MTA/AMTRAK TUN.	53	50	396	363	238,392	218,526	32,252	30,698	81	85	7.39	7.12	1.1	1.2
BUSES	-	-	214	172	68,480	55,040	6,078	5,006	28	29	11.27	10.99	-	-
SECTOR AVERAGE	170	156	1,720	1,533	975,092	874,362	150,250	148,415	91	98	6.49	5.89	3.0	3.2
BROOKLYN SECTOR														
14TH ST. TUNNEL	17	16	136	128	81,872	77,056	16,635	17,569	122	137	4.92	4.39	3.5	3.8
WILLIAMSBURG BRIDGE	17	17	136	136	81,872	81,872	11,133	12,407	82	91	7.35	6.60	3.5	3.5
RUTGERS ST. TUNNEL	12	14	106	140	63,812	84,280	11,997	12,259	113	88	5.32	6.87	5.0	4.3
MANHATTAN BRIDGE	35	37	306	334	184,212	201,068	37,575	40,167	123	120	4.90	5.01	1.7	1.6
CRANBERRY ST. TUNNEL	26	22	208	176	125,216	105,952	20,427	21,619	98	123	6.13	4.90	2.3	2.7
CLARK ST. TUNNEL	17	18	170	180	102,340	108,360	13,368	13,405	79	74	7.66	8.08	3.5	3.3
MONTAGUE ST. TUNNEL	15	9	120	72	72,240	43,344	7,921	7,173	66	100	9.12	6.04	4.0	6.7
JORALEMON ST. TUNNEL	19	15	190	150	114,380	90,300	18,860	19,363	99	129	6.06	4.66	3.2	4.0
BUSES	-	-	186	177	59,520	56,640	6,991	7,914	38	45	8.51	7.16	-	-
SECTOR AVERAGE	158	148	1,558	1,493	803,592	848,872	144,907	151,876	93	101	5.55	5.59	3.3	3.7
QUEENS SECTOR														
60TH STREET TUNNEL	23	23	214	205	128,828	123,410	24,060	24,341	112	119	5.35	5.07	2.6	2.6
53RD STREET TUNNEL	23	24	196	220	117,992	132,440	26,039	26,601	133	121	4.53	4.98	2.6	2.5
STEINWAY TUNNEL	27	28	297	308	178,794	185,416	17,183	19,159	58	62	10.41	9.68	2.2	2.1
63RD STREET TUNNEL	14	15	120	150	72,240	90,300	15,539	16,200	129	108	4.65	5.57	4.3	4.0
LIRR/AMTRAK TUNNELS	37	37	392	388	235,984	233,576	34,105	33,841	87	87	6.92	6.90	1.6	1.6
BUSES	-	-	163	130	52,160	41,600	4,874	3,937	30	30	10.70	10.57	-	-
SECTOR AVERAGE	124	127	1,382	1,401	785,998	806,742	121,800	124,079	88	88	6.45	6.50	2.7	2.6
NEW JERSEY SECTOR														
PATH DOWNTOWN TUNNEL	24	25	168	175	62,126	64,715	11,331	11,660	67	67	5.48	5.55	2.5	2.4
PATH UPTOWN TUNNEL	24	24	168	168	62,126	62,126	14,290	15,414	85	92	4.35	4.03	2.5	2.5
N.J. TRANSIT/AMTRAK TUNNEL	26	25	237	227	142,674	136,654	20,800	18,131	88	80	6.86	7.54	2.3	2.4
BUSES	-	-	1,015	940	324,800	300,800	35,221	32,619	35	35	9.22	9.22	-	-
SECTOR AVERAGE	74	74	1,588	1,510	591,727	564,295	81,642	77,824	51	68	7.25	7.25	2.4	2.4
STATEN ISLAND FERRY	4	4	4	4	80,000	80,000	6,307	6,235	1,577	1,559	12.68	12.83	15.0	15.0
ROOSEVELT ISLAND TRAMWAY	8	-	8	-	2,400	-	553	-	69	-	4.34	-	7.5	-
AVERAGE, ALL SECTORS	524	509	6,073	5,941	3,138,079	3,174,271	503,624	508,429	81	86	6.23	6.24	2.9	3.0

TABLE 21A
TOTAL PERSONS ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY IN 2008, 2009, AND 2010

HOURS	2008			2009			2010		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	30,681	65,782	96,463	28,011	64,807	92,818	29,318	65,115	94,433
1:00am	17,169	35,003	52,172	15,679	31,879	47,558	16,510	33,547	50,057
2:00am	12,459	19,863	32,322	11,325	17,908	29,233	11,261	18,581	29,842
3:00am	12,090	15,096	27,186	12,053	13,755	25,808	11,788	14,596	26,384
4:00am	22,603	17,972	40,575	24,984	18,083	43,067	25,360	18,295	43,655
5:00am	78,769	34,531	113,300	79,756	35,491	115,247	80,545	38,275	118,820
6:00am	219,309	84,696	304,005	207,176	84,161	291,337	206,952	84,782	291,734
7:00am	425,728	147,907	573,635	414,586	147,645	562,231	423,666	152,523	576,189
8:00am	633,704	162,087	795,791	575,127	162,403	737,530	580,733	169,126	749,859
9:00am	386,247	126,931	513,178	337,415	123,295	460,710	348,057	128,581	476,638
10:00am	204,341	105,893	310,234	192,228	103,742	295,970	197,720	108,151	305,871
11:00am	156,523	105,790	262,313	154,271	106,897	261,168	162,419	110,384	272,803
12:00pm	140,528	121,990	262,518	143,708	123,844	267,552	146,925	125,541	272,466
1:00pm	140,962	132,922	273,884	140,412	136,607	277,019	146,500	140,909	287,409
2:00pm	153,301	176,510	329,811	150,797	172,435	323,232	153,980	174,139	328,119
3:00pm	172,823	234,444	407,267	170,509	227,665	398,174	170,715	231,118	401,833
4:00pm	194,609	324,177	518,786	179,769	303,993	483,762	185,126	306,550	491,676
5:00pm	206,332	511,586	717,918	194,745	445,200	639,945	197,718	447,909	645,627
6:00pm	168,539	444,018	612,557	160,152	388,936	549,088	168,001	404,142	572,143
7:00pm	124,174	293,288	417,462	119,972	264,520	384,492	125,530	275,572	401,102
8:00pm	97,894	209,075	306,969	90,847	196,268	287,115	97,275	207,141	304,416
9:00pm	77,557	169,226	246,783	75,721	159,916	235,637	79,605	166,061	245,666
10:00pm	71,434	142,959	214,393	67,366	131,386	198,752	70,793	139,047	209,840
11:00pm	51,379	100,666	152,045	51,718	101,152	152,870	51,935	104,009	155,944
TOTAL	3,799,155	3,782,412	7,581,567	3,598,327	3,561,988	7,160,315	3,688,432	3,664,094	7,352,526

TABLE 21B
CUMULATIVE TOTAL OF PERSONS ENTERING THE HUB
AT PEAK ACCUMULATION 1975-2010

YEAR	ACCUMULATION	AT
1975	1,402,000	1:00pm
1976	1,319,000	1:00pm
1977	1,356,000	1:00pm
1978	1,329,000	1:00pm
1979	1,388,000	2:00pm
1980	1,436,000	1:00pm
1981	1,446,000	1:00pm
1982	1,487,000	1:00pm
1983	1,500,000	1:00pm
1984	1,511,000	1:00pm
1985	1,485,000	1:00pm
1986	1,471,000	1:00pm
1987	1,448,000	1:00pm
1988	1,447,000	2:00pm
1989	1,481,000	1:00pm
1990	1,318,000	1:00pm
1991	1,325,000	1:00pm
1992	1,262,000	1:00pm
1993	1,250,000	1:00pm
1994	1,273,000	1:00pm
1995	1,277,000	1:00pm
1996	1,295,000	1:00pm
1997	1,303,000	1:00pm
1998	1,296,000	1:00pm
2000	1,464,000	1:00pm
2001	1,253,800	1:00pm
2002	1,265,360	1:00pm
2003	1,273,519	1:00pm
2004	1,228,259	2:00pm
2005	1,197,459	2:00pm
2006	1,244,863	2:00pm
2007	1,381,852	1:00pm
2008	1,334,179	1:00pm
2009	1,209,458	2:00pm
2010	1,231,071	2:00pm

TABLE 22A
TOTAL PUBLIC TRANSIT PASSENGERS ENTERING AND LEAVING
THE HUB ON A FALL BUSINESS DAY IN 2008, 2009, AND 2010

HOURS	2008			2009			2010		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	11,831	37,075	48,906	8,332	36,393	44,725	8,640	35,777	44,417
1:00am	5,694	17,323	23,017	3,596	14,797	18,393	4,300	15,538	19,838
2:00am	3,953	7,864	11,817	2,298	6,187	8,485	2,393	6,443	8,836
3:00am	3,363	5,052	8,415	3,046	3,978	7,024	2,790	4,330	7,120
4:00am	8,918	4,892	13,810	11,231	5,159	16,390	10,902	4,969	15,871
5:00am	47,287	13,668	60,955	49,332	14,681	64,013	49,789	17,430	67,219
6:00am	166,750	48,771	215,521	155,420	48,730	204,150	155,718	49,591	205,309
7:00am	364,804	101,618	466,422	355,123	102,316	457,439	363,138	106,435	469,573
8:00am	568,929	116,300	685,229	510,899	117,223	628,122	515,758	121,700	637,458
9:00am	328,589	84,640	413,229	276,082	80,010	356,092	287,776	84,367	372,143
10:00am	156,317	64,459	220,776	141,596	60,996	202,592	146,175	63,426	209,601
11:00am	111,382	63,979	175,361	106,791	63,817	170,608	114,282	66,932	181,214
12:00pm	96,767	78,176	174,943	97,577	77,925	175,502	100,688	79,743	180,431
1:00pm	97,326	86,598	183,924	93,653	88,352	182,005	99,652	92,498	192,150
2:00pm	106,494	123,226	229,720	102,385	118,683	221,068	105,649	120,203	225,852
3:00pm	125,041	176,315	301,356	121,362	169,373	290,735	120,787	171,983	292,770
4:00pm	146,307	263,860	410,167	131,501	242,849	374,350	136,802	246,179	382,981
5:00pm	154,181	447,738	601,919	142,409	380,307	522,716	146,843	387,072	533,915
6:00pm	117,567	380,917	498,484	108,493	323,715	432,208	116,925	341,500	458,425
7:00pm	77,763	236,678	314,441	70,410	205,538	275,948	77,743	217,481	295,224
8:00pm	55,909	155,290	211,199	48,403	143,180	191,583	54,887	154,978	209,865
9:00pm	37,197	116,951	154,148	36,659	109,119	145,778	40,376	115,508	155,884
10:00pm	33,888	94,200	128,088	29,252	82,636	111,888	32,346	90,147	122,493
11:00pm	19,990	59,754	79,744	19,534	59,956	79,490	19,880	63,143	83,023
TOTAL	2,846,247	2,785,344	5,631,591	2,625,384	2,555,920	5,181,304	2,714,239	2,657,373	5,371,612

TABLE 22B
CUMULATIVE TOTAL OF PASSENGERS ENTERING AND LEAVING THE
HUB BY PUBLIC TRANSPORTATION, AT PEAK ACCUMULATION
1975-2010

YEAR	ACCUMULATION	AT
1975	1,254,000	1:00pm
1976	1,209,000	1:00pm
1977	1,189,000	1:00pm
1978	1,167,000	1:00pm
1979	1,226,000	2:00pm
1980	1,274,000	1:00pm
1981	1,291,000	1:00pm
1982	1,291,000	1:00pm
1983	1,299,000	1:00pm
1984	1,302,000	1:00pm
1985	1,300,000	1:00pm
1986	1,290,000	1:00pm
1987	1,258,000	1:00pm
1988	1,272,000	2:00pm
1989	1,305,000	1:00pm
1990	1,166,000	1:00pm
1991	1,170,000	1:00pm
1992	1,114,000	1:00pm
1993	1,107,000	1:00pm
1994	1,124,000	1:00pm
1995	1,134,000	1:00pm
1996	1,147,000	1:00pm
1997	1,214,000	1:00pm
1998	1,106,000	1:00pm
2000	1,301,700	1:00pm
2001	1,143,565	1:00pm
2002	1,165,742	1:00pm
2003	1,131,893	1:00pm
2004	1,095,947	2:00pm
2005	1,084,278	2:00pm
2006	1,127,823	2:00pm
2007	1,263,788	1:00pm
2008	1,227,692	2:00pm
2009	1,113,513	2:00pm
2010	1,129,993	2:00pm

TABLE 23A
TOTAL PRIVATE MOTOR VEHICLES ENTERING AND LEAVING
THE HUB ON A FALL BUSINESS DAY IN YEARS 2008, 2009, AND 2010

HOURS	2008			2009			2010		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	14,728	21,694	36,422	15,422	21,370	36,792	16,127	22,120	38,247
1:00am	8,975	13,330	22,305	9,463	12,854	22,317	9,549	13,591	23,140
2:00am	6,669	9,044	15,713	7,081	8,829	15,910	6,960	9,179	16,139
3:00am	6,878	7,609	14,487	7,098	7,402	14,500	7,096	7,811	14,907
4:00am	10,865	9,937	20,802	10,923	9,807	20,730	11,451	10,180	21,631
5:00am	25,097	15,954	41,051	24,416	15,905	40,321	24,430	15,923	40,353
6:00am	43,238	27,338	70,576	42,315	26,948	69,263	42,346	26,894	69,240
7:00am	49,027	34,729	83,756	47,538	33,958	81,496	49,259	34,842	84,101
8:00am	49,364	33,969	83,333	49,019	33,533	82,552	50,854	35,582	86,436
9:00am	43,879	31,120	74,999	46,719	31,793	78,512	47,198	32,816	80,014
10:00am	37,199	30,689	67,888	39,091	31,576	70,667	40,738	33,469	74,207
11:00am	34,876	31,222	66,098	36,384	31,982	68,366	38,035	32,945	70,980
12:00pm	33,309	32,473	65,782	34,823	33,671	68,494	35,945	34,426	70,371
1:00pm	33,383	34,703	68,086	35,416	35,857	71,273	36,500	36,876	73,376
2:00pm	35,858	39,651	75,509	36,848	39,695	76,543	37,657	40,705	78,362
3:00pm	37,227	43,697	80,924	37,733	43,540	81,273	39,488	45,142	84,630
4:00pm	37,001	44,452	81,453	36,771	44,481	81,252	37,649	45,192	82,841
5:00pm	39,536	46,163	85,699	39,321	46,465	85,786	39,230	45,094	84,324
6:00pm	39,053	45,045	84,098	39,467	46,125	85,592	39,900	45,901	85,801
7:00pm	35,721	40,779	76,500	37,724	42,235	79,959	37,460	43,039	80,499
8:00pm	32,316	39,473	71,789	32,327	38,732	71,059	33,151	39,220	72,371
9:00pm	31,247	38,600	69,847	30,011	37,353	67,364	30,719	37,915	68,634
10:00pm	29,112	36,133	65,245	29,445	35,959	65,404	30,095	36,640	66,735
11:00pm	24,573	30,746	55,319	24,992	30,642	55,634	25,044	30,705	55,749
TOTAL	739,131	738,548	1,477,679	750,347	740,712	1,491,059	766,881	756,207	1,523,088

TABLE 23B
CUMULATIVE TOTAL OF MOTOR VEHICLES ENTERING AND LEAVING
THE HUB AT PEAK ACCUMULATION, 1973-2010

YEAR	ACCUMULATION	AT
1973	89,300	2:00pm
1975	84,400	2:00pm
1976	93,500	1:00pm
1977	97,400	2:00pm
1978	96,900	2:00pm
1979	101,500	2:00pm
1980	101,500	2:00pm
1981	97,400	2:00pm
1982	102,100	2:00pm
1983	105,800	1:00pm
1984	125,300	2:00pm
1985	104,000	1:00pm
1986	107,200	1:00pm
1987	110,900	2:00pm
1988	100,800	1:00pm
1989	101,300	2:00pm
1990	101,800	1:00pm
1991	102,300	1:00pm
1992	96,300	1:00pm
1993	94,100	2:00pm
1994	97,100	2:00pm
1995	94,100	2:00pm
1996	93,800	1:00pm
1997	101,000	2:00pm
1998	104,000	2:00pm
1999	N/A	2:00pm
2000	102,872	2:00pm
2001	67,093	2:00pm
2002	60,181	2:00pm
2003	86,909	2:00pm
2004	91,551	1:00pm
2005	85,119	1:00pm
2006	89,847	1:00pm
2007	88,629	1:00pm
2008	79,198	1:00pm
2009	78,305	1:00pm
2010	78,173	1:00pm

TABLE 24
TOTAL PERSONS ENTERING THE HUB BY HOUR AND MODE IN 2010

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL
12:00am	20,678	6,259	1,456	879	46	0	0	29,318
1:00am	12,210	3,047	777	401	75	0	0	16,510
2:00am	8,868	2,024	115	222	32	0	0	11,261
3:00am	8,998	2,627	92	30	41	0	0	11,788
4:00am	14,458	8,887	1,539	350	126	0	0	25,360
5:00am	30,756	38,100	7,954	3,269	466	0	0	80,545
6:00am	51,234	105,495	26,200	20,717	2,776	0	530	206,952
7:00am	60,528	250,949	47,659	56,522	6,932	0	1,076	423,666
8:00am	64,975	370,048	49,476	82,670	11,534	0	2,030	580,733
9:00am	60,281	210,847	26,945	39,648	8,286	0	2,050	348,057
10:00am	51,545	116,003	11,863	13,862	2,868	0	1,579	197,720
11:00am	48,137	91,180	8,883	10,280	2,489	0	1,450	162,419
12:00pm	46,237	81,832	7,089	7,749	2,389	0	1,629	146,925
1:00pm	46,848	82,265	6,973	6,288	2,620	0	1,506	146,500
2:00pm	48,331	88,375	7,759	5,848	2,259	0	1,408	153,980
3:00pm	49,928	101,534	10,368	5,610	1,856	0	1,419	170,715
4:00pm	48,324	114,459	11,376	7,147	2,378	0	1,442	185,126
5:00pm	50,875	123,363	9,459	9,698	2,683	0	1,640	197,718
6:00pm	51,076	92,131	10,807	10,283	2,057	0	1,647	168,001
7:00pm	47,787	59,961	6,712	8,105	1,301	0	1,664	125,530
8:00pm	42,388	44,537	4,292	3,931	780	0	1,347	97,275
9:00pm	39,229	32,314	3,562	2,979	626	0	895	79,605
10:00pm	38,447	24,472	4,188	2,609	475	0	602	70,793
11:00pm	32,055	15,002	3,119	1,069	300	0	390	51,935
TOTAL	974,193	2,065,711	268,663	300,166	55,395	0	24,304	3,688,432

TABLE 25
TOTAL PERSONS LEAVING THE HUB BY HOUR AND MODE IN 2010

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL
12:00am	29,338	29,811	3,367	2,242	357	0	0	65,115
1:00am	18,009	12,448	1,111	1,493	486	0	0	33,547
2:00am	12,138	5,713	303	151	276	0	0	18,581
3:00am	10,266	3,586	289	276	179	0	0	14,596
4:00am	13,326	4,069	535	287	78	0	0	18,295
5:00am	20,845	12,870	3,134	1,324	102	0	0	38,275
6:00am	35,191	37,035	8,361	3,457	398	0	340	84,782
7:00am	46,088	84,768	13,283	6,953	937	0	494	152,523
8:00am	47,426	98,600	14,743	6,337	1,276	0	744	169,126
9:00am	44,214	67,006	11,088	4,214	1,320	0	739	128,581
10:00am	44,725	51,396	6,133	3,623	1,397	0	877	108,151
11:00am	43,452	53,944	6,200	4,020	1,652	0	1,116	110,384
12:00pm	45,798	64,894	6,399	4,957	2,064	0	1,429	125,541
1:00pm	48,411	73,533	8,739	6,526	2,294	0	1,406	140,909
2:00pm	53,936	92,720	13,655	10,031	2,429	0	1,368	174,139
3:00pm	59,135	130,335	20,249	17,056	2,858	0	1,485	231,118
4:00pm	60,371	178,758	29,995	30,631	4,940	0	1,855	306,550
5:00pm	60,837	277,236	30,260	68,869	8,293	0	2,414	447,909
6:00pm	62,642	243,158	33,155	53,149	9,216	0	2,822	404,142
7:00pm	58,091	162,126	18,893	28,025	5,802	0	2,635	275,572
8:00pm	52,163	121,570	11,519	16,631	3,445	0	1,813	207,141
9:00pm	50,553	92,098	7,905	11,946	2,300	0	1,259	166,061
10:00pm	48,900	72,102	6,224	9,207	1,716	0	898	139,047
11:00pm	40,866	52,070	4,051	5,248	1,215	0	559	104,009
TOTAL	1,006,721	2,021,846	259,591	296,653	55,030	0	24,253	3,664,094

TABLE 26
TOTAL PERSONS ENTERING THE HUB BY HOUR AND SECTOR IN 2010

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	N. J. SECTOR	S. I. SECTOR (FERRY)	TOTAL
12:00am	15,023	6,674	3,825	3,754	42	29,318
1:00am	7,765	3,809	2,716	2,145	75	16,510
2:00am	5,228	2,964	1,944	1,093	32	11,261
3:00am	4,665	3,414	2,457	1,211	41	11,788
4:00am	8,057	7,304	6,218	3,655	126	25,360
5:00am	23,928	22,561	18,209	15,488	359	80,545
6:00am	59,090	55,608	48,570	42,340	1,344	206,952
7:00am	127,018	116,018	99,780	77,500	3,350	423,666
8:00am	178,525	167,797	136,335	91,814	6,262	580,733
9:00am	112,038	102,500	76,055	51,583	5,881	348,057
10:00am	69,789	56,889	43,850	25,276	1,916	197,720
11:00am	62,516	45,575	32,192	20,363	1,773	162,419
12:00pm	60,531	40,308	27,963	16,415	1,708	146,925
1:00pm	60,276	40,369	27,858	15,904	2,093	146,500
2:00pm	64,032	42,461	28,938	16,628	1,921	153,980
3:00pm	75,179	43,302	32,033	18,704	1,497	170,715
4:00pm	82,565	44,724	33,078	22,938	1,821	185,126
5:00pm	87,223	47,167	34,702	26,739	1,887	197,718
6:00pm	76,120	36,374	28,367	25,658	1,482	168,001
7:00pm	59,101	27,241	19,111	19,130	947	125,530
8:00pm	48,402	21,920	14,322	11,980	651	97,275
9:00pm	38,643	18,408	12,037	9,952	565	79,605
10:00pm	33,619	16,143	10,323	10,252	456	70,793
11:00pm	25,938	11,697	7,216	6,785	299	51,935
TOTAL	1,385,271	981,227	748,099	537,307	36,528	3,688,432

Note: Roosevelt Tramway data not available because of the modernization and construction work in 2010

TABLE 27
TOTAL PERSONS LEAVING THE HUB BY HOUR AND SECTOR IN 2010

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	N. J. SECTOR	S. I. SECTOR (FERRY)	TOTAL
12:00am	22,631	20,265	15,582	6,306	331	65,115
1:00am	11,519	10,635	7,306	3,601	486	33,547
2:00am	6,685	5,702	4,058	1,860	276	18,581
3:00am	5,342	4,019	3,183	1,873	179	14,596
4:00am	7,274	4,265	3,940	2,738	78	18,295
5:00am	16,877	7,374	7,101	6,821	102	38,275
6:00am	36,303	17,261	15,397	15,542	279	84,782
7:00am	73,831	30,524	22,579	25,104	485	152,523
8:00am	80,101	35,479	24,149	28,744	653	169,126
9:00am	60,867	28,714	17,640	20,451	909	128,581
10:00am	52,545	24,339	16,724	13,394	1,149	108,151
11:00am	50,595	26,375	19,111	12,947	1,356	110,384
12:00pm	55,590	31,599	22,808	13,830	1,714	125,541
1:00pm	59,789	35,086	26,485	17,660	1,889	140,909
2:00pm	68,718	44,453	34,713	24,407	1,848	174,139
3:00pm	83,407	60,906	50,869	33,827	2,109	231,118
4:00pm	98,667	84,973	70,484	49,241	3,185	306,550
5:00pm	143,321	123,991	109,536	66,379	4,682	447,909
6:00pm	129,733	112,174	89,872	66,606	5,757	404,142
7:00pm	92,931	79,228	61,159	38,330	3,924	275,572
8:00pm	69,459	63,159	44,242	27,707	2,574	207,141
9:00pm	58,519	48,898	35,933	20,911	1,800	166,061
10:00pm	50,497	38,895	30,722	17,633	1,300	139,047
11:00pm	36,832	31,034	23,712	11,436	995	104,009
TOTAL	1,372,033	969,348	757,305	527,348	38,060	3,664,094

Note: Roosevelt Tramway data not available because of the modernization and construction work in 2010

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Appendix III

Hourly Detail Tables - 2010

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SECTION A BUS TRANSIT BY SECTOR SUMMARY, 2010-INBOUND

HOURS	60TH ST SECTOR		BROOKLYN SECTOR		QUEENS SECTOR		N. J. SECTOR		TOTAL ALL SECTORS	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00am	36	174	-	-	5	15	70	1,267	111	1,456
1:00am	12	30	-	-	3	4	36	743	51	777
2:00am	8	17	-	-	2	-	16	98	26	115
3:00am	7	19	-	-	2	7	13	66	22	92
4:00am	15	117	2	63	2	6	37	1,353	56	1,539
5:00am	55	574	15	388	5	72	189	6,920	264	7,954
6:00am	138	2,008	73	2,818	50	1,215	539	20,159	800	26,200
7:00am	192	4,502	140	5,814	117	3,701	874	33,642	1,323	47,659
8:00am	172	5,006	177	7,914	130	3,937	940	32,619	1,419	49,476
9:00am	154	3,441	89	3,458	61	1,056	656	18,990	960	26,945
10:00am	111	2,106	32	1,079	26	361	323	8,317	492	11,863
11:00am	111	1,989	19	655	24	232	272	6,007	426	8,883
12:00pm	113	2,044	16	412	23	196	227	4,437	379	7,089
1:00pm	123	1,828	17	465	22	162	272	4,518	434	6,973
2:00pm	120	1,936	15	378	21	117	328	5,328	484	7,759
3:00pm	133	2,528	14	334	23	148	471	7,358	641	10,368
4:00pm	127	2,069	18	414	25	123	575	8,770	745	11,376
5:00pm	128	2,332	14	294	22	137	424	6,696	588	9,459
6:00pm	125	1,902	8	156	21	107	535	8,642	689	10,807
7:00pm	96	1,155	5	41	18	70	350	5,446	469	6,712
8:00pm	84	821	1	11	12	23	238	3,437	335	4,292
9:00pm	80	670	4	71	12	34	181	2,787	277	3,562
10:00pm	74	506	3	68	11	20	165	3,594	253	4,188
11:00pm	60	508	1	18	10	19	107	2,574	178	3,119
TOTAL	2,274	38,282	663	24,851	647	11,762	7,838	193,768	11,422	268,663

SUMMARY, 2010-OUTBOUND

HOURS	60TH ST SECTOR		BROOKLYN SECTOR		QUEENS SECTOR		N. J. SECTOR		TOTAL ALL SECTORS	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00am	59	661	15	489	11	207	70	2,010	155	3,367
1:00am	34	216	3	121	2	14	36	760	75	1,111
2:00am	11	65	1	12	2	15	16	211	30	303
3:00am	10	32	-	-	2	13	13	244	25	289
4:00am	9	28	-	-	3	7	37	500	49	535
5:00am	17	106	-	-	5	4	189	3,024	211	3,134
6:00am	46	407	-	-	5	15	539	7,939	590	8,361
7:00am	91	1,664	-	-	8	46	874	11,573	973	13,283
8:00am	123	2,307	5	54	15	53	940	12,329	1,083	14,743
9:00am	127	1,604	6	34	23	58	656	9,392	812	11,088
10:00am	127	1,455	6	35	24	90	323	4,553	480	6,133
11:00am	109	1,720	9	112	24	104	272	4,264	414	6,200
12:00pm	110	1,982	9	113	20	157	227	4,147	366	6,399
1:00pm	117	2,035	11	245	23	280	272	6,179	423	8,739
2:00pm	119	2,602	23	744	22	265	328	10,044	492	13,655
3:00pm	135	3,219	35	1,182	28	366	471	15,482	669	20,249
4:00pm	160	3,851	97	3,378	66	1,191	575	21,575	898	29,995
5:00pm	198	5,938	132	5,395	109	3,021	424	15,906	863	30,260
6:00pm	182	5,723	117	4,601	95	2,487	535	20,344	929	33,155
7:00pm	150	3,763	58	2,207	51	1,147	350	11,776	609	18,893
8:00pm	119	2,415	38	1,481	22	403	238	7,220	417	11,519
9:00pm	90	1,609	26	826	19	343	181	5,127	316	7,905
10:00pm	80	1,431	20	598	16	217	165	3,978	281	6,224
11:00pm	72	856	17	528	10	114	107	2,553	206	4,051
TOTAL	2,295	45,689	628	22,155	605	10,617	7,838	181,130	11,366	259,591

1. MTA Bus Company data was apportioned by route based on previous year's hourly load percentages, and were split evenly between inbound and outbound travel. Daily net ridership as provided by the operator is at the end of this section.

2. New Jersey bus occupancy counts were determined based on Port Authority of NY & NJ bus traffic counts and on the occupancy rates by hour used in the 2006 Hub Bound Report.

SECTION A

BUS TRANSIT BY ROUTE 60TH STREET SECTOR 2010 - INBOUND

HOURS	YORK AVENUE		SECOND AVE				LEXINGTON AVENUE				FIFTH AVENUE			
	NYCT LOCAL		NYCT LOCAL		NYCT EXPRESS		NYCT LOCAL		MTA BUS CO.		NYCT LOCAL		MTA BUS CO **	
	BUSES	PSGRS	BUSES	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	4	19	4	47	-	-	4	47	7	26	-	-	3	9
1:00am	1	2	2	12	-	-	2	12	3	6	-	-	1	2
2:00am	-	-	2	8	-	-	2	8	3	3	-	-	1	3
3:00am	-	-	2	10	-	-	2	10	3	5	-	-	-	-
4:00am	-	-	4	37	-	-	4	37	6	52	-	-	2	6
5:00am	1	7	5	38	7	59	12	97	11	69	1	23	5	51
6:00am	3	26	10	88	16	256	26	344	18	177	4	83	11	133
7:00am	4	112	11	178	17	618	28	796	13	351	7	151	21	478
8:00am	7	154	9	192	15	919	24	1,111	13	731	7	150	24	968
9:00am	8	86	6	134	10	486	16	620	20	637	4	69	42	881
10:00am	8	100	8	138	9	241	17	379	13	351	3	57	18	412
11:00am	6	88	7	172	9	182	16	354	2	23	18	363	21	527
12:00pm	6	80	8	178	8	188	16	366	2	28	20	397	19	481
1:00pm	7	99	6	137	9	196	15	333	2	17	21	325	25	482
2:00pm	6	136	8	226	9	185	17	411	2	29	19	364	23	466
3:00pm	6	127	7	247	10	420	17	667	2	29	19	421	31	627
4:00pm	4	107	6	225	11	385	17	610	2	17	17	314	37	446
5:00pm	6	182	7	194	9	396	16	590	2	24	19	342	31	482
6:00pm	10	264	8	206	9	257	17	463	1	16	19	286	26	276
7:00pm	8	186	5	139	5	157	10	296	2	7	21	185	16	154
8:00pm	6	106	7	134	6	123	13	257	1	2	11	131	16	115
9:00pm	6	82	6	69	5	92	11	161	2	3	15	131	10	56
10:00pm	4	60	7	95	3	34	10	129	1	-	11	71	15	61
11:00pm	2	12	5	106	-	-	5	106	1	4	12	113	7	36
TOTAL	113	2,035	150	3,010	167	5,194	317	8,204	310	5,652	48	732	358	6,384

60TH STREET SECTOR 2010- INBOUND (CONT'D)

HOURS	BROADWAY				COLUMBUS AVE		WEST END AVENUE		TOTAL							
	NYCT LOCAL		MTA BUS CO. **		NYCT LOCAL		NYCT LOCAL		NYC TRANSIT		MTA BUS CO.		WCDOT *		ALL BUSES	
	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	12	55	-	-	12	55	2	9	34	166	2	8	-	-	36	174
1:00am	5	8	-	-	5	8	-	-	12	30	-	-	-	-	12	30
2:00am	2	3	-	-	2	3	-	-	8	17	-	-	-	-	8	17
3:00am	2	4	-	-	2	4	-	-	7	19	-	-	-	-	7	19
4:00am	3	22	-	-	3	22	-	-	15	117	-	-	-	-	15	117
5:00am	7	25	-	-	7	25	3	8	40	262	9	228	6	84	55	574
6:00am	21	80	2	33	23	113	5	30	89	830	43	1,095	6	83	138	2,008
7:00am	26	365	4	71	30	436	6	94	104	2,284	78	2,105	10	113	192	4,502
8:00am	35	547	3	48	38	595	6	106	115	3,772	50	1,189	7	45	172	5,006
9:00am	28	471	3	30	31	501	5	152	125	2,961	27	444	2	36	154	3,441
10:00am	25	385	2	18	27	403	6	50	90	1,733	19	328	2	45	111	2,106
11:00am	25	300	2	20	27	320	6	78	95	1,764	16	225	-	-	111	1,989
12:00pm	25	350	2	16	27	366	6	106	95	1,847	17	179	1	18	113	2,044
1:00pm	31	296	2	24	33	320	6	98	108	1,662	15	166	-	-	123	1,828
2:00pm	30	291	2	11	32	302	4	72	102	1,757	18	179	-	-	120	1,936
3:00pm	33	348	2	10	35	358	8	153	116	2,355	17	173	-	-	133	2,528
4:00pm	29	304	2	22	31	326	3	50	111	1,889	16	180	-	-	127	2,069
5:00pm	29	356	2	9	31	365	7	187	112	2,205	16	127	-	-	128	2,332
6:00pm	27	384	2	7	29	391	4	95	108	1,814	17	88	-	-	125	1,902
7:00pm	23	167	1	3	24	170	4	89	83	1,102	13	53	-	-	96	1,155
8:00pm	19	124	2	4	21	128	2	24	71	793	13	28	-	-	84	821
9:00pm	21	148	2	3	23	151	4	52	67	632	13	38	-	-	80	670
10:00pm	17	72	3	3	20	75	3	31	62	438	12	68	-	-	74	506
11:00pm	16	154	1	1	17	155	3	35	48	463	12	45	-	-	60	508
TOTAL	491	5,259	39	333	530	5,592	93	1,519	1,817	30,912	423	6,946	34	424	2,274	38,282

* WCDOT refers to Bee-Line buses operated by the Westchester County Department of Transportation.

** MTA Bus Company data was apportioned by route based on previous year's hourly load percentages, and were split evenly between inbound and outbound travel. Daily net ridership as provided by the operator is at the end of this section.

SECTION A

BUS TRANSIT BY ROUTE 60TH STREET SECTOR 2010-OUTBOUND

HOURS	YORK AVENUE		FIRST AVENUE						THIRD AVENUE						MADISON AVENUE							
	NYCT LOCAL		BUS		PSGRS				BUS		PSGRS				BUS		PSGRS		BUS		PSGRS	
	BUS	PSGRS																				
12:00 am	3	46	8	91	-	-	8	91	11	172	1	5	12	177	5	95	8	120	-	-	13	215
1:00am	1	4	7	39	-	-	7	39	5	49	1	2	6	51	3	49	3	26	-	-	6	75
2:00am	-	-	4	13	-	-	4	13	3	30	-	-	3	30	1	13	-	-	-	-	1	13
3:00am	-	-	3	10	-	-	3	10	3	11	-	-	3	11	1	3	-	-	-	-	1	3
4:00am	-	-	2	6	-	-	2	6	3	7	-	-	3	7	1	2	-	-	-	-	1	2
5:00am	2	24	4	46	-	-	4	46	6	24	-	-	6	24	1	4	-	-	-	-	1	4
6:00am	4	82	3	56	5	86	8	142	12	60	-	-	12	60	4	34	1	-	-	-	5	34
7:00am	6	170	8	166	10	491	18	657	14	248	1	1	15	249	17	233	10	50	-	-	27	283
8:00am	11	387	7	122	18	650	25	772	13	351	3	6	16	357	18	260	15	66	-	-	33	326
9:00am	10	294	11	149	14	371	25	520	15	234	2	2	17	236	23	240	10	30	-	-	33	270
10:00am	6	128	8	112	11	292	19	404	17	284	2	2	19	286	28	330	12	24	-	-	40	354
11:00am	6	135	8	211	9	251	17	462	13	297	2	2	15	299	21	361	13	66	-	-	34	427
12:00pm	7	134	7	178	8	297	15	475	15	352	1	3	16	355	21	417	12	53	1	15	34	485
1:00pm	6	123	8	153	10	268	18	421	15	356	3	16	18	372	20	443	14	108	-	-	34	551
2:00pm	6	149	6	157	10	419	16	576	14	425	3	19	17	444	24	661	14	151	2	19	40	831
3:00pm	6	174	6	180	9	448	15	628	20	528	4	22	24	550	23	710	19	265	4	55	46	1,030
4:00pm	6	132	8	293	8	416	16	709	16	490	5	38	21	528	27	809	34	694	10	106	71	1,609
5:00pm	10	232	7	308	12	837	19	1,145	17	761	6	60	23	821	35	1,133	56	1,434	6	84	97	2,651
6:00pm	6	138	8	274	9	612	17	886	31	1,359	5	50	36	1,409	33	1,122	43	1,032	6	82	82	2,236
7:00pm	4	62	8	234	11	644	19	878	22	694	4	24	26	718	27	646	28	622	2	29	57	1,297
8:00pm	5	75	7	153	8	332	15	485	20	482	3	33	23	515	17	254	18	382	1	33	36	669
9:00pm	4	30	6	147	6	204	12	351	14	327	2	9	16	336	19	298	13	222	-	-	32	520
10:00pm	3	21	7	173	7	146	14	319	13	248	2	16	15	264	11	170	8	180	-	-	19	350
11:00pm	3	26	8	160	-	-	8	160	13	164	2	3	15	167	10	129	8	155	-	-	18	284
TOTAL	115	2,566	159	3,431	165	6,764	324	10,195	325	7,953	52	313	377	8,266	390	8,416	339	5,680	32	423	761	14,519

60TH STREET SECTOR 2010-OUTBOUND (CONT'D)

HOURS	CP West		BROADWAY						AMSTERDAM AVE.		WEST END AVE		TOTAL							
	NYCT LOCAL		BUS		PSGRS				BUS		PSGRS		BUS		PSGRS		BUS		PSGRS	
	BUS	PSGRS																		
12:00 am	6	19	10	86	2	8	12	94	2	11	3	8	48	528	11	133	-	-	59	661
1:00am	4	7	8	35	-	-	8	35	-	-	2	5	30	188	4	28	-	-	34	216
2:00am	1	2	2	7	-	-	2	7	-	-	-	-	11	65	-	-	-	-	11	65
3:00am	-	-	3	8	-	-	3	8	-	-	-	-	10	32	-	-	-	-	10	32
4:00am	-	-	3	13	-	-	3	13	-	-	-	-	9	28	-	-	-	-	9	28
5:00am	1	1	1	2	-	-	1	2	-	-	2	5	17	106	-	-	-	-	17	106
6:00am	3	7	9	33	-	-	9	33	3	45	2	4	45	407	1	-	-	-	46	407
7:00am	4	31	10	81	2	-	12	81	4	137	5	56	78	1,613	13	51	-	-	91	1,664
8:00am	10	45	17	159	1	1	18	160	5	147	5	113	104	2,234	19	73	-	-	123	2,307
9:00am	8	36	18	138	3	1	21	139	6	83	7	26	112	1,571	15	33	-	-	127	1,604
10:00am	9	38	21	140	2	-	23	140	6	88	5	17	111	1,429	16	26	-	-	127	1,455
11:00am	5	34	20	244	2	2	22	246	5	99	5	18	92	1,650	17	70	-	-	109	1,720
12:00pm	7	71	18	289	2	5	20	294	7	130	4	38	94	1,906	15	61	1	15	110	1,982
1:00pm	9	76	20	339	2	7	22	346	5	88	5	58	98	1,904	19	131	-	-	117	2,035
2:00pm	9	68	19	363	2	13	21	376	6	113	4	45	98	2,400	19	183	2	19	119	2,602
3:00pm	10	101	21	483	2	12	23	495	6	180	5	61	106	2,865	25	299	4	55	135	3,219
4:00pm	9	130	22	479	3	27	25	506	6	182	6	55	108	2,986	42	759	10	106	160	3,851
5:00pm	11	146	22	662	5	56	27	718	7	182	4	43	125	4,304	67	1,550	6	84	198	5,938
6:00pm	9	105	18	648	4	43	22	691	4	126	6	132	124	4,516	52	1,125	6	82	182	5,723
7:00pm	10	103	20	422	2	25	22	447	5	148	7	110	114	3,063	34	671	2	29	150	3,763
8:00pm	9	94	18	402	2	11	20	413	5	90	6	74	95	1,956	23	426	1	33	119	2,415
9:00pm	5	50	13	232	2	23	15	255	3	39	3	28	73	1,355	17	254	-	-	90	1,609
10:00pm	6	67	15	295	2	11	17	306	3	63	3	41	68	1,224	12	207	-	-	80	1,431
11:00pm	6	29	14	132	2	11	16	143	3	39	3	8	60	687	12	169	-	-	72	856
TOTAL	151	1,260	342	5,692	42	256	384	5,948	91	1,990	92	945	1,830	39,017	433	6,249	32	423	2,295	45,689

* WCDOT refers to Bee-Line buses operated by the Westchester County Department of Transportation.

** MTA Bus Company data was apportioned by route based on previous year's hourly load percentages, and were split evenly between inbound and outbound travel. Daily net ridership as provided by the operator is at the end of this section.

SECTION A

BUS TRANSIT BY ROUTE BROOKLYN SECTOR 2010-INBOUND

HOURS	BROOKLYN BATTERY TUNNEL (Express)						TOTAL					
	NYC Transit		MTA Bus Co		TOTAL		NYC Transit		MTA Bus Co		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	-	-	-	-	-	-	-	-	-	-	-	-
1:00am	-	-	-	-	-	-	-	-	-	-	-	-
2:00am	-	-	-	-	-	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-	-	-	-	-	-
4:00am	2	63	-	-	2	63	2	63	-	-	2	63
5:00am	11	337	4	51	15	388	11	337	4	51	15	388
6:00am	62	2,510	11	308	73	2,818	62	2,510	11	308	73	2,818
7:00am	116	4,982	24	832	140	5,814	116	4,982	24	832	140	5,814
8:00am	152	7,096	25	818	177	7,914	152	7,096	25	818	177	7,914
9:00am	80	3,259	9	199	89	3,458	80	3,259	9	199	89	3,458
10:00am	25	1,004	7	75	32	1,079	25	1,004	7	75	32	1,079
11:00am	14	600	5	55	19	655	14	600	5	55	19	655
12:00pm	12	371	4	41	16	412	12	371	4	41	16	412
1:00pm	13	437	4	28	17	465	13	437	4	28	17	465
2:00pm	11	357	4	21	15	378	11	357	4	21	15	378
3:00pm	11	320	3	14	14	334	11	320	3	14	14	334
4:00pm	14	406	4	8	18	414	14	406	4	8	18	414
5:00pm	11	281	3	13	14	294	11	281	3	13	14	294
6:00pm	7	155	1	1	8	156	7	155	1	1	8	156
7:00pm	2	40	3	1	5	41	2	40	3	1	5	41
8:00pm	1	11	-	-	1	11	1	11	-	-	1	11
9:00pm	4	71	-	-	4	71	4	71	-	-	4	71
10:00pm	3	68	-	-	3	68	3	68	-	-	3	68
11:00pm	1	18	-	-	1	18	1	18	-	-	1	18
TOTAL	552	22,386	111	2,465	663	24,851	552	22,386	111	2,465	663	24,851

BROOKLYN SECTOR 2010-OUTBOUND

HOURS	BROOKLYN BATTERY TUNNEL (EXPRESS)						TOTAL					
	NYC Transit		MTA Bus Co		TOTAL		NYC Transit		MTA Bus Co		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	12	460	3	29	15	489	12	460	3	29	15	489
1:00am	3	121	-	-	3	121	3	121	-	-	3	121
2:00am	1	12	-	-	1	12	1	12	-	-	1	12
3:00am	-	-	-	-	-	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-	-	-	-	-	-
5:00am	-	-	-	-	-	-	-	-	-	-	-	-
6:00am	-	-	-	-	-	-	-	-	-	-	-	-
7:00am	-	-	-	-	-	-	-	-	-	-	-	-
8:00am	5	54	-	-	5	54	5	54	-	-	5	54
9:00am	4	31	2	3	6	34	4	31	2	3	6	34
10:00am	3	35	3	-	6	35	3	35	3	-	6	35
11:00am	6	109	3	3	9	112	6	109	3	3	9	112
12:00pm	5	101	4	12	9	113	5	101	4	12	9	113
1:00pm	8	228	3	17	11	245	8	228	3	17	11	245
2:00pm	19	715	4	29	23	744	19	715	4	29	23	744
3:00pm	25	1,019	10	163	35	1,182	25	1,019	10	163	35	1,182
4:00pm	80	2,985	17	393	97	3,378	80	2,985	17	393	97	3,378
5:00pm	114	4,834	18	561	132	5,395	114	4,834	18	561	132	5,395
6:00pm	98	4,013	19	588	117	4,601	98	4,013	19	588	117	4,601
7:00pm	49	1,998	9	209	58	2,207	49	1,998	9	209	58	2,207
8:00pm	31	1,328	7	153	38	1,481	31	1,328	7	153	38	1,481
9:00pm	18	730	8	96	26	826	18	730	8	96	26	826
10:00pm	17	559	3	39	20	598	17	559	3	39	20	598
11:00pm	14	485	3	43	17	528	14	485	3	43	17	528
TOTAL	512	19,817	116	2,338	628	22,155	512	19,817	116	2,338	628	22,155

1. MTA Bus Company data was apportioned by route based on previous year's hourly load percentages, and were split evenly between inbound and outbound travel. Daily net ridership as provided by the operator is at the end of this section.

SECTION A

BUS TRANSIT BY ROUTE

QUEENS SECTOR 2010-INBOUND

HOURS	QUEENSBORO BRIDGE						QUEENS MIDTOWN TUNNEL						TOTAL					
	NYC Transit		MTA Bus Co		TOTAL		NYC Transit		MTA Bus Co		TOTAL		NYC Transit		MTA Bus Co		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	3	9	2	6	5	15	-	-	-	-	-	-	3	9	2	6	5	15
1:00am	2	2	1	2	3	4	-	-	-	-	-	-	2	2	1	2	3	4
2:00am	-	-	2	-	2	-	-	-	-	-	-	-	-	-	2	-	2	-
3:00am	-	-	2	7	2	7	-	-	-	-	-	-	-	-	2	7	2	7
4:00am	-	-	2	6	2	6	-	-	-	-	-	-	-	-	2	6	2	6
5:00am	-	-	4	55	4	55	-	-	1	17	1	17	-	-	5	72	5	72
6:00am	4	44	3	44	7	88	4	133	39	994	43	1,127	8	177	42	1,038	50	1,215
7:00am	7	111	2	48	9	159	13	525	95	3,017	108	3,542	20	636	97	3,065	117	3,701
8:00am	7	134	7	85	14	219	13	435	103	3,283	116	3,718	20	569	110	3,368	130	3,937
9:00am	7	99	9	65	16	164	2	52	43	840	45	892	9	151	52	905	61	1,056
10:00am	6	85	6	69	12	154	-	-	14	207	14	207	6	85	20	276	26	361
11:00am	5	95	7	36	12	131	-	-	12	101	12	101	5	95	19	137	24	232
12:00pm	4	90	9	47	13	137	-	-	10	59	10	59	4	90	19	106	23	196
1:00pm	5	57	8	61	13	118	-	-	9	44	9	44	5	57	17	105	22	162
2:00pm	5	45	7	46	12	91	-	-	9	26	9	26	5	45	16	72	21	117
3:00pm	7	72	6	35	13	107	-	-	10	41	10	41	7	72	16	76	23	148
4:00pm	7	50	9	33	16	83	-	-	9	40	9	40	7	50	18	73	25	123
5:00pm	7	61	8	59	15	120	-	-	7	17	7	17	7	61	15	76	22	137
6:00pm	7	38	6	49	13	87	-	-	8	20	8	20	7	38	14	69	21	107
7:00pm	5	29	5	31	10	60	-	-	8	10	8	10	5	29	13	41	18	70
8:00pm	5	19	4	9	23	-	-	-	3	-	3	-	5	19	7	4	12	23
9:00pm	4	23	3	7	7	30	-	-	5	4	5	4	4	23	8	11	12	34
10:00pm	4	17	2	2	6	19	-	-	5	1	5	1	4	17	7	3	11	20
11:00pm	4	10	3	9	7	19	-	-	3	-	3	-	4	10	6	9	10	19
TOTAL	105	1,090	117	806	222	1,896	32	1,145	393	8,721	425	9,866	137	2,235	510	9,527	647	11,762

QUEENS SECTOR 2010-OUTBOUND

HOURS	QUEENSBORO BRIDGE						Queens Midtown Tunnel						TOTAL					
	NYC Transit (Local)		NYC Transit (Express)		MTA Bus Co (Local)		MTA Bus Co (Express)		TOTAL		MTA Bus Co.		TOTAL		NYC Transit		MTA Bus Co	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	4	117	-	-	2	50	4	34	10	201	1	6	1	6	4	117	7	90
1:00am	-	-	-	-	2	14	-	-	2	14	-	-	-	-	-	-	2	14
2:00am	-	-	-	-	2	15	-	-	2	15	-	-	-	-	-	-	2	15
3:00am	-	-	-	-	2	13	-	-	2	13	-	-	-	-	-	-	2	13
4:00am	1	1	-	-	2	6	-	-	3	7	-	-	-	-	1	1	2	6
5:00am	2	2	-	-	3	2	-	-	5	4	-	-	-	-	2	2	3	2
6:00am	1	3	-	-	4	12	-	-	5	15	-	-	-	-	1	3	4	12
7:00am	4	23	-	-	4	23	-	-	8	46	-	-	-	-	4	23	4	23
8:00am	5	22	-	-	6	26	4	5	15	53	-	-	-	-	5	22	10	31
9:00am	6	25	-	-	8	26	9	7	23	58	-	-	-	-	6	25	17	33
10:00am	8	41	-	-	7	33	8	16	23	90	1	-	1	-	8	41	16	49
11:00am	5	33	-	-	9	44	9	24	23	101	1	3	1	3	5	33	19	71
12:00pm	5	78	-	-	7	44	8	35	20	157	-	-	-	-	5	78	15	79
1:00pm	6	127	-	-	7	61	9	89	22	277	1	3	1	3	6	127	17	153
2:00pm	4	102	-	-	5	77	11	76	20	255	2	10	2	10	4	102	18	163
3:00pm	5	31	-	-	4	99	15	202	24	332	4	34	4	34	5	31	23	335
4:00pm	5	128	7	158	9	158	37	603	58	1,047	8	144	8	144	12	286	54	905
5:00pm	7	211	12	381	6	160	67	1,759	92	2,511	17	510	17	510	19	592	90	2,429
6:00pm	8	246	10	340	8	145	61	1,472	87	2,203	8	284	8	284	18	586	77	1,901
7:00pm	7	164	3	95	4	86	30	619	44	964	7	183	7	183	10	259	41	888
8:00pm	5	99	-	-	6	82	10	206	21	387	1	16	1	16	5	99	17	304
9:00pm	6	132	-	-	4	45	8	153	18	330	1	13	1	13	6	132	13	211
10:00pm	5	70	-	-	4	63	6	78	15	211	1	6	1	6	5	70	11	147
11:00pm	1	15	-	-	2	39	6	55	9	109	1	5	1	5	1	15	9	99
TOTAL	100	1,670	32	974	117	1,323	302	5,433	551	9,400	54	1,217	54	1,217	132	2,644	473	7,973

1. MTA Bus Company data was apportioned by route based on previous year's hourly load percentages, and were split evenly between inbound and outbound travel. Daily net ridership as provided by the operator is at the end of this section.

SECTION A

BUS TRANSIT BY ROUTE NEW JERSEY SECTOR 2010-INBOUND

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	9	163	61	1,104	70	1,267
1:00am	6	124	30	619	36	743
2:00am	6	37	10	61	16	98
3:00am	4	20	9	46	13	66
4:00am	7	256	30	1,097	37	1,353
5:00am	23	842	166	6,078	189	6,920
6:00am	55	2,057	484	18,102	539	20,159
7:00am	54	2,079	820	31,563	874	33,642
8:00am	55	1,909	885	30,710	940	32,619
9:00am	44	1,274	612	17,716	656	18,990
10:00am	40	1,030	283	7,287	323	8,317
11:00am	27	596	245	5,411	272	6,007
12:00pm	31	606	196	3,831	227	4,437
1:00pm	38	631	234	3,887	272	4,518
2:00pm	35	569	293	4,759	328	5,328
3:00pm	77	1,203	394	6,155	471	7,358
4:00pm	103	1,571	472	7,199	575	8,770
5:00pm	87	1,374	337	5,322	424	6,696
6:00pm	85	1,373	450	7,269	535	8,642
7:00pm	31	482	319	4,964	350	5,446
8:00pm	25	361	213	3,076	238	3,437
9:00pm	18	277	163	2,510	181	2,787
10:00pm	18	392	147	3,202	165	3,594
11:00pm	6	144	101	2,430	107	2,574
TOTAL	884	19,370	6,954	174,398	7,838	193,768

NEW JERSEY SECTOR 2010-OUTBOUND

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	9	258	61	1,752	70	2,010
1:00am	6	127	30	633	36	760
2:00am	6	79	10	132	16	211
3:00am	4	75	9	169	13	244
4:00am	7	95	30	405	37	500
5:00am	23	368	166	2,656	189	3,024
6:00am	55	810	484	7,129	539	7,939
7:00am	54	715	820	10,858	874	11,573
8:00am	55	721	885	11,608	940	12,329
9:00am	44	630	612	8,762	656	9,392
10:00am	40	564	283	3,989	323	4,553
11:00am	27	423	245	3,841	272	4,264
12:00pm	31	566	196	3,581	227	4,147
1:00pm	38	863	234	5,316	272	6,179
2:00pm	35	1,072	293	8,972	328	10,044
3:00pm	77	2,531	394	12,951	471	15,482
4:00pm	103	3,865	472	17,710	575	21,575
5:00pm	87	3,264	337	12,642	424	15,906
6:00pm	85	3,232	450	17,112	535	20,344
7:00pm	31	1,043	319	10,733	350	11,776
8:00pm	25	758	213	6,462	238	7,220
9:00pm	18	510	163	4,617	181	5,127
10:00pm	18	434	147	3,544	165	3,978
11:00pm	6	143	101	2,410	107	2,553
TOTAL	884	23,146	6,954	157,984	7,838	181,130

1. New Jersey bus occupancy counts were determined based on Port Authority of NY & NJ bus traffic counts and on the occupancy rates by hour used in the 2006 Hub Bound Report.

SECTION A

EXPRESS BUS RIDERSHIP BY SECTOR AND OPERATOR

INBOUND EXPRESS ONLY

2010

HOURS	60TH ST SECTOR						BROOKLYN SECTOR						QUEENS SECTOR						N. J. SECTOR		TOTAL ALL SECTORS	
	NYC TRANSIT		MTA BUS CO.		WDOT		NYC TRANSIT		MTA BUS CO.				NYC TRANSIT		MTA BUS CO.				OTHER OPERATORS*		BUSES	PSGRS
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00am	-	-	2	8	-	-	-	-	-	-	-	-	-	-	-	-	70	1,267	72	1,275		
1:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	743	36	743		
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	98	16	98		
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	66	13	66		
4:00am	-	-	-	-	-	-	2	63	-	-	-	-	-	-	-	-	37	1,353	39	1,416		
5:00am	7	59	9	228	6	84	11	337	4	51	-	-	-	-	1	17	189	6,920	227	7,696		
6:00am	16	256	43	1,095	6	83	62	2,510	11	308	4	133	39	994	539	20,159	720	25,538				
7:00am	17	618	78	2,105	10	113	116	4,982	24	832	13	525	95	3,017	874	33,642	1,227	45,834				
8:00am	15	919	50	1,189	7	45	152	7,096	25	818	13	435	103	3,283	940	32,619	1,305	46,404				
9:00am	10	486	27	444	2	36	80	3,259	9	199	2	52	43	840	656	18,990	829	24,306				
10:00am	9	241	19	328	2	45	25	1,004	7	75	-	-	14	207	323	8,317	399	10,217				
11:00am	9	182	16	225	-	-	14	600	5	55	-	-	12	101	272	6,007	328	7,170				
12:00pm	8	188	17	179	1	18	12	371	4	41	-	-	10	59	227	4,437	279	5,293				
1:00pm	9	196	15	166	-	-	13	437	4	28	-	-	9	44	272	4,518	322	5,389				
2:00pm	9	185	18	179	-	-	11	357	4	21	-	-	9	26	328	5,328	379	6,096				
3:00pm	10	420	17	173	-	-	11	320	3	14	-	-	10	41	471	7,358	522	8,326				
4:00pm	11	385	16	180	-	-	14	406	4	8	-	-	9	40	575	8,770	629	9,789				
5:00pm	9	396	16	127	-	-	11	281	3	13	-	-	7	17	424	6,696	470	7,530				
6:00pm	9	257	17	88	-	-	7	155	1	1	-	-	8	20	535	8,642	577	9,163				
7:00pm	5	157	13	53	-	-	2	40	3	1	-	-	8	10	350	5,446	381	5,707				
8:00pm	6	123	13	28	-	-	1	11	-	-	-	-	3	-	238	3,437	261	3,599				
9:00pm	5	92	13	38	-	-	4	71	-	-	-	-	5	4	181	2,787	208	2,992				
10:00pm	3	34	12	68	-	-	3	68	-	-	-	-	5	1	165	3,594	188	3,765				
11:00pm	-	-	12	45	-	-	1	18	-	-	-	-	3	-	107	2,574	123	2,637				
TOTAL	167	5,194	423	6,946	34	424	552	22,386	111	2,465	32	1,145	393	8,721	7,838	193,768	9,550	241,049				

EXPRESS BUS RIDERSHIP BY SECTOR AND OPERATOR

OUTBOUND EXPRESS ONLY

2010

HOURS	60TH ST SECTOR						BROOKLYN SECTOR						QUEENS SECTOR						N. J. SECTOR		TOTAL ALL SECTORS	
	NYC TRANSIT		MTA BUS CO.		WDOT		NYC TRANSIT		MTA BUS CO.				NYC TRANSIT		MTA BUS CO.				OTHER OPERATORS		BUSES	PSGRS
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00am	-	-	11	133	-	-	12	460	3	29	-	-	5	40	70	2,010	101	2,672				
1:00am	-	-	4	28	-	-	3	121	-	-	-	-	-	-	36	760	43	909				
2:00am	-	-	-	-	-	-	1	12	-	-	-	-	-	-	16	211	17	223				
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	244	13	244				
4:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	500	37	500				
5:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	189	3,024	189	3,024				
6:00am	5	86	1	-	-	-	-	-	-	-	-	-	-	-	539	7,939	545	8,025				
7:00am	10	491	13	51	-	-	-	-	-	-	-	-	-	-	874	11,573	897	12,115				
8:00am	18	650	19	73	-	-	5	54	-	-	-	-	4	5	940	12,329	986	13,111				
9:00am	14	371	15	33	-	-	4	31	2	3	-	-	9	7	656	9,392	700	9,837				
10:00am	11	292	16	26	-	-	3	35	3	-	-	-	9	16	323	4,553	365	4,922				
11:00am	9	251	17	70	-	-	6	109	3	3	-	-	10	27	272	4,264	317	4,724				
12:00pm	8	297	15	61	1	15	5	101	4	12	-	-	8	35	227	4,147	268	4,668				
1:00pm	10	268	19	131	-	-	8	228	3	17	-	-	10	92	272	6,179	322	6,915				
2:00pm	10	419	19	183	2	19	19	715	4	29	-	-	13	86	328	10,044	395	11,495				
3:00pm	9	448	25	299	4	55	25	1,019	10	163	-	-	19	236	471	15,482	563	17,702				
4:00pm	8	416	42	759	10	106	80	2,985	17	393	7	158	45	747	575	21,575	784	27,139				
5:00pm	12	837	67	1,550	6	84	114	4,834	18	561	12	381	84	2,269	424	15,906	737	26,422				
6:00pm	9	612	52	1,125	6	82	98	4,013	19	588	10	340	69	1,756	535	20,344	798	28,860				
7:00pm	11	644	34	671	2	29	49	1,998	9	209	3	95	37	802	350	11,776	495	16,224				
8:00pm	8	332	23	426	1	33	31	1,328	7	153	-	-	11	222	238	7,220	319	9,714				
9:00pm	6	204	17	254	-	-	18	730	8	96	-	-	9	166	181	5,127	239	6,577				
10:00pm	7	146	12	207	-	-	17	559	3	39	-	-	7	84	165	3,978	211	5,013				
11:00pm	-	-	12	169	-	-	14	485	3	43	-	-	7	60	107	2,553	143	3,310				
TOTAL	165	6,764	433	6,249	32	423	512	19,817	116	2,338	32	974	356	6,650	7,838	181,130	9,484	224,345				

SECTION A
MTA BUS CO. EXPRESS BUS RIDERSHIP
BY ROUTE - ORIGINAL DATA
2010

Route	Daily	12am-6am	6am-9am	9am-4pm	4pm-7pm	7pm-12am
BM1	1,425	31	547	218	476	153
BM2	1,235	20	545	143	362	165
BM3	1,232	17	512	163	376	164
BM4	911	12	354	136	350	59
BM5	618	23	235	89	195	76
BxM1	1,045	30	391	318	205	101
BxM2	589	8	153	169	164	95
BxM3	621	17	259	103	174	68
BxM4	390	0	132	69	106	83
BxM6	774	9	258	131	270	106
BxM7	2,998	166	942	518	767	605
BxM7A	1,727	17	599	263	629	219
BxM9	2,050	92	702	431	623	202
BxM10	1,705	26	541	353	512	273
BxM11	1,002	32	347	142	309	172
BxM18	294	0	189	0	70	35
QM1	618	0	327	120	151	20
QM2	1,968	7	817	265	652	227
QM2A	1,306	0	606	167	381	152
QM3	135	0	87	0	48	0
QM4	966	15	447	176	213	115
QM5	1,630	9	654	251	533	183
QM6	933	3	451	106	256	117
QM7	848	0	545	69	207	27
QM8	572	0	223	0	281	68
QM10	477	0	242	68	157	10
QM11	481	0	247	49	142	43
QM12	582	0	374	50	128	30
QM15	1,101	0	493	175	309	124
QM16	469	0	201	0	254	14
QM17	413	0	236	11	133	33
QM18	303	0	159	30	99	15
QM21	473	0	172	52	195	54
QM24	1,183	0	616	133	402	32
QM25	295	0	167	6	113	9
Total	33,369	534	13,770	4,974	10,242	3,849

SECTION B

SUBWAY BY SECTOR SUMMARY, 2010-INBOUND

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			ALL SECTORS		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	30	284	3,141	34	314	1,984	15	156	873	5	35	261	84	789	6,259
1:00am	21	198	1,215	28	254	877	13	133	852	3	21	103	65	606	3,047
2:00am	23	218	824	28	256	719	12	123	402	4	28	79	67	625	2,024
3:00am	19	178	746	27	246	1,094	12	123	682	3	21	105	61	568	2,627
4:00am	24	228	2,445	27	246	3,478	13	133	2,607	4	28	357	68	635	8,887
5:00am	37	348	11,931	38	342	14,001	21	210	10,323	3	21	1,845	99	921	38,100
6:00am	69	646	32,429	88	780	39,344	53	522	27,245	20	140	6,477	230	2,088	105,495
7:00am	94	886	78,669	125	1,110	94,903	76	746	60,113	36	252	17,264	331	2,994	250,949
8:00am	106	998	112,711	148	1,316	143,962	90	883	86,301	49	343	27,074	393	3,540	370,048
9:00am	93	872	64,871	123	1,102	84,368	67	654	50,310	41	287	11,298	324	2,915	210,847
10:00am	81	762	37,743	103	920	43,924	55	533	29,901	22	154	4,435	261	2,369	116,003
11:00am	80	748	33,095	105	942	33,929	51	491	20,737	21	147	3,419	257	2,328	91,180
12:00pm	79	738	32,126	103	922	29,194	51	493	17,400	21	147	3,112	254	2,300	81,832
1:00pm	83	778	33,216	102	912	29,003	50	480	17,200	21	147	2,846	256	2,317	82,265
2:00pm	85	800	36,997	104	932	30,255	52	501	18,153	25	175	2,970	266	2,408	88,375
3:00pm	82	770	46,196	109	980	31,692	58	560	20,409	19	133	3,237	268	2,443	101,534
4:00pm	110	1,036	54,093	133	1,198	33,198	78	759	21,639	33	231	5,529	354	3,224	114,459
5:00pm	103	960	56,124	132	1,192	35,146	76	751	22,628	47	329	9,465	358	3,232	123,363
6:00pm	87	810	43,584	120	1,082	25,471	71	696	16,045	42	294	7,031	320	2,882	92,131
7:00pm	68	630	29,240	108	970	17,579	67	650	9,583	24	168	3,559	267	2,418	59,961
8:00pm	76	708	22,935	101	900	12,445	61	598	6,982	23	161	2,175	261	2,367	44,537
9:00pm	67	624	15,650	86	764	9,435	50	484	5,682	20	140	1,547	223	2,012	32,314
10:00pm	62	580	11,929	74	662	7,255	44	428	4,179	16	112	1,109	196	1,782	24,472
11:00pm	36	342	7,516	52	476	4,291	25	255	2,558	14	98	637	127	1,171	15,002
TOTAL	1,615	15,142	769,426	2,098	18,818	727,547	1,161	11,362	452,804	516	3,612	115,934	5,390	48,934	2,065,711

SECTION B

SUBWAY BY SECTOR
SUMMARY, 2010-OUTBOUND

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			ALL SECTORS		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	30	284	9,512	35	314	10,669	20	206	8,515	5	35	1,115	90	839	29,811
1:00am	27	254	4,226	30	274	4,906	12	123	2,881	4	28	435	73	679	12,448
2:00am	21	198	2,137	26	238	1,966	12	123	1,343	3	21	267	62	580	5,713
3:00am	23	220	1,363	27	244	1,132	12	123	909	3	21	182	65	608	3,586
4:00am	21	196	1,754	28	258	1,151	12	123	950	4	28	214	65	605	4,069
5:00am	27	258	7,020	36	330	3,072	16	163	2,376	4	28	402	83	779	12,870
6:00am	44	410	18,242	79	712	9,369	45	446	7,778	21	147	1,646	189	1,715	37,035
7:00am	80	738	45,495	114	1,020	20,755	66	657	14,202	38	266	4,316	298	2,681	84,768
8:00am	106	978	49,918	135	1,208	24,919	79	786	16,197	46	322	7,566	366	3,294	98,600
9:00am	103	962	33,464	135	1,212	18,982	75	743	11,071	35	245	3,489	348	3,162	67,006
10:00am	90	844	26,130	110	990	14,822	57	559	8,785	22	154	1,659	279	2,547	51,396
11:00am	80	750	25,446	98	876	16,643	53	514	10,359	21	147	1,496	252	2,287	53,944
12:00pm	87	816	28,999	102	914	21,079	52	508	12,838	21	147	1,978	262	2,385	64,894
1:00pm	77	718	31,898	105	940	24,232	51	498	15,163	21	147	2,240	254	2,303	73,533
2:00pm	83	778	37,878	104	934	31,739	52	508	20,117	21	147	2,986	260	2,367	92,720
3:00pm	83	778	48,286	107	962	45,726	56	551	31,387	23	161	4,936	269	2,452	130,335
4:00pm	86	806	58,679	129	1,162	65,761	67	658	44,459	35	245	9,859	317	2,871	178,758
5:00pm	106	1,002	85,495	144	1,286	102,268	85	840	67,271	47	329	22,202	382	3,457	277,236
6:00pm	100	950	74,636	123	1,102	91,076	75	743	57,668	41	287	19,778	339	3,082	243,158
7:00pm	82	768	49,625	107	950	62,014	67	662	39,443	24	168	11,044	280	2,548	162,126
8:00pm	77	720	37,341	104	932	47,834	60	589	29,177	23	161	7,218	264	2,402	121,570
9:00pm	72	676	29,250	92	812	35,189	58	569	22,223	22	154	5,436	244	2,211	92,098
10:00pm	66	620	23,832	76	676	26,159	44	433	18,511	16	112	3,600	202	1,841	72,102
11:00pm	44	418	16,227	55	500	19,338	38	372	14,339	10	70	2,166	147	1,360	52,070
TOTAL	1,615	15,142	746,853	2,101	18,846	700,801	1,164	11,497	457,962	510	3,570	116,230	5,390	49,055	2,021,846

SECTION B

SUBWAY BY SECTOR MTA NYC TRANSIT SUMMARY, 2010-INBOUND

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			ALL SECTORS		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	30	284	3,141	34	314	1,984	15	156	873	79	754	5,998
1:00am	21	198	1,215	28	254	877	13	133	852	62	585	2,944
2:00am	23	218	824	28	256	719	12	123	402	63	597	1,945
3:00am	19	178	746	27	246	1,094	12	123	682	58	547	2,522
4:00am	24	228	2,445	27	246	3,478	13	133	2,607	64	607	8,530
5:00am	37	348	11,931	38	342	14,001	21	210	10,323	96	900	36,255
6:00am	69	646	32,429	88	780	39,344	53	522	27,245	210	1,948	99,018
7:00am	94	886	78,669	125	1,110	94,903	76	746	60,113	295	2,742	233,685
8:00am	106	998	112,711	148	1,316	143,962	90	883	86,301	344	3,197	342,974
9:00am	93	872	64,871	123	1,102	84,368	67	654	50,310	283	2,628	199,549
10:00am	81	762	37,743	103	920	43,924	55	533	29,901	239	2,215	111,568
11:00am	80	748	33,095	105	942	33,929	51	491	20,737	236	2,181	87,761
12:00pm	79	738	32,126	103	922	29,194	51	493	17,400	233	2,153	78,720
1:00pm	83	778	33,216	102	912	29,003	50	480	17,200	235	2,170	79,419
2:00pm	85	800	36,997	104	932	30,255	52	501	18,153	241	2,233	85,405
3:00pm	82	770	46,196	109	980	31,692	58	560	20,409	249	2,310	98,297
4:00pm	110	1,036	54,093	133	1,198	33,198	78	759	21,639	321	2,993	108,930
5:00pm	103	960	56,124	132	1,192	35,146	76	751	22,628	311	2,903	113,898
6:00pm	87	810	43,584	120	1,082	25,471	71	696	16,045	278	2,588	85,100
7:00pm	68	630	29,240	108	970	17,579	67	650	9,583	243	2,250	56,402
8:00pm	76	708	22,935	101	900	12,445	61	598	6,982	238	2,206	42,362
9:00pm	67	624	15,650	86	764	9,435	50	484	5,682	203	1,872	30,767
10:00pm	62	580	11,929	74	662	7,255	44	428	4,179	180	1,670	23,363
11:00pm	36	342	7,516	52	476	4,291	25	255	2,558	113	1,073	14,365
TOTAL	1,615	15,142	769,426	2,098	18,818	727,547	1,161	11,362	452,804	4,874	45,322	1,949,777

SECTION B

SUBWAY BY SECTOR
MTA NYC TRANSIT SUMMARY, 2010-OUTBOUND

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			ALL SECTORS		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	30	284	9,512	35	314	10,669	20	206	8,515	85	804	28,696
1:00am	27	254	4,226	30	274	4,906	12	123	2,881	69	651	12,013
2:00am	21	198	2,137	26	238	1,966	12	123	1,343	59	559	5,446
3:00am	23	220	1,363	27	244	1,132	12	123	909	62	587	3,404
4:00am	21	196	1,754	28	258	1,151	12	123	950	61	577	3,855
5:00am	27	258	7,020	36	330	3,072	16	163	2,376	79	751	12,468
6:00am	44	410	18,242	79	712	9,369	45	446	7,778	168	1,568	35,389
7:00am	80	738	45,495	114	1,020	20,755	66	657	14,202	260	2,415	80,452
8:00am	106	978	49,918	135	1,208	24,919	79	786	16,197	320	2,972	91,034
9:00am	103	962	33,464	135	1,212	18,982	75	743	11,071	313	2,917	63,517
10:00am	90	844	26,130	110	990	14,822	57	559	8,785	257	2,393	49,737
11:00am	80	750	25,446	98	876	16,643	53	514	10,359	231	2,140	52,448
12:00pm	87	816	28,999	102	914	21,079	52	508	12,838	241	2,238	62,916
1:00pm	77	718	31,898	105	940	24,232	51	498	15,163	233	2,156	71,293
2:00pm	83	778	37,878	104	934	31,739	52	508	20,117	239	2,220	89,734
3:00pm	83	778	48,286	107	962	45,726	56	551	31,387	246	2,291	125,399
4:00pm	86	806	58,679	129	1,162	65,761	67	658	44,459	282	2,626	168,899
5:00pm	106	1,002	85,495	144	1,286	102,268	85	840	67,271	335	3,128	255,034
6:00pm	100	950	74,636	123	1,102	91,076	75	743	57,668	298	2,795	223,380
7:00pm	82	768	49,625	107	950	62,014	67	662	39,443	256	2,380	151,082
8:00pm	77	720	37,341	104	932	47,834	60	589	29,177	241	2,241	114,352
9:00pm	72	676	29,250	92	812	35,189	58	569	22,223	222	2,057	86,662
10:00pm	66	620	23,832	76	676	26,159	44	433	18,511	186	1,729	68,502
11:00pm	44	418	16,227	55	500	19,338	38	372	14,339	137	1,290	49,904
TOTAL	1,615	15,142	746,853	2,101	18,846	700,801	1,164	11,497	457,962	4,880	45,485	1,905,616

SECTION B

SUBWAY BY LOCATION 60TH STREET SECTOR, 2010-INBOUND

HOURS	LEXINGTON AVE EXPRESS			LEXINGTON AVE LOCAL			8TH AVENUE EXPRESS			8TH AVENUE LOCAL			B'WAY/7TH AVE EXPRESS			B'WAY/7TH AVE LOCAL			TOTAL		
	86 ST. - LEXINGTON AVE			68TH ST./LEXINGTON AVE			125 ST./NICHOLAS ST			72 ST./CENT. PK WEST			72 ND ST./BROADWAY			66TH ST./BROADWAY			60TH STREET SECTOR		
	VIA 4, 5 LINES (Express)			VIA 4*, 6 LINES (Local)			VIA A*, D LINES (Express)			VIA A, B, C LINES (Local)			VIA 2, 3, LINES (Express)			VIA 1, 2 LINES (Local)					
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	40	378	6	60	1,007	4	32	254	4	32	354	6	60	568	6	60	580	30	284	3,141
1:00am	0	0	0	7	70	496	3	24	121	3	24	175	2	20	186	6	60	237	21	198	1,215
2:00am	0	0	0	6	60	322	3	24	122	3	24	117	4	40	111	7	70	152	23	218	824
3:00am	0	0	0	6	60	167	3	24	254	3	24	107	2	20	69	5	50	149	19	178	746
4:00am	0	0	0	7	70	494	3	24	758	3	24	369	4	40	276	7	70	548	24	228	2,445
5:00am	7	70	3,791	5	50	1,592	7	56	2,624	4	32	1,059	8	80	1,002	6	60	1,863	37	348	11,931
6:00am	16	160	11,073	11	110	4,504	13	104	7,414	9	72	1,251	13	130	5,445	7	70	2,742	69	646	32,429
7:00am	23	230	21,763	13	130	12,764	15	120	17,069	12	96	4,333	17	170	14,192	14	140	8,548	94	886	78,669
8:00am	18	180	24,736	19	190	23,100	19	152	20,109	12	96	8,682	20	200	21,305	18	180	14,779	106	998	112,711
9:00am	13	130	13,232	21	210	12,967	15	120	10,772	14	112	5,513	18	180	12,948	12	120	9,439	93	872	64,871
10:00am	15	150	8,316	14	140	7,385	14	112	6,564	10	80	2,842	16	160	7,321	12	120	5,315	81	762	37,743
11:00am	13	130	7,337	15	150	6,922	14	112	5,670	12	96	2,549	14	140	6,217	12	120	4,400	80	748	33,095
12:00pm	15	150	6,746	14	140	6,966	14	112	5,393	12	96	2,593	14	140	5,918	10	100	4,510	79	738	32,126
1:00pm	15	150	7,056	16	160	7,307	14	112	5,375	12	96	2,736	14	140	6,049	12	120	4,693	83	778	33,216
2:00pm	16	160	7,963	16	160	7,889	13	104	6,107	12	96	3,012	15	150	6,478	13	130	5,548	85	800	36,997
3:00pm	22	220	10,548	14	140	10,878	13	104	7,431	12	96	4,201	13	130	7,871	8	80	5,267	82	770	46,196
4:00pm	25	250	11,018	18	180	12,928	18	144	7,617	14	112	5,057	18	180	8,980	17	170	8,493	110	1,036	54,093
5:00pm	20	200	10,705	18	180	14,122	21	168	7,703	14	112	5,817	16	160	9,596	14	140	8,181	103	960	56,124
6:00pm	15	150	7,907	14	140	10,846	17	136	5,567	13	104	4,347	15	150	7,826	13	130	7,091	87	810	43,584
7:00pm	13	130	5,126	12	120	7,304	13	104	3,751	12	96	2,696	9	90	5,740	9	90	4,623	68	630	29,240
8:00pm	12	120	4,430	11	110	5,457	14	112	2,770	12	96	1,604	14	140	3,960	13	130	4,714	76	708	22,935
9:00pm	13	130	2,883	9	90	3,756	12	96	2,251	11	88	1,068	11	110	2,773	11	110	2,919	67	624	15,650
10:00pm	11	110	2,318	11	110	2,714	12	96	1,691	8	64	694	11	110	2,555	9	90	1,957	62	580	11,929
11:00pm	4	40	1,511	7	70	1,784	4	32	930	5	40	489	10	100	1,506	6	60	1,296	36	342	7,516
TOTAL	290	2,900	168,837	290	2,900	163,671	278	2,224	128,317	226	1,808	61,665	284	2,840	138,892	247	2,470	108,044	1,615	15,142	769,426

* Indicates service that changes from express to local during the overnight hours.

SECTION B

SUBWAY BY LOCATION

60TH STREET SECTOR, 2010-OUTBOUND

HOURS	59TH ST./LEXINGTON AVE VIA 4 EXPRESS & LOCAL* & 5 EXPRESS			LEXINGTON AVE LOCAL 59TH ST./LEXINGTON AVE VIA 6 (Local)			8TH AVE EXPR/LOCAL 59TH ST./COLUMBUS CIRCLE VIA A (Exp./Loc), D (Express)			8TH AVENUE LOCAL 59TH ST./COLUMBUS CIRCLE VIA B, C LINES (Local)			TIMES SQUARE EXPRESS VIA 2, 3, LINES			59TH ST./COLUMBUS CIRCLE VIA 2*, 1 LINES - Local			TOTAL 60TH STREET SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	40	2,761	7	70	1,029	8	64	2,745	0	0	0	6	60	935	5	50	2,042	30	284	9,512
1:00am	3	30	1,404	5	50	259	8	64	1,107	0	0	0	3	30	44	8	80	1,412	27	254	4,226
2:00am	3	30	566	4	40	327	6	48	564	0	0	0	3	30	28	5	50	652	21	198	2,137
3:00am	5	50	433	3	30	260	5	40	273	0	0	0	3	30	40	7	70	357	23	220	1,363
4:00am	2	20	384	3	30	400	7	56	451	0	0	0	3	30	114	6	60	405	21	196	1,754
5:00am	7	70	2,099	4	40	1,550	6	48	1,304	0	0	0	3	30	223	7	70	1,844	27	258	7,020
6:00am	8	80	3,598	8	80	5,572	11	88	3,553	4	32	430	8	80	2,565	5	50	2,524	44	410	18,242
7:00am	16	160	11,630	11	110	10,367	16	128	5,442	15	120	3,523	14	140	8,690	8	80	5,843	80	738	45,495
8:00am	19	190	9,752	16	160	14,633	26	208	5,921	15	120	3,941	15	150	8,232	15	150	7,439	106	978	49,918
9:00am	18	180	5,375	19	190	10,438	19	152	3,769	15	120	2,676	15	150	6,140	17	170	5,066	103	962	33,464
10:00am	17	170	4,430	18	180	7,538	15	120	3,430	13	104	2,197	16	160	4,877	11	110	3,658	90	844	26,130
11:00am	13	130	4,242	15	150	7,140	13	104	3,393	12	96	2,295	15	150	4,508	12	120	3,868	80	750	25,446
12:00pm	16	160	5,434	15	150	7,143	15	120	4,788	12	96	2,137	17	170	5,024	12	120	4,473	87	816	28,999
1:00pm	13	130	5,668	14	140	7,950	14	112	5,050	12	96	2,798	13	130	5,703	11	110	4,729	77	718	31,898
2:00pm	14	140	9,054	16	160	7,605	14	112	6,849	12	96	2,296	15	150	6,528	12	120	5,546	83	778	37,878
3:00pm	16	160	11,746	15	150	9,712	14	112	7,952	12	96	4,051	14	140	7,722	12	120	7,103	83	778	48,286
4:00pm	19	190	16,290	15	150	10,342	15	120	10,589	12	96	4,274	15	150	9,189	10	100	7,995	86	806	58,679
5:00pm	24	240	21,936	18	180	16,136	17	136	14,699	12	96	6,742	19	190	14,043	16	160	11,939	106	1,002	85,495
6:00pm	25	250	16,709	19	190	14,786	13	104	12,719	12	96	6,171	18	180	13,872	13	130	10,379	100	950	74,636
7:00pm	15	150	12,008	11	110	8,783	14	112	8,585	12	96	4,123	19	190	9,007	11	110	7,119	82	768	49,625
8:00pm	16	160	7,668	12	120	7,533	13	104	7,256	12	96	2,724	11	110	6,670	13	130	5,490	77	720	37,341
9:00pm	14	140	5,597	11	110	5,589	11	88	6,033	11	88	2,161	11	110	5,543	14	140	4,327	72	676	29,250
10:00pm	12	120	4,824	9	90	3,914	11	88	5,018	9	72	1,615	13	130	5,302	12	120	3,159	66	620	23,832
11:00pm	7	70	4,144	7	70	2,332	10	80	4,545	1	8	79	11	110	2,527	8	80	2,600	44	418	16,227
TOTAL	306	3,060	167,752	275	2,750	161,338	301	2,408	126,035	203	1,624	54,233	280	2,800	127,526	250	2,500	109,969	1,615	15,142	746,853

* Indicates service that changes from express to local during the overnight hours.

SECTION B

SUBWAY BY LOCATION BROOKLYN SECTOR, 2010-INBOUND

HOURS	14TH STREET TUNNEL BEDFORD AVENUE			WILLIAMSBURG BRIDGE MARCY AVENUE			RUTGERS ST. TUNNEL YORK AVENUE			MANHATTAN BRIDGE VIA DEKALB AVENUE			MANHATTAN BRIDGE VIA PACIFIC STREET		
	L LINE			J, Z, M LINES			F LINE			B,D,N,Q LINES			D, N LINES		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	40	490	2	16	184	5	50	208	7	62	218	0	0	0
1:00am	4	32	237	3	24	102	3	30	75	6	54	85	0	0	0
2:00am	3	24	143	3	24	67	3	30	64	6	54	108	0	0	0
3:00am	3	24	141	3	24	118	3	30	87	6	54	182	0	0	0
4:00am	3	24	384	3	24	428	3	30	223	6	54	704	0	0	0
5:00am	6	48	1,664	6	48	1,505	4	40	968	8	74	2,648	0	0	0
6:00am	10	80	4,615	10	80	3,982	6	60	2,827	13	116	5,848	9	82	3,132
7:00am	14	112	11,172	14	112	9,565	11	110	7,586	16	144	12,569	17	152	13,242
8:00am	16	128	17,569	17	136	12,407	14	140	12,259	19	172	19,607	18	162	20,560
9:00am	13	104	12,013	12	96	6,780	11	110	7,331	14	126	11,183	14	126	12,022
10:00am	11	88	5,803	12	96	3,986	8	80	3,650	12	108	5,901	12	108	6,706
11:00am	10	80	4,343	12	96	3,174	8	80	2,841	11	98	4,495	12	108	4,786
12:00pm	10	80	3,673	12	96	2,654	8	80	2,598	12	108	3,780	12	108	4,035
1:00pm	10	80	3,756	12	96	2,613	8	80	2,467	12	108	3,783	12	108	3,723
2:00pm	10	80	3,881	12	96	2,649	10	100	2,567	12	108	3,992	12	108	3,980
3:00pm	10	80	3,991	12	96	2,879	9	90	2,869	12	108	4,003	12	108	4,009
4:00pm	11	88	4,057	15	120	2,791	15	150	3,090	14	126	4,016	15	134	3,982
5:00pm	16	128	3,954	16	128	2,588	13	130	3,630	11	100	4,250	12	110	4,248
6:00pm	13	104	3,260	13	104	1,866	12	120	2,908	12	108	3,050	10	88	2,887
7:00pm	12	96	2,448	11	88	1,355	11	110	1,951	12	108	1,966	12	108	2,086
8:00pm	12	96	1,697	11	88	905	10	100	1,345	12	108	1,385	12	108	1,313
9:00pm	10	80	1,265	11	88	750	8	80	869	11	98	1,135	9	82	743
10:00pm	8	64	1,061	9	72	618	6	60	703	16	150	1,057	2	16	93
11:00pm	5	40	788	7	56	388	6	60	457	11	100	488	0	0	0
TOTAL	225	1,800	92,405	238	1,904	64,354	195	1,950	63,573	271	2,446	96,453	202	1,816	91,547

SECTION B

SUBWAY BY LOCATION
BROOKLYN SECTOR, 2010-INBOUND (CONT'D)

HOURS	CRANBERRY ST. TUNNEL			CLARK ST. TUNNEL			MONTAGUE ST. TUNNEL			JORALEMON ST. TUNNEL			TOTAL		
	VIA HIGH STREET A, C LINES			VIA CLARK STREET 2,3 LINES			VIA COURT STREET N, R LINES			VIA BOROUGH HALL 4, 5 LINES			BROOKLYN SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	2	16	316	5	50	223	4	40	126	4	40	219	34	314	1,984
1:00am	3	24	145	3	30	73	3	30	55	3	30	105	28	254	877
2:00am	3	24	143	3	30	75	3	30	49	4	40	70	28	256	719
3:00am	3	24	220	3	30	124	3	30	78	3	30	144	27	246	1,094
4:00am	3	24	605	3	30	287	3	30	265	3	30	582	27	246	3,478
5:00am	3	24	2,524	3	30	1,199	3	28	1,517	5	50	1,976	38	342	14,001
6:00am	13	104	7,062	10	100	3,343	6	48	2,752	11	110	5,783	88	780	39,344
7:00am	17	136	15,471	14	140	8,669	8	64	3,852	14	140	12,777	125	1,110	94,903
8:00am	22	176	21,619	18	180	13,405	9	72	7,173	15	150	19,363	148	1,316	143,962
9:00am	18	144	12,654	13	130	8,060	7	56	3,667	21	210	10,658	123	1,102	84,368
10:00am	14	112	6,682	16	160	3,887	6	48	1,622	12	120	5,687	103	920	43,924
11:00am	14	112	5,383	16	160	3,209	6	48	1,229	16	160	4,469	105	942	33,929
12:00pm	14	112	4,636	15	150	2,877	6	48	1,001	14	140	3,940	103	922	29,194
1:00pm	14	112	4,668	14	140	2,928	6	48	998	14	140	4,067	102	912	29,003
2:00pm	14	112	4,876	14	140	3,078	6	48	1,062	14	140	4,170	104	932	30,255
3:00pm	14	112	5,213	15	150	3,179	7	56	1,106	18	180	4,443	109	980	31,692
4:00pm	16	128	5,682	18	180	3,623	9	72	1,218	20	200	4,739	133	1,198	33,198
5:00pm	14	112	6,218	18	180	4,028	8	64	1,185	24	240	5,045	132	1,192	35,146
6:00pm	14	112	4,442	19	190	2,839	7	56	808	20	200	3,411	120	1,082	25,471
7:00pm	13	104	2,928	15	150	1,868	7	56	508	15	150	2,469	108	970	17,579
8:00pm	14	112	2,188	11	110	1,327	6	48	368	13	130	1,917	101	900	12,445
9:00pm	11	88	1,676	13	130	1,132	6	48	446	7	70	1,419	86	764	9,435
10:00pm	10	80	1,302	12	120	898	5	40	434	6	60	1,089	74	662	7,255
11:00pm	5	40	731	9	90	487	4	40	261	5	50	691	52	476	4,291
TOTAL	268	2,144	117,384	280	2,800	70,818	138	1,148	31,780	281	2,810	99,233	2,098	18,818	727,547

SECTION B

SUBWAY BY LOCATION BROOKLYN SECTOR, 2010-OUTBOUND

HOURS	14TH STREET TUNNEL			WILLIAMSBURG BRIDGE			RUTGERS ST. TUNNEL			MANHATTAN BRIDGE			CRANBERRY ST. TUNNEL		
	VIA FIRST AVENUE			VIA ESSEX STREET			VIA EAST BROADWAY			VIA CANAL STREET			VIA BROADWAY/NASSAU		
	L LINE			J, Z, M LINES			F LINE			N, Q LINES			A, C LINES		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	6	48	2,308	3	24	1,059	3	30	455	4	40	823	5	40	1,640
1:00am	4	32	1,155	3	24	402	3	30	781	3	30	278	3	24	635
2:00am	3	24	386	3	24	257	3	30	195	3	30	135	3	24	359
3:00am	3	24	216	3	24	118	3	30	113	3	30	77	3	24	177
4:00am	2	16	117	3	24	90	4	40	142	3	30	83	3	24	231
5:00am	5	40	565	3	24	231	3	30	277	5	50	283	4	32	476
6:00am	8	64	1,296	8	64	606	6	60	846	10	100	1,129	10	80	1,603
7:00am	13	104	2,271	12	96	1,425	11	110	1,881	12	120	2,560	13	104	3,630
8:00am	13	104	2,237	20	160	1,634	14	140	2,282	14	140	2,820	15	120	4,410
9:00am	15	120	1,867	15	120	1,301	13	130	1,769	15	150	2,140	17	136	3,624
10:00am	11	88	1,736	12	96	1,162	11	110	1,304	12	120	1,861	14	112	2,584
11:00am	9	72	2,133	12	96	1,446	8	80	1,424	12	120	2,300	14	112	2,869
12:00pm	10	80	2,837	11	88	1,835	8	80	1,786	11	110	2,851	14	112	3,483
1:00pm	10	80	3,298	13	104	2,172	8	80	2,217	11	110	3,291	14	112	3,886
2:00pm	10	80	4,617	12	96	2,911	8	80	2,856	13	130	4,422	14	112	5,183
3:00pm	10	80	6,480	13	104	4,234	8	80	4,081	12	120	6,418	14	112	7,461
4:00pm	11	88	9,113	14	112	5,368	12	120	5,495	14	140	9,330	17	136	10,451
5:00pm	15	120	13,684	17	136	7,631	11	110	9,263	18	180	14,607	17	136	15,307
6:00pm	14	112	13,905	12	96	6,320	12	120	8,706	14	140	13,792	16	128	12,898
7:00pm	12	96	10,077	14	112	4,546	12	120	5,968	13	130	9,592	14	112	9,102
8:00pm	12	96	7,812	11	88	3,461	11	110	4,399	12	120	7,313	13	104	6,840
9:00pm	11	88	6,159	12	96	2,656	9	90	3,420	12	120	5,689	13	104	5,092
10:00pm	9	72	4,749	10	80	2,109	6	60	2,511	11	110	4,355	10	80	3,752
11:00pm	6	48	3,723	6	48	1,541	7	70	1,770	7	70	1,698	5	40	2,685
TOTAL	222	1,776	102,741	242	1,936	54,515	194	1,940	63,941	244	2,440	97,847	265	2,120	108,378

SECTION B

SUBWAY BY LOCATION
BROOKLYN SECTOR, 2010-OUTBOUND (CONT'D)

HOURS	CLARK ST. TUNNEL VIA WALL STREET			MONTAGUE ST. TUNNEL VIA WHITEHALL STREET			JORALEMON ST. TUNNEL VIA BOWLING GREEN			MANHATTAN BRIDGE VIA GRAND STREET			TOTAL BROOKLYN SECTOR		
	2, 3 LINES			N*, R LINES			4, 5 LINES			B, D LINES					
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	40	943	3	30	866	3	30	934	4	32	1,641	35	314	10,669
1:00am	4	40	373	3	30	326	4	40	398	3	24	558	30	274	4,906
2:00am	3	30	121	3	30	144	3	30	153	2	16	216	26	238	1,966
3:00am	3	30	72	3	30	79	2	20	69	4	32	211	27	244	1,132
4:00am	3	30	102	3	30	77	4	40	139	3	24	170	28	258	1,151
5:00am	5	50	277	3	30	204	5	50	332	3	24	427	36	330	3,072
6:00am	12	120	948	5	40	493	12	120	1,250	8	64	1,198	79	712	9,369
7:00am	15	150	2,335	9	72	1,239	16	160	2,808	13	104	2,606	114	1,020	20,755
8:00am	17	170	3,371	8	64	1,490	19	190	3,955	15	120	2,720	135	1,208	24,919
9:00am	21	210	2,535	8	64	992	17	170	2,981	14	112	1,773	135	1,212	18,982
10:00am	17	170	1,848	7	56	672	15	150	2,112	11	88	1,543	110	990	14,822
11:00am	13	130	1,554	6	48	775	13	130	2,191	11	88	1,951	98	876	16,643
12:00pm	15	150	2,559	6	48	961	15	150	2,536	12	96	2,231	102	914	21,079
1:00pm	15	150	2,560	6	48	992	16	160	2,945	12	96	2,871	105	940	24,232
2:00pm	14	140	3,158	6	48	1,239	16	160	3,554	11	88	3,799	104	934	31,739
3:00pm	15	150	4,465	6	48	2,032	18	180	5,441	11	88	5,114	107	962	45,726
4:00pm	16	160	6,577	8	64	3,279	23	230	8,494	14	112	7,654	129	1,162	65,761
5:00pm	16	160	10,001	10	80	5,421	22	220	13,302	18	144	13,052	144	1,286	102,268
6:00pm	16	160	8,354	8	64	3,854	17	170	10,856	14	112	12,391	123	1,102	91,076
7:00pm	8	80	4,786	7	56	2,277	14	140	7,615	13	104	8,051	107	950	62,014
8:00pm	14	140	5,751	6	48	1,556	13	130	5,076	12	96	5,626	104	932	47,834
9:00pm	11	110	3,349	6	48	1,117	6	60	3,632	12	96	4,075	92	812	35,189
10:00pm	10	100	2,503	4	32	586	7	70	2,570	9	72	3,024	76	676	26,159
11:00pm	8	80	1,629	6	54	1,365	5	50	2,211	5	40	2,716	55	500	19,338
TOTAL	275	2,750	70,171	140	1,162	32,036	285	2,850	85,554	234	1,872	85,618	2,101	18,846	700,801

* N-line makes local stops at Court St from 2307 - 0538 hours via Montague St. tunnel.

** W-line makes local stops at Whitehall St. from 2057 - 2117 hours via the Montague St. tunnel.

SECTION B

SUBWAY BY LOCATION QUEENS SECTOR, 2010-INBOUND

HOURS	60TH STREET TUNNEL			53RD STREET TUNNEL			STEINWAY ST. TUNNEL			63RD STREET TUNNEL			TOTAL		
	VIA QUEENSBORO PLAZA & N, Q, R LINES			VIA 23RD STREET/ELY AVE E, M LINES			VIA VERNON AVE/JACKSON 7 LINE			VIA 63RD ST/LEXINGTON AVE F LINE			QUEENS SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	3	30	157	3	30	176	6	66	310	3	30	230	15	156	873
1:00am	4	40	321	3	30	320	3	33	127	3	30	84	13	133	852
2:00am	3	30	114	3	30	127	3	33	90	3	30	71	12	123	402
3:00am	3	30	215	3	30	180	3	33	164	3	30	123	12	123	682
4:00am	3	30	804	3	30	644	3	33	690	4	40	469	13	133	2,607
5:00am	6	56	2,684	5	48	3,520	6	66	2,294	4	40	1,825	21	210	10,323
6:00am	16	145	7,358	13	120	9,516	17	187	5,691	7	70	4,680	53	522	27,245
7:00am	21	187	16,444	20	186	20,009	23	253	12,720	12	120	10,940	76	746	60,113
8:00am	23	205	24,341	24	220	26,601	28	308	19,159	15	150	16,200	90	883	86,301
9:00am	20	179	14,488	18	168	14,744	17	187	11,451	12	120	9,627	67	654	50,310
10:00am	18	162	8,830	15	138	9,232	13	143	6,225	9	90	5,614	55	533	29,901
11:00am	18	162	6,403	14	128	6,381	11	121	4,019	8	80	3,934	51	491	20,737
12:00pm	17	153	5,269	14	128	5,565	12	132	3,188	8	80	3,378	51	493	17,400
1:00pm	18	162	5,156	14	128	5,402	10	110	3,374	8	80	3,268	50	480	17,200
2:00pm	18	162	5,530	15	138	5,587	11	121	3,652	8	80	3,384	52	501	18,153
3:00pm	19	170	6,264	18	168	6,111	12	132	4,271	9	90	3,763	58	560	20,409
4:00pm	24	213	6,063	22	206	6,760	20	220	4,778	12	120	4,038	78	759	21,639
5:00pm	21	188	6,254	18	168	7,393	25	275	4,697	12	120	4,284	76	751	22,628
6:00pm	20	179	4,507	18	166	5,271	21	231	3,237	12	120	3,030	71	696	16,045
7:00pm	19	168	2,703	18	166	3,080	16	176	1,891	14	140	1,909	67	650	9,583
8:00pm	19	172	2,107	16	148	2,031	18	198	1,319	8	80	1,525	61	598	6,982
9:00pm	17	154	1,578	13	118	1,777	12	132	1,118	8	80	1,209	50	484	5,682
10:00pm	15	137	1,154	11	100	1,270	11	121	876	7	70	879	44	428	4,179
11:00pm	5	49	635	7	68	729	8	88	608	5	50	586	25	255	2,558
TOTAL	350	3,163	129,379	308	2,860	142,426	309	3,399	95,949	194	1,940	85,050	1,161	11,362	452,804

SECTION B

**SUBWAY BY LOCATION
QUEENS SECTOR, 2010-OUTBOUND**

HOURS	60TH STREET TUNNEL			53RD STREET TUNNEL			STEINWAY ST. TUNNEL			63RD STREET TUNNEL			TOTAL		
	VIA LEXINGTON AVE			VIA LEXINGTON AVE			VIA GRAND CENTRAL			VIA 57TH ST/6TH AVE			QUEENS SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	40	2,633	5	50	2,116	6	66	2,185	5	50	1,581	20	206	8,515
1:00am	3	30	956	3	30	600	3	33	787	3	30	538	12	123	2,881
2:00am	3	30	291	3	30	438	3	33	364	3	30	250	12	123	1,343
3:00am	3	30	391	3	30	152	3	33	227	3	30	139	12	123	909
4:00am	3	30	320	3	30	165	3	33	319	3	30	146	12	123	950
5:00am	3	30	699	5	48	481	5	55	702	3	30	494	16	163	2,376
6:00am	14	132	1,970	11	100	2,490	14	154	2,039	6	60	1,279	45	446	7,778
7:00am	20	186	3,450	14	128	4,208	23	253	3,907	9	90	2,637	66	657	14,202
8:00am	23	214	3,752	18	168	4,873	24	264	4,353	14	140	3,219	79	786	16,197
9:00am	20	182	2,714	20	188	3,449	23	253	2,665	12	120	2,243	75	743	11,071
10:00am	18	168	2,351	17	158	2,584	13	143	2,080	9	90	1,770	57	559	8,785
11:00am	18	168	2,875	17	156	3,119	10	110	2,288	8	80	2,077	53	514	10,359
12:00pm	18	168	3,679	14	128	3,878	12	132	2,806	8	80	2,475	52	508	12,838
1:00pm	17	158	4,468	14	128	4,475	12	132	3,306	8	80	2,914	51	498	15,163
2:00pm	18	168	5,841	14	128	5,995	12	132	4,398	8	80	3,883	52	508	20,117
3:00pm	18	168	8,966	15	140	9,581	13	143	7,032	10	100	5,808	56	551	31,387
4:00pm	21	196	12,478	18	166	13,532	16	176	9,998	12	120	8,451	67	658	44,459
5:00pm	22	202	19,453	24	224	20,194	24	264	15,238	15	150	12,386	85	840	67,271
6:00pm	21	194	17,589	19	176	16,303	23	253	12,755	12	120	11,021	75	743	57,668
7:00pm	19	176	12,663	18	168	10,822	18	198	8,707	12	120	7,251	67	662	39,443
8:00pm	19	176	9,546	16	148	7,806	15	165	6,358	10	100	5,467	60	589	29,177
9:00pm	18	168	7,304	16	146	5,760	15	165	5,017	9	90	4,142	58	569	22,223
10:00pm	15	140	6,222	11	102	4,804	11	121	4,218	7	70	3,267	44	433	18,511
11:00pm	11	102	4,704	11	100	3,723	10	110	3,318	6	60	2,594	38	372	14,339
TOTAL	349	3,256	135,315	309	2,870	131,548	311	3,421	105,067	195	1,950	86,032	1,164	11,497	457,962

SECTION B
SUBWAY BY LINE
NEW JERSEY SECTOR, 2010-INBOUND

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	2	14	112	3	21	149	5	35	261
1:00am	1	7	45	2	14	58	3	21	103
2:00am	2	14	40	2	14	39	4	28	79
3:00am	2	14	58	1	7	47	3	21	105
4:00am	2	14	199	2	14	158	4	28	357
5:00am	1	7	1,034	2	14	811	3	21	1,845
6:00am	11	77	3,129	9	63	3,348	20	140	6,477
7:00am	20	140	7,746	16	112	9,518	36	252	17,264
8:00am	25	175	11,660	24	168	15,414	49	343	27,074
9:00am	21	147	4,909	20	140	6,389	41	287	11,298
10:00am	10	70	2,064	12	84	2,371	22	154	4,435
11:00am	9	63	1,586	12	84	1,833	21	147	3,419
12:00pm	9	63	1,470	12	84	1,642	21	147	3,112
1:00pm	9	63	1,370	12	84	1,476	21	147	2,846
2:00pm	13	91	1,445	12	84	1,525	25	175	2,970
3:00pm	7	49	1,603	12	84	1,634	19	133	3,237
4:00pm	20	140	2,835	13	91	2,694	33	231	5,529
5:00pm	25	175	5,020	22	154	4,445	47	329	9,465
6:00pm	20	140	3,671	22	154	3,360	42	294	7,031
7:00pm	12	84	1,811	12	84	1,748	24	168	3,559
8:00pm	11	77	1,053	12	84	1,122	23	161	2,175
9:00pm	10	70	755	10	70	792	20	140	1,547
10:00pm	8	56	525	8	56	584	16	112	1,109
11:00pm	7	49	306	7	49	331	14	98	637
TOTAL	257	1,799	54,446	259	1,813	61,488	516	3,612	115,934

NEW JERSEY SECTOR, 2010-OUTBOUND

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	1	7	347	4	28	768	5	35	1,115
1:00am	2	14	107	2	14	328	4	28	435
2:00am	2	14	56	1	7	211	3	21	267
3:00am	1	7	51	2	14	131	3	21	182
4:00am	2	14	80	2	14	134	4	28	214
5:00am	3	21	204	1	7	198	4	28	402
6:00am	12	84	790	9	63	856	21	147	1,646
7:00am	20	140	2,072	18	126	2,244	38	266	4,316
8:00am	23	161	3,841	23	161	3,725	46	322	7,566
9:00am	16	112	1,849	19	133	1,640	35	245	3,489
10:00am	10	70	703	12	84	956	22	154	1,659
11:00am	9	63	569	12	84	927	21	147	1,496
12:00pm	9	63	844	12	84	1,134	21	147	1,978
1:00pm	9	63	907	12	84	1,333	21	147	2,240
2:00pm	9	63	1,223	12	84	1,763	21	147	2,986
3:00pm	11	77	2,300	12	84	2,636	23	161	4,936
4:00pm	20	140	5,464	15	105	4,395	35	245	9,859
5:00pm	25	175	11,372	22	154	10,830	47	329	22,202
6:00pm	20	140	8,574	21	147	11,204	41	287	19,778
7:00pm	12	84	4,281	12	84	6,763	24	168	11,044
8:00pm	11	77	2,693	12	84	4,525	23	161	7,218
9:00pm	11	77	1,712	11	77	3,724	22	154	5,436
10:00pm	8	56	1,030	8	56	2,570	16	112	3,600
11:00pm	5	35	616	5	35	1,550	10	70	2,166
TOTAL	251	1,757	51,685	259	1,813	64,545	510	3,570	116,230

SECTION C

SUBURBAN AND INTERCITY RAIL, TRANSIT BY SECTOR
SUMMARY, 2010-INBOUND

HOURS	60TH STREET SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			ALL SECTORS		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	31	141	5	54	200	6	50	538	16	135	879
1:00am	5	36	80	4	46	120	3	23	201	12	105	401
2:00am	0	0	0	6	55	183	2	17	39	8	72	222
3:00am	0	0	0	1	10	30	0	0	0	1	10	30
4:00am	0	0	0	4	42	350	0	0	0	4	42	350
5:00am	6	45	1,032	3	34	1,490	6	51	747	15	130	3,269
6:00am	18	114	5,678	15	152	10,660	12	101	4,379	45	367	20,717
7:00am	37	258	18,418	29	286	23,680	21	177	14,424	87	721	56,522
8:00am	50	363	30,698	37	388	33,841	25	227	18,131	112	978	82,670
9:00am	32	205	15,378	20	186	13,691	18	141	10,579	70	532	39,648
10:00am	15	101	5,292	10	94	5,028	11	82	3,542	36	277	13,862
11:00am	13	90	3,860	7	70	3,050	10	79	3,370	30	239	10,280
12:00pm	9	61	2,554	9	88	2,966	9	69	2,229	27	218	7,749
1:00pm	9	56	1,960	8	82	2,288	7	53	2,040	24	191	6,288
2:00pm	9	57	1,834	7	68	1,919	9	68	2,095	25	193	5,848
3:00pm	9	58	1,801	9	86	2,142	7	52	1,667	25	196	5,610
4:00pm	11	76	2,140	9	90	2,325	9	65	2,682	29	231	7,147
5:00pm	15	107	3,084	8	88	2,460	12	104	4,154	35	299	9,698
6:00pm	16	108	3,723	12	111	3,248	11	90	3,312	39	309	10,283
7:00pm	13	85	2,420	10	102	1,823	13	102	3,862	36	289	8,105
8:00pm	9	53	980	8	80	1,009	10	82	1,942	27	215	3,931
9:00pm	9	62	804	8	81	883	10	77	1,292	27	220	2,979
10:00pm	7	48	601	8	92	770	10	91	1,238	25	231	2,609
11:00pm	4	23	232	6	62	410	3	23	427	13	108	1,069
TOTAL	301	2,037	102,710	243	2,447	114,566	224	1,824	82,890	768	6,308	300,166

SUMMARY, 2010-OUTBOUND

HOURS	60TH STREET SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			ALL SECTORS		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	6	39	909	5	54	900	3	26	433	14	119	2,242
1:00am	9	57	573	4	44	510	3	25	410	16	126	1,493
2:00am	0	0	0	2	17	151	0	0	0	2	17	151
3:00am	0	0	0	4	42	180	1	5	96	5	47	276
4:00am	0	0	0	1	12	80	4	34	207	5	46	287
5:00am	5	34	292	4	44	280	5	40	752	14	118	1,324
6:00am	11	72	1,232	6	59	772	14	106	1,453	31	237	3,457
7:00am	16	100	2,701	7	70	1,450	14	105	2,802	37	275	6,953
8:00am	11	82	2,186	10	96	1,839	10	84	2,312	31	262	6,337
9:00am	8	55	1,166	7	72	920	10	85	2,128	25	212	4,214
10:00am	9	56	1,151	8	78	1,066	8	62	1,406	25	196	3,623
11:00am	9	58	1,167	9	89	1,427	7	54	1,426	25	201	4,020
12:00pm	8	58	1,376	8	72	1,788	9	68	1,793	25	198	4,957
1:00pm	11	73	2,147	8	84	2,457	6	49	1,922	25	206	6,526
2:00pm	12	81	2,812	9	95	4,360	10	72	2,859	31	248	10,031
3:00pm	18	121	4,818	13	130	7,444	13	104	4,794	44	355	17,056
4:00pm	25	159	8,959	21	214	12,959	13	97	8,713	59	470	30,631
5:00pm	45	310	24,160	35	370	28,104	16	128	16,605	96	808	68,869
6:00pm	34	240	19,686	23	236	19,377	15	119	14,086	72	595	53,149
7:00pm	23	158	11,182	15	149	10,738	9	69	6,105	47	376	28,025
8:00pm	12	83	5,248	7	78	5,490	14	109	5,893	33	270	16,631
9:00pm	10	67	4,254	8	76	4,320	8	65	3,372	26	208	11,946
10:00pm	9	59	2,760	10	100	3,500	10	77	2,947	29	236	9,207
11:00pm	8	53	2,072	8	88	1,750	7	56	1,426	23	197	5,248
TOTAL	299	2,015	100,851	232	2,369	111,862	209	1,639	83,940	740	6,023	296,653

SECTION C

SUBURBAN AND INTERCITY RAIL TRANSIT BY LINE
60TH STREET SECTOR, 2010-INBOUND

HOURS	MTA METRO-NORTH RAILROAD									AMTRAK			TOTAL		
	HUDSON LINE			HARLEM LINE			NEW HAVEN LINE			EMPIRE SERVICE			TRAINS	CARS	PSGRS
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	1	6	39	3	18	67	1	7	35	0	0	0	5	31	141
1:00am	2	14	24	1	8	10	2	14	46	0	0	0	5	36	80
2:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00am	2	13	286	2	18	331	2	14	415	0	0	0	6	45	1,032
6:00am	6	38	1,439	6	42	1,644	6	34	2,595	0	0	0	18	114	5,678
7:00am	9	57	3,782	13	99	6,539	14	97	8,021	1	5	76	37	258	18,418
8:00am	14	95	7,449	16	126	10,372	19	137	12,671	1	5	206	50	363	30,698
9:00am	7	44	2,903	11	79	5,889	13	77	6,439	1	5	147	32	205	15,378
10:00am	4	27	928	4	30	1,877	6	39	2,287	1	5	200	15	101	5,292
11:00am	3	23	587	3	22	1,070	7	45	2,203	0	0	0	13	90	3,860
12:00pm	2	15	503	3	22	831	3	19	1,016	1	5	204	9	61	2,554
1:00pm	2	13	401	3	20	616	3	18	828	1	5	115	9	56	1,960
2:00pm	2	13	397	3	20	630	3	19	736	1	5	71	9	57	1,834
3:00pm	2	13	334	3	22	604	3	18	695	1	5	168	9	58	1,801
4:00pm	2	15	350	4	30	837	5	31	953	0	0	0	11	76	2,140
5:00pm	3	21	541	5	36	1,008	6	45	1,464	1	5	71	15	107	3,084
6:00pm	4	26	507	4	30	1,080	6	38	1,909	2	14	227	16	108	3,723
7:00pm	2	13	208	6	42	870	5	30	1,342	0	0	0	13	85	2,420
8:00pm	2	13	128	3	20	242	3	15	463	1	5	147	9	53	980
9:00pm	2	13	94	3	22	221	3	22	327	1	5	162	9	62	804
10:00pm	2	13	135	2	16	176	3	19	290	0	0	0	7	48	601
11:00pm	1	6	25	1	6	63	2	11	144	0	0	0	4	23	232
TOTAL	74	491	21,060	99	728	34,977	115	749	44,879	13	69	1,794	301	2,037	102,710

60TH STREET SECTOR, 2010-OUTBOUND

HOURS	MTA METRO-NORTH RAILROAD									AMTRAK			TOTAL		
	HUDSON LINE			HARLEM LINE			NEW HAVEN LINE			EMPIRE SERVICE			TRAINS	CARS	PSGRS
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	2	13	268	2	14	319	2	12	322	0	0	0	6	39	909
1:00am	2	12	135	3	20	189	4	25	249	0	0	0	9	57	573
2:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00am	1	6	20	1	8	25	3	20	247	0	0	0	5	34	292
6:00am	3	19	138	5	36	298	3	17	796	0	0	0	11	72	1,232
7:00am	4	26	268	6	43	1,032	5	26	1,245	1	5	156	16	100	2,701
8:00am	2	13	200	4	32	712	4	32	1,135	1	5	139	11	82	2,186
9:00am	2	13	191	3	20	419	3	22	556	0	0	0	8	55	1,166
10:00am	2	13	171	3	20	329	3	18	478	1	5	173	9	56	1,151
11:00am	2	13	207	3	20	413	3	20	480	1	5	67	9	58	1,167
12:00pm	2	15	277	3	24	505	3	19	594	0	0	0	8	58	1,376
1:00pm	3	21	408	3	20	678	4	27	922	1	5	139	11	73	2,147
2:00pm	3	19	594	4	30	914	4	27	1,183	1	5	121	12	81	2,812
3:00pm	3	21	820	7	49	1,615	6	37	2,077	2	14	306	18	121	4,818
4:00pm	7	44	2,413	9	62	3,127	8	48	3,185	1	5	234	25	159	8,959
5:00pm	12	81	5,776	12	101	7,413	20	123	10,834	1	5	137	45	310	24,160
6:00pm	9	58	4,335	12	89	6,860	13	93	8,491	0	0	0	34	240	19,686
7:00pm	6	38	2,071	8	66	4,511	8	49	4,480	1	5	120	23	158	11,182
8:00pm	3	19	885	3	22	1,520	5	37	2,776	1	5	67	12	83	5,248
9:00pm	2	15	649	4	24	1,500	4	28	2,105	0	0	0	10	67	4,254
10:00pm	2	15	668	3	20	830	3	19	1,232	1	5	30	9	59	2,760
11:00pm	2	13	513	3	22	761	3	18	798	0	0	0	8	53	2,072
TOTAL	74	487	21,007	101	742	33,970	111	717	44,185	13	69	1,689	299	2,015	100,851

SECTION C

SUBURBAN AND INTERCITY RAIL,TRANSIT BY LINE QUEENS SECTOR, 2010-INBOUND

HOURS	MTA LIRR			AMTRAK N.E. CORRIDOR			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	54	200	0	0	0	5	54	200
1:00am	4	46	120	0	0	0	4	46	120
2:00am	5	50	110	1	5	73	6	55	183
3:00am	1	10	30	0	0	0	1	10	30
4:00am	4	42	350	0	0	0	4	42	350
5:00am	3	34	1,490	0	0	0	3	34	1,490
6:00am	15	152	10,660	0	0	0	15	152	10,660
7:00am	29	286	23,680	0	0	0	29	286	23,680
8:00am	36	382	33,680	1	6	161	37	388	33,841
9:00am	18	172	13,310	2	14	381	20	186	13,691
10:00am	8	80	4,490	2	14	538	10	94	5,028
11:00am	7	70	3,050	0	0	0	7	70	3,050
12:00pm	7	74	2,470	2	14	496	9	88	2,966
1:00pm	7	74	2,040	1	8	248	8	82	2,288
2:00pm	6	62	1,760	1	6	159	7	68	1,919
3:00pm	7	72	1,760	2	14	382	9	86	2,142
4:00pm	8	84	2,140	1	6	185	9	90	2,325
5:00pm	8	88	2,460	0	0	0	8	88	2,460
6:00pm	9	92	2,670	3	19	578	12	111	3,248
7:00pm	9	96	1,690	1	6	133	10	102	1,823
8:00pm	7	74	840	1	6	169	8	80	1,009
9:00pm	7	74	760	1	7	123	8	81	883
10:00pm	8	92	770	0	0	0	8	92	770
11:00pm	6	62	410	0	0	0	6	62	410
TOTAL	224	2,322	110,940	19	125	3,626	243	2,447	114,566

QUEENS SECTOR, 2010-OUTBOUND

HOURS	MTA LIRR			AMTRAK N.E. CORRIDOR			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	54	900	0	0	0	5	54	900
1:00am	4	44	510	0	0	0	4	44	510
2:00am	1	12	60	1	5	91	2	17	151
3:00am	4	42	180	0	0	0	4	42	180
4:00am	1	12	80	0	0	0	1	12	80
5:00am	4	44	280	0	0	0	4	44	280
6:00am	5	52	630	1	7	142	6	59	772
7:00am	7	70	1,450	0	0	0	7	70	1,450
8:00am	8	82	1,470	2	14	369	10	96	1,839
9:00am	7	72	920	0	0	0	7	72	920
10:00am	7	72	890	1	6	176	8	78	1,066
11:00am	7	76	1,170	2	13	257	9	89	1,427
12:00pm	6	58	1,490	2	14	298	8	72	1,788
1:00pm	7	78	2,270	1	6	187	8	84	2,457
2:00pm	8	88	4,150	1	7	210	9	95	4,360
3:00pm	11	116	6,880	2	14	564	13	130	7,444
4:00pm	20	208	12,730	1	6	229	21	214	12,959
5:00pm	33	356	27,670	2	14	434	35	370	28,104
6:00pm	21	222	19,070	2	14	307	23	236	19,377
7:00pm	13	136	10,370	2	13	368	15	149	10,738
8:00pm	7	78	5,490	0	0	0	7	78	5,490
9:00pm	8	76	4,320	0	0	0	8	76	4,320
10:00pm	10	100	3,500	0	0	0	10	100	3,500
11:00pm	8	88	1,750	0	0	0	8	88	1,750
TOTAL	212	2,236	108,230	20	133	3,632	232	2,369	111,862

SECTION C

SUBURBAN AND INTERCITY RAIL, TRANSIT BY LINE
NEW JERSEY SECTOR, 2010-INBOUND

HOURS	NJ TRANSIT						AMTRAK			TOTAL		
	NEC / NJCL			MIDTOWN DIRECT			N.E. CORRIDOR			TRAINS	CARS	PSGRS
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS			
12:00am	3	26	377	2	17	44	1	7	117	6	50	538
1:00am	2	18	94	0	0	0	1	5	107	3	23	201
2:00am	2	17	39	0	0	0	0	0	0	2	17	39
3:00am	0	0	0	0	0	0	0	0	0	0	0	0
4:00am	0	0	0	0	0	0	0	0	0	0	0	0
5:00am	4	34	651	2	17	96	0	0	0	6	51	747
6:00am	6	55	2,393	4	33	1,753	2	13	233	12	101	4,379
7:00am	14	121	9,701	5	44	4,423	2	12	300	21	177	14,424
8:00am	13	132	10,281	7	62	6,586	5	33	1,264	25	227	18,131
9:00am	12	96	7,077	4	32	2,958	2	13	544	18	141	10,579
10:00am	6	45	1,874	3	23	990	2	14	678	11	82	3,542
11:00am	3	29	1,625	3	25	1,022	4	25	723	10	79	3,370
12:00pm	3	27	1,021	2	16	491	4	26	717	9	69	2,229
1:00pm	3	26	1,137	2	15	596	2	12	307	7	53	2,040
2:00pm	3	27	1,015	2	16	571	4	25	509	9	68	2,095
3:00pm	2	17	643	2	16	398	3	19	626	7	52	1,667
4:00pm	4	30	1,568	2	17	488	3	18	626	9	65	2,682
5:00pm	5	48	2,225	5	42	1,393	2	14	536	12	104	4,154
6:00pm	6	55	2,239	2	16	422	3	19	651	11	90	3,312
7:00pm	5	43	1,600	5	38	1,692	3	21	570	13	102	3,862
8:00pm	5	46	1,459	3	24	285	2	12	198	10	82	1,942
9:00pm	3	26	452	3	26	490	4	25	350	10	77	1,292
10:00pm	4	40	441	5	44	650	1	7	147	10	91	1,238
11:00pm	1	10	61	1	8	325	1	5	41	3	23	427
TOTAL	109	968	47,973	64	531	25,673	51	325	9,244	224	1,824	82,890

NEW JERSEY SECTOR, 2010-OUTBOUND

HOURS	NJ TRANSIT						AMTRAK			TOTAL		
	NEC / NJCL			MIDTOWN DIRECT			N.E. CORRIDOR			TRAINS	CARS	PSGRS
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS			
12:00am	1	8	145	2	18	288	0	0	0	3	26	433
1:00am	2	16	333	1	9	77	0	0	0	3	25	410
2:00am	0	0	0	0	0	0	0	0	0	0	0	0
3:00am	0	0	0	0	0	0	1	5	96	1	5	96
4:00am	3	27	194	0	0	0	1	7	13	4	34	207
5:00am	4	33	693	0	0	0	1	7	59	5	40	752
6:00am	6	49	1,031	4	34	157	4	23	265	14	106	1,453
7:00am	7	57	1,846	3	24	375	4	24	581	14	105	2,802
8:00am	5	45	1,390	3	26	417	2	13	505	10	84	2,312
9:00am	4	41	1,072	3	25	385	3	19	671	10	85	2,128
10:00am	3	26	543	2	17	271	3	19	592	8	62	1,406
11:00am	3	26	707	2	14	335	2	14	384	7	54	1,426
12:00pm	3	25	715	2	16	488	4	27	590	9	68	1,793
1:00pm	3	26	1,205	2	17	466	1	6	251	6	49	1,922
2:00pm	3	26	1,583	2	14	474	5	32	802	10	72	2,859
3:00pm	6	50	2,834	3	25	1,065	4	29	895	13	104	4,794
4:00pm	4	34	5,180	5	38	2,677	4	25	856	13	97	8,713
5:00pm	8	68	11,082	5	43	4,852	3	17	671	16	128	16,605
6:00pm	6	48	8,415	6	52	4,817	3	19	854	15	119	14,086
7:00pm	4	36	3,795	3	22	1,843	2	11	467	9	69	6,105
8:00pm	5	41	2,183	5	44	3,029	4	24	681	14	109	5,893
9:00pm	4	32	1,553	3	26	1,643	1	7	176	8	65	3,372
10:00pm	3	25	1,249	5	40	1,377	2	12	321	10	77	2,947
11:00pm	3	25	874	3	26	497	1	5	55	7	56	1,426
TOTAL	90	764	48,622	64	530	25,533	55	345	9,785	209	1,639	83,940

SECTION D **AUTO, TAXI, COMMUTER VAN & TRUCK OCCUPANTS BY SECTOR** **SUMMARY, 2010-INBOUND**

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	11,567	4,690	2,737	1,684	20,678
1:00am	6,440	2,932	1,740	1,098	12,210
2:00am	4,387	2,245	1,359	877	8,868
3:00am	3,900	2,320	1,738	1,040	8,998
4:00am	5,495	3,763	3,255	1,945	14,458
5:00am	10,391	8,172	6,324	5,869	30,756
6:00am	18,687	13,287	9,384	9,876	51,234
7:00am	24,979	14,824	12,161	8,564	60,528
8:00am	29,360	14,810	12,074	8,731	64,975
9:00am	27,609	13,501	10,880	8,291	60,281
10:00am	23,889	11,177	8,467	8,012	51,545
11:00am	22,651	10,531	8,114	6,841	48,137
12:00pm	22,592	10,381	7,316	5,948	46,237
1:00pm	22,173	10,588	8,128	5,959	46,848
2:00pm	22,331	11,481	8,635	5,884	48,331
3:00pm	23,714	10,916	9,223	6,075	49,928
4:00pm	23,342	10,700	8,849	5,433	48,324
5:00pm	24,625	11,284	9,336	5,630	50,875
6:00pm	25,705	10,426	8,838	6,107	51,076
7:00pm	24,948	9,344	7,567	5,928	47,787
8:00pm	22,610	9,260	6,233	4,285	42,388
9:00pm	20,845	8,755	5,372	4,257	39,229
10:00pm	20,129	8,719	5,315	4,284	38,447
11:00pm	17,431	7,277	4,204	3,143	32,055
TOTAL	459,800	221,383	167,249	125,761	974,193

SUMMARY, 2010-OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	11,549	9,107	5,960	2,722	29,338
1:00am	6,504	5,608	3,901	1,996	18,009
2:00am	4,483	3,724	2,549	1,382	12,138
3:00am	3,947	2,887	2,081	1,351	10,266
4:00am	5,492	3,114	2,903	1,817	13,326
5:00am	9,459	4,302	4,441	2,643	20,845
6:00am	16,153	7,841	6,817	4,380	35,191
7:00am	23,605	9,685	6,843	5,955	46,088
8:00am	25,114	10,378	6,026	5,908	47,426
9:00am	24,020	9,584	5,577	5,033	44,214
10:00am	23,089	9,351	6,762	5,523	44,725
11:00am	21,326	9,467	7,197	5,462	43,452
12:00pm	22,123	10,175	7,943	5,557	45,798
1:00pm	22,632	10,345	8,527	6,907	48,411
2:00pm	24,454	11,646	9,872	7,964	53,936
3:00pm	26,154	13,603	11,511	7,867	59,135
4:00pm	26,196	15,174	11,652	7,349	60,371
5:00pm	26,581	15,347	10,883	8,026	60,837
6:00pm	28,234	15,417	10,056	8,935	62,642
7:00pm	26,803	14,169	9,617	7,502	58,091
8:00pm	23,316	13,329	9,034	6,484	52,163
9:00pm	22,641	12,526	8,926	6,460	50,553
10:00pm	21,983	11,847	8,394	6,676	48,900
11:00pm	17,403	10,974	7,428	5,061	40,866
TOTAL	463,261	239,600	174,900	128,960	1,006,721

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
60TH STREET SECTOR, 2010-INBOUND

HOURS	FDR DRIVE	YORK AVE	SECOND AVE	LEXINGTON AVENUE	PARK AVE	FIFTH AVENUE	SEVENTH AVE (C.P. Exit)	BROADWAY	COLUMBUS AVENUE	WEST END AVENUE	WEST SIDE HIGHWAY	TOTAL
12:00am	2,308	533	2,471	1,068	521	1,342	0	766	1,173	462	923	11,567
1:00am	1,038	246	1,586	634	233	713	0	449	746	249	546	6,440
2:00am	722	175	1,232	431	130	426	0	296	470	145	360	4,387
3:00am	559	151	1,219	381	101	375	0	249	389	121	355	3,900
4:00am	996	274	1,646	480	145	583	0	260	392	145	574	5,495
5:00am	2,614	599	2,428	717	230	972	0	354	545	239	1,693	10,391
6:00am	4,766	842	2,843	1,259	551	1,958	0	848	838	560	4,222	18,687
7:00am	6,458	791	2,983	1,734	1,380	2,814	0	1,322	1,438	1,031	5,028	24,979
8:00am	7,332	881	2,921	1,854	2,211	2,849	1,864	1,207	1,806	1,385	5,050	29,360
9:00am	6,912	898	2,830	1,668	2,062	2,498	1,746	1,289	1,608	1,409	4,689	27,609
10:00am	6,196	1,040	2,774	1,463	1,900	2,366	0	1,281	1,834	1,165	3,870	23,889
11:00am	6,096	1,148	2,932	1,323	1,655	2,178	0	1,224	1,729	1,107	3,259	22,651
12:00pm	6,018	1,220	3,010	1,321	1,734	2,004	0	1,210	1,655	1,166	3,254	22,592
1:00pm	5,859	1,257	3,328	1,212	1,674	1,897	0	1,105	1,646	1,122	3,073	22,173
2:00pm	5,781	1,238	3,145	1,286	1,709	2,002	0	1,155	1,733	1,045	3,237	22,331
3:00pm	6,165	1,440	3,731	1,232	1,557	1,882	0	1,156	1,699	1,197	3,655	23,714
4:00pm	6,299	1,335	3,511	1,255	1,409	1,766	0	1,148	1,604	1,090	3,925	23,342
5:00pm	6,703	1,397	3,495	1,424	1,583	1,749	0	1,248	1,599	1,155	4,272	24,625
6:00pm	6,443	1,280	3,650	1,620	1,871	2,055	0	1,235	1,856	1,374	4,321	25,705
7:00pm	5,763	1,269	3,748	1,677	1,890	2,368	0	1,370	1,809	1,387	3,667	24,948
8:00pm	5,511	1,129	3,489	1,660	1,634	2,320	0	1,278	1,798	1,320	2,471	22,610
9:00pm	4,669	983	3,241	1,763	1,548	2,261	0	1,190	1,765	1,132	2,293	20,845
10:00pm	4,134	912	3,114	1,750	1,440	2,441	0	1,330	1,967	1,035	2,006	20,129
11:00pm	3,609	851	2,966	1,549	1,064	2,150	0	1,077	1,728	831	1,606	17,431
TOTAL	112,951	21,889	68,293	30,761	30,232	43,969	3,610	24,047	33,827	21,872	68,349	459,800

SECTION D

**AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
60TH STREET SECTOR, 2010-OUTBOUND**

HOURS	FDR DRIVE	YORK AVE	FIRST AVE	QUEENS- BORO RAMP	THIRD AVE	PARK AVE	MADISON AVE	SIXTH AVE (C.P. Entrance)	EIGHT AVE	BROADWAY	AMSTER- DAM AVE	WEST END AVE	WEST SIDE HWY	TOTAL
12:00am	2,009	353	963	1,065	1,341	420	1,088	0	736	660	725	166	2,023	11,549
1:00am	1,020	161	615	621	864	207	567	0	410	393	474	101	1,071	6,504
2:00am	654	111	476	483	635	114	332	0	266	259	366	69	718	4,483
3:00am	574	127	434	704	534	78	262	0	195	197	276	53	513	3,947
4:00am	802	196	570	1,475	631	109	289	0	253	187	347	85	548	5,492
5:00am	1,889	415	962	2,582	891	204	447	0	398	240	515	192	724	9,459
6:00am	3,775	998	1,543	2,587	1,567	713	833	0	567	505	944	513	1,608	16,153
7:00am	4,583	1,686	2,141	2,255	2,504	1,901	1,423	356	1,108	868	1,411	757	2,612	23,605
8:00am	4,654	1,798	2,220	2,048	2,499	2,281	1,520	651	1,256	1,044	1,424	803	2,916	25,114
9:00am	4,242	1,714	1,998	1,914	2,479	1,974	1,567	749	1,459	1,041	1,547	939	2,397	24,020
10:00am	4,290	1,299	1,821	1,922	2,361	1,842	1,545	641	1,451	923	1,664	900	2,430	23,089
11:00am	3,900	1,167	1,675	2,027	1,958	1,673	1,334	564	1,264	772	1,536	724	2,732	21,326
12:00pm	4,026	1,212	1,673	1,970	2,155	1,596	1,580	682	1,349	803	1,494	596	2,987	22,123
1:00pm	4,013	1,299	1,652	2,176	2,268	1,599	1,613	638	1,318	786	1,519	572	3,179	22,632
2:00pm	4,084	1,527	1,844	2,394	2,307	1,815	1,520	751	1,249	880	1,653	616	3,814	24,454
3:00pm	4,646	1,516	1,868	2,292	2,098	1,890	1,871	965	1,233	889	1,792	673	4,421	26,154
4:00pm	5,351	1,338	1,813	2,081	1,866	1,763	1,801	1,105	1,361	834	1,828	807	4,248	26,196
5:00pm	4,908	1,366	1,981	1,897	2,035	1,941	1,925	1,294	1,369	925	1,973	995	3,972	26,581
6:00pm	4,351	1,392	2,081	1,939	2,506	2,074	2,434	1,296	1,758	1,139	2,147	1,050	4,067	28,234
7:00pm	4,288	1,060	1,813	1,973	2,774	1,916	2,875	0	1,996	1,180	2,043	774	4,111	26,803
8:00pm	4,127	988	1,587	1,802	2,321	1,645	2,218	0	1,586	1,060	1,592	510	3,880	23,316
9:00pm	3,857	873	1,472	1,752	2,399	1,508	2,191	0	1,588	1,014	1,542	471	3,974	22,641
10:00pm	3,485	737	1,376	1,914	2,336	1,318	2,195	0	1,707	1,076	1,509	435	3,895	21,983
11:00pm	2,841	574	1,173	1,597	1,927	848	1,741	0	1,264	887	1,189	318	3,044	17,403
TOTAL	82,369	23,907	35,751	43,470	45,256	31,429	35,171	9,692	27,141	18,562	31,510	13,119	65,884	463,261

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
2010-INBOUND

HOURS	BROOKLYN SECTOR					QUEENS SECTOR			NEW JERSEY SECTOR			TOTAL
	BROOKLYN BRIDGE	MANHATTAN BRIDGE	WILLIAMSBURG BRIDGE	BATTERY TUNNEL	TOTAL	MIDTOWN TUNNEL	QUEENSBORO BRIDGE	TOTAL	HOLLAND TUNNEL	LINCOLN TUNNEL	TOTAL	
12:00am	1,545	1,131	1,829	185	4,690	675	2,062	2,737	767	917	1,684	9,111
1:00am	882	773	1,193	84	2,932	362	1,378	1,740	516	582	1,098	5,770
2:00am	600	620	973	52	2,245	140	1,219	1,359	366	511	877	4,481
3:00am	580	668	1,006	66	2,320	198	1,540	1,738	456	584	1,040	5,098
4:00am	940	895	1,706	222	3,763	363	2,892	3,255	748	1,197	1,945	8,963
5:00am	2,316	1,793	3,183	880	8,172	1,249	5,075	6,324	2,169	3,700	5,869	20,365
6:00am	4,308	2,710	4,016	2,253	13,287	2,071	7,313	9,384	3,522	6,354	9,876	32,547
7:00am	4,114	3,705	4,031	2,974	14,824	4,928	7,233	12,161	3,561	5,003	8,564	35,549
8:00am	4,314	3,508	3,732	3,256	14,810	5,518	6,556	12,074	3,588	5,143	8,731	35,615
9:00am	3,801	2,958	3,745	2,997	13,501	5,637	5,243	10,880	3,448	4,843	8,291	32,672
10:00am	3,424	2,362	3,360	2,031	11,177	4,086	4,381	8,467	3,514	4,498	8,012	27,656
11:00am	2,949	2,096	3,212	2,274	10,531	3,652	4,462	8,114	3,143	3,698	6,841	25,486
12:00pm	3,112	1,972	3,212	2,085	10,381	3,145	4,171	7,316	2,523	3,425	5,948	23,645
1:00pm	3,361	2,011	3,302	1,914	10,588	3,402	4,726	8,128	2,535	3,424	5,959	24,675
2:00pm	3,888	2,240	3,537	1,816	11,481	3,454	5,181	8,635	2,745	3,139	5,884	26,000
3:00pm	3,879	1,957	3,384	1,696	10,916	3,968	5,255	9,223	2,946	3,129	6,075	26,214
4:00pm	4,028	1,886	3,270	1,516	10,700	4,095	4,754	8,849	3,116	2,317	5,433	24,982
5:00pm	4,308	1,992	3,584	1,400	11,284	4,375	4,961	9,336	3,703	1,927	5,630	26,250
6:00pm	3,663	1,898	3,365	1,500	10,426	4,264	4,574	8,838	3,502	2,605	6,107	25,371
7:00pm	3,314	1,731	3,122	1,177	9,344	3,125	4,442	7,567	2,929	2,999	5,928	22,839
8:00pm	3,622	1,717	3,101	820	9,260	2,502	3,731	6,233	2,003	2,282	4,285	19,778
9:00pm	3,507	1,675	2,938	635	8,755	1,831	3,541	5,372	1,939	2,318	4,257	18,384
10:00pm	3,454	1,729	3,013	523	8,719	1,581	3,734	5,315	2,019	2,265	4,284	18,318
11:00pm	2,542	1,650	2,671	414	7,277	1,112	3,092	4,204	1,404	1,739	3,143	14,624
TOTAL	72,451	45,677	70,485	32,770	221,383	65,733	101,516	167,249	57,162	68,599	125,761	514,393

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
2010-OUTBOUND

HOURS	BROOKLYN SECTOR					QUEENS SECTOR			NEW JERSEY SECTOR			TOTAL
	BROOKLYN BRIDGE	MANHATTAN BRIDGE	WILLIAMSBURG BRIDGE	BATTERY TUNNEL	TOTAL	MIDTOWN TUNNEL	QUEENSBORO BRIDGE	TOTAL	HOLLAND TUNNEL	LINCOLN TUNNEL	TOTAL	
12:00am	3,368	2,186	2,958	595	9,107	1,189	4,771	5,960	940	1,782	2,722	17,789
1:00am	1,878	1,471	1,996	263	5,608	586	3,315	3,901	716	1,280	1,996	11,505
2:00am	1,154	972	1,443	155	3,724	375	2,174	2,549	527	855	1,382	7,655
3:00am	849	813	1,121	104	2,887	319	1,762	2,081	721	630	1,351	6,319
4:00am	970	852	1,191	101	3,114	574	2,329	2,903	1,020	797	1,817	7,834
5:00am	1,557	1,089	1,521	135	4,302	1,200	3,241	4,441	1,539	1,104	2,643	11,386
6:00am	3,180	1,770	2,475	416	7,841	2,038	4,779	6,817	2,686	1,694	4,380	19,038
7:00am	3,846	2,216	2,946	677	9,685	2,220	4,623	6,843	3,549	2,406	5,955	22,483
8:00am	4,090	2,371	3,069	848	10,378	2,191	3,835	6,026	2,968	2,940	5,908	22,312
9:00am	3,618	2,236	2,770	960	9,584	2,207	3,370	5,577	2,589	2,444	5,033	20,194
10:00am	3,483	2,224	2,761	883	9,351	2,621	4,141	6,762	2,785	2,738	5,523	21,636
11:00am	3,452	2,168	2,821	1,026	9,467	2,616	4,581	7,197	2,946	2,516	5,462	22,126
12:00pm	3,731	2,323	2,877	1,244	10,175	3,140	4,803	7,943	2,642	2,915	5,557	23,675
1:00pm	3,430	2,497	2,900	1,518	10,345	3,534	4,993	8,527	3,206	3,701	6,907	25,779
2:00pm	3,740	2,780	3,352	1,774	11,646	4,154	5,718	9,872	3,897	4,067	7,964	29,482
3:00pm	4,735	3,039	3,655	2,174	13,603	4,476	7,035	11,511	3,667	4,200	7,867	32,981
4:00pm	4,812	3,667	4,154	2,541	15,174	4,595	7,057	11,652	3,593	3,756	7,349	34,175
5:00pm	4,444	3,635	4,283	2,985	15,347	4,303	6,580	10,883	3,692	4,334	8,026	34,256
6:00pm	4,737	3,644	4,044	2,992	15,417	3,944	6,112	10,056	3,802	5,133	8,935	34,408
7:00pm	4,488	3,405	3,914	2,362	14,169	3,583	6,034	9,617	3,337	4,165	7,502	31,288
8:00pm	4,730	2,896	3,710	1,993	13,329	3,153	5,881	9,034	2,662	3,822	6,484	28,847
9:00pm	4,630	2,735	3,587	1,574	12,526	3,351	5,575	8,926	2,467	3,993	6,460	27,912
10:00pm	4,488	2,719	3,412	1,228	11,847	3,016	5,378	8,394	2,458	4,218	6,676	26,917
11:00pm	4,144	2,578	3,428	824	10,974	1,812	5,616	7,428	1,633	3,428	5,061	23,463
TOTAL	83,554	56,286	70,388	29,372	239,600	61,197	113,703	174,900	60,042	68,918	128,960	543,460

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY SECTOR, SUMMARY- 2010

INBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	8,692	3,904	2,233	1,298	16,127
1:00am	4,842	2,433	1,426	848	9,549
2:00am	3,302	1,857	1,128	673	6,960
3:00am	2,938	1,917	1,441	800	7,096
4:00am	4,147	3,118	2,699	1,487	11,451
5:00am	7,944	6,817	5,190	4,479	24,430
6:00am	15,032	11,170	8,208	7,936	42,346
7:00am	19,460	12,645	10,329	6,825	49,259
8:00am	21,757	12,478	9,897	6,722	50,854
9:00am	20,540	11,354	8,650	6,654	47,198
10:00am	18,152	9,271	6,762	6,553	40,738
11:00am	17,129	8,819	6,506	5,581	38,035
12:00pm	16,916	8,589	5,823	4,617	35,945
1:00pm	16,722	8,763	6,389	4,626	36,500
2:00pm	17,103	9,371	6,714	4,469	37,657
3:00pm	18,281	9,292	7,198	4,717	39,488
4:00pm	17,845	9,062	6,659	4,083	37,649
5:00pm	18,487	9,408	7,151	4,184	39,230
6:00pm	19,425	9,084	6,710	4,681	39,900
7:00pm	19,144	8,150	5,956	4,210	37,460
8:00pm	17,073	7,782	4,988	3,308	33,151
9:00pm	15,753	7,353	4,332	3,281	30,719
10:00pm	15,165	7,313	4,309	3,308	30,095
11:00pm	13,124	6,078	3,422	2,420	25,044
TOTAL	348,973	186,028	134,120	97,760	766,881

OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	8,796	6,688	4,584	2,052	22,120
1:00am	4,946	4,107	3,030	1,508	13,591
2:00am	3,418	2,731	1,981	1,049	9,179
3:00am	3,029	2,112	1,616	1,054	7,811
4:00am	4,245	2,277	2,233	1,425	10,180
5:00am	7,333	3,142	3,367	2,081	15,923
6:00am	13,152	5,565	4,637	3,540	26,894
7:00am	18,695	6,946	4,550	4,651	34,842
8:00am	19,538	7,440	4,137	4,467	35,582
9:00am	18,169	6,890	3,941	3,816	32,816
10:00am	17,372	6,791	5,081	4,225	33,469
11:00am	16,172	6,945	5,530	4,298	32,945
12:00pm	16,569	7,490	6,083	4,284	34,426
1:00pm	17,039	7,840	6,629	5,368	36,876
2:00pm	18,336	8,817	7,556	5,996	40,705
3:00pm	19,591	10,756	8,778	6,017	45,142
4:00pm	18,924	11,473	8,974	5,821	45,192
5:00pm	18,960	11,533	8,259	6,342	45,094
6:00pm	20,017	11,469	7,563	6,852	45,901
7:00pm	19,322	10,616	7,214	5,887	43,039
8:00pm	17,601	9,932	6,739	4,948	39,220
9:00pm	17,095	9,295	6,622	4,903	37,915
10:00pm	16,588	8,750	6,248	5,054	36,640
11:00pm	13,175	8,070	5,662	3,798	30,705
TOTAL	348,082	177,675	131,014	99,436	756,207

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY
60TH STREET SECTOR, 2010-INBOUND

HOURS	FDR DRIVE	YORK AVENUE	SECOND AVENUE	LEXINGTON AVENUE	PARK AVE	FIFTH AVENUE	SEVENTH AVE (C.P. EXIT)	BROADWAY	COLUMBUS AVENUE	WEST END AVENUE	WEST SIDE HWY	TOTAL
12:00am	1,697	476	1,778	905	380	866	-	563	889	321	817	8,692
1:00am	763	220	1,141	537	170	460	-	330	565	173	483	4,842
2:00am	531	156	886	365	95	275	-	218	356	101	319	3,302
3:00am	411	135	877	323	74	242	-	183	295	84	314	2,938
4:00am	732	245	1,184	407	106	376	-	191	297	101	508	4,147
5:00am	1,922	535	1,747	608	168	627	-	260	413	166	1,498	7,944
6:00am	3,813	794	2,154	1085	405	1239	-	573	710	386	3,873	15,032
7:00am	4,784	732	2,226	1387	1,113	1716	-	951	1,169	726	4,656	19,460
8:00am	5,275	780	2,132	1460	1,602	1647	1,024	868	1,338	955	4,676	21,757
9:00am	4,902	795	2,144	1356	1,494	1505	970	948	1,191	933	4,302	20,540
10:00am	4,394	904	2,086	1261	1,338	1488	-	915	1,339	844	3,583	18,152
11:00am	4,204	1025	2,238	1112	1,244	1414	-	920	1,271	791	2,910	17,129
12:00pm	4,150	1070	2,213	1083	1,221	1345	-	890	1,263	827	2,854	16,916
1:00pm	4,185	1093	2,394	1045	1,222	1308	-	837	1,210	779	2,649	16,722
2:00pm	4,282	1146	2,279	1128	1,221	1362	-	825	1,265	780	2,815	17,103
3:00pm	4,635	1231	2,665	1173	1,153	1280	-	889	1,240	837	3,178	18,281
4:00pm	4,772	1131	2,405	1131	1,014	1162	-	870	1,215	790	3,355	17,845
5:00pm	4,857	1282	2,330	1217	1,084	1166	-	918	1,211	802	3,620	18,487
6:00pm	4,808	1133	2,401	1328	1,407	1352	-	980	1,473	881	3,662	19,425
7:00pm	4,574	1164	2,567	1409	1,432	1579	-	1,030	1,402	931	3,056	19,144
8:00pm	4,052	1008	2,510	1407	1,193	1497	-	940	1,362	917	2,187	17,073
9:00pm	3,433	878	2,332	1494	1,130	1459	-	875	1,337	786	2,029	15,753
10:00pm	3,040	814	2,240	1483	1,051	1575	-	978	1,490	719	1,775	15,165
11:00pm	2,654	760	2,134	1313	777	1387	-	792	1,309	577	1,421	13,124
TOTAL	82,870	19,620	49,380	26,375	22,094	29,136	1,994	18,274	25,703	15,295	60,540	348,973

Note: Volumes for the four East River bridges, and for the 60th Street screenline, are provided by the New York City Department of Transportation (NYC DOT). These volumes are obtained using Automatic Traffic Recorders (ATRs), which record each vehicle as it passes over a pneumatic tube. A total of 40 ATRs are deployed simultaneously during the two-week counting period in October. All ATR machines and tubes are maintained daily. Nevertheless, it is not possible to obtain valid data from all 40 ATRs for any specific continuous 24-hour period. This is due to a number of factors, notably vehicles parked on pneumatic tubes, breakage of pneumatic tubes, ATR damage and battery depletion, unusual circumstances disrupting traffic flow (accidents, fires, police actions, etc.). As a result, it is necessary to use the average of valid data from each individual ATR to develop representative traffic counts at all locations. The Hub Bound report data reported for other facilities is generally collected on a typical fall day (i.e., October 15, 2008). Thus, there may be some variation in this report and the reports produced by NYC DOT.

SECTION E

AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY

60TH STREET SECTOR, 2010-OUTBOUND

HOURS	FDR DRIVE	YORK AVE	FIRST AVE	QUEENS-BORO RAMP	THIRD AVE	PARK AVE	MADISON AVE	SIXTH AVE (C.P. Entrance)	EIGHT AVE	BROADWAY	AMSTER-DAM AVE	WEST END AVE	WEST SIDE HWY	TOTAL
12:00am	1,633	242	777	880	912	276	750	-	418	500	549	115	1,744	8,796
1:00am	829	110	496	513	588	136	391	-	233	298	359	70	923	4,946
2:00am	532	76	384	399	432	75	229	-	151	196	277	48	619	3,418
3:00am	467	87	350	582	363	51	181	-	111	149	209	37	442	3,029
4:00am	652	134	460	1,219	429	72	199	-	144	142	263	59	472	4,245
5:00am	1,536	284	776	2,134	606	134	308	-	226	182	390	133	624	7,333
6:00am	3,146	718	1,265	2,352	1,161	463	724	-	405	361	828	331	1,398	13,152
7:00am	3,788	1,102	1,755	2,088	1,855	1,203	1,227	230	715	638	1,186	533	2,375	18,695
8:00am	3,878	1,215	1,762	1,862	1,798	1,408	1,310	402	775	735	1,238	528	2,627	19,538
9:00am	3,314	1,207	1,573	1,694	1,771	1,307	1,264	438	853	738	1,300	626	2,084	18,169
10:00am	3,378	902	1,493	1,643	1,711	1,212	1,096	362	820	699	1,331	612	2,113	17,372
11:00am	3,120	805	1,373	1,648	1,429	1,146	914	334	748	628	1,191	521	2,315	16,172
12:00pm	3,221	808	1,394	1,602	1,507	1,132	1,053	375	741	618	1,167	462	2,489	16,569
1:00pm	3,430	884	1,365	1,755	1,564	1,134	1,068	341	705	609	1,117	440	2,627	17,039
2:00pm	3,491	1,032	1,524	1,856	1,518	1,210	987	434	722	667	1,198	437	3,260	18,336
3:00pm	3,872	1,031	1,544	1,791	1,408	1,235	1,223	536	685	689	1,289	477	3,811	19,591
4:00pm	4,054	942	1,384	1,613	1,212	1,116	1,147	607	748	657	1,306	538	3,600	18,924
5:00pm	3,775	911	1,512	1,530	1,226	1,213	1,181	703	744	728	1,380	691	3,366	18,960
6:00pm	3,596	898	1,665	1,527	1,519	1,338	1,440	661	897	844	1,451	734	3,447	20,017
7:00pm	3,573	815	1,462	1,566	1,671	1,269	1,615	-	998	915	1,390	534	3,514	19,322
8:00pm	3,355	677	1,280	1,489	1,579	1,082	1,530	-	901	803	1,206	354	3,345	17,601
9:00pm	3,136	598	1,187	1,448	1,632	992	1,511	-	902	768	1,168	327	3,426	17,095
10:00pm	2,833	505	1,110	1,582	1,589	867	1,514	-	970	815	1,143	302	3,358	16,588
11:00pm	2,310	393	946	1,320	1,311	558	1,201	-	718	672	901	221	2,624	13,175
TOTAL	66,919	16,376	28,837	36,093	30,791	20,629	24,063	5,423	15,330	14,051	23,837	9,130	56,603	348,082

Note: Volumes for the four East River bridges, and for the 60th Street screenline, are provided by the New York City Department of Transportation (NYC DOT). These volumes are obtained using Automatic Traffic Recorders (ATRs), which record each vehicle as it passes over a pneumatic tube. A total of 40 ATRs are deployed simultaneously during the two-week counting period in October. All ATR machines and tubes are maintained daily. Nevertheless, it is not possible to obtain valid data from all 40 ATRs for any specific continuous 24-hour period. This is due to a number of factors, notably vehicles parked on pneumatic tubes, breakage of pneumatic tubes, ATR damage and battery depletion, unusual circumstances disrupting traffic flow (accidents, fires, police actions, etc.). As a result, it is necessary to use the average of valid data from each individual ATR to develop representative traffic counts at all locations. The Hub Bound report data reported for other facilities is generally collected on a typical fall day (i.e., October 15, 2008). Thus, there may be some variation in this report and the reports produced by NYC DOT.

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS
BY FACILITY, 2010-INBOUND

HOURS	BROOKLYN SECTOR					QUEENS SECTOR			NEW JERSEY SECTOR			TOTAL
	BROOKLYN BRIDGE	MANHATTAN BRIDGE	WILLIAMSBURG BRIDGE	BATTERY TUNNEL	TOTAL	MIDTOWN TUNNEL	QUEENSBORO BRIDGE	TOTAL	HOLLAND TUNNEL	LINCOLN TUNNEL	TOTAL	
12:00am	1,355	912	1,475	162	3,904	500	1,733	2,233	629	669	1,298	7,435
1:00am	774	623	962	74	2,433	268	1,158	1,426	423	425	848	4,707
2:00am	526	500	785	46	1,857	104	1,024	1,128	300	373	673	3,658
3:00am	509	539	811	58	1,917	147	1,294	1,441	374	426	800	4,158
4:00am	825	722	1,376	195	3,118	269	2,430	2,699	613	874	1,487	7,304
5:00am	2,032	1,446	2,567	772	6,817	925	4,265	5,190	1,778	2,701	4,479	16,486
6:00am	3,714	2,134	3,292	2,030	11,170	1,849	6,359	8,208	3,086	4,850	7,936	27,314
7:00am	3,673	2,964	3,304	2,704	12,645	4,039	6,290	10,329	3,035	3,790	6,825	29,799
8:00am	3,656	2,852	3,010	2,960	12,478	4,245	5,652	9,897	2,968	3,754	6,722	29,097
9:00am	3,277	2,405	2,972	2,700	11,354	4,207	4,443	8,650	2,957	3,697	6,654	26,658
10:00am	2,902	1,920	2,667	1,782	9,271	3,049	3,713	6,762	2,896	3,657	6,553	22,586
11:00am	2,681	1,690	2,471	1,977	8,819	2,788	3,718	6,506	2,599	2,982	5,581	20,906
12:00pm	2,660	1,603	2,529	1,797	8,589	2,347	3,476	5,823	2,042	2,575	4,617	19,029
1:00pm	2,897	1,609	2,621	1,636	8,763	2,483	3,906	6,389	2,071	2,555	4,626	19,778
2:00pm	3,323	1,684	2,785	1,579	9,371	2,467	4,247	6,714	2,109	2,360	4,469	20,554
3:00pm	3,373	1,617	2,774	1,528	9,292	2,855	4,343	7,198	2,364	2,353	4,717	21,207
4:00pm	3,443	1,585	2,680	1,354	9,062	2,730	3,929	6,659	2,507	1,576	4,083	19,804
5:00pm	3,620	1,633	2,938	1,217	9,408	3,017	4,134	7,151	2,916	1,268	4,184	20,743
6:00pm	3,456	1,518	2,828	1,282	9,084	2,961	3,749	6,710	2,807	1,874	4,681	20,475
7:00pm	3,097	1,396	2,668	989	8,150	2,315	3,641	5,956	2,370	1,840	4,210	18,316
8:00pm	3,177	1,385	2,501	719	7,782	1,853	3,135	4,988	1,642	1,666	3,308	16,078
9:00pm	3,076	1,351	2,369	557	7,353	1,356	2,976	4,332	1,589	1,692	3,281	14,966
10:00pm	3,030	1,394	2,430	459	7,313	1,171	3,138	4,309	1,655	1,653	3,308	14,930
11:00pm	2,230	1,331	2,154	363	6,078	824	2,598	3,422	1,151	1,269	2,420	11,920
TOTAL	63,306	36,813	56,969	28,940	186,028	48,769	85,351	134,120	46,881	50,879	97,760	417,908

Note: Volumes for the four East River bridges, and for the 60th Street screenline, are provided by the New York City Department of Transportation (NYC DOT). These volumes are obtained using Automatic Traffic Recorders (ATRs), which record each vehicle as it passes over a pneumatic tube. A total of 40 ATRs are deployed simultaneously during the two-week counting period in October. All ATR machines and tubes are maintained daily. Nevertheless, it is not possible to obtain valid data from all 40 ATRs for any specific continuous 24-hour period. This is due to a number of factors, notably vehicles parked on pneumatic tubes, breakage of pneumatic tubes, ATR damage and battery depletion, unusual circumstances disrupting traffic flow (accidents, fires, police actions, etc.). As a result, it is necessary to use the average of valid data from each individual ATR to develop representative traffic counts at all locations. The Hub Bound report data reported for other facilities is generally collected on a typical fall day (i.e., October 15, 2008). Thus, there may be some variation in this report and the reports produced by NYC DOT.

SECTION E

AUTOS, TAXIS, COMMUTER VANS AND TRUCKS

BY FACILITY, 2010-OUTBOUND

HOURS	BROOKLYN SECTOR					QUEENS SECTOR			NEW JERSEY SECTOR*			TOTAL
	BROOKLYN BRIDGE	MANHATTAN BRIDGE	WILLIAMSBURG BRIDGE	BATTERY TUNNEL	TOTAL	MIDTOWN TUNNEL	QUEENSBORO BRIDGE	TOTAL	HOLLAND TUNNEL	LINCOLN TUNNEL	TOTAL	
12:00am	2,423	1,477	2,275	513	6,688	767	3,817	4,584	797	1,255	2,052	13,348
1:00am	1,351	994	1,535	227	4,107	378	2,652	3,030	607	901	1,508	8,649
2:00am	830	657	1,110	134	2,731	242	1,739	1,981	447	602	1,049	5,764
3:00am	611	549	862	90	2,112	206	1,410	1,616	611	443	1,054	4,783
4:00am	698	576	916	87	2,277	370	1,863	2,233	864	561	1,425	5,938
5:00am	1,120	736	1,170	116	3,142	774	2,593	3,367	1,304	777	2,081	8,595
6:00am	2,224	1,204	1,755	382	5,565	1,341	3,296	4,637	2,336	1,204	3,540	13,745
7:00am	2,671	1,550	2,104	621	6,946	1,405	3,145	4,550	2,982	1,669	4,651	16,154
8:00am	2,840	1,635	2,208	757	7,440	1,378	2,759	4,137	2,494	1,973	4,467	16,064
9:00am	2,461	1,511	2,083	835	6,890	1,388	2,553	3,941	2,122	1,694	3,816	14,674
10:00am	2,436	1,473	2,140	742	6,791	1,659	3,422	5,081	2,360	1,865	4,225	16,127
11:00am	2,448	1,455	2,187	855	6,945	1,744	3,786	5,530	2,518	1,780	4,298	16,806
12:00pm	2,646	1,559	2,265	1,020	7,490	2,013	4,070	6,083	2,258	2,026	4,284	17,885
1:00pm	2,560	1,676	2,339	1,265	7,840	2,325	4,304	6,629	2,764	2,604	5,368	19,870
2:00pm	2,770	1,841	2,703	1,503	8,817	2,751	4,805	7,556	3,275	2,721	5,996	22,413
3:00pm	3,560	2,171	3,151	1,874	10,756	2,964	5,814	8,778	3,056	2,961	6,017	25,613
4:00pm	3,538	2,461	3,245	2,229	11,473	2,890	6,084	8,974	3,045	2,776	5,821	26,430
5:00pm	3,268	2,490	3,245	2,530	11,533	2,776	5,483	8,259	3,129	3,213	6,342	26,374
6:00pm	3,509	2,382	3,064	2,514	11,469	2,512	5,051	7,563	3,142	3,710	6,852	26,095
7:00pm	3,426	2,183	2,988	2,019	10,616	2,268	4,946	7,214	2,852	3,035	5,887	23,824
8:00pm	3,403	1,957	2,854	1,718	9,932	2,034	4,705	6,739	2,256	2,692	4,948	21,677
9:00pm	3,331	1,848	2,759	1,357	9,295	2,162	4,460	6,622	2,091	2,812	4,903	20,863
10:00pm	3,229	1,837	2,625	1,059	8,750	1,946	4,302	6,248	2,083	2,971	5,054	20,087
11:00pm	2,981	1,742	2,637	710	8,070	1,169	4,493	5,662	1,384	2,414	3,798	17,556
TOTAL	60,334	37,964	54,220	25,157	177,675	39,462	91,552	131,014	50,777	109,225	99,436	409,334

Note: Volumes for the four East River bridges, and for the 60th Street screenline, are provided by the New York City Department of Transportation (NYC DOT). These volumes are obtained using Automatic Traffic Recorders (ATRs), which record each vehicle as it passes over a pneumatic tube. A total of 40 ATRs are deployed simultaneously during the two-week counting period in October. All ATR machines and tubes are maintained daily. Nevertheless, it is not possible to obtain valid data from all 40 ATRs for any specific continuous 24-hour period. This is due to a number of factors, notably vehicles parked on pneumatic tubes, breakage of pneumatic tubes, ATR damage and battery depletion, unusual circumstances disrupting traffic flow (accidents, fires, police actions, etc.). As a result, it is necessary to use the average of valid data from each individual ATR to develop representative traffic counts at all locations. The Hub Bound report data reported for other facilities is generally collected on a typical fall day (i.e., October 15, 2008). Thus, there may be some variation in this report and the reports produced by NYC DOT.

SECTION F **FERRY AND TRAMWAY PASSENGERS BY FACILITY** **2010-INBOUND**

HOURS	BROOKLYN FERRY	QUEENS FERRY	NEW JERSEY FERRY	STATEN ISLAND FERRY	TOTAL
12:00am	0	0	4	42	90
1:00am	0	0	0	75	49
2:00am	0	0	0	32	52
3:00am	0	0	0	41	94
4:00am	0	0	0	126	320
5:00am	0	0	107	359	1,697
6:00am	0	0	1,449	1,327	5,239
7:00am	0	0	3,606	3,326	10,580
8:00am	23	17	5,259	6,235	11,991
9:00am	5	6	2,425	5,850	4,387
10:00am	0	0	970	1,898	2,362
11:00am	0	0	726	1,763	2,395
12:00pm	0	0	689	1,700	2,089
1:00pm	0	0	541	2,079	2,183
2:00pm	1	0	351	1,907	1,911
3:00pm	6	0	367	1,483	1,751
4:00pm	41	8	524	1,805	2,234
5:00pm	21	3	794	1,865	2,235
6:00pm	27	1	566	1,463	1,580
7:00pm	31	0	335	935	1,064
8:00pm	0	0	141	639	700
9:00pm	0	0	69	557	429
10:00pm	0	0	27	448	357
11:00pm	0	0	4	296	188
TOTAL	155	35	18,954	36,251	55,977

2010-OUTBOUND

HOURS	BROOKLYN FERRY	QUEENS FERRY	NEW JERSEY FERRY	STATEN ISLAND FERRY	TOTAL
12:00am	0	0	26	331	662
1:00am	0	0	0	486	220
2:00am	0	0	0	276	116
3:00am	0	0	0	179	67
4:00am	0	0	0	78	72
5:00am	0	0	0	102	209
6:00am	0	0	124	274	606
7:00am	0	0	458	479	1,004
8:00am	0	2	629	645	1,411
9:00am	0	4	409	907	1,094
10:00am	0	0	253	1,144	1,343
11:00am	0	0	299	1,353	1,521
12:00pm	0	0	355	1,709	1,811
1:00pm	0	0	412	1,882	2,254
2:00pm	38	0	554	1,837	2,611
3:00pm	21	0	748	2,089	4,014
4:00pm	23	2	1,745	3,170	6,957
5:00pm	22	2	3,640	4,629	10,745
6:00pm	33	10	3,463	5,710	7,451
7:00pm	8	0	1,903	3,891	4,636
8:00pm	0	0	892	2,553	2,545
9:00pm	0	0	516	1,784	1,921
10:00pm	0	0	432	1,284	1,152
11:00pm	0	0	230	985	864
TOTAL	145	20	17,088	37,777	55,286

Note: Data for Roosevelt Island Tramway not available due to closure of the aerial tramway for modernization in 2010.

SECTION G
BICYCLE VOLUMES BY SECTOR
SUMMARY, 2010-INBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	S. I. SECTOR ABOARD FERRY	TOTAL
12:00am	0	0	0	0	0
1:00am	0	0	0	0	0
2:00am	0	0	0	0	0
3:00am	0	0	0	0	0
4:00am	0	0	0	0	0
5:00am	0	0	0	0	0
6:00am	288	159	66	17	530
7:00am	450	477	125	24	1,076
8:00am	750	1,088	165	27	2,030
9:00am	739	1,168	112	31	2,050
10:00am	759	709	93	18	1,579
11:00am	921	460	59	10	1,450
12:00pm	1,215	321	85	8	1,629
1:00pm	1,099	313	80	14	1,506
2:00pm	934	346	114	14	1,408
3:00pm	940	354	111	14	1,419
4:00pm	921	371	134	16	1,442
5:00pm	1,058	422	138	22	1,640
6:00pm	1,206	294	128	19	1,647
7:00pm	1,338	246	68	12	1,664
8:00pm	1,056	204	75	12	1,347
9:00pm	674	147	66	8	895
10:00pm	454	101	39	8	602
11:00pm	251	111	25	3	390
TOTAL	15,053	7,291	1,683	277	24,304

SUMMARY, 2010-OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	S. I. SECTOR ABOARD FERRY	TOTAL
12:00a	0	0	0	0	0
1:00am	0	0	0	0	0
2:00am	0	0	0	0	0
3:00am	0	0	0	0	0
4:00am	0	0	0	0	0
5:00am	0	0	0	0	0
6:00am	269	51	15	5	340
7:00am	366	84	38	6	494
8:00am	576	128	32	8	744
9:00am	613	114	10	2	739
10:00a	720	131	21	5	877
11:00a	936	153	24	3	1,116
12:00p	1,110	232	82	5	1,429
1:00pm	1,077	264	58	7	1,406
2:00pm	972	286	99	11	1,368
3:00pm	930	374	161	20	1,485
4:00pm	982	637	221	15	1,855
5:00pm	1,147	959	255	53	2,414
6:00pm	1,454	1,047	274	47	2,822
7:00pm	1,558	830	214	33	2,635
8:00pm	1,139	515	138	21	1,813
9:00pm	765	357	121	16	1,259
10:00p	491	291	100	16	898
11:00p	274	194	81	10	559
TOTAL	15,379	6,647	1,944	283	24,253

SECTION G
BICYCLE VOLUMES BY FACILITY
60TH STREET SECTOR, 2010-INBOUND

HOURS	1ST AVE	2ND AVE	3RD AVE	LEX. AVE	PARK AVE	MADISON AVE	5TH AVE	6TH AVE	7TH AVE	B'WAY	8TH AVE	9TH AVE	10TH AVE	11TH AVE	12TH AVE	HUDSON RIVER GREENWAY	TOTAL
12:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6:00am	-	55	-	15	10	1	33	3	21	20	-	25	-	8	2	95	288
7:00am	3	54	-	25	14	-	48	1	22	48	2	39	6	20	3	165	450
8:00am	8	72	-	32	16	2	78	1	53	96	1	64	5	16	5	301	750
9:00am	3	70	5	46	42	2	88	2	49	79	8	68	4	8	7	258	739
10:00am	4	93	1	47	47	1	99	9	33	58	12	91	5	22	6	231	759
11:00am	2	103	8	71	71	4	138	14	61	97	10	90	4	37	10	201	921
12:00pm	11	122	17	114	104	11	229	14	86	93	9	149	7	35	5	209	1,215
1:00pm	8	87	8	111	78	3	193	16	78	96	14	153	9	35	5	205	1,099
2:00pm	15	84	3	90	43	1	138	14	53	105	19	135	6	31	7	190	934
3:00pm	9	89	5	85	57	4	120	16	57	91	8	117	16	30	5	231	940
4:00pm	5	99	16	80	57	4	103	18	60	83	9	107	11	25	6	238	921
5:00pm	11	117	12	94	65	2	94	15	66	113	17	127	16	35	13	261	1,058
6:00pm	9	149	10	123	94	3	130	21	89	86	16	152	18	29	16	261	1,206
7:00pm	12	170	8	140	99	2	127	38	99	92	43	190	18	27	14	259	1,338
8:00pm	11	131	11	116	93	4	97	37	93	80	33	182	6	26	3	133	1,056
9:00pm	14	100	5	55	56	1	49	9	58	53	23	145	9	26	3	68	674
10:00pm	5	69	3	36	28	2	37	7	50	47	9	110	5	8	2	36	454
11:00pm	7	50	4	12	10	2	13	6	36	15	5	55	10	7	-	19	251
TOTAL	137	1,714	116	1,292	984	49	1,814	241	1,064	1,352	238	1,999	155	425	112	3,361	15,053

SECTION G
BICYCLE VOLUMES BY LOCATION
60TH STREET SECTOR, 2010-OUTBOUND

HOURS	1ST AVE	2ND AVE	3RD AVE	LEX. AVE	PARK AVE	MADISON AVE	5TH AVE	6TH AVE	7TH AVE	B'WAY	8TH AVE	9TH AVE	10TH AVE	11TH AVE	12TH AVE	HUDSON RIVER GREENWAY	TOTAL
12:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6:00am	27	1	28	-	7	10	-	33	-	4	36	1	9	7	2	104	269
7:00am	39	-	55	-	11	19	-	18	-	4	31	2	13	15	1	158	366
8:00am	62	4	47	1	23	27	3	50	2	6	50	-	29	12	2	258	576
9:00am	54	2	75	2	33	38	-	71	2	10	58	2	34	11	1	220	613
10:00am	69	7	84	2	22	62	5	91	-	15	87	1	53	12	-	210	720
11:00am	68	15	119	4	59	132	19	124	2	12	104	5	30	28	6	209	936
12:00pm	72	19	146	5	88	150	9	120	5	14	155	26	50	27	3	221	1,110
1:00pm	64	13	142	4	74	142	6	131	7	18	172	32	52	27	3	190	1,077
2:00pm	67	14	111	5	49	98	8	127	5	27	140	11	47	23	3	237	972
3:00pm	78	12	101	3	43	91	11	144	2	14	105	19	58	23	5	221	930
4:00pm	79	11	109	3	54	100	4	131	1	9	110	18	72	19	3	259	982
5:00pm	93	10	106	6	60	72	5	164	6	17	179	30	76	30	7	286	1,147
6:00pm	104	16	161	7	96	93	6	163	1	15	205	42	93	34	9	409	1,454
7:00pm	115	22	219	5	99	121	4	270	11	13	225	40	77	26	4	307	1,558
8:00pm	95	32	164	8	81	81	5	193	20	14	168	31	75	23	4	145	1,139
9:00pm	68	19	100	5	56	61	4	100	6	5	133	31	62	12	1	102	765
10:00pm	58	8	72	-	37	30	3	54	7	3	98	28	33	14	-	46	491
11:00pm	37	6	54	1	8	11	-	45	4	5	47	9	17	2	-	28	274
TOTAL	1,249	211	1,893	61	900	1,338	92	2,029	81	205	2,103	328	880	345	54	3,610	15,379

SECTION G BICYCLE VOLUMES BY LOCATION 2010-INBOUND

HOURS	BROOKLYN				QUEENS	STATEN I.	TOTAL
	WILLIAMSBURG BRIDGE	BROOKLYN BRIDGE	MANHATTAN BRIDGE	TOTAL	QUEENSBORO BRIDGE	ABOARD FERRY	
12:00 am	0	0	0	0	0	0	0
1:00am	0	0	0	0	0	0	0
2:00am	0	0	0	0	0	0	0
3:00am	0	0	0	0	0	0	0
4:00am	0	0	0	0	0	0	0
5:00am	0	0	0	0	0	0	0
6:00am	65	40	54	159	66	17	401
7:00am	187	132	158	477	125	24	1,103
8:00am	416	329	343	1,088	165	27	2,368
9:00am	481	297	390	1,168	112	31	2,479
10:00am	356	124	229	709	93	18	1,529
11:00am	233	99	128	460	59	10	989
12:00pm	152	75	94	321	85	8	735
1:00pm	170	57	86	313	80	14	720
2:00pm	155	74	117	346	114	14	820
3:00pm	192	78	84	354	111	14	833
4:00pm	161	95	115	371	134	16	892
5:00pm	205	108	109	422	138	22	1,004
6:00pm	135	68	91	294	128	19	735
7:00pm	127	49	70	246	68	12	572
8:00pm	114	44	46	204	75	12	495
9:00pm	87	20	40	147	66	8	368
10:00pm	63	13	25	101	39	8	249
11:00pm	65	16	30	111	25	3	250
TOTAL	3,364	1,718	2,209	7,291	1,683	277	16,542

2010-OUTBOUND

HOURS	BROOKLYN				QUEENS	STATEN I.	TOTAL
	WILLIAMSBURG BRIDGE	BROOKLYN BRIDGE	MANHATTAN BRIDGE	TOTAL	QUEENSBORO BRIDGE	ABOARD FERRY	
12:00 am	0	0	0	0	0	0	0
1:00am	0	0	0	0	0	0	0
2:00am	0	0	0	0	0	0	0
3:00am	0	0	0	0	0	0	0
4:00am	0	0	0	0	0	0	0
5:00am	0	0	0	0	0	0	0
6:00am	16	14	21	51	15	5	122
7:00am	34	22	28	84	38	6	212
8:00am	63	36	29	128	32	8	296
9:00am	34	27	53	114	10	2	240
10:00am	47	32	52	131	21	5	288
11:00am	49	38	66	153	24	3	333
12:00pm	106	53	73	232	82	5	551
1:00pm	117	67	80	264	58	7	593
2:00pm	112	78	96	286	99	11	682
3:00pm	183	91	100	374	161	20	929
4:00pm	287	176	174	637	221	15	1,510
5:00pm	408	277	274	959	255	53	2,226
6:00pm	410	250	387	1,047	274	47	2,415
7:00pm	383	202	245	830	214	33	1,907
8:00pm	246	109	160	515	138	21	1,189
9:00pm	178	75	104	357	121	16	851
10:00pm	156	50	85	291	100	16	698
11:00pm	70	47	77	194	81	10	479
TOTAL	2,899	1,644	2,104	6,647	1,944	283	15,521

Appendix IV

List of Data Sources - 2010

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LIST OF DATA SOURCES

The Hub Bound Travel Report measures hourly numbers of persons and vehicles entering and leaving the Manhattan Business District by mode around the clock. The count day is preferably a Wednesday in October, which is considered to be an average month. This report would be impossible to create without the help of various transportation agencies providing NYMTC with basic travel data.

The number of persons arriving in the Hub by motor vehicles cannot be received by direct count. The amount generated by each type of motor vehicle is determined from special motor vehicle classification and occupancy surveys, with the results affected by vehicle type of entry and departure as well as points of crossing.

Rail Rapid Transit

This information is generated from:

- MTA New York City Transit (MTA NYCT) traffic checker at every one or two subway cars for each cordon location
- Port Authority Trans Hudson (PATH) turnstile entrance and exit registration.

Bus Transit

This information is generated from:

- MTA New York City Transit
- MTA Bus Company
- Port Authority of New York & New Jersey (PANYNJ) volumes
- New York City Department of Transportation (NYCDOT)

Suburban Rail Transit

This information is generated from:

- MTA Long Island Rail Road (MTA LIRR) - data from on-board passenger counts
- 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

This information is generated from:

- For the Staten Island Ferry - NYC DOT Ferry Division
- For private ferry ridership – NYCDOT Ferry Division

Aerial Tramway

Roosevelt Island Operating Corporation of the State of New York is the owner of this tramway. Roosevelt Island Tramway provides turnstile and gate volumes.

Bicycle

NYCDOT bicycle counts on a typical fall weekday at bridge crossings and 50th Street ScreenLines.

Motor Vehicles

This information is generated from:

- NYCDOT tube counts across 60th Street and East River non-toll bridges.
- MTA Bridges and Tunnel East River toll facilities
- Port Authority Hudson River Toll facilities.