



HUB Bound Travel Data 2011

February 2013

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- MTA NYC Transit
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- MTA Bus Company
- New Jersey Transit
- Amtrak – for suburban and intercity rail transit data
- 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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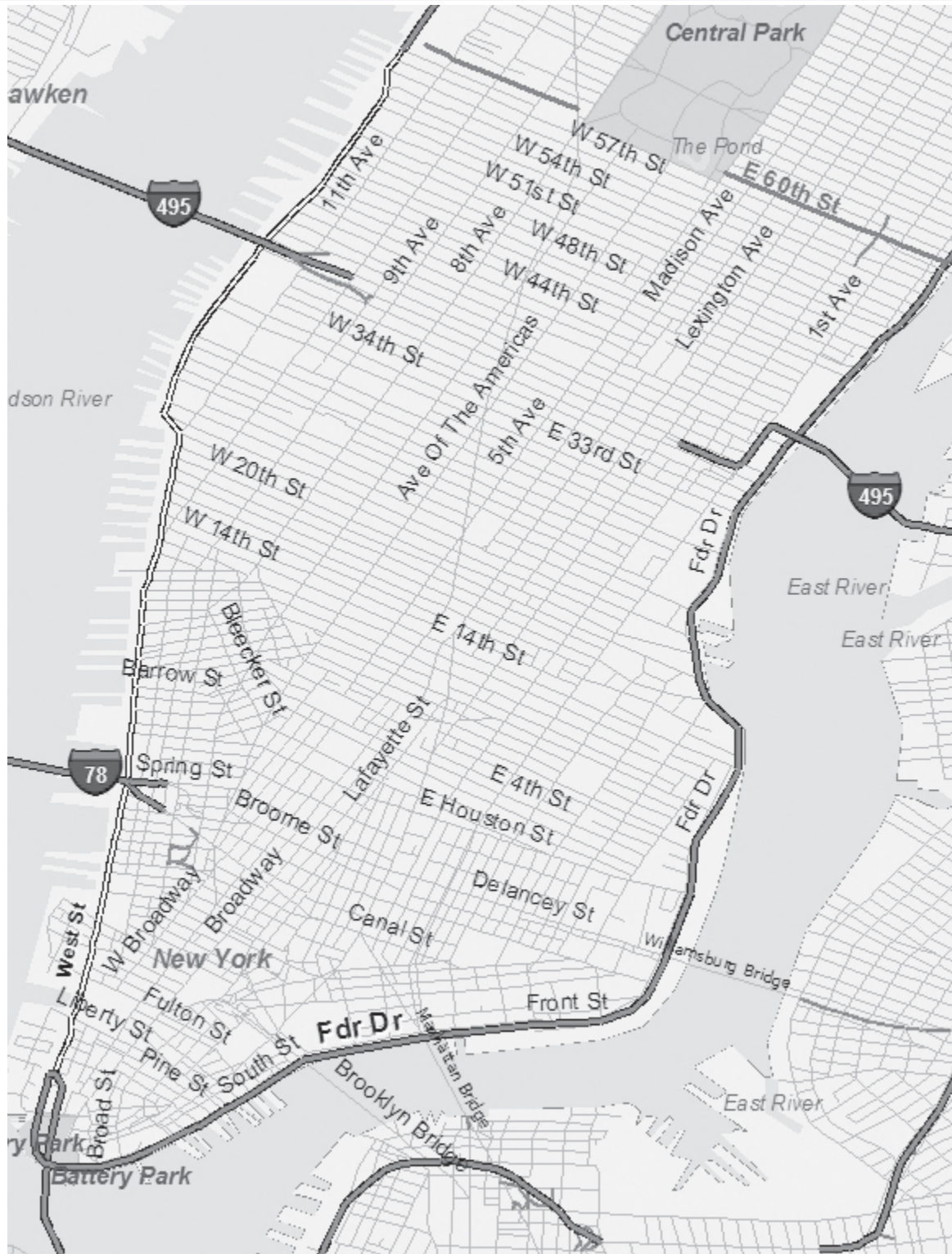
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MANHATTAN CENTRAL BUSINESS DISTRICT MAP



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

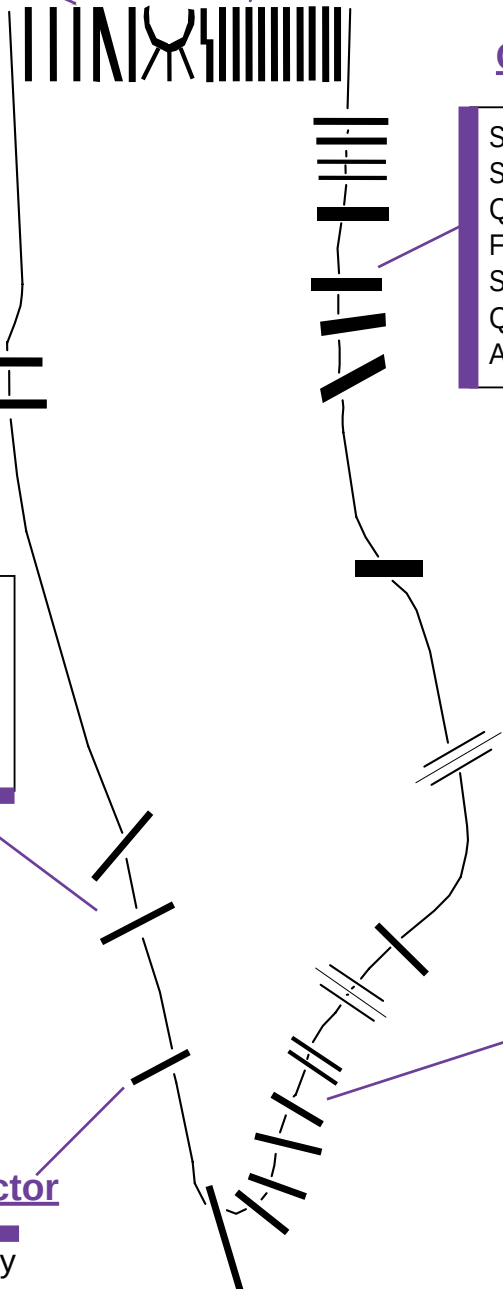
Lincoln Tunnel
Amtrak/N.J. Transit Tunnels
Uptown Path Tunnel
Holland Tunnel
Downtown Path Tunnel

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 - 2011

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%	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%	1,299	39.1%	1,352	40.5%
BROOKLYN	806	26.8%	831	27.0%	858	26.5%	903	26.9%	915	27.0%	924	26.6%	903	27.2%	871	26.1%
QUEENS	655	21.7%	654	21.3%	654	20.2%	683	20.3%	695	20.5%	700	20.1%	670	20.2%	677	20.3%
NEW JERSEY	327	10.9%	342	11.1%	374	11.6%	401	11.9%	406	12.0%	403	11.6%	411	12.4%	402	12.1%
STATEN ISLAND	29	1.0%	26	0.8%	41	1.3%	34	1.0%	35	1.0%	39	1.1%	37	1.1%	33	1.0%
ROOSEVELT ISLAND	4	0.1%	4	0.1%	4	0.1%	4	0.1%	3	0.1%	4	0.1%	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%	349	45.9%	382	49.2%
BROOKLYN	159	24.5%	165	24.3%	166	23.7%	199	25.8%	192	25.5%	188	24.5%	206	27.1%	185	23.8%
QUEENS	105	16.2%	105	15.5%	99	14.1%	110	14.3%	111	14.7%	117	15.3%	104	13.7%	108	13.9%
NEW JERSEY	83	12.8%	88	13.0%	94	13.4%	97	12.6%	97	12.9%	99	12.9%	101	13.3%	101	13.0%
STATEN ISLAND	1	0.2%	1	0.1%	1	0.1%	1	0.1%	1	0.1%	1	0.1%	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		2001	
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%	998	28.8%
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%	257	7.4%
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%	1,891	54.5%
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%	288	8.3%
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%	30	0.9%
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%	1	0.0%
BICYCLE									8	0.21%	8	0.22%	14	0.37%	6	0.20%	6	0.17%
TOTAL	3,330	-	3,382	-	3,410	-	3,454	-	3,546	-	3,670	-	3,790	-	3,839	-	3,471	-
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%	1,346	38.8%
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%	927	26.7%
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%	772	22.3%
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%	424	12.2%
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%	0	0.0%
ROOSEVELT ISLAND	-	-	2	0.05%	2	0.05%	2	0.06%	1	0.10%	1	0.04%	1	0.04%	1	0.04%	1	0.03%
TOTAL	3,330	-	3,382	-	3,410	-	3,433	-	3,544	-	3,669	-	3,790	-	3,839	-	3,471	-
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%	369	53.5%
BROOKLYN	182	23.9%	185	24.5%	189	25.1%	182	23.5%	199	24.6%	206	24.6%	203	24.1%	201	24.1%	133	19.3%
QUEENS	107	14.1%	107	14.2%	117	15.5%	119	15.30%	131	16.2%	138	16.5%	135	16.0%	131	15.9%	127	18.4%
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%	60	8.8%
STATEN ISLAND	-	-	0	0.03%	0	0.03%	0	0.00%	1	0.07%	1	0.12%	1	0.12%	0	0.04%	0	0.00%
TOTAL	760	-	755	-	772	-	776	-	809	-	836	-	844	-	825	-	689	-

Percentages may not total to 100 due to rounding

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

	2002		2003		2004		2005		2006		2007		2008		2009		2010		2011	
PERSONS BY MODE																				
AUTO, TAXI, VAN & TRUCK	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%	951	26.0%
BUS	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%	263	7.2%
SUBWAY	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%	2,067	56.5%
RAILROAD	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%	302	8.2%
PASSENGER FERRY	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%	50	1.4%
TRAM	1	0.0%	1	0.0%	2	0.0%	2	0.1%	3	0.1%	3	0.0	3	0.1%	3	0.1%	0	0.0%	3	0.1%
BICYCLE	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	0.65%	25	0.7%
TOTAL	3,657	-	3,621	-	3,682	-	3,569	-	3,600	-	3,740	-	3,799	-	3,597	-	3,688	-	3,662	-
PERSONS BY SECTOR																				
NORTH OF 60TH STREET	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%	1,390	38.0%
BROOKLYN	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%	964	26.3%
QUEENS	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%	757	20.7%
NEW JERSEY	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%	518	14.1%
STATEN ISLAND	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%	30	0.8%
ROOSEVELT ISLAND	1	0.04%	1	0.04%	2	0.05%	2	0.06%	3	0.07%	3	0.08%	3	0.08%	-	-	-	-	3	0.1%
TOTAL	3,657	-	3,621	-	3,682	-	3,569	-	3,600	-	3,740	-	3,799	-	3,597	-	3,688	-	3,662	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																				
NORTH OF 60TH STREET	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%	347	46.3%
BROOKLYN	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%	174	23.3%
QUEENS	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%	138	18.5%
NEW JERSEY	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%	89	11.9%
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	785	-	810	-	815	-	798	-	794	-	783	-	739	-	750	-	767	-	748	-

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	1991		1992		1993		1994		1995		1996		1997		1998		2000		2001	
AUTO, TAXI, VAN & TRUCK	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%	179	13.1%
BUS	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%	132	9.7%
SUBWAY	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%	851	62.2%
RAILROAD	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%	183	13.4%
PASSENGER FERRY	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%	21	1.5%
TRAMWAY	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%	0	0.0%
BICYCLE									2	0.1%	2	0.1%	1	0.1%	2	0.1%	1	0.1%	1	0.1%
TOTAL	1,420	-	1,405	-	1,381	-	1,396	-	1,385	-	1,403	-	1,412	-	1,433	-	1,536	-	1,368	-
YEAR / MODE	2002		2003		2004		2005		2006		2007		2008		2009		2010		2011	
AUTO, TAXI, VAN & TRUCK	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%	181	13.2%
BUS	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%	124	9.1%
SUBWAY	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%	847	61.9%
RAILROAD	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%	183	13.3%
PASSENGER FERRY	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%	26	1.9%
TRAMWAY	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%	1	0.1%
BICYCLE	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%	6	0.5%
TOTAL	1,408	-	1,388	-	1,372	-	1,346	-	1,328	-	1,460	-	1,448	-	1,327	-	1,353	-	1,368	-

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%
2011	6.6%	19.0%	19.7%	44.0%	16.3%	37.4%

* 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
2011	3,661,557	1,367,959	593,517	2,233,550

* 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
2011	1,272,964	618,368	1,891,332	2:00 PM	79,651	74,774	154,425	1:00pm

* Estimated CBD resident and vehicle figures for 2004-2011 based on most current data available.

TABLE 5
TOTAL PUBLIC TRANSIT PASSENGERS AND BICYCLISTS
ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY, 2001-2011

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
BUS PASSENGERS											
60TH STREET SECTOR											
FDR DRIVE	-	-	-	-	-	-	-	-	-	-	-
YORK AVENUE	8,906	6,898	6,230	6,541	5,688	6,436	6,476	5,694	4,998	4,601	4,292
FIRST AVE/SECOND AVE	21,865	20,885	20,510	20,150	18,879	17,415	17,850	17,111	15,274	18,399	22,739
LEXINGTON AVE/THIRD AVE	22,526	18,587	17,955	18,979	20,032	18,255	16,291	14,904	15,845	14,650	13,519
MADISON AVE/FIFTH AVE	48,185	45,614	45,152	43,660	40,255	40,246	39,208	34,017	31,899	27,976	29,870
CENTRAL PK WEST	-	-	-	3,755	2,311	1,936	1,754	1,773	1,769	1,260	791
EIGHTH AVENUE	8,989	-	4,138	4,937	-	-	-	-	-	-	-
BROADWAY	14,722	12,610	12,296	6,858	13,994	13,751	13,796	12,524	12,501	11,540	7,273
COLUMBUS AVE/AMSTERDAM AVE	5,392	4,572	3,934	4,266	4,447	4,268	3,805	3,809	3,460	3,509	3,350
WEST END AVENUE	2,687	2,119	2,188	2,071	2,176	2,257	2,320	2,306	2,055	2,036	1,845
SECTOR TOTAL	133,272	111,285	112,403	111,217	107,782	104,564	101,500	92,138	87,801	83,971	83,679
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	2,297	3,063	3,478	3,196	3,085	2,725	2,006	1,673	1,624	-	-
MANHATTAN BRIDGE	937	919	1,110	1,055	1,025	966	1,143	1,104	941	-	-
BROOKLYN BATTERY TUNNEL	51,178	57,553	60,257	61,849	54,365	56,585	54,443	54,961	47,103	47,006	42,088
SECTOR TOTAL	54,412	61,535	64,845	66,100	58,475	60,276	57,592	57,738	49,668	47,006	42,088
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	17,625	14,249	14,832	14,099	13,897	13,821	12,503	13,350	11,922	10,477	12,250
QUEENSBORO BRIDGE	20,455	16,855	16,981	17,695	18,943	19,437	30,957	15,999	14,162	11,902	11,980
SECTOR TOTAL	38,080	31,104	31,813	31,794	32,840	33,258	43,460	29,349	26,084	22,379	24,230
NEW JERSEY SECTOR											
HOLLAND TUNNEL	6,144	32,986	32,507	29,165	30,493	30,156	31,254	30,372	39,125	42,516	31,858
LINCOLN TUNNEL	270,831	278,831	284,489	330,936	320,870	323,358	321,901	328,975	329,550	332,382	345,852
SECTOR TOTAL	276,975	311,817	316,996	360,101	351,363	353,514	353,155	359,347	368,675	374,898	377,710
TOTAL BUS PASSENGERS	502,739	515,741	526,057	569,212	550,460	551,612	555,708	538,572	532,228	528,254	527,707

(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, 2001-2011

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
SUBWAY PASSENGERS											
60TH STREET SECTOR											
LEXINGTON AVENUE EXPRESS	312,473	320,534	319,384	307,149	326,309	316,427	333,511	362,887	315,458	336,589	332,854
LEXINGTON AVENUE LOCAL	326,617	317,512	306,344	308,575	325,848	350,220	356,158	375,782	336,156	325,009	333,752
EIGHTH AVENUE EXPRESS	223,484	240,539	223,148	236,076	223,296	254,554	242,080	261,309	239,780	254,352	246,977
EIGHTH AVENUE LOCAL	92,327	96,874	96,184	97,415	99,854	111,892	117,146	121,697	118,594	115,898	118,802
BROADWAY/7TH AVE EXPRESS	107,677	235,167	253,085	270,008	264,220	255,140	260,647	292,986	264,085	266,418	266,070
BROADWAY/7TH AVE LOCAL	293,601	228,164	214,778	210,844	211,275	230,279	235,659	236,796	215,900	218,013	219,082
SECTOR TOTAL	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	1,517,537
BROOKLYN SECTOR											
14TH STREET TUNNEL	159,771	167,472	166,911	179,382	160,273	186,532	218,035	204,379	190,536	195,146	199,221
WILLIAMSBURG BRIDGE	91,843	85,964	90,030	95,669	106,329	110,539	118,793	123,008	106,605	118,869	119,384
RUTGERS TUNNEL	140,095	135,123	127,796	119,608	107,495	120,241	128,915	125,738	119,775	127,514	131,136
MANHATTAN BRIDGE	258,327	227,934	250,242	291,391	305,442	336,620	346,144	375,358	360,574	375,606	361,151
CRANBERRY ST. TUNNEL	230,867	236,495	216,822	220,431	228,917	219,905	235,578	231,465	212,765	225,762	229,748
CLARK ST. TUNNEL	123,423	125,959	126,764	130,665	122,720	128,108	134,326	130,881	135,506	140,989	143,536
MONTAGUE ST. TUNNEL	80,052	82,759	84,107	70,759	62,245	62,832	63,793	65,579	63,028	59,675	63,531
JORALEMON ST. TUNNEL	197,364	164,511	163,787	174,052	159,614	164,618	172,737	177,643	182,529	184,787	182,647
SECTOR TOTAL	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	1,430,354
QUEENS SECTOR											
60TH STREET TUNNEL	249,367	247,699	233,901	222,822	249,282	240,949	257,016	274,258	253,730	264,694	269,524
53RD STREET TUNNEL	340,136	226,569	221,438	232,903	249,751	256,746	260,872	276,661	259,861	273,974	276,546
STEINWAY ST. TUNNEL	225,556	190,391	185,419	205,960	205,100	195,589	224,241	218,535	195,243	201,016	201,130
63RD STREET TUNNEL	13,460	157,410	153,682	151,738	144,357	157,292	171,310	151,162	164,556	171,082	169,055
SECTOR TOTAL	828,519	822,069	794,440	813,423	848,490	850,576	913,439	920,616	873,390	910,766	916,255
NEW JERSEY SECTOR											
PATH DOWNTOWN	-	-	-	67,653	73,373	84,586	107,509	105,271	100,234	106,131	105,804
PATH UPTOWN	179,214	141,266	130,821	100,885	106,054	115,650	121,374	125,041	117,069	126,033	123,861
SECTOR TOTAL	179,214	141,266	130,821	168,538	179,427	200,236	228,883	230,312	217,303	232,164	229,665
TOTAL SUBWAY PASSENGERS	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	4,093,811
SUBURBAN RAIL PASSENGERS											
AMTRAK & MTA METRO-NORTH RR	196,165	188,533	188,550	186,954	193,339	198,206	205,987	209,646	200,396	203,561	210,491
AMTRAK & MTA LIRR	240,322	264,719	225,118	223,836	224,778	230,453	236,865	240,945	229,674	226,428	226,093
AMTRAK & NJ TRANSIT	139,037	155,772	161,029	130,778	143,898	155,850	162,434	160,869	153,209	166,830	158,287
TOTAL RAIL PASSENGERS	575,524	609,024	574,697	541,568	562,015	584,509	605,286	611,460	583,279	596,819	594,871
FERRY PASSENGERS											
MANHATTAN & UPSTATE	670	2	3	-	-	-	97	150	85	-	-
BROOKLYN	-	1,905	1,783	597	342	368	422	905	467	300	1,670
QUEENS	-	474	444	280	280	84	109	116	55	55	109
STATEN ISLAND FERRY	-	64,759	59,360	61,804	63,070	61,118	64,187	71,390	73,146	74,028	64,029 (3)
NEW JERSEY	54,680	61,631	57,668	39,615	36,328	35,004	36,268	32,595	33,860	36,042	36,008
TOTAL FERRY PASSENGRS	55,350	128,771	119,257	102,297	100,020	96,574	101,083	105,156	107,613	110,425	101,816
ROOSEVELT ISLAND TRAMWAY	2,282	2,318	2,364	3,483	4,426	5,535	5,756	6,107	6,200 (2)	(2)	6,174
TOTAL PUBLIC TRANSIT PSGRS	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	5,324,379
BICYCLE	10,982	12,988	17,251	16,931	16,292	22,268	27,859	28,677	42,038	48,557	49,470 (4)

- (1) - The B51 serves the Manhattan bridge and B39 serves the Williamsburg bridge were discontinued in June 2010
 (2) - Data for Roosevelt Island Tramway not available due to closure of the aerial tramway for modernization in 2010
 (3) - Excludes number of Bicyclists
 (4) - Total includes Staten Island Ferry Bicyclists

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 (2001-2011)

SECTOR AND FACILITY	2001		2002		2003			2004			2005			2006			2007			2008			2009			2010			2011		
	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	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	68	63	477
LEXINGTON AVE LOCAL	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	55	54	465
EIGHTH AVE EXPRESS	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	48	46	454
EIGHTH AVE LOCAL	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	38	36	371
B'WAY/7TH AV EXPRESS	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	59	50	453
B'WAY/7TH AV LOCAL	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	43	37	391
AMTRAK/METRO-NORTH	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	120	105	376
SECTOR TOTAL	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	431	391	2,987
BROOKLYN SECTOR																															
14TH STREET TUNNEL	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	44	39	364
WILLIAMSBURG BRIDGE	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	45	45	398
RUTGERS ST. TUNNEL	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	34	34	312
MANHATTAN BRIDGE	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	98	87	762
CRANBERRY ST. TUNNEL	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	55	52	414
CLARK ST. TUNNEL	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	49	45	461
MONTAGUE ST. TUNNEL	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	24	25	233
JORALEMON ST. TUNNEL	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	63	59	471
SECTOR TOTAL	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	412	386	3,415
QUEENS SECTOR																															
60TH STREET TUNNEL	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	60	62	570
53RD STREET TUNNEL	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	62	61	495
STEINWAY ST. TUNNEL	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	69	59	462
63RD STREET TUNNEL	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	39	39	302
AMTRAK/LIRR TUNNEL	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	86	79	310
SECTOR TOTAL	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	316	300	2,139
NEW JERSEY SECTOR																															
PATH DOWNTOWN TUNNEL	-	-	-	-	-	-	-	48	50	357	60	58	390	64	63	381	65	65	388	65	65	388	63	65	378	66	65	377	66	65	377
PATH UPTOWN TUNNEL	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	56	58	403
AMTRAK/NJ TRANSIT TUNNELS	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	65	57	318
SECTOR TOTAL	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	187	180	1,098
GRAND TOTAL	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	1,346	1,257	9,639
SUBTOTAL, NYCT	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	953	893	7,855

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 (2001-2011)

SECTOR AND FACILITY	2001		2002		2003			2004			2005			2006			2007			2008			2009			2010			2011		
	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	A.M. PEAK	P.M. PEAK	OFF PEAK
60TH STREET SECTOR																															
IRT LEXINGTON AVE EXPRESS	1280	4820	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	680	630	4,770
IRT LEXINGTON AVE LOCAL	1010	4300	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	550	540	4,650
IND EIGHT AVE EXPRESS	678	2990	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	384	368	3,632
IND EIGHT AVE LOCAL	568	2760	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	304	288	2,968
IRT BWAY/7TH AV EXPRESS	530	2070	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	590	500	4,530
IRT BWAY/7TH AV LOCAL	1180	5780	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	430	370	3,910
AMTRAK/METRO-NORTH	1526	2093	1,494	2,179	823	671	2,174	812	671	2,194	842	697	2,306	835	718	2,536	851	731	2,601	864	744	2,648	856	726	2,588	826	709	2,517	849	736	2,622
SECTOR TOTAL	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	3,787	3,432	27,082
BROOKLYN SECTOR																															
BMT 14TH STREET TUNNEL	592	2448	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	352	312	2,912
BMT WILLIAMSBURG BRIDGE	696	2856	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	360	360	3,184
IND RUTGERS ST. TUNNEL	592	2472	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	340	340	3,120
BMT MANHATTAN BRIDGE	1224	4666	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	882	780	6,862
IND CRANBERRY ST. TUNNEL	995	3253	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	440	416	3,312
IRT CLARK ST. TUNNEL	960	5390	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	490	450	4,610
BMT MONTAGUE ST. TUNNEL	860	3942	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	192	200	1,952
IRT JORALEMON ST. TUNNEL	1230	4040	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	630	590	4,710
SECTOR TOTAL	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	3,686	3,448	30,662
QUEENS SECTOR																															
BMT 60TH STREET TUNNEL	1070	4604	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	552	574	5,314
IND 53RD STREET TUNNEL	1298	5218	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	574	566	4,602
IRT STEINWAY ST. TUNNEL	1452	5005	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	759	649	5,082
63RD STREET TUNNEL	250	1480	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	390	390	3,020
AMTRAK/LIRR TUNNEL	1514.466	3073.534	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	860	820	3,136
SECTOR TOTAL	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	3,135	2,999	21,154
NEW JERSEY SECTOR																															
PATH DOWNTOWN TUNNEL								336	350	2,499	420	406	2,730	448	441	2,667	1,358	1,358	0	455	455	2,716	441	455	2,646	462	455	2,639	528	520	3,016
PATH UPTOWN TUNNEL	483	1965.83	483	1,551	252	231	1,952	399	378	3,017	420	427	2,807	420	420	2,821	1,407	1,414	0	420	413	2,821	420	406	2,814	420	406	2,800	392	406	2,821
AMTRAK/NJ TRANSIT TUNNELS	948	2043.987	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	542	468	2,537
SECTOR TOTAL	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	1,462	1,394	8,374
GRAND TOTAL	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	12,070	11,273	87,272
TOTAL, NYCTA	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	8,899	8,323	73,140

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 (2001-2011)
(in square feet)

MODE / YEAR	2001	2002	2003	2004	2005	2006	2007**	2008**	2009	2010	2011
60TH STREET SECTOR											
SUBWAY-EXPRESS	4.8	4.7	4.8	5.0	5.3	5.3	4.8	4.5	5.3	4.9	5.7
SUBWAY-LOCAL	5.8	6.6	6.2	6.3	5.8	6.2	5.6	5.7	7.0	6.3	6.3
SUBURBAN RAIL	9.8	10.0	10.2	7.4	7.3	7.3	7.2	7.1	7.3	7.1	7.1
BUS	7.2	9.1	8.9	9.6	9.4	9.6	9.8	11.8	11.3	11.0	9.2
SECTOR AVERAGE	6.1	6.6	6.5	6.4	6.3	6.4	5.7	5.6	6.5	5.9	6.3
BROOKLYN SECTOR											
SUBWAY	6.2	6.5	6.9	6.6	7.3	7.1	5.6	5.6	5.4	5.5	5.7
BUS	8.3	7.7	7.6	7.4	8.1	7.6	7.8	8.8	8.5	7.2	7.8
SECTOR AVERAGE	6.4	6.6	7.0	6.6	7.4	7.1	5.7	5.8	5.5	5.6	5.8
QUEENS SECTOR											
SUBWAY	12.1	5.7	5.7	5.3	5.8	5.4	5.0	5.3	6.0	6.2	5.9
SUBURBAN RAIL	8.1	9.6	8.9	5.1	6.7	6.4	6.5	6.5	6.9	6.9	7.0
BUS	8.2	9.9	9.0	8.8	8.9	8.9	8.9	10.3	10.7	10.6	9.7
SECTOR AVERAGE	10.8	7.1	6.8	6.1	6.5	6.2	5.5	5.8	6.4	6.5	6.3
NEW JERSEY SECTOR											
SUBWAY	2.4	1.2	1.7	9.0	10.0	9.2	4.3	4.3	4.9	4.8	4.9
SUBURBAN RAIL	8.7	7.5	8.0	7.6	7.0	5.5	6.5	7.0	6.9	7.5	6.3
BUS	9.7	9.5	9.3	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1
SECTOR AVERAGE	6.9	4.8	5.2	8.6	9.1	8.3	6.9	7.0	7.3	7.3	7.0
STATEN ISLAND FERRY	N/A	11.2	12.7	12.7	12.9	13.3	17.7	12.8	12.7	12.8	14.9
ROOSEVELT ISLAND TRAMWAY	16.1	11.5	11.3	6.2	5.5	4.7	4.1	4.2	4.3	-	4.1
ALL TRANSIT MODES	7.5	6.3	6.4	6.9	7.2	6.8	5.9	6.0	6.4	6.2	6.3

* 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 (2001-2011)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
BUS PASSENGERS											
EXPRESS BUS											
NEW YORK CITY	55,339	51,667	53,510	57,102	53,181	54,809	50,990	52,911	43,841	46,857	48,281
WEST OF HUDSON	137,019	153,030	152,374	179,408	181,272	183,782	186,838	190,979	190,548	193,768	187,382
NORTH OF NYC	1,972	1,943	1,944	1,556	1,432	1,508	1,404	1,092	1,038	424	305
TOTAL EXPRESS BUS	194,330	206,640	207,828	238,066	235,885	240,099	239,232	244,982	235,427	241,049	235,968
LOCAL BUS	60,438	53,840	52,897	47,584	44,170	43,909	51,664	39,102	38,339	27,614	27,138
TOTAL BUS PASSENGERS	254,768	260,480	260,725	285,650	280,055	284,008	290,896	284,084	273,766	268,663	263,106
NUMBER OF BUSES											
EXPRESS BUS											
NEW YORK CITY	1,674	1,672	1,617	1,800	1,754	1,763	1,733	2,038	1,671	1,678	1,603
WEST OF HUDSON	6,682	7,318	7,281	7,227	7,318	7,388	7,529	7,627	7,687	7,838	7,664
NORTH OF NYC	112	108	109	89	89	89	84	104	92	34	26
TOTAL EXPRESS BUS	8,468	9,098	9,007	9,116	9,161	9,240	9,346	9,769	9,450	9,550	9,293
LOCAL BUS	2,967	2,876	2,867	2,521	2,414	2,372	2,530	2,290	2,389	1,872	1,799
TOTAL BUSES	11,435	11,974	11,874	11,637	11,575	11,612	11,876	12,059	11,839	11,422	11,092

TABLE 10
TOTAL PERSONS ENTERING AND LEAVING THE HUB BY AUTO, TAXI, VAN AND TRUCK
ON A FALL BUSINESS DAY (2001-2011)

VEHICLE OCCUPANTS / LOCATION	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
60TH STREET SECTOR											
EAST OF CENTRAL PARK											
FDR DRIVE	142,087	179,996	195,028	184,210	208,986	200,428	200,860	188,080	191,120	195,320	189,231
YORK AVENUE	53,714	52,795	54,045	45,171	41,246	44,385	46,082	43,955	45,159	45,796	45,235
SECOND AND FIRST AVENUES	119,025	113,038	110,861	103,270	113,288	117,836	114,985	110,593	113,193	104,044	110,739
QNSBORO BR RAMP	55,154	59,216	61,270	56,158	43,922	45,768	41,472	39,265	42,088	43,470	45,194
LEXINGTON AND THIRD AVENUES	87,233	79,277	88,612	80,565	83,608	82,515	79,543	75,900	79,201	76,017	75,792
PARK AVENUE	64,933	58,840	63,159	61,350	65,037	67,079	63,508	60,417	59,752	61,661	63,233
FIFTH AND MADISON AVENUES	95,297	85,483	87,504	88,839	83,804	83,649	76,002	74,404	74,272	79,140	77,917
SUBTOTAL	617,442	628,646	660,479	619,561	639,893	641,661	622,452	592,615	604,785	605,448	607,341
CENTRAL PARK DRIVES	28,510	34,755	36,048	57,160	50,851	42,780	14,926	13,622	13,036	13,302	12,988
WEST OF CENTRAL PARK											
EIGHTH AVE/CENTRAL PARK WEST *	23,086	-	-	-	-	-	26,134	25,462	25,310	27,141	27,717
BROADWAY	68,288	62,244	54,393	59,095	44,028	42,123	42,415	41,369	38,068	42,609	43,877
COLUMBUS AND AMSTERDAM AVE.	76,757	82,839	83,994	79,992	68,381	66,209	65,804	65,823	67,047	65,337	71,203
WEST END AVENUE	32,835	34,730	36,110	33,958	38,358	36,469	36,700	35,457	35,592	34,991	36,227
WEST SIDE HIGHWAY	119,680	139,403	153,378	153,633	148,761	148,250	141,300	131,664	133,185	134,233	127,418
SUBTOTAL	320,647	319,216	327,875	326,678	299,529	293,051	312,353	299,775	299,202	304,311	306,442
SECTOR TOTAL	966,599	982,617	1,024,403	1,003,398	990,272	977,492	949,731	906,012	917,023	923,061	926,771
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	163,663	214,027	206,465	217,812	135,358	135,449	139,723	134,976	136,911	140,873	131,280
MANHATTAN BRIDGE	106,404	96,355	107,661	115,525	109,626	101,481	99,788	96,103	98,074	101,963	116,178
BROOKLYN BRIDGE	131,303	165,507	183,811	186,110	166,567	160,187	165,751	156,084	157,799	156,005	133,844
BROOKLYN BATTERY TUNNEL	16,387	66,765	66,031	63,877	54,417	64,039	63,068	49,293	57,879	62,142	57,484
SECTOR TOTAL	417,757	542,653	563,968	583,323	465,967	461,156	468,330	436,456	450,663	460,983	438,786
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	105,652	122,837	126,728	129,240	123,179	128,849	126,458	120,133	123,794	126,930	125,129
QUEENSBORO BRIDGE	261,233	262,685	275,471	269,252	216,163	225,090	219,237	213,179	217,752	215,219	221,920
SECTOR TOTAL	366,885	385,522	402,199	398,492	339,341	353,939	345,696	333,312	341,546	342,149	347,049
NEW JERSEY SECTOR											
HOLLAND TUNNEL	54,247	110,198	121,170	115,095	114,853	116,648	119,016	110,113	109,834	117,204	105,854
LINCOLN TUNNEL	142,395	174,775	170,409	167,730	157,300	158,284	151,391	136,940	117,907	137,517	124,271
SECTOR TOTAL	196,643	284,974	291,517	282,825	272,153	274,932	270,407	247,053	227,741	254,721	230,125
STATEN ISLAND FERRY **	-	-	-	-	-	-	-	-	-	-	-
TOTAL, ALL FACILITIES	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	1,942,731

* 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 (2001-2011)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
EAST OF CENTRAL PARK											
FDR DRIVE	121,933	154,272	154,272	157,793	160,090	153,542	154,252	144,425	146,660	149,789	145,149
YORK AVENUE	40,120	39,450	40,429	34,091	34,335	34,570	36,268	34,560	35,473	35,883	35,656
SECOND AND FIRST AVENUES	95,691	90,743	88,942	82,610	85,499	89,217	86,933	83,584	85,394	77,900	83,584
QUEENSBORO BRIDGE RAMP	35,165	37,439	38,808	35,510	36,509	37,970	34,439	32,645	34,937	36,093	37,528
LEXINGTON AND THIRD AVENUES	68,192	61,956	69,460	63,260	62,119	61,263	59,311	56,583	59,010	56,808	56,719
PARK AVENUE	50,022	45,366	48,512	47,020	45,071	46,594	44,024	41,905	41,377	42,723	43,697
FIFTH AND MADISON AVENUES	64,648	58,412	59,369	58,460	55,422	55,420	50,399	49,350	49,192	52,390	51,638
SUBTOTAL	475,771	487,638	499,792	478,744	479,045	478,576	465,626	443,052	452,043	451,586	453,971
CENTRAL PARK DRIVES	15,520	18,902	19,645	19,434	13,433	9,445	8,156	7,420	7,301	7,417	7,248
WEST OF CENTRAL PARK											
CENTRAL PARK WEST	16,194	16,590	14,642	14,519	15,081	14,440	14,774	14,371	14,302	15,330	15,660
BROADWAY	40,535	40,535	40,535	35,066	32,814	31,391	31,624	30,800	28,462	31,795	32,706
COLUMBUS AND AMSTERDAM AVES.	54,387	58,770	59,552	56,531	51,725	50,080	49,800	49,822	50,707	49,447	53,847
WEST END AVENUE	25,794	27,431	28,435	26,787	26,668	25,348	25,514	24,644	24,750	24,337	25,203
WEST SIDE HIGHWAY	95,063	110,993	122,107	122,484	129,678	129,311	123,231	114,848	116,285	117,143	111,227
SUBTOTAL	231,973	254,319	265,271	255,387	255,966	250,570	244,943	234,485	234,506	238,052	238,643
SECTOR TOTAL	723,264	760,859	784,708	753,565	748,444	738,591	718,725	684,957	693,850	697,055	699,862
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	82,013	103,175	100,062	110,360	106,865	106,869	110,412	106,647	108,077	111,189	103,590
MANHATTAN BRIDGE	72,998	66,087	73,699	79,062	80,303	74,554	73,139	70,276	71,872	74,777	85,392
BROOKLYN BRIDGE	95,586	121,145	134,444	137,563	132,210	126,805	131,551	123,781	125,021	123,640	105,820
BROOKLYN BATTERY TUNNEL	12,213	55,374	54,649	52,839	47,476	55,840	54,989	43,010	50,440	54,097	49,967
SECTOR TOTAL	262,810	345,781	362,854	379,824	366,854	364,068	370,091	343,714	355,410	363,703	344,769
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	72,256	82,279	84,865	86,057	85,521	89,435	87,792	83,481	85,704	88,231	86,730
QUEENSBORO BRIDGE	175,470	175,437	184,008	179,515	177,678	185,199	180,326	175,299	179,125	176,903	182,611
SECTOR TOTAL	247,726	257,716	268,873	265,572	263,199	274,634	268,118	258,780	264,829	265,134	269,341
NEW JERSEY SECTOR											
HOLLAND TUNNEL	43,121	91,010	99,608	94,956	95,675	97,146	99,146	91,186	91,508	97,658	88,186
LINCOLN TUNNEL	94,407	117,363	115,187	112,105	113,636	114,363	109,434	99,043	85,462	99,538	90,020
SECTOR TOTAL	137,528	208,374	214,795	207,061	209,311	211,509	208,580	190,228	176,970	197,196	178,206
STATEN ISLAND FERRY	-	-	-	-	-	-	-	-	-	-	-
TOTAL, ALL FACILITIES	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	1,492,178

TABLE 12
REVERSE TRAVEL FROM THE HUB DURING AM PEAK PERIOD (7AM - 10AM)
ON A FALL BUSINESS DAY (1979-2011), 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	2011
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	216,599
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	94,256
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	65,530
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	64,855
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	2,204
ROOSEVELT ISLAND	125	163	117	124	134	101	59	60	139	208	241	196	222	-	-	272
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	443,716
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	134,452
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	32,734
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	253,959
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	16,893
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	3,247
TRAMWAY	125	163	117	124	134	101	59	60	139	208	241	196	222	202	0	272
BICYCLE	1,014	769	929	900	548	495	865	1,397	964	925	1,039	1,063	1,276	1,850	1,977	2,159
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	443,716

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	2011	2010/ 2003	2010/ 2004	2010/ 2005	2010/ 2006	2010/ 2007	2010/ 2008	2010/ 2009	2011/ 2010
CONNECTICUT REGION																	
3 COUNTIES	1,920	1,924	1,925	1,926	1,929	1,929	1,938	1,969	1,976	2.6%	2.4%	2.3%	2.3%	2.1%	2.1%	1.6%	0.3%
census figures																	
NEW JERSEY																	
9 COUNTIES	5,518	5,527	5,527	5,520	5,529	5,519	5,531	5,617	5,644	1.8%	1.6%	1.6%	1.8%	1.6%	1.8%	1.6%	0.5%
NEW YORK STATE																	
MANHATTAN CBD*	570	573	583	590	597	617	621	619	618	8.6%	8.1%	6.2%	5.0%	3.7%	0.4%	-0.3%	-0.1%
NYC REMAINDER	7,574	7,612	7,631	7,661	7,678	7,747	7,771	7,556	7,627	-0.2%	-0.7%	-1.0%	-1.4%	-1.6%	-2.5%	-2.8%	0.9%
7 SUBURBAN COUNTIES	4,783	4,795	4,787	4,779	4,777	4,888	4,908	4,864	4,887	1.7%	1.4%	1.6%	1.8%	1.8%	-0.5%	-0.9%	0.5%
TOTAL	12,927	12,979	13,001	13,030	13,052	13,252	13,300	13,039	13,132	0.9%	0.5%	0.3%	0.1%	-0.1%	-1.6%	-2.0%	0.7%
TOTAL REGION	20,365	20,430	20,453	20,476	20,510	20,699	20,769	20,625	20,752	1.3%	1.0%	0.8%	0.7%	0.6%	-0.4%	-0.7%	0.6%

* 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.
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	2011	2010/ 2003	2010/ 2004	2010/ 2005	2010/ 2006	2010/ 2007	2010/ 2008	2010/ 2009	2011/ 2010
CONNECTICUT REGION																	
3 COUNTIES	837	842	839	853	862	847	809	805	812	-3.8%	-4.4%	-4.1%	-5.7%	-6.6%	-5.0%	-0.5%	0.9%
NEW JERSEY																	
9 COUNTIES	2,557	2,558	2,562	2,587	2,614	2,559	2,447	2,475	2,420	-3.2%	-3.3%	-3.4%	-4.3%	-5.3%	-3.3%	1.1%	-2.2%
NEW YORK STATE																	
MANHATTAN CBD*	2,055	2,064	2,217	2,241	2,265	2,288	2,204	2,260	2,235	10.0%	9.5%	1.9%	0.8%	-0.2%	-1.2%	2.5%	-1.1%
NYC REMAINDER	1,384	1,404	1,297	1,340	1,414	1,391	1,364	1,448	1,429	4.6%	3.1%	11.7%	8.1%	2.4%	4.1%	6.2%	-1.3%
7 SUBURBAN COUNTIES	1,990	2,016	2,018	2,047	2,070	2,035	1,962	2,020	1,978	1.5%	0.2%	0.1%	-1.3%	-2.4%	-0.7%	3.0%	-2.1%
TOTAL	5,429	5,484	5,532	5,629	5,749	5,714	5,530	5,728	5,643	5.5%	4.5%	3.6%	1.8%	-0.4%	0.3%	3.6%	-1.5%
REGION TOTAL	8,823	8,884	8,933	9,069	9,225	9,120	8,785	9,008	8,875	2.1%	1.4%	0.8%	-0.7%	-2.4%	-1.2%	2.5%	-1.5%

* 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.
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 - 2011

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TABLE 14 A
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2011
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
	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	7,385	-	-	-	-	-	-	-	-	-	7,385
York Avenue	944	-	-	-	362	-	-	-	-	362	1,306
First Avenue	-	-	-	-	-	-	-	-	2	2	2
Second Avenue	2,841	-	-	1,077	210	-	-	-	117	1,404	4,245
Third Avenue	-	-	-	-	-	-	-	-	2	2	2
Lexington Avenue- IRT	1,825	25,600	23,912	155	551	-	-	-	57	50,275	52,100
Park Ave	2,093	-	-	-	-	33,074	-	-	13	33,087	35,180
Madison Avenue	-	-	-	-	-	-	-	-	-	-	-
Fifth Avenue	2,756	-	-	1,399	1,190	-	-	-	82	2,671	5,427
Sixth Avenue	-	-	-	-	-	-	-	-	4	4	4
Seventh Avenue	1,560	-	-	-	-	-	-	-	58	58	1,618
Broadway	1,646	21,136	15,585	54	524	-	-	-	102	37,401	39,047
Eight Ave	-	20,374	8,827	-	-	-	-	-	1	29,202	29,202
Columbus Avenue	2,064	-	-	-	123	-	-	-	71	194	2,258
Amsterdam Avenue	-	-	-	-	-	-	-	-	1	1	1
West End Avenue	1,414	-	-	-	186	-	-	-	29	215	1,629
West Side Highway	4,916	-	-	-	-	204	-	-	3	207	5,123
Hudson River Greenway	-	-	-	-	-	-	-	-	390	390	390
Queensboro Bridge Ramp	-	-	-	-	-	-	-	-	-	-	-
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	29,444	67,110	48,324	2,685	3,146	33,278	-	-	932	155,475	184,919
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	17,985	-	-	-	-	-	-	17,985	17,985
Williamsburg Bridge-BMT	3,564	-	12,515	-	-	-	-	-	505	13,020	16,584
Rutgers Tunnel-IND	-	-	12,227	-	-	-	-	-	-	12,227	12,227
Manhattan Bridge-BMT	3,173	22,460	18,878	-	-	-	-	-	468	41,806	44,979
Brooklyn Bridge	4,496	-	-	-	-	-	-	-	223	223	4,719
Cranberry Tunnel-IND	-	-	23,427	-	-	-	-	-	-	23,427	23,427
Clark Tunnel-IRT	-	-	13,797	-	-	-	-	-	-	13,797	13,797
Montague Tunnel-BMT	-	-	6,608	-	-	-	-	-	-	6,608	6,608
Joralemon Tunnel-IRT	-	-	19,322	-	-	-	-	-	-	19,322	19,322
Brooklyn Battery Tunnel	3,082	-	-	7,071	-	-	-	-	-	7,071	10,153
All Ferry Points	-	-	-	-	-	-	141	-	-	141	141
SECTOR TOTAL	14,315	22,460	124,759	7,071	-	-	141	-	1,196	155,627	169,942
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	16,075	-	-	-	-	-	-	16,075	16,075
Sixtieth St. Tunnel-BMT/IND	-	-	25,076	-	-	-	-	-	-	25,076	25,076
Queensboro Bridge-Tramway	7,114	-	-	-	204	-	-	587	316	1,107	8,221
Fifty-Third St. Tunnel-IND	-	-	26,907	-	-	-	-	-	-	26,907	26,907
Steinway Tunnel-IRT	-	-	19,241	-	-	-	-	-	-	19,241	19,241
Queens Midtown Tunnel-IRT	4,199	-	-	4,106	-	-	-	-	-	4,106	8,305
Amtrak/LIRR Tunnels	-	-	-	-	-	33,569	-	-	-	33,569	33,569
All Ferry Points	-	-	-	-	-	-	8	-	-	8	8
SECTOR TOTAL	11,313	-	87,299	4,106	204	33,569	8	587	316	126,089	137,402
NEW JERSEY SECTOR											
Lincoln Tunnel	4,520	-	-	31,556	-	-	-	-	-	31,556	36,076
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	21,011	-	-	-	21,011	21,011
Uptown Path Tunnel	-	-	15,667	-	-	-	-	-	-	15,667	15,667
Holland Tunnel	3,332	-	-	2,061	-	-	-	-	-	2,061	5,393
Downtown Path Tunnel	-	-	11,639	-	-	-	-	-	-	11,639	11,639
All Ferry Points	-	-	-	-	-	-	6,100	-	-	6,100	6,100
SECTOR TOTAL	7,852	-	27,306	33,617	-	21,011	6,100	-	-	88,034	95,886
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	5,363	-	5	5,368	5,368
TOTAL, ALL SECTORS	62,924	89,570	287,688	47,479	3,350	87,858	11,612	587	2,449	530,593	593,517

TABLE 14 B
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2011
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	21,411	-	-	-	-	-	-	-	-	-	21,411
York Avenue	2,713	-	-	-	871	-	-	-	-	871	3,584
First Avenue	-	-	-	-	-	-	-	-	2	2	2
Second Avenue	8,252	-	-	2,773	626	-	-	-	307	3,706	11,958
Third Avenue	-	-	-	-	-	-	-	-	2	2	2
Lexington Avenue- IRT	5,079	61,262	50,228	466	1,234	-	-	-	132	113,322	118,401
Park Ave	5,545	-	-	-	-	66,147	-	-	32	66,179	71,724
Madison Avenue	-	-	-	-	-	-	-	-	2	2	2
Fifth Avenue	8,032	-	-	3,837	2,683	-	-	-	231	6,751	14,783
Sixth Avenue	-	-	-	-	-	-	-	-	12	12	12
Seventh Avenue	3,076	-	-	-	-	-	-	-	157	157	3,233
Broadway	4,644	47,602	33,895	178	1,144	-	-	-	247	83,066	87,710
Eight Ave	-	48,129	18,886	-	-	-	-	-	5	67,020	67,020
Columbus Avenue	5,608	-	-	-	299	-	-	-	182	481	6,089
Amsterdam Avenue	-	-	-	-	-	-	-	-	1	1	1
West End Avenue	3,924	-	-	-	334	-	-	-	68	402	4,326
West Side Highway	14,480	-	-	-	-	507	-	-	5	512	14,992
Hudson River Greenway	-	-	-	-	-	-	-	-	956	956	956
Queensboro Bridge Ramp	-	-	-	-	-	-	-	-	-	-	-
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	82,764	156,993	103,009	7,254	7,191	66,654	-	-	2,341	343,442	426,206
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	41,595	-	-	-	-	-	-	41,595	41,595
Williamsburg Bridge-BMT	10,415	-	29,086	-	-	-	-	-	1,243	30,329	40,744
Rutgers Tunnel-IND	-	-	27,307	-	-	-	-	-	-	27,307	27,307
Manhattan Bridge-BMT	9,280	46,953	43,996	-	-	-	-	-	1,186	92,135	101,415
Brooklyn Bridge	12,882	-	-	-	-	-	-	-	538	538	13,420
Cranberry Tunnel-IND	-	-	53,638	-	-	-	-	-	-	53,638	53,638
Clark Tunnel-IRT	-	-	30,872	-	-	-	-	-	-	30,872	30,872
Montague Tunnel-BMT	-	-	13,536	-	-	-	-	-	-	13,536	13,536
Joralemon Tunnel-IRT	-	-	42,892	-	-	-	-	-	-	42,892	42,892
Brooklyn Battery Tunnel	8,373	-	-	15,572	-	-	-	-	-	15,572	23,945
All Ferry Points	-	-	-	-	-	-	172	-	-	172	172
SECTOR TOTAL	40,950	46,953	282,922	15,572	-	-	172	-	2,967	348,586	389,536
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	36,653	-	-	-	-	-	-	36,653	36,653
Sixtieth St. Tunnel-BMT/IND	-	-	57,853	-	-	-	-	-	-	57,853	57,853
Queensboro Bridge-Tramway	20,837	-	-	-	519	-	-	1,341	832	2,692	23,529
Fifty-Third St. Tunnel-IND	-	-	62,393	-	-	-	-	-	-	62,393	62,393
Steinway Tunnel-IRT	-	-	43,973	-	-	-	-	-	-	43,973	43,973
Queens Midtown Tunnel-IRT	13,031	-	-	8,780	-	-	-	-	-	8,780	21,811
Amtrak/LIRR Tunnels	-	-	-	-	-	71,074	-	-	-	71,074	71,074
All Ferry Points	-	-	-	-	-	-	10	-	-	10	10
SECTOR TOTAL	33,868	-	200,872	8,780	519	71,074	10	1,341	832	283,428	317,296
NEW JERSEY SECTOR											
Lincoln Tunnel	13,981	-	-	79,156	-	-	-	-	-	79,156	93,137
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	44,796	-	-	-	44,796	44,796
Uptown Path Tunnel	-	-	31,967	-	-	-	-	-	-	31,967	31,967
Holland Tunnel	9,652	-	-	5,343	-	-	-	-	-	5,343	14,995
Downtown Path Tunnel	-	-	24,654	-	-	-	-	-	-	24,654	24,654
All Ferry Points	-	-	-	-	-	-	12,500	-	-	12,500	12,500
SECTOR TOTAL	23,633	-	56,621	84,499	-	44,796	12,500	-	-	198,416	222,049
STATEN ISLAND FERRY, BICYCLE											
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	12,851	-	21	12,872	12,872
TOTAL, ALL SECTORS	181,215	203,946	643,424	116,105	7,710	182,524	25,533	1,341	6,161	1,186,744	1,367,959

TABLE 14 C
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2011
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	109,737	-	-	-	-	-	-	-	-	-	109,737
York Avenue	22,737	-	-	-	2,537	-	-	-	-	2,537	25,274
First Avenue	-	-	-	-	-	-	-	-	66	66	66
Second Avenue	65,142	-	-	7,723	3,292	-	-	-	1,974	12,989	78,131
Third Avenue	-	-	-	-	-	-	-	-	45	45	45
Lexington Avenue- IRT	31,168	168,428	167,843	994	5,112	-	-	-	1,335	343,712	374,880
Park Ave	29,668	-	-	-	-	104,198	-	-	601	104,799	134,467
Madison Avenue	-	-	-	-	-	-	-	-	36	36	36
Fifth Avenue	43,453	-	-	6,840	8,505	-	-	-	1,882	17,227	60,680
Sixth Avenue	-	-	-	-	-	-	-	-	180	180	180
Seventh Avenue	3,076	-	-	-	-	-	-	-	1,226	1,226	4,302
Broadway	25,919	137,048	109,998	346	3,287	-	-	-	1,563	252,242	278,161
Eight Ave	-	124,916	62,599	-	-	-	-	-	155	187,670	187,670
Columbus Avenue	37,026	-	-	-	1,439	-	-	-	2,109	3,548	40,574
Amsterdam Avenue	-	-	-	-	-	-	-	-	72	72	72
West End Avenue	22,902	-	-	-	991	-	-	-	461	1,452	24,354
West Side Highway	65,675	-	-	-	-	1,911	-	-	37	1,948	67,623
Hudson River Greenway	-	-	-	-	-	-	-	-	3,528	3,528	3,528
Queensboro Bridge Ramp	-	-	-	-	-	-	-	-	-	-	-
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	456,503	430,392	340,440	15,903	25,163	106,109	-	-	15,270	933,277	1,389,780
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	92,347	-	-	-	-	-	-	92,347	92,347
Williamsburg Bridge-BMT	65,318	-	63,884	-	-	-	-	-	3,013	66,897	132,215
Rutgers Tunnel-IND	-	-	64,967	-	-	-	-	-	-	64,967	64,967
Manhattan Bridge-BMT	53,325	88,103	94,786	-	-	-	-	-	2,767	185,656	238,981
Brooklyn Bridge	60,478	-	-	-	-	-	-	-	1,213	1,213	61,691
Cranberry Tunnel-IND	-	-	120,623	-	-	-	-	-	-	120,623	120,623
Clark Tunnel-IRT	-	-	72,402	-	-	-	-	-	-	72,402	72,402
Montague Tunnel-BMT	-	-	30,593	-	-	-	-	-	-	30,593	30,593
Joralemon Tunnel-IRT	-	-	97,871	-	-	-	-	-	-	97,871	97,871
Brooklyn Battery Tunnel	29,307	-	-	21,848	-	-	-	-	-	21,848	51,155
All Ferry Points	-	-	-	-	-	-	952	-	-	952	952
SECTOR TOTAL	208,428	88,103	637,473	21,848	-	-	952	-	6,993	755,369	963,797
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	83,372	-	-	-	-	-	-	83,372	83,372
Sixtieth St. Tunnel-BMT/IND	-	-	134,158	-	-	-	-	-	-	134,158	134,158
Queensboro Bridge-Tramway	106,457	-	-	-	1,975	-	-	3,037	2,223	7,235	113,692
Fifty-Third St. Tunnel-IND	-	-	142,241	-	-	-	-	-	-	142,241	142,241
Steinway Tunnel-IRT	-	-	95,437	-	-	-	-	-	-	95,437	95,437
Queens Midtown Tunnel-IRT	65,924	-	-	10,835	-	-	-	-	-	10,835	76,759
Amtrak/LIRR Tunnels	-	-	-	-	-	114,096	-	-	-	114,096	114,096
All Ferry Points	-	-	-	-	-	-	56	-	-	56	56
SECTOR TOTAL	172,381	-	455,208	10,835	1,975	114,096	56	3,037	2,223	587,430	759,811
NEW JERSEY SECTOR											
Lincoln Tunnel	62,481	-	-	168,311	-	-	-	-	-	168,311	230,792
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	81,586	-	-	-	81,586	81,586
Uptown Path Tunnel	-	-	61,476	-	-	-	-	-	-	61,476	61,476
Holland Tunnel	51,621	-	-	19,071	-	-	-	-	-	19,071	70,692
Downtown Path Tunnel	-	-	53,868	-	-	-	-	-	-	53,868	53,868
All Ferry Points	-	-	-	-	-	-	19,368	-	-	19,368	19,368
SECTOR TOTAL	114,102	-	115,344	187,382	-	81,586	19,368	-	-	403,680	517,782
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	30,062	-	325	30,387	30,387
TOTAL, ALL SECTORS	951,414	518,495	1,548,465	235,968	27,138	301,791	50,438	3,037	24,811	2,710,143	3,661,557

TABLE 15 A

WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2011
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	4,897	-	-	-	-	-	-	-	-	-	4,897
York Avenue	1,362	-	-	-	110	-	-	-	-	110	1,472
First Avenue	2,572	-	-	1,057	352	-	-	-	113	1,522	4,094
Second Avenue	-	-	-	-	-	-	-	-	6	6	6
Third Avenue	2,392	-	-	54	736	-	-	-	123	913	3,305
Lexington Avenue- IRT	-	22,936	16,896	-	-	-	-	-	-	39,832	39,832
Park Ave	2,288	-	-	-	-	24,317	-	-	44	24,361	26,649
Madison Avenue	1,742	-	-	1,346	1,163	-	-	-	132	2,641	4,383
Fifth Avenue	-	-	-	-	-	-	-	-	5	5	5
Sixth Avenue	1,286	-	-	-	-	-	-	-	182	182	1,468
Seventh Avenue	-	-	-	-	-	-	-	-	4	4	4
Broadway	991	14,718	12,505	33	525	-	-	-	3	27,784	28,775
Eight Ave	1,597	14,936	6,867	-	79	-	-	-	185	22,067	23,664
Columbus Avenue	-	-	-	-	-	-	-	-	12	12	12
Amsterdam Avenue	2,228	-	-	-	126	-	-	-	66	192	2,420
West End Avenue	1,034	-	-	-	183	-	-	-	34	217	1,251
West Side Highway	3,840	-	-	-	-	125	-	-	9	134	3,974
Hudson River Greenway	-	-	-	-	-	-	-	-	344	344	344
Queensboro Bridge Ramp	2,382	-	-	-	-	-	-	-	-	-	2,382
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	28,611	52,590	36,268	2,490	3,274	24,442	-	-	1,262	120,326	148,937
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	14,896	-	-	-	-	-	-	14,896	14,896
Williamsburg Bridge-BMT	4,046	-	8,131	-	-	-	-	-	344	8,475	12,521
Rutgers Tunnel-IND	-	-	9,677	-	-	-	-	-	-	9,677	9,677
Manhattan Bridge-BMT	3,584	14,166	13,533	-	-	-	-	-	321	28,020	31,604
Brooklyn Bridge	4,493	-	-	-	-	-	-	-	134	134	4,627
Cranberry Tunnel-IND	-	-	15,832	-	-	-	-	-	-	15,832	15,832
Clark Tunnel-IRT	-	-	10,455	-	-	-	-	-	-	10,455	10,455
Montague Tunnel-BMT	-	-	5,907	-	-	-	-	-	-	5,907	5,907
Joralemon Tunnel-IRT	-	-	13,666	-	-	-	-	-	-	13,666	13,666
Brooklyn Battery Tunnel	2,946	-	-	4,694	-	-	-	-	-	4,694	7,640
All Ferry Points	-	-	-	-	-	-	109	-	-	109	109
SECTOR TOTAL	15,069	14,166	92,097	4,694	-	-	109	-	799	111,865	126,934
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	13,556	-	-	-	-	-	-	13,556	13,556
Sixtieth St. Tunnel-BMT/IND	-	-	20,145	-	-	-	-	-	-	20,145	20,145
Queensboro Bridge-Tramway	7,516	-	-	2,287	463	-	-	358	270	3,378	10,894
Fifty-Third St. Tunnel-IND	-	-	21,568	-	-	-	-	-	-	21,568	21,568
Steinway Tunnel-IRT	-	-	14,966	-	-	-	-	-	-	14,966	14,966
Queens Midtown Tunnel-IRT	4,590	-	-	518	-	-	-	-	-	518	5,108
Amtrak/LIRR Tunnels	-	-	-	-	-	28,034	-	-	-	28,034	28,034
All Ferry Points	-	-	-	-	-	-	8	-	-	8	8
SECTOR TOTAL	12,106	-	70,235	2,805	463	28,034	8	358	270	102,173	114,279
NEW JERSEY SECTOR											
Lincoln Tunnel	3,907	-	-	26,740	-	-	-	-	-	26,740	30,647
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	16,772	-	-	-	16,772	16,772
Uptown Path Tunnel	-	-	10,639	-	-	-	-	-	-	10,639	10,639
Holland Tunnel	3,430	-	-	2,237	-	-	-	-	-	2,237	5,667
Downtown Path Tunnel	-	-	11,647	-	-	-	-	-	-	11,647	11,647
All Ferry Points	-	-	-	-	-	-	4,035	-	-	4,035	4,035
SECTOR TOTAL	7,337	-	22,286	28,977	-	16,772	4,035	-	-	72,070	79,407
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	4,323	-	9	4,332	4,332
TOTAL, ALL SECTORS	63,123	66,756	220,886	38,966	3,737	69,248	8,475	358	2,340	410,766	473,889

TABLE 15 B
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2011
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	14,339	-	-	-	-	-	-	-	-	-	14,339
York Avenue	4,040	-	-	-	413	-	-	-	-	413	4,453
First Avenue	7,567	-	-	2,558	752	-	-	-	384	3,694	11,261
Second Avenue	-	-	-	-	-	-	-	-	28	28	28
Third Avenue	6,781	-	-	132	2,082	-	-	-	426	2,640	9,421
Lexington Avenue- IRT	-	56,705	42,541	-	-	-	-	-	3	99,249	99,249
Park Ave	6,551	-	-	-	-	53,807	-	-	166	53,973	60,524
Madison Avenue	5,504	-	-	2,976	3,390	-	-	-	331	6,697	12,201
Fifth Avenue	-	-	-	-	-	-	-	-	9	9	9
Sixth Avenue	3,740	-	-	-	-	-	-	-	562	562	4,302
Seventh Avenue	-	-	-	-	-	-	-	-	12	12	12
Broadway	3,085	38,409	31,529	71	1,238	-	-	-	9	71,256	74,341
Eight Ave	4,831	38,337	17,319	-	287	-	-	-	530	56,473	61,304
Columbus Avenue	-	-	-	-	-	-	-	-	62	62	62
Amsterdam Avenue	6,612	-	-	-	495	-	-	-	212	707	7,319
West End Avenue	2,891	-	-	-	350	-	-	-	76	426	3,317
West Side Highway	11,773	-	-	-	-	393	-	-	27	420	12,193
Hudson River Greenway	-	-	-	-	-	-	-	-	1,063	1,063	1,063
Queensboro Bridge Ramp	6,955	-	-	-	-	-	-	-	-	-	6,955
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	84,669	133,451	91,389	5,737	9,007	54,200	-	-	3,900	297,684	382,353
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	39,840	-	-	-	-	-	-	39,840	39,840
Williamsburg Bridge-BMT	11,814	-	20,091	-	-	-	-	-	1,090	21,181	32,995
Rutgers Tunnel-IND	-	-	24,871	-	-	-	-	-	-	24,871	24,871
Manhattan Bridge-BMT	10,837	34,349	35,753	-	-	-	-	-	1,012	71,114	81,951
Brooklyn Bridge	13,282	-	-	-	-	-	-	-	457	457	13,739
Cranberry Tunnel-IND	-	-	39,712	-	-	-	-	-	-	39,712	39,712
Clark Tunnel-IRT	-	-	25,815	-	-	-	-	-	-	25,815	25,815
Montague Tunnel-BMT	-	-	13,492	-	-	-	-	-	-	13,492	13,492
Joralemon Tunnel-IRT	-	-	31,642	-	-	-	-	-	-	31,642	31,642
Brooklyn Battery Tunnel	8,117	-	-	11,526	-	-	-	-	-	11,526	19,643
All Ferry Points	-	-	-	-	-	-	386	-	-	386	386
SECTOR TOTAL	44,050	34,349	231,216	11,526	-	-	386	-	2,559	280,036	324,086
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	33,260	-	-	-	-	-	-	33,260	33,260
Sixtieth St. Tunnel-BMT/IND	-	-	50,512	-	-	-	-	-	-	50,512	50,512
Queensboro Bridge-Tramway	21,143	-	-	4,771	1,003	-	-	1,053	686	7,513	28,656
Fifty-Third St. Tunnel-IND	-	-	53,497	-	-	-	-	-	-	53,497	53,497
Steinway Tunnel-IRT	-	-	37,420	-	-	-	-	-	-	37,420	37,420
Queens Midtown Tunnel-IRT	13,771	-	-	1,122	-	-	-	-	-	1,122	14,893
Amtrak/LIRR Tunnels	-	-	-	-	-	60,506	-	-	-	60,506	60,506
All Ferry Points	-	-	-	-	-	-	28	-	-	28	28
SECTOR TOTAL	34,914	-	174,689	5,893	1,003	60,506	28	1,053	686	243,858	278,772
NEW JERSEY SECTOR											
Lincoln Tunnel	11,321	-	-	69,356	-	-	-	-	-	69,356	80,677
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	38,739	-	-	-	38,739	38,739
Uptown Path Tunnel	-	-	25,849	-	-	-	-	-	-	25,849	25,849
Holland Tunnel	10,394	-	-	5,600	-	-	-	-	-	5,600	15,994
Downtown Path Tunnel	-	-	25,831	-	-	-	-	-	-	25,831	25,831
All Ferry Points	-	-	-	-	-	-	9,715	-	-	9,715	9,715
SECTOR TOTAL	21,715	-	51,680	74,956	-	38,739	9,715	-	-	175,090	196,805
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	12,407	-	34	12,441	12,441
TOTAL, ALL SECTORS	185,348	167,800	548,974	98,112	10,010	153,445	22,536	1,053	7,179	1,009,109	1,194,457

TABLE 15 C
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2011
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	79,494	-	-	-	-	-	-	-	-	-	79,494
York Avenue	22,498	-	-	-	1,755	-	-	-	-	1,755	24,253
First Avenue	45,597	-	-	8,677	3,047	-	-	-	1,555	13,279	58,876
Second Avenue	-	-	-	-	-	-	-	-	78	78	78
Third Avenue	44,624	-	-	278	7,135	-	-	-	1,934	9,347	53,971
Lexington Avenue- IRT	-	164,426	165,909	-	-	-	-	-	26	330,361	330,361
Park Ave	33,565	-	-	-	-	102,523	-	-	640	103,163	136,728
Madison Avenue	34,464	-	-	5,398	9,127	-	-	-	1,137	15,662	50,126
Fifth Avenue	-	-	-	-	-	-	-	-	39	39	39
Sixth Avenue	9,912	-	-	-	-	-	-	-	2,173	2,173	12,085
Seventh Avenue	-	-	-	-	-	-	-	-	69	69	69
Broadway	17,958	129,022	109,084	177	3,463	-	-	-	139	241,885	259,843
Eight Ave	27,717	122,061	56,203	-	791	-	-	-	2,327	181,382	209,099
Columbus Avenue	-	-	-	-	-	-	-	-	303	303	303
Amsterdam Avenue	34,177	-	-	-	1,911	-	-	-	605	2,516	36,693
West End Avenue	13,325	-	-	-	854	-	-	-	320	1,174	14,499
West Side Highway	61,743	-	-	-	-	1,859	-	-	143	2,002	63,745
Hudson River Greenway	-	-	-	-	-	-	-	-	3,567	3,567	3,567
Queensboro Bridge Ramp	45,194	-	-	-	-	-	-	-	-	-	45,194
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	470,268	415,509	331,196	14,530	28,083	104,382	-	-	15,055	908,755	1,379,023
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	106,874	-	-	-	-	-	-	106,874	106,874
Williamsburg Bridge-BMT	65,962	-	55,500	-	-	-	-	-	3,115	58,615	124,577
Rutgers Tunnel-IND	-	-	66,169	-	-	-	-	-	-	66,169	66,169
Manhattan Bridge-BMT	62,853	89,066	89,196	-	-	-	-	-	2,852	181,114	243,967
Brooklyn Bridge	73,366	-	-	-	-	-	-	-	1,256	1,256	74,622
Cranberry Tunnel-IND	-	-	109,125	-	-	-	-	-	-	109,125	109,125
Clark Tunnel-IRT	-	-	71,134	-	-	-	-	-	-	71,134	71,134
Montague Tunnel-BMT	-	-	32,938	-	-	-	-	-	-	32,938	32,938
Joralemon Tunnel-IRT	-	-	84,776	-	-	-	-	-	-	84,776	84,776
Brooklyn Battery Tunnel	28,177	-	-	20,240	-	-	-	-	-	20,240	48,417
All Ferry Points	-	-	-	-	-	-	718	-	-	718	718
SECTOR TOTAL	230,358	89,066	615,712	20,240	-	-	718	-	7,223	732,959	963,317
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	85,683	-	-	-	-	-	-	85,683	85,683
Sixtieth St. Tunnel-BMT/IND	-	-	135,366	-	-	-	-	-	-	135,366	135,366
Queensboro Bridge-Tramway	115,463	-	-	6,473	3,532	-	-	3,137	2,119	15,261	130,724
Fifty-Third St. Tunnel-IND	-	-	134,305	-	-	-	-	-	-	134,305	134,305
Steinway Tunnel-IRT	-	-	105,693	-	-	-	-	-	-	105,693	105,693
Queens Midtown Tunnel-IRT	59,205	-	-	1,415	-	-	-	-	-	1,415	60,620
Amtrak/LIRR Tunnels	-	-	-	-	-	111,997	-	-	-	111,997	111,997
All Ferry Points	-	-	-	-	-	-	53	-	-	53	53
SECTOR TOTAL	174,668	-	461,047	7,888	3,532	111,997	53	3,137	2,119	589,773	764,441
NEW JERSEY SECTOR											
Lincoln Tunnel	61,790	-	-	177,541	-	-	-	-	-	177,541	239,331
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	76,701	-	-	-	76,701	76,701
Uptown Path Tunnel	-	-	62,385	-	-	-	-	-	-	62,385	62,385
Holland Tunnel	54,233	-	-	12,787	-	-	-	-	-	12,787	67,020
Downtown Path Tunnel	-	-	51,936	-	-	-	-	-	-	51,936	51,936
All Ferry Points	-	-	-	-	-	-	16,640	-	-	16,640	16,640
SECTOR TOTAL	116,023	-	114,321	190,328	-	76,701	16,640	-	-	397,990	514,013
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	33,967	-	262	34,229	34,229
TOTAL, ALL SECTORS	991,317	504,575	1,477,380	232,986	31,615	293,080	51,378	3,137	24,659	2,663,706	3,655,023

TABLE 16
WHERE AND WHEN MOTOR VEHICLES ENTERED THE HUB ON A FALL BUSINESS DAY IN 2011

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	5,313	15,476	80,526	-	-	-	5,313	15,476	80,526
YORK AVENUE	835	2,435	20,251	8	22	94	843	2,457	20,345
SECOND AVENUE	2,074	6,142	46,808	21	66	306	2,095	6,208	47,114
QUEENSBORO BRIDGE RAMP	-	-	-	-	-	-	-	-	-
LEXINGTON AVENUE	1,437	4,060	26,397	21	60	355	1,458	4,120	26,752
PARK AVENUE	1,517	4,137	21,682	-	-	-	1,517	4,137	21,682
FIFTH AVENUE	1,593	4,792	28,005	72	206	737	1,665	4,998	28,742
CENTRAL PARK DRIVE AND 7TH AVENUE	857	1,699	1,699	-	-	-	857	1,699	1,699
BROADWAY	1,184	3,365	19,114	34	89	509	1,218	3,454	19,623
COLUMBUS AVENUE	1,529	4,266	28,035	6	17	94	1,535	4,283	28,129
WEST END AVENUE	975	2,683	15,923	6	15	80	981	2,698	16,003
WEST SIDE HIGHWAY	4,552	13,368	58,185	-	-	-	4,552	13,368	58,185
SECTOR TOTAL	21,866	62,423	346,625	168	475	2,175	22,034	62,898	348,800
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	2,874	8,406	52,796	-	-	-	2,874	8,406	52,796
MANHATTAN BRIDGE	2,580	7,500	42,962	-	-	-	2,580	7,500	42,962
BROOKLYN BRIDGE	3,810	11,165	52,815	-	-	-	3,810	11,165	52,815
BROOKLYN BATTERY TUNNEL	2,802	7,586	25,864	172	397	615	2,974	7,983	26,479
SECTOR TOTAL	12,066	34,657	174,437	172	397	615	12,238	35,054	175,052
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	3,230	10,051	48,595	119	264	417	3,349	10,315	49,012
QUEENSBORO BRIDGE	6,133	17,936	89,528	12	37	221	6,145	17,973	89,749
SECTOR TOTAL	9,363	27,987	138,123	131	301	638	9,494	28,288	138,761
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,754	8,155	42,327	61	162	792	2,815	8,317	43,119
LINCOLN TUNNEL	3,299	10,492	46,387	891	2,274	6,872	4,190	12,766	53,259
SECTOR TOTAL	6,053	18,647	88,714	952	2,436	7,664	7,005	21,083	96,378
TOTAL, ALL SECTORS	49,348	143,714	747,899	1,423	3,609	11,092	50,771	147,323	758,991

TABLE 17
WHERE AND WHEN MOTOR VEHICLES LEFT THE HUB ON A FALL BUSINESS DAY IN 2011

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	3,767	11,226	64,623	-	-	-	3,767	11,226	64,623
YORK AVENUE	908	2,713	15,405	6	18	97	914	2,731	15,502
FIRST AVENUE	1,963	5,877	36,776	20	52	305	1,983	5,929	37,081
QUEENSBORO BRIDGE RAMP	1,921	5,493	37,528	-	-	-	1,921	5,493	37,528
THIRD AVENUE	1,441	4,182	30,322	25	73	371	1,466	4,255	30,693
PARK AVENUE	1,430	4,156	22,015	-	-	-	1,430	4,156	22,015
MADISON AVENUE	1,069	3,370	23,633	82	219	728	1,151	3,589	24,361
CENTRAL PARK DRIVE FROM 6TH AVENUE	699	1,998	5,549	-	-	-	699	1,998	5,549
CENTRAL PARK WEST	868	2,571	15,660	9	33	159	877	2,604	15,819
BROADWAY	780	2,371	13,592	25	72	365	805	2,443	13,957
AMSTERDAM AVENUE	1,558	4,597	25,812	4	17	89	1,562	4,614	25,901
WEST END AVENUE	718	1,986	9,280	8	16	84	726	2,002	9,364
WEST SIDE HIGHWAY	3,254	9,977	53,042	-	-	-	3,254	9,977	53,042
SECTOR TOTAL	20,376	60,517	353,237	179	500	2,198	20,555	61,017	355,435
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	3,065	9,040	50,794	-	-	-	3,065	9,040	50,794
MANHATTAN BRIDGE	2,455	7,264	42,430	-	-	-	2,455	7,264	42,430
BROOKLYN BRIDGE	3,304	9,789	53,005	-	-	-	3,304	9,789	53,005
BROOKLYN BATTERY TUNNEL	2,497	6,924	24,103	125	320	627	2,622	7,244	24,730
SECTOR TOTAL	11,321	33,017	170,332	125	320	627	11,446	33,337	170,959
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	2,961	8,772	38,135	13	36	57	2,974	8,808	38,192
QUEENSBORO BRIDGE	6,263	17,790	93,083	97	231	538	6,360	18,021	93,621
SECTOR TOTAL	9,224	26,562	131,218	110	267	595	9,334	26,829	131,813
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,907	8,737	45,859	62	262	531	2,969	8,999	46,390
LINCOLN TUNNEL	2,894	8,324	43,633	640	1,334	6,707	3,534	9,658	50,340
SECTOR TOTAL	5,801	17,061	89,492	702	1,596	7,238	6,503	18,657	96,730
TOTAL, ALL SECTORS	46,722	137,157	744,279	1,116	2,683	10,658	47,838	139,840	754,937

TABLE 18
WHERE AND WHEN BUS PASSENGERS ENTERED THE HUB
ON A FALL BUSINESS DAY IN 2011

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	362	871	2,537	-	-	-	362	871	2,537
SECOND AVENUE	210	626	3,292	1,077	2,773	7,723	1,287	3,399	11,015
LEXINGTON AVENUE	551	1,234	5,112	155	466	994	706	1,700	6,106
FIFTH AVENUE	1,190	2,683	8,505	1,399	3,837	6,840	2,589	6,520	15,345
BROADWAY	524	1,144	3,287	54	178	346	578	1,322	3,633
COLUMBUS AVENUE	123	299	1,439	-	-	-	123	299	1,439
WEST END AVENUE	186	334	991	-	-	-	186	334	991
SECTOR TOTAL	3,146	7,191	25,163	2,685	7,254	15,903	5,831	14,445	41,066
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	-	-	-	-	-	-	-	-	-
MANHATTAN BRIDGE	-	-	-	-	-	-	-	-	-
BROOKLYN BATTERY TUNNEL	-	-	-	7,071	15,572	21,848	7,071	15,572	21,848
SECTOR TOTAL	-	-	-	7,071	15,572	21,848	7,071	15,572	21,848
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	4,106	8,780	10,835	4,106	8,780	10,835
QUEENSBORO BRIDGE	204	519	1,975	-	-	-	204	519	1,975
SECTOR TOTAL	204	519	1,975	4,106	8,780	10,835	4,310	9,299	12,810
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	2,061	5,343	19,071	2,061	5,343	19,071
LINCOLN TUNNEL	-	-	-	31,556	79,156	168,311	31,556	79,156	168,311
SECTOR TOTAL	-	-	-	33,617	84,499	187,382	33,617	84,499	187,382
TOTAL, ALL SECTORS	3,350	7,710	27,138	47,479	116,105	235,968	50,829	123,815	263,106

TABLE 19
WHERE AND WHEN BUS PASSENGERS LEFT THE HUB
ON A FALL BUSINESS DAY IN 2011

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	110	413	1,755	-	-	-	110	413	1,755
FIRST AVENUE	352	752	3,047	1,057	2,558	8,677	1,409	3,310	11,724
THIRD AVENUE	736	2,082	7,135	54	132	278	790	2,214	7,413
MADISON AVENUE	1,163	3,390	9,127	1,346	2,976	5,398	2,509	6,366	14,525
CENTRAL PARK WEST	79	287	791	-	-	-	79	287	791
BROADWAY	525	1,238	3,463	33	71	177	558	1,309	3,640
AMSTERDAM AVENUE	126	495	1,911	-	-	-	126	495	1,911
WEST END AVENUE	183	350	854	-	-	-	183	350	854
SECTOR TOTAL	3,274	9,007	28,083	2,490	5,737	14,530	5,764	14,744	42,613
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	-	-	-	-	-	-	-	-	-
MANHATTAN BRIDGE	-	-	-	-	-	-	-	-	-
BROOKLYN BATTERY TUNNEL	-	-	-	4,694	11,526	20,240	4,694	11,526	20,240
SECTOR TOTAL	-	-	-	4,694	11,526	20,240	4,694	11,526	20,240
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	518	1,122	1,415	518	1,122	1,415
QUEENSBORO BRIDGE	463	1,003	3,532	2,287	4,771	6,473	2,750	5,774	10,005
SECTOR TOTAL	463	1,003	3,532	2,805	5,893	7,888	3,268	6,896	11,420
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	2,237	5,600	12,787	2,237	5,600	12,787
LINCOLN TUNNEL	-	-	-	26,740	69,356	177,541	26,740	69,356	177,541
SECTOR TOTAL	-	-	-	28,977	74,956	190,328	28,977	74,956	190,328
TOTAL, ALL SECTORS	3,737	10,010	31,615	38,966	98,112	232,986	42,703	108,122	264,601

TABLE 20
LEVEL OF COMFORT AND HEADWAY
FOR PUBLIC TRANSPORTATION VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY IN 2010 AND 2011
DURING THE 8AM-9AM PEAK HOUR

	SERVICE OPERATION				FLOOR SPACE (SQ. FT.)		NUMBER OF PSGR PASSENGERS		PASSENGERS PER RAILCAR, BUS		AVG FLOOR SPACE PER PSGR (SQ. FT.)		AVERAGE HEADWAY (MINUTES)	
	TRAINS, ETC.		RAILCARS, BUSES											
	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011
60TH STREET SECTOR														
LEXINGTON AVE EXPRESS	18	27	180	270	108,360	162,540	24,736	25,600	137	95	4.38	6.35	3.3	2.2
LEXINGTON AVE LOCAL	19	21	190	210	114,380	126,420	23,100	23,912	122	114	4.95	5.29	3.2	2.9
EIGHTH AVE EXPRESS	19	18	152	144	91,504	86,688	20,109	20,374	132	141	4.55	4.25	3.2	3.3
EIGHTH AVE LOCAL	12	12	96	96	57,792	57,792	8,682	8,827	90	92	6.66	6.55	5.0	5.0
BROADWAY/7TH AVE EXPRESS	20	23	200	230	120,400	138,460	21,305	21,136	107	92	5.65	6.55	3.0	2.6
BROADWAY/7TH AVE LOCAL	18	18	180	180	108,360	108,360	14,779	15,585	82	87	7.33	6.95	3.3	3.3
MTA/AMTRAK TUN.	50	53	363	391	218,526	235,382	30,698	33,278	85	85	7.12	7.07	1.2	1.1
BUSES	-	-	172	168	55,040	53,760	5,006	5,831	29	35	10.99	9.22	-	-
SECTOR AVERAGE	156	172	1,533	1,689	874,362	969,402	148,415	154,543	98	93	5.89	6.27	3.2	2.9
BROOKLYN SECTOR														
14TH ST. TUNNEL	16	17	128	136	77,056	81,872	17,569	17,985	137	132	4.39	4.55	3.8	3.5
WILLIAMSBURG BRIDGE	17	16	136	128	81,872	77,056	12,407	12,515	91	98	6.60	6.16	3.5	3.8
RUTGERS ST. TUNNEL	14	13	140	130	84,280	78,260	12,259	12,227	88	94	6.87	6.40	4.3	4.6
MANHATTAN BRIDGE	37	37	334	334	201,068	201,068	40,167	41,338	120	124	5.01	4.86	1.6	1.6
CRANBERRY ST. TUNNEL	22	24	176	192	105,952	115,584	21,619	23,427	123	122	4.90	4.93	2.7	2.5
CLARK ST. TUNNEL	18	16	180	160	108,360	96,320	13,405	13,797	74	86	8.08	6.98	3.3	3.8
MONTAGUE ST. TUNNEL	9	9	72	72	43,344	43,344	7,173	6,608	100	92	6.04	6.56	6.7	6.7
JORALEMON ST. TUNNEL	15	23	150	230	90,300	138,460	19,363	19,322	129	84	4.66	7.17	4.0	2.6
BUSES	-	-	177	172	56,640	55,040	7,914	7,071	45	41	7.16	7.78	-	-
SECTOR AVERAGE	148	155	1,493	1,554	848,872	887,004	151,876	154,290	101	97	5.59	5.75	3.7	3.6
QUEENS SECTOR														
60TH STREET TUNNEL	23	23	205	212	123,410	127,624	24,341	25,076	119	118	5.07	5.09	2.6	2.6
53RD STREET TUNNEL	24	24	220	220	132,440	132,440	26,601	26,907	121	122	4.98	4.92	2.5	2.5
STEINWAY TUNNEL	28	25	308	275	185,416	165,550	19,159	19,241	62	70	9.68	8.60	2.1	2.4
63RD STREET TUNNEL	15	15	150	150	90,300	90,300	16,200	16,075	108	107	5.57	5.62	4.0	4.0
LIRR/AMTRAK TUNNELS	37	37	388	388	233,576	233,576	33,841	33,569	87	87	6.90	6.96	1.6	1.6
BUSES	-	-	130	131	41,600	41,920	3,937	4,310	30	33	10.57	9.73	-	-
SECTOR AVERAGE	127	124	1,401	1,376	806,742	791,410	124,079	125,178	88	90	6.50	6.32	2.6	2.6
NEW JERSEY SECTOR														
PATH DOWNTOWN TUNNEL	25	25	175	200	64,715	73,600	11,660	11,639	67	58	5.55	6.32	2.4	2.4
PATH UPTOWN TUNNEL	24	23	168	161	62,126	59,248	15,414	15,667	92	97	4.03	3.78	2.5	2.6
N.J. TRANSIT/AMTRAK TUNNEL	25	26	227	221	136,654	133,042	18,131	21,011	80	95	7.54	6.33	2.4	2.3
BUSES	-	-	940	952	300,800	304,640	32,619	33,617	35	35	9.22	9.06	-	-
SECTOR AVERAGE	74	74	1,510	1,534	564,295	570,530	77,824	81,934	68	71	7.25	6.96	2.4	2.4
STATEN ISLAND FERRY	4	4	4	4	80,000	80,000	6,235	5,368	1,559	1,342	12.83	14.90	15.0	15.0
ROOSEVELT ISLAND TRAMWAY	-	8	-	8	-	2,400	-	587	-	73	-	4.09	-	7.5
TOTAL/AVERAGE, ALL SECTORS	509	537	5,941	6,165	3,174,271	3,300,746	508,429	521,900	86	85	6.24	6.32	3.0	2.9

TABLE 21A
TOTAL PERSONS ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY IN 2009, 2010, AND 2011

HOURS	2009			2010			2011		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	28,011	64,807	92,818	29,318	65,115	94,433	28,067	58,246	86,313
1:00am	15,679	31,879	47,558	16,510	33,547	50,057	15,331	28,331	43,662
2:00am	11,325	17,908	29,233	11,261	18,581	29,842	10,898	15,496	26,394
3:00am	12,053	13,755	25,808	11,788	14,596	26,384	12,443	13,889	26,332
4:00am	24,984	18,083	43,067	25,360	18,295	43,655	26,777	18,820	45,597
5:00am	79,756	35,491	115,247	80,545	38,275	118,820	83,864	35,482	119,346
6:00am	207,176	84,161	291,337	206,952	84,782	291,734	208,788	80,441	289,229
7:00am	414,586	147,645	562,231	423,666	152,523	576,189	418,959	147,558	566,517
8:00am	575,127	162,403	737,530	580,733	169,126	749,859	593,517	166,188	759,705
9:00am	337,415	123,295	460,710	348,057	128,581	476,638	355,483	129,970	485,453
10:00am	192,228	103,742	295,970	197,720	108,151	305,871	199,724	109,122	308,846
11:00am	154,271	106,897	261,168	162,419	110,384	272,803	157,761	107,842	265,603
12:00pm	143,708	123,844	267,552	146,925	125,541	272,466	144,682	124,266	268,948
1:00pm	140,412	136,607	277,019	146,500	140,909	287,409	143,788	137,662	281,450
2:00pm	150,797	172,435	323,232	153,980	174,139	328,119	150,295	168,466	318,761
3:00pm	170,509	227,665	398,174	170,715	231,118	401,833	167,655	230,227	397,882
4:00pm	179,769	303,993	483,762	185,126	306,550	491,676	184,032	311,202	495,234
5:00pm	194,745	445,200	639,945	197,718	447,909	645,627	197,270	473,889	671,159
6:00pm	160,152	388,936	549,088	168,001	404,142	572,143	159,525	409,366	568,891
7:00pm	119,972	264,520	384,492	125,530	275,572	401,102	119,765	279,740	399,505
8:00pm	90,847	196,268	287,115	97,275	207,141	304,416	90,668	203,145	293,813
9:00pm	75,721	159,916	235,637	79,605	166,061	245,666	76,184	164,374	240,558
10:00pm	67,366	131,386	198,752	70,793	139,047	209,840	66,007	136,258	202,265
11:00pm	51,718	101,152	152,870	51,935	104,009	155,944	50,074	105,043	155,117
TOTAL	3,598,327	3,561,988	7,160,315	3,688,432	3,664,094	7,352,526	3,661,557	3,655,023	7,316,580

TABLE 21B
CUMULATIVE TOTAL OF PERSONS ENTERING THE HUB
AT PEAK ACCUMULATION 1975-2011

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
2011	1,272,964	2:00pm

TABLE 22A
TOTAL PUBLIC TRANSIT PASSENGERS ENTERING AND LEAVING
THE HUB ON A FALL BUSINESS DAY IN 2009, 2010, AND 2011

HOURS	2009			2010			2011		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	8,332	36,393	44,725	8,640	35,777	44,417	8,534	29,051	37,585
1:00am	3,596	14,797	18,393	4,300	15,538	19,838	3,405	10,176	13,581
2:00am	2,298	6,187	8,485	2,393	6,443	8,836	1,925	3,315	5,240
3:00am	3,046	3,978	7,024	2,790	4,330	7,120	3,401	3,582	6,983
4:00am	11,231	5,159	16,390	10,902	4,969	15,871	12,184	5,627	17,811
5:00am	49,332	14,681	64,013	49,789	17,430	67,219	54,104	13,383	67,487
6:00am	155,420	48,730	204,150	155,718	49,591	205,309	159,418	45,522	204,940
7:00am	355,123	102,316	457,439	363,138	106,435	469,573	359,603	101,207	460,810
8:00am	510,899	117,223	628,122	515,758	121,700	637,458	528,144	119,693	647,837
9:00am	276,082	80,010	356,092	287,776	84,367	372,143	292,836	86,205	379,041
10:00am	141,596	60,996	202,592	146,175	63,426	209,601	146,030	65,264	211,294
11:00am	106,791	63,817	170,608	114,282	66,932	181,214	110,144	65,223	175,367
12:00pm	97,577	77,925	175,502	100,688	79,743	180,431	97,765	79,585	177,350
1:00pm	93,653	88,352	182,005	99,652	92,498	192,150	96,791	89,830	186,621
2:00pm	102,385	118,683	221,068	105,649	120,203	225,852	100,808	113,886	214,694
3:00pm	121,362	169,373	290,735	120,787	171,983	292,770	118,152	170,497	288,649
4:00pm	131,501	242,849	374,350	136,802	246,179	382,981	134,363	248,982	383,345
5:00pm	142,409	380,307	522,716	146,843	387,072	533,915	144,730	408,426	553,156
6:00pm	108,493	323,715	432,208	116,925	341,500	458,425	107,780	344,522	452,302
7:00pm	70,410	205,538	275,948	77,743	217,481	295,224	71,113	219,871	290,984
8:00pm	48,403	143,180	191,583	54,887	154,978	209,865	48,268	149,984	198,252
9:00pm	36,659	109,119	145,778	40,376	115,508	155,884	37,451	112,171	149,622
10:00pm	29,252	82,636	111,888	32,346	90,147	122,493	29,692	88,618	118,310
11:00pm	19,534	59,956	79,490	19,880	63,143	83,023	18,691	64,427	83,118
TOTAL	2,625,384	2,555,920	5,181,304	2,714,239	2,657,373	5,371,612	2,685,332	2,639,047	5,324,379

TABLE 22B
CUMULATIVE TOTAL OF PASSENGERS ENTERING AND LEAVING THE
HUB BY PUBLIC TRANSPORTATION, AT PEAK ACCUMULATION
1975-2011

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
2011	1,163,499	2:00pm

TABLE 23A
TOTAL PRIVATE MOTOR VEHICLES ENTERING AND LEAVING
THE HUB ON A FALL BUSINESS DAY IN YEARS 2009, 2010, AND 2011

HOURS	2009			2010			2011		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	15,422	21,370	36,792	16,127	22,120	38,247	15,151	21,957	37,108
1:00am	9,463	12,854	22,317	9,549	13,591	23,140	9,273	13,623	22,896
2:00am	7,081	8,829	15,910	6,960	9,179	16,139	7,011	9,175	16,186
3:00am	7,098	7,402	14,500	7,096	7,811	14,907	7,114	7,823	14,937
4:00am	10,923	9,807	20,730	11,451	10,180	21,631	11,524	10,098	21,622
5:00am	24,416	15,905	40,321	24,430	15,923	40,353	23,551	16,851	40,402
6:00am	42,315	26,948	69,263	42,346	26,894	69,240	40,072	26,467	66,539
7:00am	47,538	33,958	81,496	49,259	34,842	84,101	47,152	34,663	81,815
8:00am	49,019	33,533	82,552	50,854	35,582	86,436	49,348	34,317	83,665
9:00am	46,719	31,793	78,512	47,198	32,816	80,014	47,214	31,924	79,138
10:00am	39,091	31,576	70,667	40,738	33,469	74,207	41,270	32,223	73,493
11:00am	36,384	31,982	68,366	38,035	32,945	70,980	36,478	31,511	67,989
12:00pm	34,823	33,671	68,494	35,945	34,426	70,371	35,221	32,712	67,933
1:00pm	35,416	35,857	71,273	36,500	36,876	73,376	35,558	35,561	71,119
2:00pm	36,848	39,695	76,543	37,657	40,705	78,362	37,548	40,357	77,905
3:00pm	37,733	43,540	81,273	39,488	45,142	84,630	38,181	44,581	82,762
4:00pm	36,771	44,481	81,252	37,649	45,192	82,841	37,699	45,276	82,975
5:00pm	39,321	46,465	85,786	39,230	45,094	84,324	39,309	46,722	86,031
6:00pm	39,467	46,125	85,592	39,900	45,901	85,801	39,095	45,159	84,254
7:00pm	37,724	42,235	79,959	37,460	43,039	80,499	36,875	42,110	78,985
8:00pm	32,327	38,732	71,059	33,151	39,220	72,371	32,133	38,319	70,452
9:00pm	30,011	37,353	67,364	30,719	37,915	68,634	29,549	37,987	67,536
10:00pm	29,445	35,959	65,404	30,095	36,640	66,735	27,595	34,941	62,536
11:00pm	24,992	30,642	55,634	25,044	30,705	55,749	23,978	29,922	53,900
TOTAL	750,347	740,712	1,491,059	766,881	756,207	1,523,088	747,899	744,279	1,492,178

TABLE 23B
CUMULATIVE TOTAL OF MOTOR VEHICLES ENTERING AND LEAVING
THE HUB AT PEAK ACCUMULATION, 1973-2011

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
2011	79,651	1:00pm

TABLE 24
TOTAL PERSONS ENTERING THE HUB BY HOUR AND MODE IN 2011

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL
12:00am	19,533	6,485	943	957	132	17	0	28,067
1:00am	11,926	2,316	568	447	69	5	0	15,331
2:00am	8,973	1,257	349	250	65	4	0	10,898
3:00am	9,042	2,793	534	30	44	0	0	12,443
4:00am	14,593	10,429	1,265	350	140	0	0	26,777
5:00am	29,760	41,662	8,160	3,754	528	0	0	83,864
6:00am	48,727	109,130	26,002	21,397	2,831	61	643	208,788
7:00am	58,066	254,024	42,320	55,818	7,140	309	1,290	418,959
8:00am	62,924	377,258	50,829	87,858	11,617	587	2,449	593,517
9:00am	60,225	216,088	30,666	38,848	6,797	445	2,422	355,483
10:00am	52,184	116,633	12,274	14,081	2,834	212	1,510	199,724
11:00am	46,206	89,637	8,730	9,515	2,109	157	1,411	157,761
12:00pm	45,369	80,663	7,422	7,545	1,974	168	1,548	144,682
1:00pm	45,695	81,286	7,237	6,284	1,846	143	1,302	143,788
2:00pm	48,266	85,828	7,431	5,531	1,894	137	1,221	150,295
3:00pm	48,237	101,226	9,418	5,811	1,567	148	1,266	167,655
4:00pm	48,301	111,996	12,839	7,205	2,172	174	1,368	184,032
5:00pm	50,944	123,219	9,974	9,404	2,136	114	1,596	197,270
6:00pm	50,053	86,754	9,155	9,910	1,886	112	1,692	159,525
7:00pm	47,004	57,145	6,099	6,683	1,160	55	1,648	119,765
8:00pm	41,056	39,973	3,982	3,604	659	67	1,344	90,668
9:00pm	37,783	30,815	2,930	3,167	494	56	950	76,184
10:00pm	35,611	24,464	2,324	2,516	361	36	704	66,007
11:00pm	30,936	15,879	1,655	826	308	30	447	50,074
TOTAL	951,414	2,066,960	263,106	301,791	50,763	3,037	24,811	3,661,557

TABLE 25
TOTAL PERSONS LEAVING THE HUB BY HOUR AND MODE IN 2011

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL
12:00am	29,195	24,254	1,740	2,309	703	45	0	58,246
1:00am	18,155	6,660	1,461	1,463	577	15	0	28,331
2:00am	12,181	2,706	201	156	252	0	0	15,496
3:00am	10,307	3,042	142	280	118	0	0	13,889
4:00am	13,193	4,573	47	891	116	0	0	18,820
5:00am	22,099	12,265	157	862	99	0	0	35,482
6:00am	34,583	38,497	3,595	2,983	429	38	336	80,441
7:00am	45,790	85,544	8,345	6,429	866	64	561	147,558
8:00am	45,736	100,501	11,546	6,399	1,217	74	759	166,188
9:00am	42,926	67,914	12,843	4,065	1,270	134	839	129,970
10:00am	43,028	52,681	7,747	3,499	1,266	89	830	109,122
11:00am	41,620	54,252	5,755	3,952	1,179	95	999	107,842
12:00pm	43,465	66,609	6,603	4,840	1,457	84	1,216	124,266
1:00pm	46,654	75,050	6,443	6,460	1,749	133	1,178	137,662
2:00pm	53,404	92,867	9,306	9,539	2,069	115	1,176	168,466
3:00pm	58,398	135,543	15,371	16,814	2,543	238	1,332	230,227
4:00pm	60,576	188,935	24,990	30,115	4,703	247	1,644	311,202
5:00pm	63,123	287,642	42,703	69,248	8,484	358	2,340	473,889
6:00pm	61,649	240,197	40,429	54,082	9,383	448	3,195	409,366
7:00pm	56,906	160,172	25,971	27,746	5,628	368	2,963	279,740
8:00pm	51,011	115,348	15,363	16,161	2,889	234	2,150	203,145
9:00pm	50,765	88,486	10,103	11,323	2,094	171	1,438	164,374
10:00pm	46,599	70,441	8,249	8,342	1,479	111	1,041	136,258
11:00pm	39,954	52,672	5,491	5,122	1,070	76	662	105,043
TOTAL	991,317	2,026,851	264,601	293,080	51,640	3,137	24,659	3,655,023

TABLE 26
TOTAL PERSONS ENTERING THE HUB BY HOUR AND SECTOR IN 2011

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	N. J. SECTOR	S. I. SECTOR (FERRY)	ROOSEVELT ISLAND (TRAMWAY)	TOTAL
12:00am	13,821	5,770	5,016	3,311	132	17	28,067
1:00am	6,989	3,440	2,899	1,929	69	5	15,331
2:00am	4,614	2,670	2,106	1,439	65	4	10,898
3:00am	4,719	3,470	2,574	1,636	44	0	12,443
4:00am	8,751	8,300	6,040	3,546	140	0	26,777
5:00am	26,858	22,137	18,526	15,950	393	0	83,864
6:00am	61,342	55,041	48,725	42,289	1,330	61	208,788
7:00am	128,672	115,217	100,087	71,484	3,190	309	418,959
8:00am	184,919	169,942	136,815	95,886	5,368	587	593,517
9:00am	112,615	104,377	79,053	54,679	4,314	445	355,483
10:00am	69,495	57,782	45,426	24,781	2,028	212	199,724
11:00am	61,640	43,766	32,333	18,307	1,558	157	157,761
12:00pm	60,409	39,230	27,740	15,634	1,501	168	144,682
1:00pm	60,394	39,046	27,892	14,964	1,349	143	143,788
2:00pm	63,180	40,985	29,058	15,373	1,562	137	150,295
3:00pm	76,243	41,646	30,824	17,545	1,249	148	167,655
4:00pm	81,808	43,421	33,449	23,837	1,343	174	184,032
5:00pm	89,246	45,905	35,070	25,675	1,260	114	197,270
6:00pm	73,168	34,667	28,206	22,175	1,197	112	159,525
7:00pm	57,850	25,311	20,234	15,627	688	55	119,765
8:00pm	44,966	20,273	14,551	10,248	563	67	90,668
9:00pm	38,043	16,684	11,940	9,047	414	56	76,184
10:00pm	33,710	13,658	10,598	7,663	342	36	66,007
11:00pm	26,328	11,059	7,612	4,757	288	30	50,074
TOTAL	1,389,780	963,797	756,774	517,782	30,387	3,037	3,661,557

TABLE 27
TOTAL PERSONS LEAVING THE HUB BY HOUR AND SECTOR IN 2011

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	N. J. SECTOR	S. I. SECTOR (FERRY)	ROOSEVELT ISLAND (TRAMWAY)	TOTAL
12:00am	19,451	18,271	14,971	4,827	681	45	58,246
1:00am	9,349	7,575	7,021	3,794	577	15	28,331
2:00am	5,551	4,333	3,476	1,884	252	0	15,496
3:00am	5,256	3,718	3,123	1,674	118	0	13,889
4:00am	7,442	4,380	3,973	2,909	116	0	18,820
5:00am	16,300	8,918	6,681	3,484	99	0	35,482
6:00am	37,949	17,850	14,312	9,922	370	38	80,441
7:00am	74,721	30,603	22,448	19,184	538	64	147,558
8:00am	80,738	34,948	25,141	24,514	773	74	166,188
9:00am	61,140	28,705	17,941	21,157	893	134	129,970
10:00am	53,518	24,058	16,308	14,093	1,056	89	109,122
11:00am	50,989	26,251	18,297	11,241	969	95	107,842
12:00pm	55,900	31,426	22,441	13,185	1,230	84	124,266
1:00pm	60,186	35,578	25,981	14,378	1,406	133	137,662
2:00pm	69,328	43,620	34,647	19,330	1,426	115	168,466
3:00pm	85,223	63,386	51,832	27,877	1,671	238	230,227
4:00pm	103,835	86,770	73,685	43,976	2,689	247	311,202
5:00pm	148,937	126,934	113,921	79,407	4,332	358	473,889
6:00pm	129,581	110,382	90,113	73,422	5,420	448	409,366
7:00pm	92,100	80,072	60,707	42,774	3,719	368	279,740
8:00pm	67,525	59,856	43,791	29,435	2,304	234	203,145
9:00pm	57,732	48,337	35,010	21,554	1,570	171	164,374
10:00pm	49,412	37,611	30,222	17,796	1,106	111	136,258
11:00pm	36,860	29,735	25,262	12,196	914	76	105,043
TOTAL	1,379,023	963,317	761,304	514,013	34,229	3,137	3,655,023

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Appendix III

Hourly Detail Tables - 2011

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SECTION A BUS TRANSIT BY SECTOR SUMMARY, 2011-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	34	134	-	-	4	13	67	796	105	943
1:00am	14	26	-	-	4	13	32	529	50	568
2:00am	8	12	-	-	2	7	16	330	26	349
3:00am	7	15	-	-	2	6	17	513	26	534
4:00am	14	69	1	27	2	5	33	1,164	50	1,265
5:00am	62	616	16	480	6	89	184	6,975	268	8,160
6:00am	136	2,298	69	2,476	48	1,396	513	19,832	766	26,002
7:00am	174	4,996	130	5,064	112	3,712	758	28,548	1,174	42,320
8:00am	168	5,831	172	7,071	131	4,310	952	33,617	1,423	50,829
9:00am	133	3,618	95	3,437	58	1,277	726	22,334	1,012	30,666
10:00am	107	2,111	31	905	25	376	321	8,882	484	12,274
11:00am	113	2,040	18	522	22	292	242	5,876	395	8,730
12:00pm	114	2,121	12	331	23	259	218	4,711	367	7,422
1:00pm	117	2,203	13	290	23	190	245	4,554	398	7,237
2:00pm	115	1,896	12	283	21	145	311	5,107	459	7,431
3:00pm	120	2,490	11	253	22	181	437	6,494	590	9,418
4:00pm	135	2,712	10	228	24	173	659	9,726	828	12,839
5:00pm	113	2,578	11	240	23	108	450	7,048	597	9,974
6:00pm	103	1,722	4	57	18	97	487	7,279	612	9,155
7:00pm	103	1,222	2	30	18	40	321	4,807	444	6,099
8:00pm	78	912	2	39	13	28	218	3,003	311	3,982
9:00pm	73	599	3	49	13	41	182	2,241	271	2,930
10:00pm	71	506	2	53	13	29	170	1,736	256	2,324
11:00pm	63	339	1	13	11	23	105	1,280	180	1,655
TOTAL	2,175	41,066	615	21,848	638	12,810	7,664	187,382	11,092	263,106

SUMMARY, 2011-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	56	511	15	337	9	192	30	700	110	1,740
1:00am	30	171	5	171	3	61	56	1,058	94	1,461
2:00am	10	41	-	-	2	10	9	150	21	201
3:00am	8	40	-	-	2	4	7	98	17	142
4:00am	6	8	-	-	3	6	2	33	11	47
5:00am	19	112	-	-	4	11	3	34	26	157
6:00am	47	452	-	-	5	20	278	3,123	330	3,595
7:00am	84	1,755	-	-	5	41	565	6,549	654	8,345
8:00am	115	2,282	4	69	15	63	703	9,132	837	11,546
9:00am	124	1,630	4	37	24	60	757	11,116	909	12,843
10:00am	122	1,432	6	53	18	73	368	6,189	514	7,747
11:00am	107	1,627	9	110	21	122	212	3,896	349	5,755
12:00pm	111	1,854	8	136	23	149	216	4,464	358	6,603
1:00pm	103	1,786	17	351	18	225	166	4,081	304	6,443
2:00pm	113	2,172	17	511	26	381	207	6,242	363	9,306
3:00pm	128	2,981	43	1,446	32	479	290	10,465	493	15,371
4:00pm	158	3,973	77	2,562	66	1,246	433	17,209	734	24,990
5:00pm	179	5,764	125	4,694	110	3,268	702	28,977	1,116	42,703
6:00pm	163	5,007	118	4,270	91	2,382	736	28,770	1,108	40,429
7:00pm	144	3,516	69	2,405	53	1,271	526	18,779	792	25,971
8:00pm	116	2,002	44	1,406	22	491	357	11,464	539	15,363
9:00pm	92	1,443	27	767	15	347	244	7,546	378	10,103
10:00pm	93	1,395	20	478	14	290	213	6,086	340	8,249
11:00pm	70	659	19	437	14	228	158	4,167	261	5,491
TOTAL	2,198	42,613	627	20,240	595	11,420	7,238	190,328	10,658	264,601

Note: New Jersey bus occupancy counts were determined based on Port Authority of NY&NJ bus traffic counts and on the occupancy rates from PA of NY&NJ 2011 Continuous Bus Survey.

SECTION A

BUS TRANSIT BY ROUTE 60TH STREET SECTOR 2011 - INBOUND

HOURS	YORK AVENUE		SECOND AVE						LEXINGTON AVENUE						FIFTH AVENUE							
	NYCT LOCAL		NYCT LOCAL		NYCT EXPRESS		TOTAL		NYCT LOCAL		MTA BUS CO.		TOTAL		NYCT LOCAL		MTA BUS CO		WCDOT		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	3	28	3	36	-	-	3	36	8	42	-	-	8	42	3	9	2	3	-	-	5	12
1:00am	1	3	3	11	-	-	3	11	3	9	-	-	3	9	1	1	-	-	-	-	1	1
2:00am	-	-	2	1	-	-	2	1	3	7	-	-	3	7	-	-	-	-	-	-	-	-
3:00am	-	-	2	6	-	-	2	6	2	5	-	-	2	5	1	1	-	-	-	-	1	1
4:00am	-	-	4	35	-	-	4	35	7	27	-	-	7	27	1	4	-	-	-	-	1	4
5:00am	1	12	5	25	7	95	12	120	11	81	1	32	12	113	5	38	10	217	7	72	22	327
6:00am	4	75	9	75	16	333	25	408	18	134	4	166	22	300	12	109	34	1,100	8	100	54	1,309
7:00am	6	263	10	230	16	977	26	1,207	13	315	7	242	20	557	23	489	54	1,931	6	75	83	2,495
8:00am	8	362	7	210	14	1,077	21	1,287	15	551	6	155	21	706	30	1,190	40	1,378	2	21	72	2,589
9:00am	8	246	8	186	11	719	19	905	16	368	3	69	19	437	31	1,004	20	432	-	-	51	1,436
10:00am	7	158	6	104	9	389	15	493	14	299	3	56	17	355	18	384	13	285	2	37	33	706
11:00am	6	142	7	173	9	325	16	498	15	373	2	30	17	403	21	425	13	158	-	-	34	583
12:00pm	6	132	6	163	9	340	15	503	16	314	2	50	18	364	23	601	13	140	1	-	37	741
1:00pm	5	131	9	218	9	386	18	604	19	372	2	43	21	415	23	547	13	145	-	-	36	692
2:00pm	4	94	6	133	10	320	16	453	16	325	2	27	18	352	22	536	13	126	-	-	35	662
3:00pm	7	232	7	328	10	466	17	794	15	303	2	31	17	334	24	636	13	115	-	-	37	751
4:00pm	5	183	5	174	11	500	16	674	20	446	2	26	22	472	33	881	12	112	-	-	45	993
5:00pm	6	155	7	311	8	497	15	808	14	309	2	36	16	345	25	761	13	123	-	-	38	884
6:00pm	4	106	5	199	8	441	13	640	15	210	1	2	16	212	24	427	13	59	-	-	37	486
7:00pm	4	94	6	208	7	335	13	543	21	193	2	11	23	204	22	161	11	52	-	-	33	213
8:00pm	2	41	7	153	6	307	13	460	11	136	1	6	12	142	14	135	8	38	-	-	22	173
9:00pm	2	27	5	105	5	162	10	267	14	106	2	10	16	116	11	68	9	47	-	-	20	115
10:00pm	3	20	4	105	2	54	6	159	12	107	1	2	13	109	14	60	9	50	-	-	23	110
11:00pm	2	33	6	103	-	-	6	103	11	80	1	-	12	80	9	38	8	24	-	-	17	62
TOTAL	94	2,537	139	3,292	167	7,723	306	11,015	309	5,112	46	994	355	6,106	390	8,505	321	6,535	26	305	737	15,345

60TH STREET SECTOR 2011- INBOUND (CONT'D)

HOURS	BROADWAY						COLUMBUS AVE		WEST END AVENUE		TOTAL							
	NYCT LOCAL		MTA BUS CO. **		TOTAL		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	BUS	PSGRS
12:00 am	9	9			9	9	3	3	3	4	32	131	2	3	-	-	34	134
1:00am	6	2			6	2	-	-	-	-	14	26	-	-	-	-	14	26
2:00am	3	4			3	4	-	-	-	-	8	12	-	-	-	-	8	12
3:00am	2	3			2	3	-	-	-	-	7	15	-	-	-	-	7	15
4:00am	2	3			2	3	-	-	-	-	14	69	-	-	-	-	14	69
5:00am	11	31			11	31	2	10	2	3	44	295	11	249	7	72	62	616
6:00am	19	115			21	142	6	22	4	42	88	905	40	1,293	8	100	136	2,298
7:00am	24	234			28	330	6	82	5	62	103	2,652	65	2,269	6	75	174	4,996
8:00am	32	524			34	578	6	123	6	186	118	4,223	48	1,587	2	21	168	5,831
9:00am	25	386			27	414	5	94	4	86	108	3,089	25	529	-	-	133	3,618
10:00am	23	183			25	221	6	93	4	85	87	1,695	18	379	2	37	107	2,111
11:00am	27	217			29	239	6	104	5	71	96	1,830	17	210	-	-	113	2,040
12:00pm	26	216			28	224	5	97	5	60	96	1,923	17	198	1	-	114	2,121
1:00pm	24	167			26	178	6	136	5	47	100	2,004	17	199	-	-	117	2,203
2:00pm	32	195			34	207	5	95	3	33	98	1,731	17	165	-	-	115	1,896
3:00pm	28	184			30	194	8	117	4	68	103	2,334	17	156	-	-	120	2,490
4:00pm	35	204			37	217	5	106	5	67	119	2,561	16	151	-	-	135	2,712
5:00pm	26	184			28	193	6	148	4	45	96	2,410	17	168	-	-	113	2,578
6:00pm	20	137			22	141	4	72	7	65	87	1,657	16	65	-	-	103	1,722
7:00pm	22	101			23	105	3	36	4	27	89	1,155	14	67	-	-	103	1,222
8:00pm	22	62			24	64	3	26	2	6	67	866	11	46	-	-	78	912
9:00pm	18	36			20	38	3	25	2	11	60	540	13	59	-	-	73	599
10:00pm	19	58			21	62	3	34	2	12	59	450	12	56	-	-	71	506
11:00pm	17	32			19	34	3	16	4	11	52	313	11	26	-	-	63	339
TOTAL	472	3,287	37	346	509	3,633	94	1,439	80	991	1,745	32,886	404	7,875	26	305	2,175	41,066

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

SECTION A

BUS TRANSIT BY ROUTE 60TH STREET SECTOR 2011-OUTBOUND

HOURS	YORK AVENUE		FIRST AVENUE				THIRD AVENUE						MADISON AVENUE					
	NYCT LOCAL		NYCT LOCAL		NYCT EXPRESS		TOTAL		NYCT LOCAL		MTA BUS CO.		TOTAL		NYCT LOCAL		MTA BUS CO.	
	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	3	23	6	97	-	-	6	97	12	134	1	3	13	137	6	66	8	108
1:00am	-	-	5	25	-	-	5	25	6	27	-	-	6	27	3	17	3	29
2:00am	-	-	4	15	-	-	4	15	2	13	-	-	2	13	-	-	-	-
3:00am	-	-	2	10	-	-	2	10	3	23	-	-	3	23	2	3	-	-
4:00am	-	-	1	-	-	-	1	-	1	3	-	-	1	3	1	1	-	-
5:00am	1	7	3	59	-	8	3	67	7	24	-	-	7	24	2	5	-	-
6:00am	3	56	3	38	5	153	8	191	12	89	-	-	12	89	5	50	2	2
7:00am	3	92	5	84	10	787	15	871	13	226	1	4	14	230	14	235	12	124
8:00am	4	114	8	185	18	1,057	26	1,242	14	299	3	7	17	306	17	277	14	59
9:00am	9	114	8	129	14	553	22	682	14	210	2	1	16	211	28	368	12	28
10:00am	9	88	8	174	11	324	19	498	16	267	3	3	19	270	25	331	10	19
11:00am	5	41	7	144	9	226	16	370	14	329	1	5	15	334	20	476	13	37
12:00pm	7	93	6	121	8	339	14	460	16	339	3	10	19	349	20	545	12	52
1:00pm	6	94	8	195	10	313	18	508	10	259	2	6	12	265	16	463	13	94
2:00pm	4	100	6	151	10	409	16	560	18	430	3	14	21	444	20	536	14	134
3:00pm	7	155	8	208	9	561	17	769	14	428	3	13	17	441	23	750	18	273
4:00pm	5	121	6	141	8	646	14	787	19	605	4	28	23	633	30	1,004	33	639
5:00pm	6	110	8	352	12	1,057	20	1,409	20	736	5	54	25	790	28	1,163	50	1,296
6:00pm	7	182	7	259	9	855	16	1,114	20	741	5	50	25	791	28	1,223	38	936
7:00pm	6	171	7	179	11	590	18	769	23	700	3	21	26	721	26	706	27	552
8:00pm	4	37	7	180	8	289	15	469	16	359	3	20	19	379	22	419	19	363
9:00pm	3	59	6	106	6	280	12	386	19	352	2	16	21	368	15	198	11	165
10:00pm	3	53	5	99	7	230	12	329	20	388	2	12	22	400	15	208	11	163
11:00pm	2	45	6	96	-	-	6	96	14	154	2	11	16	165	11	83	9	125
TOTAL	97	1,755	140	3,047	165	8,677	305	11,724	323	7,135	48	278	371	7,413	377	9,127	329	5,198

60TH STREET SECTOR 2011-OUTBOUND (CONT'D)

HOURS	CP West		BROADWAY				AMSTERDAM AVE.		WEST END AVE		TOTAL					
	NYCT LOCAL		NYCT LOCAL		MTA BUS CO.		TOTAL		NYCT LOCAL		NYCT LOCAL		NYC TRANSIT		MTA BUS CO.	
	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	6	28	8	34	2	5	10	39	2	6	2	7	45	395	11	116
1:00am	4	20	8	51	-	-	8	51	-	-	1	2	27	142	3	29
2:00am	1	1	3	12	-	-	3	12	-	-	-	-	10	41	-	-
3:00am	-	-	1	4	-	-	1	4	-	-	-	-	8	40	-	-
4:00am	-	-	3	4	-	-	3	4	-	-	-	-	6	8	-	-
5:00am	2	1	1	7	-	-	1	7	-	-	2	1	18	112	-	-
6:00am	3	3	9	30	-	-	9	30	3	25	3	6	46	450	2	2
7:00am	5	15	12	111	1	3	13	114	3	54	4	20	69	1,624	14	131
8:00am	11	20	13	90	2	1	15	91	6	142	5	31	96	2,215	19	67
9:00am	7	22	19	116	2	-	21	116	5	66	4	23	108	1,601	16	29
10:00am	8	23	19	112	2	1	21	113	5	65	5	25	106	1,409	15	23
11:00am	8	25	19	184	2	4	21	188	5	121	5	35	92	1,581	16	46
12:00pm	8	36	18	147	2	9	20	156	6	118	3	31	92	1,769	17	71
1:00pm	9	47	18	160	2	7	20	167	7	121	4	27	88	1,679	17	107
2:00pm	9	40	15	121	2	10	17	131	5	176	5	51	92	2,014	19	158
3:00pm	9	60	20	220	2	11	22	231	7	211	5	61	102	2,654	23	297
4:00pm	13	109	22	378	3	16	25	394	6	155	4	93	113	3,252	40	683
5:00pm	9	79	22	525	3	33	25	558	4	126	8	183	117	4,331	58	1,383
6:00pm	11	99	18	335	4	22	22	357	7	214	4	74	111	3,982	47	1,008
7:00pm	8	33	17	281	3	17	20	298	5	114	7	125	110	2,899	33	590
8:00pm	10	38	18	178	2	9	20	187	4	68	3	18	92	1,586	24	392
9:00pm	6	37	15	151	2	11	17	162	2	47	4	21	76	1,251	15	192
10:00pm	7	32	15	139	2	10	17	149	4	53	2	8	78	1,210	15	185
11:00pm	5	23	12	73	2	8	14	81	3	29	4	12	57	515	13	144
TOTAL	159	791	325	3,463	40	177	365	3,640	89	1,911	84	854	1,759	36,760	417	5,653

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

SECTION A

BUS TRANSIT BY ROUTE BROOKLYN SECTOR 2011-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	1	27			1	27	1	27	-	-	1	27
5:00am	12	418	4	62	16	480	12	418	4	62	16	480
6:00am	60	2,230	9	246	69	2,476	60	2,230	9	246	69	2,476
7:00am	107	4,230	23	834	130	5,064	107	4,230	23	834	130	5,064
8:00am	147	6,045	25	1,026	172	7,071	147	6,045	25	1,026	172	7,071
9:00am	85	3,154	10	283	95	3,437	85	3,154	10	283	95	3,437
10:00am	26	843	5	62	31	905	26	843	5	62	31	905
11:00am	14	468	4	54	18	522	14	468	4	54	18	522
12:00pm	8	302	4	29	12	331	8	302	4	29	12	331
1:00pm	9	267	4	23	13	290	9	267	4	23	13	290
2:00pm	8	270	4	13	12	283	8	270	4	13	12	283
3:00pm	8	238	3	15	11	253	8	238	3	15	11	253
4:00pm	7	220	3	8	10	228	7	220	3	8	10	228
5:00pm	9	234	2	6	11	240	9	234	2	6	11	240
6:00pm	4	57			4	57	4	57	-	-	4	57
7:00pm	2	30			2	30	2	30	-	-	2	30
8:00pm	2	39			2	39	2	39	-	-	2	39
9:00pm	3	49			3	49	3	49	-	-	3	49
10:00pm	2	53			2	53	2	53	-	-	2	53
11:00pm	1	13			1	13	1	13	-	-	1	13
TOTAL	515	19,187	100	2,661	615	21,848	515	19,187	100	2,661	615	21,848

BROOKLYN SECTOR 2011-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	306	3	31	15	337	12	306	3	31	15	337
1:00am	5	171			5	171	5	171	-	-	5	171
2:00am	-	-			-	-	-	-	-	-	-	-
3:00am	-	-			-	-	-	-	-	-	-	-
4:00am	-	-			-	-	-	-	-	-	-	-
5:00am	-	-			-	-	-	-	-	-	-	-
6:00am	-	-			-	-	-	-	-	-	-	-
7:00am	-	-			-	-	-	-	-	-	-	-
8:00am	4	69			4	69	4	69	-	-	4	69
9:00am	4	37			4	37	4	37	-	-	4	37
10:00am	4	46	2	7	6	53	4	46	2	7	6	53
11:00am	6	107	3	3	9	110	6	107	3	3	9	110
12:00pm	6	128	2	8	8	136	6	128	2	8	8	136
1:00pm	12	324	5	27	17	351	12	324	5	27	17	351
2:00pm	14	474	3	37	17	511	14	474	3	37	17	511
3:00pm	35	1,339	8	107	43	1,446	35	1,339	8	107	43	1,446
4:00pm	62	2,239	15	323	77	2,562	62	2,239	15	323	77	2,562
5:00pm	106	4,171	19	523	125	4,694	106	4,171	19	523	125	4,694
6:00pm	102	3,764	16	506	118	4,270	102	3,764	16	506	118	4,270
7:00pm	62	2,249	7	156	69	2,405	62	2,249	7	156	69	2,405
8:00pm	34	1,227	10	179	44	1,406	34	1,227	10	179	44	1,406
9:00pm	23	703	4	64	27	767	23	703	4	64	27	767
10:00pm	17	442	3	36	20	478	17	442	3	36	20	478
11:00pm	15	394	4	43	19	437	15	394	4	43	19	437
TOTAL	523	18,190	104	2,050	627	20,240	523	18,190	104	2,050	627	20,240

SECTION A

BUS TRANSIT BY ROUTE QUEENS SECTOR 2011-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	7	1	6	4	13	-	-	-	-	-	-	3	7	1	6	4	13
1:00am	2	2	2	11	4	13	-	-	-	-	-	-	2	2	2	11	4	13
2:00am	-	-	2	7	2	7	-	-	-	-	-	-	-	-	2	7	2	7
3:00am	-	-	2	6	2	6	-	-	-	-	-	-	-	-	2	6	2	6
4:00am	-	-	2	5	2	5	-	-	-	-	-	-	-	-	2	5	2	5
5:00am	-	-	4	41	4	41	-	-	2	48	2	48	-	-	6	89	6	89
6:00am	4	66	3	40	7	106	2	60	39	1,230	41	1,290	6	126	42	1,270	48	1,396
7:00am	5	71	5	61	10	132	6	224	96	3,356	102	3,580	11	295	101	3,417	112	3,712
8:00am	7	125	5	79	12	204	15	459	104	3,647	119	4,106	22	584	109	3,726	131	4,310
9:00am	7	96	8	87	15	183	4	136	39	958	43	1,094	11	232	47	1,045	58	1,277
10:00am	5	68	7	59	12	127	-	-	13	249	13	249	5	68	20	308	25	376
11:00am	5	87	5	46	10	133	-	-	12	159	12	159	5	87	17	205	22	292
12:00pm	6	100	7	64	13	164	-	-	10	95	10	95	6	100	17	159	23	259
1:00pm	5	79	9	63	14	142	-	-	9	48	9	48	5	79	18	111	23	190
2:00pm	4	53	7	43	11	96	-	-	10	49	10	49	4	53	17	92	21	145
3:00pm	6	105	8	44	14	149	-	-	8	32	8	32	6	105	16	76	22	181
4:00pm	7	91	8	57	15	148	-	-	9	25	9	25	7	91	17	82	24	173
5:00pm	8	52	7	31	15	83	-	-	8	25	8	25	8	52	15	56	23	108
6:00pm	5	44	7	40	12	84	-	-	6	13	6	13	5	44	13	53	18	97
7:00pm	5	21	7	13	12	34	-	-	6	6	6	6	5	21	13	19	18	40
8:00pm	4	8	4	12	8	20	-	-	5	8	5	8	4	8	9	20	13	28
9:00pm	4	21	4	15	8	36	-	-	5	5	5	5	4	21	9	20	13	41
10:00pm	5	14	3	13	8	27	-	-	5	2	5	2	5	14	8	15	13	29
11:00pm	4	11	3	11	7	22	-	-	4	1	4	1	4	11	7	12	11	23
TOTAL	101	1,121	120	854	221	1,975	27	879	390	9,956	417	10,835	128	2,000	510	10,810	638	12,810

QUEENS SECTOR 2011-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	3	129	-	-	2	32	3	21	8	182	1	10	1	10	3	129	6	63
1:00am	1	38	-	-	2	23	-	-	3	61	-	-	-	-	1	38	2	23
2:00am	-	-	-	-	2	10	-	-	2	10	-	-	-	-	-	-	2	10
3:00am	-	-	-	-	2	4	-	-	2	4	-	-	-	-	-	-	2	4
4:00am	1	1	-	-	2	5	-	-	3	6	-	-	-	-	1	1	2	5
5:00am	2	6	-	-	2	5	-	-	4	11	-	-	-	-	2	6	2	5
6:00am	1	9	-	-	4	11	-	-	5	20	-	-	-	-	1	9	4	11
7:00am	3	28	-	-	2	13	-	-	5	41	-	-	-	-	3	28	2	13
8:00am	6	26	-	-	4	30	5	7	15	63	-	-	-	-	6	26	9	37
9:00am	7	28	-	-	6	25	11	7	24	60	-	-	-	-	7	28	17	32
10:00am	5	40	-	-	7	29	6	4	18	73	-	-	-	-	5	40	13	33
11:00am	5	46	-	-	7	44	9	32	21	122	-	-	-	-	5	46	16	76
12:00pm	5	79	-	-	8	33	9	34	22	146	1	3	1	3	5	79	18	70
1:00pm	4	97	-	-	5	68	8	58	17	223	1	2	1	2	4	97	14	128
2:00pm	6	156	-	-	9	134	9	72	24	362	2	19	2	19	6	156	20	225
3:00pm	5	133	-	-	9	113	14	177	28	423	4	56	4	56	5	133	27	346
4:00pm	5	149	6	123	8	146	40	617	59	1,035	7	211	7	211	11	272	55	974
5:00pm	8	310	12	339	6	153	71	1,948	97	2,750	13	518	13	518	20	649	90	2,619
6:00pm	4	127	10	285	6	118	55	1,459	75	1,989	16	393	16	393	14	412	77	1,970
7:00pm	7	211	3	78	7	177	28	650	45	1,116	8	155	8	155	10	289	43	982
8:00pm	6	149	-	-	5	77	10	249	21	475	1	16	1	16	6	149	16	342
9:00pm	5	130	-	-	3	60	6	138	14	328	1	19	1	19	5	130	10	217
10:00pm	5	123	-	-	3	55	5	101	13	279	1	11	1	11	5	123	9	167
11:00pm	3	93	-	-	3	59	7	74	13	226	1	2	1	2	3	93	11	135
TOTAL	97	2,108	31	825	114	1,424	296	5,648	538	10,005	57	1,415	57	1,415	128	2,933	467	8,487

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 2011-INBOUND

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	15	178	52	618	67	796
1:00am	4	66	28	463	32	529
2:00am	5	103	11	227	16	330
3:00am	5	151	12	362	17	513
4:00am	10	358	23	806	33	1,164
5:00am	24	894	160	6,081	184	6,975
6:00am	45	1,626	468	18,206	513	19,832
7:00am	55	1,850	703	26,698	758	28,548
8:00am	61	2,061	891	31,556	952	33,617
9:00am	46	1,432	680	20,902	726	22,334
10:00am	24	691	297	8,191	321	8,882
11:00am	11	267	231	5,609	242	5,876
12:00pm	26	562	192	4,149	218	4,711
1:00pm	22	409	223	4,145	245	4,554
2:00pm	29	476	282	4,631	311	5,107
3:00pm	59	877	378	5,617	437	6,494
4:00pm	106	2,255	553	7,471	659	9,726
5:00pm	99	2,301	351	4,747	450	7,048
6:00pm	57	1,341	430	5,938	487	7,279
7:00pm	23	386	298	4,421	321	4,807
8:00pm	15	207	203	2,796	218	3,003
9:00pm	16	197	166	2,044	182	2,241
10:00pm	22	225	148	1,511	170	1,736
11:00pm	13	158	92	1,122	105	1,280
TOTAL	792	19,071	6,872	168,311	7,664	187,382

NEW JERSEY SECTOR 2011-OUTBOUND

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	0	0	30	700	30	700
1:00am	12	229	44	829	56	1,058
2:00am	3	53	6	97	9	150
3:00am	2	23	5	75	7	98
4:00am	1	14	1	19	2	33
5:00am	3	34	0	0	3	34
6:00am	23	258	255	2,865	278	3,123
7:00am	40	464	525	6,085	565	6,549
8:00am	58	753	645	8,379	703	9,132
9:00am	58	852	699	10,264	757	11,116
10:00am	29	488	339	5,701	368	6,189
11:00am	8	147	204	3,749	212	3,896
12:00pm	7	127	209	4,337	216	4,464
1:00pm	6	137	160	3,944	166	4,081
2:00pm	13	368	194	5,874	207	6,242
3:00pm	29	993	261	9,472	290	10,465
4:00pm	46	1,625	387	15,584	433	17,209
5:00pm	62	2,237	640	26,740	702	28,977
6:00pm	50	1,738	686	27,032	736	28,770
7:00pm	20	587	506	18,192	526	18,779
8:00pm	26	696	331	10,768	357	11,464
9:00pm	11	296	233	7,250	244	7,546
10:00pm	16	457	197	5,629	213	6,086
11:00pm	8	211	150	3,956	158	4,167
TOTAL	531	12,787	6,707	177,541	7,238	190,328

Note: New Jersey bus occupancy counts were determined based on Port Authority of NY&NJ bus traffic counts and on the occupancy rates from PA of NY&NJ 2011 Continuous Bus Survey.

SECTION A

EXPRESS BUS RIDERSHIP BY SECTOR AND OPERATOR

INBOUND EXPRESS ONLY

2011

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		
12:00am	-	-	2	3	-	-	-	-	-	-	-	-	-	-	67	796	69	799
1:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	529	32	529
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	330	16	330
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	513	17	513
4:00am	-	-	-	-	-	-	1	27	-	-	-	-	-	-	33	1,164	34	1,191
5:00am	7	95	11	249	7	72	12	418	4	62	-	-	2	48	184	6,975	227	7,919
6:00am	16	333	40	1,293	8	100	60	2,230	9	246	2	60	39	1,230	513	19,832	687	25,324
7:00am	16	977	65	2,269	6	75	107	4,230	23	834	6	224	96	3,356	758	28,548	1,077	40,513
8:00am	14	1,077	48	1,587	2	21	147	6,045	25	1,026	15	459	104	3,647	952	33,617	1,307	47,479
9:00am	11	719	25	529	-	-	85	3,154	10	283	4	136	39	958	726	22,334	900	28,113
10:00am	9	389	18	379	2	37	26	843	5	62	-	-	13	249	321	8,882	394	10,841
11:00am	9	325	17	210	-	-	14	468	4	54	-	-	12	159	242	5,876	298	7,092
12:00pm	9	340	17	198	1	-	8	302	4	29	-	-	10	95	218	4,711	267	5,675
1:00pm	9	386	17	199	-	-	9	267	4	23	-	-	9	48	245	4,554	293	5,477
2:00pm	10	320	17	165	-	-	8	270	4	13	-	-	10	49	311	5,107	360	5,924
3:00pm	10	466	17	156	-	-	8	238	3	15	-	-	8	32	437	6,494	483	7,401
4:00pm	11	500	16	151	-	-	7	220	3	8	-	-	9	25	659	9,726	705	10,630
5:00pm	8	497	17	168	-	-	9	234	2	6	-	-	8	25	450	7,048	494	7,978
6:00pm	8	441	16	65	-	-	4	57	-	-	-	-	6	13	487	7,279	521	7,855
7:00pm	7	335	14	67	-	-	2	30	-	-	-	-	6	6	321	4,807	350	5,245
8:00pm	6	307	11	46	-	-	2	39	-	-	-	-	5	8	218	3,003	242	3,403
9:00pm	5	162	13	59	-	-	3	49	-	-	-	-	5	5	182	2,241	208	2,516
10:00pm	2	54	12	56	-	-	2	53	-	-	-	-	5	2	170	1,736	191	1,901
11:00pm	-	-	11	26	-	-	1	13	-	-	-	-	4	1	105	1,280	121	1,320
TOTAL	167	7,723	404	7,875	26	305	515	19,187	100	2,661	27	879	390	9,956	7,664	187,382	9,293	235,968

EXPRESS BUS RIDERSHIP BY SECTOR AND OPERATOR

OUTBOUND EXPRESS ONLY

2011

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
12:00am	-	-	11	116	-	-	12	306	3	31	-	-	4	31	30	700	60	1,184
1:00am	-	-	3	29	-	-	5	171	-	-	-	-	-	-	56	1,058	64	1,258
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	150	9	150
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	98	7	98
4:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	33	2	33
5:00am	1	8	-	-	-	-	-	-	-	-	-	-	-	-	3	34	4	42
6:00am	4	153	2	2	-	-	-	-	-	-	-	-	-	-	278	3,123	284	3,278
7:00am	11	787	14	131	-	-	-	-	-	-	-	-	-	-	565	6,549	590	7,467
8:00am	18	1,057	19	67	-	-	4	69	-	-	-	-	5	7	703	9,132	749	10,332
9:00am	14	553	16	29	-	-	4	37	-	-	-	-	11	7	757	11,116	802	11,742
10:00am	12	324	15	23	-	-	4	46	2	7	-	-	6	4	368	6,189	407	6,593
11:00am	8	226	16	46	-	-	6	107	3	3	-	-	9	32	212	3,896	254	4,310
12:00pm	9	339	17	71	1	14	6	128	2	8	-	-	10	37	216	4,464	261	5,061
1:00pm	8	313	17	107	-	-	12	324	5	27	-	-	9	60	166	4,081	217	4,912
2:00pm	9	409	19	158	3	-	14	474	3	37	-	-	11	91	207	6,242	266	7,411
3:00pm	10	561	23	297	2	30	35	1,339	8	107	-	-	18	233	290	10,465	386	13,032
4:00pm	9	646	40	683	4	38	62	2,239	15	323	6	123	47	828	433	17,209	616	22,089
5:00pm	12	1,057	58	1,383	4	50	106	4,171	19	523	12	339	84	2,466	702	28,977	997	38,966
6:00pm	10	855	47	1,008	4	17	102	3,764	16	506	10	285	71	1,852	736	28,770	996	37,057
7:00pm	10	590	33	590	2	27	62	2,249	7	156	3	78	36	805	526	18,779	679	23,274
8:00pm	6	289	24	392	2	24	34	1,227	10	179	-	-	11	265	357	11,464	444	13,840
9:00pm	7	280	15	192	-	-	23	703	4	64	-	-	7	157	244	7,546	300	8,942
10:00pm	7	230	15	185	-	-	17	442	3	36	-	-	6	112	213	6,086	261	7,091
11:00pm	-	-	13	144	-	-	15	394	4	43	-	-	8	76	158	4,167	198	4,824
TOTAL	165	8,677	417	5,653	22	200	523	18,190	104	2,050	31	825	353	7,063	7,238	190,328	8,853	232,986

Note: New Jersey bus occupancy counts were determined based on Port Authority of NY&NJ bus traffic counts and on the occupancy rates from PA of NY&NJ 2011 Continuous Bus Survey.

SECTION A
MTA BUS CO. EXPRESS BUS RIDERSHIP
BY ROUTE - ORIGINAL DATA
2011

Route	Daily	12am-6am	6am-9am	9am-4pm	4pm-7pm	7pm-12am
BM1	1,621	48	740	203	491	139
BM2	1,137	13	443	174	355	152
BM3	1,069	25	456	160	307	121
BM4	884	7	467	131	213	66
BM5	703	29	259	120	217	78
BxM1	1,272	35	574	358	196	109
BxM2	523	5	181	171	97	69
BxM3	654	14	276	119	157	88
BxM4	389	0	149	79	112	49
BxM6	779	16	372	132	176	83
BxM7	3,002	131	1,062	563	710	536
BxM8	1,757	44	737	240	562	174
BxM9	1,856	94	582	380	569	231
BxM10	1,649	21	634	291	469	234
BxM11	1,264	37	521	234	311	161
BxM18	383	0	261	0	99	23
QM1	662	0	303	122	220	17
QM2	2,355	9	947	453	689	257
QM3	147	0	92	0	55	0
QM4	883	0	451	113	221	98
QM5	1,934	37	667	295	651	284
QM6	995	4	467	134	263	127
QM7	1,131	0	744	107	219	61
QM8	699	0	311	0	352	36
QM10	322	0	151	40	119	12
QM11	438	0	188	41	189	20
QM12	462	0	238	35	155	34
QM15	1,523	0	883	224	292	124
QM16	489	0	274	0	188	27
QM17	528	0	278	0	233	17
QM18	272	0	146	22	104	0
QM20	1,329	0	670	201	315	143
QM21	485	0	249	26	154	56
QM24	1,240	0	666	108	428	38
QM25	422	0	256	13	145	8
Total	35,258	569	15,695	5,289	10,033	3,672

SECTION B

SUBWAY BY SECTOR SUMMARY, 2011-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	22	208	3,066	36	330	1,610	18	186	1,531	5	37	278	81	761	6,485
1:00am	21	198	882	28	254	614	12	123	676	3	22	144	64	597	2,316
2:00am	20	188	460	30	274	416	12	123	273	4	30	108	66	615	1,257
3:00am	22	208	1,040	27	242	949	12	123	682	3	23	122	64	596	2,793
4:00am	21	198	3,501	26	242	3,928	12	123	2,597	4	30	403	63	593	10,429
5:00am	41	390	14,480	44	388	14,161	21	210	11,068	3	22	1,953	109	1,010	41,662
6:00am	69	646	33,676	86	764	40,848	53	521	27,691	19	144	6,915	227	2,075	109,130
7:00am	98	928	78,602	128	1,142	96,393	75	744	61,400	36	272	17,629	337	3,086	254,024
8:00am	119	1,130	115,434	155	1,382	147,219	87	857	87,299	48	361	27,306	409	3,730	377,258
9:00am	94	880	65,966	129	1,162	86,263	68	674	52,173	38	287	11,686	329	3,003	216,088
10:00am	86	808	37,863	108	970	44,370	54	528	29,942	22	164	4,458	270	2,470	116,633
11:00am	78	732	32,663	100	896	32,888	52	507	20,693	22	163	3,393	252	2,298	89,637
12:00pm	82	772	32,171	101	912	28,910	49	476	16,611	21	156	2,971	253	2,316	80,663
1:00pm	81	758	33,223	102	916	28,795	51	496	16,464	21	156	2,804	255	2,326	81,286
2:00pm	79	738	35,667	106	952	29,601	51	498	17,758	25	188	2,802	261	2,376	85,828
3:00pm	89	836	47,299	109	982	30,822	56	546	19,741	19	140	3,364	273	2,504	101,226
4:00pm	110	1,030	52,761	132	1,186	32,270	71	692	21,403	33	251	5,562	346	3,159	111,996
5:00pm	102	952	56,542	122	1,092	34,347	76	756	23,035	47	354	9,295	347	3,154	123,219
6:00pm	79	732	40,976	125	1,132	24,069	67	661	15,513	42	314	6,196	313	2,839	86,754
7:00pm	78	730	28,535	109	976	15,637	66	647	9,850	24	180	3,123	277	2,533	57,145
8:00pm	68	630	20,182	103	918	11,248	58	568	6,728	23	172	1,815	252	2,288	39,973
9:00pm	66	614	15,337	84	742	8,689	48	470	5,367	20	150	1,422	218	1,976	30,815
10:00pm	48	450	12,244	71	634	7,010	43	417	4,183	16	120	1,027	178	1,621	24,464
11:00pm	33	312	8,262	51	464	4,519	25	256	2,530	16	119	568	125	1,151	15,879
TOTAL	1,606	15,068	770,832	2,112	18,952	725,576	1,137	11,202	455,208	514	3,855	115,344	5,369	49,077	2,066,960

SECTION B

SUBWAY BY SECTOR
SUMMARY, 2011-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	29	274	6,753	39	352	9,498	20	206	6,926	6	44	1,077	94	876	24,254
1:00am	25	234	2,049	26	234	2,084	13	134	2,007	4	30	520	68	632	6,660
2:00am	21	198	974	30	278	803	12	123	659	3	23	270	66	622	2,706
3:00am	20	190	1,039	26	234	1,059	12	123	764	3	22	180	61	569	3,042
4:00am	19	180	1,813	27	248	1,390	12	123	1,160	4	30	210	62	581	4,573
5:00am	25	236	6,311	36	330	2,921	17	174	2,586	4	31	447	82	771	12,265
6:00am	40	374	19,207	80	722	9,886	43	427	7,799	21	159	1,605	184	1,682	38,497
7:00am	80	738	45,498	116	1,038	21,224	64	639	14,550	38	286	4,272	298	2,701	85,544
8:00am	107	990	50,741	145	1,304	25,142	83	824	17,132	46	345	7,486	381	3,463	100,501
9:00am	118	1,110	33,618	137	1,228	19,370	72	710	11,606	35	261	3,320	362	3,309	67,914
10:00am	93	878	27,315	108	970	14,709	57	559	9,093	22	164	1,564	280	2,571	52,681
11:00am	86	804	25,770	100	898	16,836	52	506	10,097	21	156	1,549	259	2,364	54,252
12:00pm	80	754	29,484	101	910	22,055	48	468	13,102	21	156	1,968	250	2,288	66,609
1:00pm	80	752	32,349	102	916	24,978	49	476	15,458	21	156	2,265	252	2,300	75,050
2:00pm	79	738	38,155	103	922	31,227	53	518	20,534	21	156	2,951	256	2,334	92,867
3:00pm	82	768	49,645	105	938	48,448	55	540	32,365	23	172	5,085	265	2,418	135,543
4:00pm	87	816	62,152	119	1,066	69,079	69	678	47,399	35	265	10,305	310	2,825	188,935
5:00pm	105	990	88,858	146	1,296	106,263	83	823	70,235	47	354	22,286	381	3,463	287,642
6:00pm	94	890	73,830	121	1,086	90,223	69	678	57,055	41	307	19,089	325	2,961	240,197
7:00pm	88	828	48,664	113	1,010	62,967	68	669	38,200	24	180	10,341	293	2,687	160,172
8:00pm	76	708	34,875	103	922	45,286	60	586	28,195	23	172	6,992	262	2,388	115,348
9:00pm	64	596	27,971	90	794	33,846	52	505	21,640	22	165	5,029	228	2,060	88,486
10:00pm	61	572	22,771	75	668	26,549	44	427	17,893	16	120	3,228	196	1,787	70,441
11:00pm	43	408	16,863	53	480	18,935	36	354	14,592	10	74	2,282	142	1,316	52,672
TOTAL	1,602	15,026	746,705	2,101	18,844	704,778	1,143	11,270	461,047	511	3,828	114,321	5,357	48,968	2,026,851

SECTION B

SUBWAY BY SECTOR MTA NYC TRANSIT SUMMARY, 2011-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	22	208	3,066	36	330	1,610	18	186	1,531	76	724	6,207
1:00am	21	198	882	28	254	614	12	123	676	61	575	2,172
2:00am	20	188	460	30	274	416	12	123	273	62	585	1,149
3:00am	22	208	1,040	27	242	949	12	123	682	61	573	2,671
4:00am	21	198	3,501	26	242	3,928	12	123	2,597	59	563	10,026
5:00am	41	390	14,480	44	388	14,161	21	210	11,068	106	988	39,709
6:00am	69	646	33,676	86	764	40,848	53	521	27,691	208	1,931	102,215
7:00am	98	928	78,602	128	1,142	96,393	75	744	61,400	301	2,814	236,395
8:00am	119	1,130	115,434	155	1,382	147,219	87	857	87,299	361	3,369	349,952
9:00am	94	880	65,966	129	1,162	86,263	68	674	52,173	291	2,716	204,402
10:00am	86	808	37,863	108	970	44,370	54	528	29,942	248	2,306	112,175
11:00am	78	732	32,663	100	896	32,888	52	507	20,693	230	2,135	86,244
12:00pm	82	772	32,171	101	912	28,910	49	476	16,611	232	2,160	77,692
1:00pm	81	758	33,223	102	916	28,795	51	496	16,464	234	2,170	78,482
2:00pm	79	738	35,667	106	952	29,601	51	498	17,758	236	2,188	83,026
3:00pm	89	836	47,299	109	982	30,822	56	546	19,741	254	2,364	97,862
4:00pm	110	1,030	52,761	132	1,186	32,270	71	692	21,403	313	2,908	106,434
5:00pm	102	952	56,542	122	1,092	34,347	76	756	23,035	300	2,800	113,924
6:00pm	79	732	40,976	125	1,132	24,069	67	661	15,513	271	2,525	80,558
7:00pm	78	730	28,535	109	976	15,637	66	647	9,850	253	2,353	54,022
8:00pm	68	630	20,182	103	918	11,248	58	568	6,728	229	2,116	38,158
9:00pm	66	614	15,337	84	742	8,689	48	470	5,367	198	1,826	29,393
10:00pm	48	450	12,244	71	634	7,010	43	417	4,183	162	1,501	23,437
11:00pm	33	312	8,262	51	464	4,519	25	256	2,530	109	1,032	15,311
TOTAL	1,606	15,068	770,832	2,112	18,952	725,576	1,137	11,202	455,208	4,855	45,222	1,951,616

SECTION B

SUBWAY BY SECTOR
MTA NYC TRANSIT SUMMARY, 2011-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	29	274	6,753	39	352	9,498	20	206	6,926	88	832	23,177
1:00am	25	234	2,049	26	234	2,084	13	134	2,007	64	602	6,140
2:00am	21	198	974	30	278	803	12	123	659	63	599	2,436
3:00am	20	190	1,039	26	234	1,059	12	123	764	58	547	2,862
4:00am	19	180	1,813	27	248	1,390	12	123	1,160	58	551	4,363
5:00am	25	236	6,311	36	330	2,921	17	174	2,586	78	740	11,818
6:00am	40	374	19,207	80	722	9,886	43	427	7,799	163	1,523	36,892
7:00am	80	738	45,498	116	1,038	21,224	64	639	14,550	260	2,415	81,272
8:00am	107	990	50,741	145	1,304	25,142	83	824	17,132	335	3,118	93,015
9:00am	118	1,110	33,618	137	1,228	19,370	72	710	11,606	327	3,048	64,594
10:00am	93	878	27,315	108	970	14,709	57	559	9,093	258	2,407	51,117
11:00am	86	804	25,770	100	898	16,836	52	506	10,097	238	2,208	52,703
12:00pm	80	754	29,484	101	910	22,055	48	468	13,102	229	2,132	64,641
1:00pm	80	752	32,349	102	916	24,978	49	476	15,458	231	2,144	72,785
2:00pm	79	738	38,155	103	922	31,227	53	518	20,534	235	2,178	89,916
3:00pm	82	768	49,645	105	938	48,448	55	540	32,365	242	2,246	130,458
4:00pm	87	816	62,152	119	1,066	69,079	69	678	47,399	275	2,560	178,630
5:00pm	105	990	88,858	146	1,296	106,263	83	823	70,235	334	3,109	265,356
6:00pm	94	890	73,830	121	1,086	90,223	69	678	57,055	284	2,654	221,108
7:00pm	88	828	48,664	113	1,010	62,967	68	669	38,200	269	2,507	149,831
8:00pm	76	708	34,875	103	922	45,286	60	586	28,195	239	2,216	108,356
9:00pm	64	596	27,971	90	794	33,846	52	505	21,640	206	1,895	83,457
10:00pm	61	572	22,771	75	668	26,549	44	427	17,893	180	1,667	67,213
11:00pm	43	408	16,863	53	480	18,935	36	354	14,592	132	1,242	50,390
TOTAL	1,602	15,026	746,705	2,101	18,844	704,778	1,143	11,270	461,047	4,846	45,140	1,912,530

SECTION B

SUBWAY BY LOCATION 60TH STREET SECTOR, 2011-INBOUND

HOURS	LEXINGTON AVE EXPRESS 86 ST. - LEXINGTON AVE VIA 4, 5 LINES (Express)			LEXINGTON AVE LOCAL 68TH ST./LEXINGTON AVE VIA 4*, 6 LINES (Local)			8TH AVENUE EXPRESS 125 ST./NICHOLAS ST VIA A*, D LINES (Express)			8TH AVENUE LOCAL 72 ST./CENT. PK WEST VIA A, B, C LINES (Local)			B'WAY/7TH AVE EXPRESS 72 ND ST./BROADWAY VIA 2, 3, LINES (Express)			B'WAY/7TH AVE LOCAL 66TH ST./BROADWAY VIA 1, 2 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	1	10	110	4	40	1,044	4	32	162	2	16	297	4	40	645	7	70	808	22	208	3,066
1:00am	0	0	0	6	60	436	3	24	67	3	24	65	3	30	170	6	60	144	21	198	882
2:00am	0	0	0	7	70	229	3	24	35	3	24	39	3	30	69	4	40	88	20	188	460
3:00am	0	0	0	5	50	356	3	24	226	3	24	159	4	40	168	7	70	131	22	208	1,040
4:00am	0	0	0	7	70	1,669	3	24	616	3	24	556	2	20	334	6	60	326	21	198	3,501
5:00am	7	70	4,247	7	70	3,175	6	48	2,853	4	32	925	10	100	2,160	7	70	1,120	41	390	14,480
6:00am	17	170	11,728	11	110	4,465	13	104	7,555	9	72	1,587	12	120	5,652	7	70	2,689	69	646	33,676
7:00am	24	240	22,354	16	160	12,669	14	112	16,928	12	96	4,394	19	190	13,813	13	130	8,444	98	928	78,602
8:00am	27	270	25,600	21	210	23,912	18	144	20,374	12	96	8,827	23	230	21,136	18	180	15,585	119	1,130	115,434
9:00am	17	170	13,308	18	180	13,647	16	128	10,827	14	112	5,665	17	170	12,653	12	120	9,866	94	880	65,966
10:00am	15	150	8,254	16	160	7,365	14	112	6,745	12	96	2,859	16	160	7,250	13	130	5,390	86	808	37,863
11:00am	15	150	7,137	14	140	6,954	12	96	5,546	12	96	2,499	15	150	5,998	10	100	4,529	78	732	32,663
12:00pm	16	160	6,773	16	160	7,008	12	96	5,276	12	96	2,665	15	150	5,876	11	110	4,573	82	772	32,171
1:00pm	15	150	7,093	15	150	7,606	14	112	5,334	12	96	2,693	15	150	5,806	10	100	4,691	81	758	33,223
2:00pm	14	140	7,703	14	140	7,951	14	112	5,763	12	96	2,857	15	150	6,127	10	100	5,266	79	738	35,667
3:00pm	22	220	10,213	15	150	11,439	14	112	6,916	13	104	4,142	14	140	7,645	11	110	6,944	89	836	47,299
4:00pm	25	250	10,750	19	190	13,222	22	176	7,204	13	104	5,281	17	170	8,885	14	140	7,419	110	1,030	52,761
5:00pm	19	190	10,572	20	200	14,435	20	160	7,815	14	112	5,730	16	160	9,468	13	130	8,522	102	952	56,542
6:00pm	13	130	7,299	14	140	10,337	16	128	5,098	13	104	4,060	11	110	7,219	12	120	6,963	79	732	40,976
7:00pm	15	150	4,866	13	130	7,010	13	104	3,337	12	96	2,468	12	120	5,560	13	130	5,294	78	730	28,535
8:00pm	10	100	3,738	10	100	5,161	13	104	2,670	12	96	1,598	12	120	3,422	11	110	3,593	68	630	20,182
9:00pm	14	140	2,909	8	80	3,521	12	96	2,124	11	88	976	11	110	3,023	10	100	2,784	66	614	15,337
10:00pm	11	110	2,265	6	60	2,463	7	56	1,103	8	64	1,286	9	90	2,212	7	70	2,915	48	450	12,244
11:00pm	7	70	1,509	4	40	1,769	4	32	342	5	40	971	7	70	1,757	6	60	1,914	33	312	8,262
TOTAL	304	3,040	168,428	286	2,860	167,843	270	2,160	124,916	226	1,808	62,599	282	2,820	137,048	238	2,380	109,998	1,606	15,068	770,832

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

SECTION B

SUBWAY BY LOCATION

60TH STREET SECTOR, 2011-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	0	0	0	9	90	2,770	4	32	809	4	32	806	7	70	874	5	50	1,494	29	274	6,753
1:00am	0	0	0	7	70	729	4	32	352	4	32	159	3	30	33	7	70	776	25	234	2,049
2:00am	0	0	0	6	60	390	3	24	156	3	24	88	3	30	18	6	60	322	21	198	974
3:00am	0	0	0	6	60	406	2	16	110	3	24	146	3	30	54	6	60	323	20	190	1,039
4:00am	0	0	0	5	50	917	4	32	176	1	8	168	3	30	153	6	60	399	19	180	1,813
5:00am	4	40	1,937	4	40	1,478	7	56	1,268	0	0	0	3	30	284	7	70	1,344	25	236	6,311
6:00am	8	80	4,383	6	60	5,771	9	72	3,338	4	32	402	8	80	2,820	5	50	2,493	40	374	19,207
7:00am	14	140	11,898	13	130	10,619	17	136	5,340	14	112	3,471	14	140	8,304	8	80	5,866	80	738	45,498
8:00am	21	210	9,764	16	160	14,631	24	192	5,799	16	128	3,878	17	170	8,996	13	130	7,673	107	990	50,741
9:00am	26	260	5,457	21	210	10,541	20	160	3,838	15	120	2,705	17	170	6,067	19	190	5,010	118	1,110	33,618
10:00am	21	210	4,652	18	180	7,933	14	112	3,611	12	96	2,313	16	160	5,034	12	120	3,772	93	878	27,315
11:00am	16	160	4,317	14	140	7,289	15	120	3,404	13	104	2,316	16	160	4,547	12	120	3,897	86	804	25,770
12:00pm	16	160	5,494	16	160	7,199	11	88	4,572	12	96	2,515	15	150	5,120	10	100	4,584	80	754	29,484
1:00pm	15	150	5,734	15	150	8,126	12	96	5,047	12	96	2,805	16	160	5,815	10	100	4,822	80	752	32,349
2:00pm	15	150	8,994	15	150	7,511	14	112	7,003	12	96	2,317	13	130	6,666	10	100	5,664	79	738	38,155
3:00pm	16	160	12,051	15	150	9,935	14	112	8,222	12	96	4,227	15	150	7,936	10	100	7,274	82	768	49,645
4:00pm	18	180	17,208	15	150	10,915	15	120	11,208	12	96	4,532	17	170	9,761	10	100	8,528	87	816	62,152
5:00pm	24	240	22,936	20	200	16,896	18	144	14,936	12	96	6,867	17	170	14,718	14	140	12,505	105	990	88,858
6:00pm	21	210	16,561	19	190	14,730	13	104	12,193	12	96	5,920	16	160	13,930	13	130	10,496	94	890	73,830
7:00pm	20	200	11,597	13	130	8,455	14	112	8,461	12	96	4,058	17	170	9,011	12	120	7,082	88	828	48,664
8:00pm	13	130	6,416	12	120	7,051	14	112	7,038	12	96	2,648	12	120	6,441	13	130	5,281	76	708	34,875
9:00pm	13	130	5,367	7	70	5,456	10	80	5,849	12	96	2,087	12	120	5,158	10	100	4,054	64	596	27,971
10:00pm	13	130	4,783	11	110	3,903	10	80	4,993	9	72	1,606	9	90	4,539	9	90	2,947	61	572	22,771
11:00pm	10	100	4,877	5	50	2,258	10	80	4,338	1	8	169	11	110	2,743	6	60	2,478	43	408	16,863
TOTAL	304	3,040	164,426	288	2,880	165,909	278	2,224	122,061	219	1,752	56,203	280	2,800	129,022	233	2,330	109,084	1,602	15,026	746,705

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

SECTION B

SUBWAY BY LOCATION BROOKLYN SECTOR, 2011-INBOUND

HOURS	14TH STREET TUNNEL			WILLIAMSBURG BRIDGE			RUTGERS ST. TUNNEL			MANHATTAN BRIDGE			MANHATTAN BRIDGE		
	BEDFORD AVENUE			MARCY AVENUE			YORK AVENUE			VIA DEKALB AVENUE			VIA PACIFIC STREET		
	L LINE (LOCAL)			J, Z, M LINES (LOCAL)			F LINE (LOCAL)			B,D,N,Q LINES (LOCAL)			D, N LINES (EXPRESS)		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	32	476	3	24	117	5	50	140	7	62	209	0	0	0
1:00am	4	32	153	3	24	48	3	30	71	6	54	76	0	0	0
2:00am	4	32	89	3	24	50	3	30	29	6	54	62	0	0	0
3:00am	5	40	143	3	24	133	3	30	67	6	54	138	0	0	0
4:00am	3	24	415	3	24	552	3	30	225	5	46	665	0	0	0
5:00am	9	72	1,871	6	48	1,662	4	40	848	10	90	2,591	0	0	0
6:00am	10	80	5,215	11	88	3,945	6	60	2,679	12	108	6,749	10	92	3,247
7:00am	14	112	11,564	15	120	9,508	11	110	7,369	16	144	13,641	17	152	12,332
8:00am	17	136	17,985	16	128	12,515	13	130	12,227	18	162	18,878	19	172	22,460
9:00am	13	104	12,046	14	112	7,063	10	100	7,711	14	126	11,477	14	126	12,161
10:00am	11	88	5,947	12	96	3,939	8	80	3,874	12	108	6,145	12	108	6,343
11:00am	9	72	4,385	11	88	2,981	8	80	3,100	12	108	4,360	11	98	4,076
12:00pm	8	64	3,506	12	96	2,616	8	80	2,677	11	98	3,940	13	118	3,366
1:00pm	9	72	3,662	12	96	2,602	8	80	2,689	12	108	3,822	12	108	3,248
2:00pm	10	80	3,817	12	96	2,756	10	100	2,877	12	108	3,850	12	108	3,411
3:00pm	9	72	3,867	12	96	2,680	9	90	3,135	12	108	3,648	13	118	3,633
4:00pm	11	88	3,780	17	136	2,591	15	150	3,421	13	116	3,527	15	134	3,622
5:00pm	15	120	3,885	16	128	2,560	13	130	3,701	11	100	3,513	13	116	3,822
6:00pm	13	104	3,000	13	104	1,777	12	120	2,999	13	118	2,411	12	108	2,753
7:00pm	13	104	2,090	11	88	1,190	11	110	1,917	12	108	1,434	12	108	1,609
8:00pm	12	96	1,392	11	88	890	10	100	1,281	13	118	1,014	12	108	1,084
9:00pm	10	80	1,152	11	88	694	6	60	839	12	108	903	9	82	783
10:00pm	8	64	1,108	9	72	625	6	60	628	16	150	1,151	2	16	153
11:00pm	5	40	799	7	56	390	5	50	463	10	90	582	0	0	0
TOTAL	226	1,808	92,347	243	1,944	63,884	190	1,900	64,967	271	2,446	94,786	208	1,872	88,103

SECTION B

SUBWAY BY LOCATION
BROOKLYN SECTOR, 2011-INBOUND (CONT'D)

HOURS	CRANBERRY ST. TUNNEL			CLARK ST. TUNNEL			MONTAGUE ST. TUNNEL			JORALEMON ST. TUNNEL			TOTAL		
	VIA HIGH STREET			VIA CLARK STREET			VIA COURT STREET			VIA BOROUGH HALL			BROOKLYN SECTOR		
	A, C LINES (LOCAL)			2,3 LINES (LOCAL)			N, R LINES (LOCAL)			4, 5 LINES (LOCAL)			TRAINS	CARS	PSGRS
12:00am	4	32	235	5	50	162	4	40	110	4	40	161	36	330	1,610
1:00am	3	24	101	2	20	31	3	30	67	4	40	67	28	254	614
2:00am	3	24	62	5	50	52	3	30	37	3	30	35	30	274	416
3:00am	3	24	149	2	20	92	3	30	96	2	20	131	27	242	949
4:00am	1	8	633	3	30	338	4	40	436	4	40	664	26	242	3,928
5:00am	5	40	2,214	3	30	1,230	3	28	1,607	4	40	2,138	44	388	14,161
6:00am	11	88	7,192	10	100	3,699	6	48	2,184	10	100	5,938	86	764	40,848
7:00am	16	128	17,032	15	150	8,895	7	56	3,211	17	170	12,841	128	1,142	96,393
8:00am	24	192	23,427	16	160	13,797	9	72	6,608	23	230	19,322	155	1,382	147,219
9:00am	15	120	13,179	18	180	8,180	8	64	3,717	23	230	10,729	129	1,162	86,263
10:00am	14	112	6,995	16	160	3,898	6	48	1,795	17	170	5,434	108	970	44,370
11:00am	14	112	5,371	14	140	3,148	6	48	1,292	15	150	4,175	100	896	32,888
12:00pm	11	88	4,789	16	160	2,931	6	48	1,186	16	160	3,899	101	912	28,910
1:00pm	13	104	4,712	15	150	2,922	6	48	1,156	15	150	3,982	102	916	28,795
2:00pm	14	112	4,712	15	150	3,071	6	48	1,094	15	150	4,013	106	952	29,601
3:00pm	14	112	5,209	16	160	3,261	7	56	1,222	17	170	4,167	109	982	30,822
4:00pm	16	128	5,701	17	170	3,841	8	64	1,151	20	200	4,636	132	1,186	32,270
5:00pm	13	104	6,270	13	130	4,252	8	64	1,256	20	200	5,088	122	1,092	34,347
6:00pm	14	112	4,152	20	200	2,840	7	56	882	21	210	3,255	125	1,132	24,069
7:00pm	13	104	2,718	14	140	1,879	8	64	493	15	150	2,307	109	976	15,637
8:00pm	14	112	2,077	12	120	1,391	7	56	367	12	120	1,752	103	918	11,248
9:00pm	11	88	1,624	11	110	1,082	7	56	234	7	70	1,378	84	742	8,689
10:00pm	9	72	1,330	10	100	883	5	40	57	6	60	1,075	71	634	7,010
11:00pm	5	40	739	9	90	527	5	48	335	5	50	684	51	464	4,519
TOTAL	260	2,080	120,623	277	2,770	72,402	142	1,182	30,593	295	2,950	97,871	2,112	18,952	725,576

SECTION B

SUBWAY BY LOCATION BROOKLYN SECTOR, 2011-OUTBOUND

HOURS	14TH STREET TUNNEL VIA FIRST AVENUE L LINE (LOCAL)			WILLIAMSBURG BRIDGE VIA ESSEX STREET J, Z, M LINES (LOCAL)			RUTGERS ST. TUNNEL VIA EAST BROADWAY F LINE (LOCAL)			MANHATTAN BRIDGE VIA GRAND ST(B ,D) LOCAL VIA CANAL ST(N,Q) LOCAL			MONTAGUE ST.TUNNEL VIA WHITEHALL STREET N*, R LINES		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	6	48	1,762	4	32	750	5	50	959	3	30	587	3	30	682
1:00am	4	32	660	3	24	101	3	30	170	3	30	166	3	30	184
2:00am	3	24	135	3	24	96	3	30	54	3	30	52	3	30	50
3:00am	3	24	251	3	24	134	3	30	101	3	30	66	3	30	59
4:00am	2	16	224	3	24	138	3	30	136	3	30	93	3	30	84
5:00am	5	40	478	3	24	137	3	30	284	3	30	174	3	30	247
6:00am	9	72	1,327	8	64	736	6	60	904	8	74	1,014	5	40	505
7:00am	13	104	2,328	12	96	1,422	11	110	2,078	10	88	2,437	9	72	1,352
8:00am	16	128	2,321	20	160	1,709	14	140	2,459	13	118	2,841	8	64	1,454
9:00am	15	120	2,102	17	136	1,321	13	130	1,909	13	116	2,191	8	64	1,116
10:00am	10	80	1,800	12	96	1,125	11	110	1,411	12	108	1,845	7	56	698
11:00am	10	80	2,279	10	80	1,438	8	80	1,480	12	108	2,026	6	48	771
12:00pm	7	56	3,100	13	104	2,008	8	80	1,972	12	108	2,616	6	48	942
1:00pm	9	72	3,481	12	96	2,166	8	80	2,243	12	108	2,939	6	48	1,070
2:00pm	10	80	4,580	12	96	2,864	8	80	2,959	11	98	4,625	6	48	1,341
3:00pm	10	80	7,005	13	104	4,239	8	80	4,342	12	106	6,039	6	48	2,228
4:00pm	11	88	9,913	14	112	5,488	10	100	6,167	9	78	9,289	8	64	3,650
5:00pm	15	120	14,896	18	144	8,131	12	120	9,677	17	152	13,533	10	80	5,907
6:00pm	13	104	15,031	13	104	6,472	12	120	9,027	14	126	12,931	7	56	3,935
7:00pm	12	96	10,845	13	104	4,690	12	120	6,067	11	98	8,770	8	64	2,334
8:00pm	12	96	7,829	11	88	3,577	10	100	4,266	14	128	6,396	6	48	1,546
9:00pm	11	88	6,115	12	96	2,869	7	70	3,302	12	108	4,515	6	48	1,073
10:00pm	9	72	4,733	9	72	2,202	6	60	2,440	9	82	2,802	5	40	788
11:00pm	6	48	3,679	7	56	1,687	6	60	1,762	5	50	1,249	5	46	922
TOTAL	221	1,768	106,874	245	1,960	55,500	190	1,900	66,169	224	2,034	89,196	140	1,162	32,938

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

SECTION B

SUBWAY BY LOCATION
BROOKLYN SECTOR, 2011-OUTBOUND (CONT'D)

HOURS	CRANBERRY ST. TUNNEL			CLARK ST. TUNNEL			JORAEMON ST. TUNNEL			MANHATTAN BRIDGE			TOTAL		
	VIA BROADWAY/NASSAU			VIA WALL STREET			VIA BOWLING GREEN			VIA GRAND ST (D) EXPRESS			BROOKLYN SECTOR		
	A, C LINES			2, 3 LINES			4, 5 LINES			VIA CANAL ST (N) EXPRESS					
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	40	1,533	5	50	760	4	40	1,304	4	32	1,161	39	352	9,498
1:00am	3	24	275	2	20	70	2	20	104	3	24	354	26	234	2,084
2:00am	3	24	131	5	50	112	5	50	82	2	16	91	30	278	803
3:00am	3	24	138	2	20	72	2	20	105	4	32	133	26	234	1,059
4:00am	3	24	240	3	30	164	4	40	134	3	24	177	27	248	1,390
5:00am	4	32	484	5	50	259	6	60	356	4	34	502	36	330	2,921
6:00am	9	72	1,728	11	110	1,019	13	130	1,176	11	100	1,477	80	722	9,886
7:00am	14	112	3,626	15	150	2,407	21	210	2,921	11	96	2,653	116	1,038	21,224
8:00am	14	112	4,517	18	180	3,424	25	250	3,874	17	152	2,543	145	1,304	25,142
9:00am	17	136	3,658	20	200	2,491	21	210	2,936	13	116	1,646	137	1,228	19,370
10:00am	14	112	2,514	16	160	1,814	14	140	2,024	12	108	1,478	108	970	14,709
11:00am	13	104	2,854	14	140	1,906	15	150	2,215	12	108	1,867	100	898	16,836
12:00pm	12	96	3,714	16	160	2,412	15	150	2,719	12	108	2,572	101	910	22,055
1:00pm	13	104	4,109	15	150	2,676	15	150	2,861	12	108	3,433	102	916	24,978
2:00pm	14	112	5,066	15	150	3,175	16	160	3,820	11	98	2,797	103	922	31,227
3:00pm	14	112	7,602	15	150	4,519	15	150	5,906	12	108	6,568	105	938	48,448
4:00pm	16	128	10,808	15	150	6,856	24	240	8,498	12	106	8,410	119	1,066	69,079
5:00pm	21	168	15,832	13	130	10,455	21	210	13,666	19	172	14,166	146	1,296	106,263
6:00pm	15	120	13,072	17	170	8,504	14	140	9,478	16	146	11,773	121	1,086	90,223
7:00pm	15	120	8,846	14	140	5,838	16	160	7,894	12	108	7,683	113	1,010	62,967
8:00pm	13	104	6,536	13	130	4,442	12	120	4,992	12	108	5,702	103	922	45,286
9:00pm	12	96	5,150	12	120	3,336	6	60	2,712	12	108	4,774	90	794	33,846
10:00pm	9	72	3,891	10	100	2,670	7	70	3,091	11	100	3,932	75	668	26,549
11:00pm	5	40	2,801	7	70	1,753	5	50	1,908	7	60	3,174	53	480	18,935
TOTAL	261	2,088	109,125	278	2,780	71,134	298	2,980	84,776	244	2,172	89,066	2,101	18,844	704,778

SECTION B

SUBWAY BY LOCATION QUEENS SECTOR, 2011-INBOUND

HOURS	60TH STREET TUNNEL VIA QUEENSBORO PLAZA & N, Q, R LINES			53RD STREET TUNNEL VIA 23RD STREET/ELY AVE E, M LINES			STEINWAY ST. TUNNEL VIA VERNON AVE/JACKSON 7 LINE			63RD STREET TUNNEL VIA 63RD ST/LEXINGTON AVE F LINE			TOTAL QUEENS SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	40	320	4	40	395	6	66	281	4	40	535	18	186	1,531
1:00am	3	30	125	3	30	207	3	33	119	3	30	225	12	123	676
2:00am	3	30	40	3	30	106	3	33	65	3	30	62	12	123	273
3:00am	3	30	225	3	30	139	3	33	202	3	30	116	12	123	682
4:00am	3	30	779	3	30	630	3	33	665	3	30	523	12	123	2,597
5:00am	6	56	3,211	5	48	3,578	6	66	2,389	4	40	1,890	21	210	11,068
6:00am	16	144	7,752	13	120	9,309	17	187	5,863	7	70	4,767	53	521	27,691
7:00am	19	174	17,577	20	186	19,716	24	264	12,963	12	120	11,144	75	744	61,400
8:00am	23	212	25,076	24	220	26,907	25	275	19,241	15	150	16,075	87	857	87,299
9:00am	18	166	15,200	18	168	15,770	20	220	11,769	12	120	9,434	68	674	52,173
10:00am	18	168	9,005	15	138	9,240	12	132	6,253	9	90	5,444	54	528	29,942
11:00am	18	168	6,402	15	138	6,422	11	121	4,046	8	80	3,823	52	507	20,693
12:00pm	18	168	5,158	13	118	5,243	10	110	3,118	8	80	3,092	49	476	16,611
1:00pm	18	168	5,192	15	138	5,014	10	110	3,145	8	80	3,113	51	496	16,464
2:00pm	16	148	5,494	15	138	5,487	12	132	3,462	8	80	3,315	51	498	17,758
3:00pm	17	156	6,262	18	168	5,914	12	132	4,089	9	90	3,476	56	546	19,741
4:00pm	20	180	6,350	22	204	6,661	18	198	4,464	11	110	3,928	71	692	21,403
5:00pm	21	194	6,707	19	178	7,624	24	264	4,678	12	120	4,026	76	756	23,035
6:00pm	18	166	4,530	18	166	5,131	19	209	3,140	12	120	2,712	67	661	15,513
7:00pm	20	184	3,301	18	166	2,991	17	187	1,838	11	110	1,720	66	647	9,850
8:00pm	20	188	1,974	16	148	2,020	12	132	1,260	10	100	1,474	58	568	6,728
9:00pm	17	160	1,550	13	118	1,719	12	132	1,063	6	60	1,035	48	470	5,367
10:00pm	17	158	1,217	11	100	1,300	9	99	802	6	60	864	43	417	4,183
11:00pm	5	50	711	6	58	718	8	88	522	6	60	579	25	256	2,530
TOTAL	341	3,168	134,158	310	2,878	142,241	296	3,256	95,437	190	1,900	83,372	1,137	11,202	455,208

SECTION B

**SUBWAY BY LOCATION
QUEENS SECTOR, 2011-OUTBOUND**

HOURS	60TH STREET TUNNEL VIA LEXINGTON AVE N, R, Q LINES			53RD STREET TUNNEL VIA LEXINGTON AVE E, M LINES			STEINWAY ST. TUNNEL VIA GRAND CENTRAL 7 LINE			63RD STREET TUNNEL VIA 57TH ST/6TH AVE F LINE			TOTAL QUEENS SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	40	1,882	5	50	1,565	6	66	1,714	5	50	1,765	20	206	6,926
1:00am	3	30	635	3	30	354	4	44	521	3	30	497	13	134	2,007
2:00am	3	30	218	3	30	137	3	33	143	3	30	161	12	123	659
3:00am	3	30	233	3	30	164	3	33	238	3	30	129	12	123	764
4:00am	3	30	315	3	30	272	3	33	380	3	30	193	12	123	1,160
5:00am	3	30	501	5	48	660	6	66	1,004	3	30	421	17	174	2,586
6:00am	14	132	2,030	10	92	2,062	13	143	2,475	6	60	1,232	43	427	7,799
7:00am	18	168	3,884	14	128	3,695	23	253	4,486	9	90	2,485	64	639	14,550
8:00am	24	222	4,410	20	186	4,520	26	286	5,264	13	130	2,938	83	824	17,132
9:00am	21	192	3,061	20	188	3,191	20	220	3,299	11	110	2,055	72	710	11,606
10:00am	18	168	2,661	17	158	2,529	13	143	2,260	9	90	1,643	57	559	9,093
11:00am	18	168	2,952	16	148	2,989	10	110	2,262	8	80	1,894	52	506	10,097
12:00pm	17	158	3,841	13	120	3,889	10	110	2,904	8	80	2,468	48	468	13,102
1:00pm	18	168	4,554	13	118	4,593	10	110	3,400	8	80	2,911	49	476	15,458
2:00pm	18	168	5,961	15	138	6,335	12	132	4,438	8	80	3,800	53	518	20,534
3:00pm	18	168	9,288	15	140	10,537	12	132	6,626	10	100	5,914	55	540	32,365
4:00pm	22	206	13,246	19	176	15,163	16	176	10,251	12	120	8,739	69	678	47,399
5:00pm	21	192	20,145	22	206	21,568	25	275	14,966	15	150	13,556	83	823	70,235
6:00pm	19	176	17,121	20	184	16,766	18	198	12,203	12	120	10,965	69	678	57,055
7:00pm	21	194	11,943	18	168	11,150	17	187	8,123	12	120	6,984	68	669	38,200
8:00pm	20	184	8,907	16	148	8,187	14	154	5,956	10	100	5,145	60	586	28,195
9:00pm	18	166	6,984	15	138	6,038	11	121	4,807	8	80	3,811	52	505	21,640
10:00pm	17	158	6,119	12	110	4,342	9	99	4,151	6	60	3,281	44	427	17,893
11:00pm	10	94	4,475	11	100	3,599	10	110	3,822	5	50	2,696	36	354	14,592
TOTAL	351	3,272	135,366	308	2,864	134,305	294	3,234	105,693	190	1,900	85,683	1,143	11,270	461,047

SECTION B
SUBWAY BY LINE
NEW JERSEY SECTOR, 2011-INBOUND

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	2	16	128	3	21	150	5	37	278
1:00am	1	8	67	2	14	77	3	22	144
2:00am	2	16	49	2	14	59	4	30	108
3:00am	2	16	62	1	7	60	3	23	122
4:00am	2	16	218	2	14	185	4	30	403
5:00am	1	8	1,073	2	14	880	3	22	1,953
6:00am	11	88	3,353	8	56	3,562	19	144	6,915
7:00am	20	160	7,954	16	112	9,675	36	272	17,629
8:00am	25	200	11,639	23	161	15,667	48	361	27,306
9:00am	21	168	5,061	17	119	6,625	38	287	11,686
10:00am	10	80	2,049	12	84	2,409	22	164	4,458
11:00am	9	72	1,564	13	91	1,829	22	163	3,393
12:00pm	9	72	1,387	12	84	1,584	21	156	2,971
1:00pm	9	72	1,353	12	84	1,451	21	156	2,804
2:00pm	13	104	1,383	12	84	1,419	25	188	2,802
3:00pm	7	56	1,654	12	84	1,710	19	140	3,364
4:00pm	20	160	2,866	13	91	2,696	33	251	5,562
5:00pm	25	200	4,934	22	154	4,361	47	354	9,295
6:00pm	20	160	3,189	22	154	3,007	42	314	6,196
7:00pm	12	96	1,556	12	84	1,567	24	180	3,123
8:00pm	11	88	902	12	84	913	23	172	1,815
9:00pm	10	80	680	10	70	742	20	150	1,422
10:00pm	8	64	479	8	56	548	16	120	1,027
11:00pm	7	56	268	9	63	300	16	119	568
TOTAL	257	2,056	53,868	257	1,799	61,476	514	3,855	115,344

NEW JERSEY SECTOR, 2011-OUTBOUND

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	2	16	313	4	28	764	6	44	1,077
1:00am	2	16	139	2	14	381	4	30	520
2:00am	2	16	74	1	7	196	3	23	270
3:00am	1	8	55	2	14	125	3	22	180
4:00am	2	16	67	2	14	143	4	30	210
5:00am	3	24	239	1	7	208	4	31	447
6:00am	12	96	785	9	63	820	21	159	1,605
7:00am	20	160	2,025	18	126	2,247	38	286	4,272
8:00am	23	184	3,809	23	161	3,677	46	345	7,486
9:00am	16	128	1,660	19	133	1,660	35	261	3,320
10:00am	10	80	682	12	84	882	22	164	1,564
11:00am	9	72	649	12	84	900	21	156	1,549
12:00pm	9	72	774	12	84	1,194	21	156	1,968
1:00pm	9	72	899	12	84	1,366	21	156	2,265
2:00pm	9	72	1,309	12	84	1,642	21	156	2,951
3:00pm	11	88	2,458	12	84	2,627	23	172	5,085
4:00pm	20	160	5,504	15	105	4,801	35	265	10,305
5:00pm	25	200	11,647	22	154	10,639	47	354	22,286
6:00pm	20	160	8,680	21	147	10,409	41	307	19,089
7:00pm	12	96	4,197	12	84	6,144	24	180	10,341
8:00pm	11	88	2,610	12	84	4,382	23	172	6,992
9:00pm	11	88	1,666	11	77	3,363	22	165	5,029
10:00pm	8	64	967	8	56	2,261	16	120	3,228
11:00pm	4	32	728	6	42	1,554	10	74	2,282
TOTAL	251	2,008	51,936	260	1,820	62,385	511	3,828	114,321

SECTION C

SUBURBAN AND INTERCITY RAIL, TRANSIT BY SECTOR SUMMARY, 2011-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	4	25	189	5	54	200	6	49	568	15	128	957
1:00am	6	43	98	4	46	90	3	23	259	13	112	447
2:00am	0	0	0	6	55	180	2	17	70	8	72	250
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	44	1,233	3	34	1,590	6	51	931	15	129	3,754
6:00am	18	115	5,958	15	152	10,710	14	121	4,729	47	388	21,397
7:00am	37	261	19,013	29	286	23,730	20	169	13,075	86	716	55,818
8:00am	53	391	33,278	37	388	33,569	26	221	21,011	116	1,000	87,858
9:00am	30	197	14,363	20	186	13,775	19	152	10,710	69	535	38,848
10:00am	16	115	5,569	10	94	4,865	11	82	3,647	37	291	14,081
11:00am	12	83	3,440	7	70	3,130	10	79	2,945	29	232	9,515
12:00pm	9	64	2,529	9	88	2,837	9	69	2,179	27	221	7,545
1:00pm	9	59	1,952	8	82	2,338	7	53	1,994	24	194	6,284
2:00pm	9	61	1,856	7	68	1,923	9	68	1,752	25	197	5,531
3:00pm	9	56	1,910	9	88	2,076	8	60	1,825	26	204	5,811
4:00pm	13	96	2,253	9	90	2,245	9	65	2,707	31	251	7,205
5:00pm	16	113	3,617	8	88	2,370	11	95	3,417	35	296	9,404
6:00pm	15	105	3,629	12	111	3,202	11	90	3,079	38	306	9,910
7:00pm	14	95	2,421	10	102	1,789	11	86	2,473	35	283	6,683
8:00pm	9	59	1,110	8	80	1,029	9	73	1,465	26	212	3,604
9:00pm	9	62	876	8	81	868	9	68	1,423	26	211	3,167
10:00pm	7	49	625	8	90	760	8	72	1,131	23	211	2,516
11:00pm	4	25	190	6	62	440	3	23	196	13	110	826
TOTAL	305	2,118	106,109	243	2,447	114,096	221	1,786	81,586	769	6,351	301,791

SUMMARY, 2011-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	7	44	1,034	5	56	950	3	26	325	15	126	2,309
1:00am	1	53	581	4	44	490	3	26	392	8	123	1,463
2:00am	0	0	0	2	17	156	0	0	0	2	17	156
3:00am	0	0	0	4	42	190	1	5	90	5	47	280
4:00am	0	0	0	1	12	90	5	42	801	6	54	891
5:00am	5	35	326	4	44	300	5	43	236	14	122	862
6:00am	11	76	1,238	6	59	769	14	107	976	31	242	2,983
7:00am	16	100	2,640	7	70	1,410	14	111	2,379	37	281	6,429
8:00am	11	84	2,324	11	106	1,961	10	82	2,114	32	272	6,399
9:00am	8	54	1,304	7	72	950	10	77	1,811	25	203	4,065
10:00am	9	57	1,109	8	80	1,034	8	63	1,356	25	200	3,499
11:00am	9	61	1,198	9	89	1,517	7	53	1,237	25	203	3,952
12:00pm	8	56	1,351	8	74	1,900	9	70	1,589	25	200	4,840
1:00pm	11	75	2,247	8	82	2,465	6	53	1,748	25	210	6,460
2:00pm	12	85	2,949	8	85	4,175	10	73	2,415	30	243	9,539
3:00pm	18	123	5,047	13	130	7,420	13	108	4,347	44	361	16,814
4:00pm	26	173	9,825	21	214	12,849	16	124	7,441	63	511	30,115
5:00pm	45	315	24,442	35	370	28,034	22	193	16,772	102	878	69,248
6:00pm	34	248	19,933	23	236	19,623	19	151	14,526	76	635	54,082
7:00pm	23	164	11,484	15	147	10,724	11	84	5,538	49	395	27,746
8:00pm	13	91	6,072	7	78	5,540	12	92	4,549	32	261	16,161
9:00pm	12	77	4,586	8	76	4,200	7	62	2,537	27	215	11,323
10:00pm	9	62	2,610	10	98	3,460	8	66	2,272	27	226	8,342
11:00pm	8	56	2,082	8	88	1,790	6	50	1,250	22	194	5,122
TOTAL	296	2,089	104,382	232	2,369	111,997	219	1,761	76,701	747	6,219	293,080

SECTION C

SUBURBAN AND INTERCITY RAIL TRANSIT BY LINE
60TH STREET SECTOR, 2011-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	51	1	6	23	2	13	115	0	0	0	4	25	189
1:00am	2	16	19	2	14	26	2	13	53	0	0	0	6	43	98
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	339	2	16	408	2	15	486	0	0	0	6	44	1,233
6:00am	6	38	1,538	6	40	1,720	6	37	2,700	0	0	0	18	115	5,958
7:00am	9	57	3,795	13	99	6,838	14	100	8,306	1	5	74	37	261	19,013
8:00am	15	101	7,931	17	137	11,531	20	148	13,612	1	5	204	53	391	33,278
9:00am	7	44	2,707	10	73	5,191	12	75	6,236	1	5	229	30	197	14,363
10:00am	4	27	951	5	40	2,137	6	43	2,316	1	5	165	16	115	5,569
11:00am	3	23	590	2	14	776	7	46	2,074	0	0	0	12	83	3,440
12:00pm	2	13	468	3	24	838	3	22	1,043	1	5	180	9	64	2,529
1:00pm	2	13	410	3	22	610	3	19	820	1	5	112	9	59	1,952
2:00pm	2	13	398	3	20	624	3	23	752	1	5	82	9	61	1,856
3:00pm	2	13	373	3	22	621	3	16	711	1	5	205	9	56	1,910
4:00pm	3	21	414	5	42	877	5	33	962	0	0	0	13	96	2,253
5:00pm	3	21	504	6	42	1,341	6	45	1,716	1	5	56	16	113	3,617
6:00pm	4	26	524	3	22	850	6	43	2,013	2	14	242	15	105	3,629
7:00pm	3	21	212	6	42	896	5	32	1,313	0	0	0	14	95	2,421
8:00pm	2	13	136	3	20	245	3	21	527	1	5	202	9	59	1,110
9:00pm	2	13	122	3	22	231	3	22	363	1	5	160	9	62	876
10:00pm	2	13	161	2	16	187	3	20	277	0	0	0	7	49	625
11:00pm	1	6	33	2	12	99	1	7	58	0	0	0	4	25	190
TOTAL	77	511	21,676	100	745	36,069	115	793	46,453	13	69	1,911	305	2,118	106,109

60TH STREET SECTOR, 2011-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	3	19	355	2	12	350	2	13	329	0	0	0	7	44	1,034
1:00am	0	6	51	0	22	248	1	25	282	0	0	0	1	53	581
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	19	1	8	27	3	21	280	0	0	0	5	35	326
6:00am	3	19	150	5	38	303	3	19	785	0	0	0	11	76	1,238
7:00am	4	26	262	6	41	998	5	28	1,233	1	5	147	16	100	2,640
8:00am	2	13	214	4	34	738	4	32	1,166	1	5	206	11	84	2,324
9:00am	2	13	242	3	20	469	3	21	593	0	0	0	8	54	1,304
10:00am	2	13	178	3	22	335	3	17	464	1	5	132	9	57	1,109
11:00am	2	13	208	3	20	408	3	23	485	1	5	97	9	61	1,198
12:00pm	2	15	269	3	22	492	3	19	590	0	0	0	8	56	1,351
1:00pm	3	19	426	3	24	681	4	27	943	1	5	197	11	75	2,247
2:00pm	3	21	642	4	30	945	4	29	1,206	1	5	156	12	85	2,949
3:00pm	3	21	886	7	47	1,697	6	41	2,167	2	14	297	18	123	5,047
4:00pm	7	44	2,588	10	73	3,689	8	51	3,280	1	5	268	26	173	9,825
5:00pm	13	87	6,324	11	95	7,075	20	128	10,918	1	5	125	45	315	24,442
6:00pm	9	61	4,163	12	89	7,075	13	98	8,695	0	0	0	34	248	19,933
7:00pm	6	38	2,164	8	68	4,535	8	53	4,655	1	5	130	23	164	11,484
8:00pm	3	19	856	4	30	2,105	5	37	3,047	1	5	64	13	91	6,072
9:00pm	4	25	994	4	24	1,471	4	28	2,121	0	0	0	12	77	4,586
10:00pm	3	21	668	2	14	600	3	22	1,302	1	5	40	9	62	2,610
11:00pm	2	15	344	3	22	837	3	19	901	0	0	0	8	56	2,082
TOTAL	77	514	22,003	98	755	35,078	108	751	45,442	13	69	1,859	296	2,089	104,382

SECTION C

SUBURBAN AND INTERCITY RAIL,TRANSIT BY LINE QUEENS SECTOR, 2011-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	90	0	0	0	4	46	90
2:00am	5	50	100	1	5	80	6	55	180
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	1,590	0	0	0	3	34	1,590
6:00am	15	152	10,710	0	0	0	15	152	10,710
7:00am	29	286	23,730	0	0	0	29	286	23,730
8:00am	36	382	33,350	1	6	219	37	388	33,569
9:00am	18	172	13,290	2	14	485	20	186	13,775
10:00am	8	80	4,350	2	14	515	10	94	4,865
11:00am	7	70	3,130	0	0	0	7	70	3,130
12:00pm	7	74	2,340	2	14	497	9	88	2,837
1:00pm	7	74	2,070	1	8	268	8	82	2,338
2:00pm	6	62	1,720	1	6	203	7	68	1,923
3:00pm	7	74	1,690	2	14	386	9	88	2,076
4:00pm	8	84	2,040	1	6	205	9	90	2,245
5:00pm	8	88	2,370	0	0	0	8	88	2,370
6:00pm	9	92	2,590	3	19	612	12	111	3,202
7:00pm	9	96	1,620	1	6	169	10	102	1,789
8:00pm	7	74	840	1	6	189	8	80	1,029
9:00pm	7	74	730	1	7	138	8	81	868
10:00pm	8	90	760	0	0	0	8	90	760
11:00pm	6	62	440	0	0	0	6	62	440
TOTAL	224	2,322	110,130	19	125	3,966	243	2,447	114,096

QUEENS SECTOR, 2011-OUTBOUND

HOURS	MTA LIRR			AMTRAK N.E. CORRIDOR			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	56	950	0	0	0	5	56	950
1:00am	4	44	490	0	0	0	4	44	490
2:00am	1	12	60	1	5	96	2	17	156
3:00am	4	42	190	0	0	0	4	42	190
4:00am	1	12	90	0	0	0	1	12	90
5:00am	4	44	300	0	0	0	4	44	300
6:00am	5	52	650	1	7	119	6	59	769
7:00am	7	70	1,410	0	0	0	7	70	1,410
8:00am	9	92	1,530	2	14	431	11	106	1,961
9:00am	7	72	950	0	0	0	7	72	950
10:00am	7	74	850	1	6	184	8	80	1,034
11:00am	7	76	1,120	2	13	397	9	89	1,517
12:00pm	6	60	1,540	2	14	360	8	74	1,900
1:00pm	7	76	2,290	1	6	175	8	82	2,465
2:00pm	7	78	3,940	1	7	235	8	85	4,175
3:00pm	11	116	6,870	2	14	550	13	130	7,420
4:00pm	20	208	12,610	1	6	239	21	214	12,849
5:00pm	33	356	27,580	2	14	454	35	370	28,034
6:00pm	21	222	19,170	2	14	453	23	236	19,623
7:00pm	13	134	10,370	2	13	354	15	147	10,724
8:00pm	7	78	5,540	0	0	0	7	78	5,540
9:00pm	8	76	4,200	0	0	0	8	76	4,200
10:00pm	10	98	3,460	0	0	0	10	98	3,460
11:00pm	8	88	1,790	0	0	0	8	88	1,790
TOTAL	212	2,236	107,950	20	133	4,047	232	2,369	111,997

SECTION C

SUBURBAN AND INTERCITY RAIL, TRANSIT BY LINE
NEW JERSEY SECTOR, 2011-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	25	390	2	17	26	1	7	152	6	49	568
1:00am	2	18	111	0	0	0	1	5	148	3	23	259
2:00am	2	17	70	0	0	0	0	0	0	2	17	70
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	682	2	17	249	0	0	0	6	51	931
6:00am	8	75	2,934	4	33	1,712	2	13	83	14	121	4,729
7:00am	13	113	8,365	5	44	4,436	2	12	274	20	169	13,075
8:00am	14	126	13,041	7	62	6,728	5	33	1,242	26	221	21,011
9:00am	13	107	7,211	4	32	2,919	2	13	580	19	152	10,710
10:00am	6	45	2,140	3	23	882	2	14	625	11	82	3,647
11:00am	3	29	1,578	3	25	655	4	25	712	10	79	2,945
12:00pm	3	27	1,012	2	16	395	4	26	772	9	69	2,179
1:00pm	3	26	1,061	2	15	587	2	12	346	7	53	1,994
2:00pm	3	27	834	2	16	392	4	25	526	9	68	1,752
3:00pm	3	25	834	2	16	363	3	19	628	8	60	1,825
4:00pm	4	30	1,438	2	17	618	3	18	651	9	65	2,707
5:00pm	5	48	2,065	4	33	726	2	14	626	11	95	3,417
6:00pm	6	55	1,798	2	16	468	3	19	813	11	90	3,079
7:00pm	5	43	1,211	3	22	650	3	21	612	11	86	2,473
8:00pm	5	46	867	2	15	364	2	12	234	9	73	1,465
9:00pm	3	26	614	2	17	387	4	25	422	9	68	1,423
10:00pm	4	40	726	3	25	222	1	7	183	8	72	1,131
11:00pm	1	10	121	1	8	43	1	5	32	3	23	196
TOTAL	109	968	47,973	57	469	22,822	51	325	9,661	221	1,786	81,586

NEW JERSEY SECTOR, 2011-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	179	2	18	146	0	0	0	3	26	325
1:00am	2	17	345	1	9	47	0	0	0	3	26	392
2:00am	0	0	0	0	0	0	0	0	0	0	0	0
3:00am	0	0	0	0	0	0	1	5	90	1	5	90
4:00am	4	35	782	0	0	0	1	7	19	5	42	801
5:00am	4	36	182	0	0	0	1	7	54	5	43	236
6:00am	6	50	472	4	34	223	4	23	281	14	107	976
7:00am	7	63	1,242	3	24	473	4	24	664	14	111	2,379
8:00am	5	43	1,133	3	26	425	2	13	556	10	82	2,114
9:00am	4	33	704	3	25	349	3	19	758	10	77	1,811
10:00am	3	27	514	2	17	203	3	19	639	8	63	1,356
11:00am	3	25	613	2	14	232	2	14	392	7	53	1,237
12:00pm	3	27	724	2	16	224	4	27	641	9	70	1,589
1:00pm	3	30	970	2	17	567	1	6	211	6	53	1,748
2:00pm	3	27	1,006	2	14	535	5	32	874	10	73	2,415
3:00pm	6	54	2,562	3	25	950	4	29	835	13	108	4,347
4:00pm	7	61	4,130	5	38	2,300	4	25	1,011	16	124	7,441
5:00pm	14	133	10,916	5	43	5,148	3	17	708	22	193	16,772
6:00pm	10	80	9,291	6	52	4,408	3	19	827	19	151	14,526
7:00pm	6	51	3,586	3	22	1,528	2	11	424	11	84	5,538
8:00pm	5	42	1,818	3	26	1,948	4	24	783	12	92	4,549
9:00pm	4	38	1,579	2	17	786	1	7	172	7	62	2,537
10:00pm	3	31	1,376	3	23	616	2	12	280	8	66	2,272
11:00pm	3	28	905	2	17	306	1	5	39	6	50	1,250
TOTAL	106	939	45,029	58	477	21,414	55	345	10,258	219	1,761	76,701

SECTION D **AUTO, TAXI, COMMUTER VAN & TRUCK OCCUPANTS BY SECTOR** **SUMMARY, 2011-INBOUND**

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	10,432	4,160	3,272	1,669	19,533
1:00am	5,983	2,826	2,120	997	11,926
2:00am	4,142	2,254	1,646	931	8,973
3:00am	3,664	2,521	1,856	1,001	9,042
4:00am	5,181	4,345	3,088	1,979	14,593
5:00am	10,529	7,496	5,779	5,956	29,760
6:00am	19,121	11,496	8,798	9,312	48,727
7:00am	25,521	13,270	10,993	8,282	58,066
8:00am	29,444	14,315	11,313	7,852	62,924
9:00am	27,799	13,365	11,562	7,499	60,225
10:00am	23,246	11,859	10,091	6,988	52,184
11:00am	22,589	9,996	8,079	5,542	46,206
12:00pm	22,479	9,657	7,933	5,300	45,369
1:00pm	22,058	9,725	8,797	5,115	45,695
2:00pm	22,894	10,864	9,122	5,386	48,266
3:00pm	23,683	10,274	8,697	5,583	48,237
4:00pm	23,194	10,342	9,485	5,280	48,301
5:00pm	25,460	10,854	9,454	5,176	50,944
6:00pm	25,582	10,057	9,306	5,108	50,053
7:00pm	24,377	9,209	8,465	4,953	47,004
8:00pm	21,685	8,805	6,697	3,869	41,056
9:00pm	20,480	7,790	5,632	3,881	37,783
10:00pm	19,766	6,499	5,596	3,750	35,611
11:00pm	17,194	6,449	4,600	2,693	30,936
TOTAL	456,503	208,428	172,381	114,102	951,414

SUMMARY, 2011-OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	11,153	8,436	6,903	2,703	29,195
1:00am	6,548	5,320	4,463	1,824	18,155
2:00am	4,536	3,530	2,651	1,464	12,181
3:00am	4,177	2,659	2,165	1,306	10,307
4:00am	5,621	2,990	2,717	1,865	13,193
5:00am	9,551	5,997	3,784	2,767	22,099
6:00am	16,793	7,924	5,707	4,159	34,583
7:00am	24,435	9,303	6,396	5,656	45,790
8:00am	24,855	9,627	5,916	5,338	45,736
9:00am	24,005	9,168	5,220	4,533	42,926
10:00am	23,071	9,154	6,029	4,774	43,028
11:00am	21,614	9,152	6,505	4,349	41,620
12:00pm	22,240	9,086	7,202	4,937	43,465
1:00pm	22,883	10,098	7,732	5,941	46,654
2:00pm	25,203	11,492	9,428	7,281	53,404
3:00pm	26,641	13,096	11,441	7,220	58,398
4:00pm	26,877	14,550	12,020	7,129	60,576
5:00pm	28,611	15,069	12,106	7,337	63,123
6:00pm	29,181	14,431	10,788	7,249	61,649
7:00pm	26,892	13,450	10,314	6,250	56,906
8:00pm	23,415	12,356	9,395	5,845	51,011
9:00pm	22,926	13,207	8,714	5,918	50,765
10:00pm	22,085	10,187	8,490	5,837	46,599
11:00pm	16,955	10,076	8,582	4,341	39,954
TOTAL	470,268	230,358	174,668	116,023	991,317

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
60TH STREET SECTOR, 2011-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	1,818	570	2,205	989	632	1,259	0	694	1,063	429	773	10,432
1:00am	869	249	1,441	592	315	719	0	411	680	245	462	5,983
2:00am	623	172	1,077	417	182	442	0	271	474	137	347	4,142
3:00am	564	146	1,029	392	140	374	0	197	381	118	323	3,664
4:00am	1,006	321	1,407	466	141	541	0	208	408	147	536	5,181
5:00am	2,764	650	2,198	746	241	1,009	0	373	636	268	1,644	10,529
6:00am	5,045	832	2,846	1,196	594	1,996	0	882	1,001	600	4,129	19,121
7:00am	6,843	842	2,776	1,720	1,451	2,824	0	1,458	1,551	1,079	4,977	25,521
8:00am	7,385	944	2,841	1,825	2,093	2,756	1,560	1,646	2,064	1,414	4,916	29,444
9:00am	7,183	927	2,635	1,534	2,001	2,452	1,516	1,540	1,993	1,431	4,587	27,799
10:00am	5,894	1,042	2,720	1,262	1,886	2,177	0	1,518	1,965	1,158	3,624	23,246
11:00am	5,828	1,058	2,946	1,200	1,688	2,071	0	1,345	1,893	1,156	3,404	22,589
12:00pm	5,604	1,196	3,132	1,312	1,749	2,007	0	1,423	1,843	1,187	3,026	22,479
1:00pm	5,718	1,273	3,055	1,260	1,491	1,892	0	1,323	1,931	1,187	2,928	22,058
2:00pm	6,087	1,345	3,042	1,436	1,492	1,961	0	1,394	1,930	1,179	3,028	22,894
3:00pm	6,315	1,563	3,345	1,358	1,454	1,807	0	1,275	1,873	1,286	3,407	23,683
4:00pm	5,754	1,562	3,140	1,521	1,354	2,008	0	1,181	1,684	1,165	3,825	23,194
5:00pm	6,612	1,378	3,446	1,646	1,647	1,971	0	1,331	1,944	1,205	4,280	25,460
6:00pm	6,212	1,302	3,563	1,721	1,788	2,143	0	1,307	1,987	1,480	4,079	25,582
7:00pm	5,321	1,257	3,650	1,696	1,719	2,276	0	1,311	2,207	1,465	3,475	24,377
8:00pm	4,824	1,123	3,401	1,720	1,555	2,080	0	1,300	1,980	1,407	2,295	21,685
9:00pm	4,257	1,063	3,222	1,765	1,462	2,223	0	1,225	1,894	1,197	2,172	20,480
10:00pm	3,895	964	3,068	1,825	1,433	2,390	0	1,225	1,923	1,112	1,931	19,766
11:00pm	3,316	958	2,957	1,569	1,160	2,075	0	1,081	1,721	850	1,507	17,194
TOTAL	109,737	22,737	65,142	31,168	29,668	43,453	3,076	25,919	37,026	22,902	65,675	456,503

SECTION D

**AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
60TH STREET SECTOR, 2011-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	1,828	328	1,205	974	1,367	412	1,083	0	792	520	750	171	1,723	11,153
1:00am	926	175	761	605	908	222	634	0	463	345	471	86	952	6,548
2:00am	599	123	599	494	664	123	383	0	292	230	341	65	623	4,536
3:00am	523	133	552	742	616	96	286	0	236	169	288	58	478	4,177
4:00am	761	212	691	1,418	716	112	319	0	253	194	348	85	512	5,621
5:00am	1,663	402	986	2,677	998	233	471	0	385	256	595	187	698	9,551
6:00am	3,763	931	1,863	2,618	1,716	761	858	0	686	546	1,003	498	1,550	16,793
7:00am	4,577	1,603	2,699	2,427	2,333	2,073	1,444	386	1,121	883	1,568	798	2,523	24,435
8:00am	4,560	1,587	2,676	2,136	2,277	2,469	1,427	653	1,204	1,012	1,404	793	2,657	24,855
9:00am	4,131	1,443	2,427	2,218	2,201	2,137	1,458	737	1,390	1,024	1,604	915	2,320	24,005
10:00am	3,834	1,200	2,268	2,063	2,244	1,984	1,488	653	1,416	849	1,769	926	2,377	23,071
11:00am	3,739	1,063	2,102	2,031	2,003	1,786	1,537	554	1,224	732	1,562	738	2,543	21,614
12:00pm	3,830	1,126	2,088	1,977	2,108	1,668	1,563	675	1,367	792	1,631	618	2,797	22,240
1:00pm	3,786	1,186	2,177	2,163	2,101	1,669	1,501	692	1,359	819	1,765	602	3,063	22,883
2:00pm	4,283	1,406	2,356	2,379	2,142	1,869	1,582	791	1,362	858	1,886	689	3,600	25,203
3:00pm	4,990	1,432	2,261	2,342	1,995	1,906	1,547	1,031	1,386	878	1,971	719	4,183	26,641
4:00pm	5,003	1,306	2,249	2,417	1,871	1,972	1,648	1,205	1,343	859	2,001	946	4,057	26,877
5:00pm	4,897	1,362	2,572	2,382	2,392	2,288	1,742	1,286	1,597	991	2,228	1,034	3,840	28,611
6:00pm	4,439	1,372	2,746	2,156	2,518	2,291	2,114	1,249	1,891	1,235	2,383	911	3,876	29,181
7:00pm	4,192	1,000	2,454	1,945	2,629	2,063	2,771	0	1,938	1,175	2,237	710	3,778	26,892
8:00pm	3,898	958	2,139	1,803	2,377	1,616	2,282	0	1,519	1,011	1,736	570	3,506	23,415
9:00pm	3,675	832	2,093	1,770	2,349	1,547	2,240	0	1,566	917	1,692	484	3,761	22,926
10:00pm	3,165	752	2,001	1,896	2,245	1,391	2,272	0	1,665	920	1,682	433	3,663	22,085
11:00pm	2,432	566	1,632	1,561	1,854	877	1,814	0	1,262	743	1,262	289	2,663	16,955
TOTAL	79,494	22,498	45,597	45,194	44,624	33,565	34,464	9,912	27,717	17,958	34,177	13,325	61,743	470,268

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
2011-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	0	1,991	1,747	422	4,160	1,099	2,173	3,272	754	915	1,669	9,101
1:00am	0	1,323	1,281	222	2,826	618	1,502	2,120	453	544	997	5,943
2:00am	0	1,138	991	125	2,254	325	1,321	1,646	399	532	931	4,831
3:00am	0	1,427	1,032	62	2,521	153	1,703	1,856	454	547	1,001	5,378
4:00am	0	2,719	1,539	87	4,345	200	2,888	3,088	786	1,193	1,979	9,412
5:00am	963	3,589	2,757	187	7,496	443	5,336	5,779	2,412	3,544	5,956	19,231
6:00am	3,999	3,012	3,809	676	11,496	1,116	7,682	8,798	3,365	5,947	9,312	29,606
7:00am	4,080	3,475	3,617	2,098	13,270	3,142	7,851	10,993	3,232	5,050	8,282	32,545
8:00am	4,496	3,173	3,564	3,082	14,315	4,199	7,114	11,313	3,332	4,520	7,852	33,480
9:00am	4,306	2,632	3,234	3,193	13,365	5,690	5,872	11,562	3,088	4,411	7,499	32,426
10:00am	3,352	2,036	3,005	3,466	11,859	5,447	4,644	10,091	2,784	4,204	6,988	28,938
11:00am	2,895	1,988	2,977	2,136	9,996	3,639	4,440	8,079	2,278	3,264	5,542	23,617
12:00pm	3,174	1,931	2,819	1,733	9,657	3,579	4,354	7,933	2,205	3,095	5,300	22,890
1:00pm	3,423	1,900	2,936	1,466	9,725	3,972	4,825	8,797	2,206	2,909	5,115	23,637
2:00pm	3,790	2,274	3,350	1,450	10,864	3,850	5,272	9,122	2,496	2,890	5,386	25,372
3:00pm	3,796	1,892	3,071	1,515	10,274	3,412	5,285	8,697	2,738	2,845	5,583	24,554
4:00pm	3,887	1,715	3,098	1,642	10,342	4,185	5,300	9,485	3,059	2,221	5,280	25,107
5:00pm	4,226	1,865	3,457	1,306	10,854	4,090	5,364	9,454	3,440	1,736	5,176	25,484
6:00pm	3,638	1,980	3,174	1,265	10,057	4,339	4,967	9,306	3,165	1,943	5,108	24,471
7:00pm	3,584	1,845	2,761	1,019	9,209	4,138	4,327	8,465	2,459	2,494	4,953	22,627
8:00pm	3,527	1,652	2,857	769	8,805	2,858	3,839	6,697	1,839	2,030	3,869	19,371
9:00pm	3,342	1,147	2,785	516	7,790	2,082	3,550	5,632	1,701	2,180	3,881	17,303
10:00pm	0	3,225	2,817	457	6,499	1,852	3,744	5,596	1,779	1,971	3,750	15,845
11:00pm	0	3,396	2,640	413	6,449	1,496	3,104	4,600	1,197	1,496	2,693	13,742
TOTAL	60,478	53,325	65,318	29,307	208,428	65,924	106,457	172,381	51,621	62,481	114,102	494,911

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
2011-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	1,927	2,776	2,811	922	8,436	1,758	5,145	6,903	924	1,779	2,703	18,042
1:00am	1,198	1,792	1,799	531	5,320	1,204	3,259	4,463	628	1,196	1,824	11,607
2:00am	773	1,243	1,252	262	3,530	539	2,112	2,651	575	889	1,464	7,645
3:00am	560	955	975	169	2,659	395	1,770	2,165	717	589	1,306	6,130
4:00am	706	1,037	1,139	108	2,990	318	2,399	2,717	1,071	794	1,865	7,572
5:00am	2,843	1,502	1,550	102	5,997	626	3,158	3,784	1,711	1,056	2,767	12,548
6:00am	3,458	2,024	2,314	128	7,924	1,145	4,562	5,707	2,570	1,589	4,159	17,790
7:00am	3,648	2,335	2,811	509	9,303	2,073	4,323	6,396	3,230	2,426	5,656	21,355
8:00am	3,404	2,648	2,850	725	9,627	2,210	3,706	5,916	2,754	2,584	5,338	20,881
9:00am	3,472	2,344	2,499	853	9,168	2,019	3,201	5,220	2,311	2,222	4,533	18,921
10:00am	3,328	2,321	2,570	935	9,154	2,087	3,942	6,029	2,212	2,562	4,774	19,957
11:00am	3,199	2,238	2,678	1,037	9,152	2,200	4,305	6,505	2,134	2,215	4,349	20,006
12:00pm	3,127	2,341	2,532	1,086	9,086	2,605	4,597	7,202	2,300	2,637	4,937	21,225
1:00pm	3,706	2,467	2,532	1,393	10,098	2,899	4,833	7,732	2,799	3,142	5,941	23,771
2:00pm	4,201	2,753	2,908	1,630	11,492	3,505	5,923	9,428	3,549	3,732	7,281	28,201
3:00pm	4,326	3,507	3,474	1,789	13,096	4,124	7,317	11,441	3,397	3,823	7,220	31,757
4:00pm	4,605	3,902	3,820	2,223	14,550	4,595	7,425	12,020	3,535	3,594	7,129	33,699
5:00pm	4,493	3,584	4,046	2,946	15,069	4,590	7,516	12,106	3,430	3,907	7,337	34,512
6:00pm	4,184	3,351	3,948	2,948	14,431	4,586	6,202	10,788	3,429	3,820	7,249	32,468
7:00pm	3,938	3,387	3,697	2,428	13,450	3,966	6,348	10,314	2,792	3,458	6,250	30,014
8:00pm	4,121	3,022	3,576	1,637	12,356	3,154	6,241	9,395	2,444	3,401	5,845	27,596
9:00pm	3,486	4,647	3,516	1,558	13,207	3,058	5,656	8,714	2,164	3,754	5,918	27,839
10:00pm	2,424	3,246	3,277	1,240	10,187	2,922	5,568	8,490	2,165	3,672	5,837	24,514
11:00pm	2,239	3,431	3,388	1,018	10,076	2,627	5,955	8,582	1,392	2,949	4,341	22,999
TOTAL	73,366	62,853	65,962	28,177	230,358	59,205	115,463	174,668	54,233	61,790	116,023	521,049

SECTION E AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY SECTOR, SUMMARY- 2011

INBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	7,840	3,385	2,640	1,286	15,151
1:00am	4,490	2,295	1,720	768	9,273
2:00am	3,118	1,827	1,351	715	7,011
3:00am	2,762	2,037	1,544	771	7,114
4:00am	3,924	3,510	2,575	1,515	11,524
5:00am	8,049	6,126	4,812	4,564	23,551
6:00am	15,354	9,550	7,676	7,492	40,072
7:00am	19,867	11,295	9,402	6,588	47,152
8:00am	21,866	12,066	9,363	6,053	49,348
9:00am	20,690	11,296	9,222	6,006	47,214
10:00am	17,629	9,921	8,001	5,719	41,270
11:00am	17,103	8,382	6,478	4,515	36,478
12:00pm	16,820	7,997	6,299	4,105	35,221
1:00pm	16,638	8,054	6,887	3,979	35,558
2:00pm	17,536	8,848	7,071	4,093	37,548
3:00pm	18,282	8,747	6,823	4,329	38,181
4:00pm	17,783	8,768	7,170	3,978	37,699
5:00pm	19,117	9,050	7,291	3,851	39,309
6:00pm	19,317	8,764	7,084	3,930	39,095
7:00pm	18,696	8,054	6,612	3,513	36,875
8:00pm	16,396	7,405	5,343	2,989	32,133
9:00pm	15,483	6,556	4,525	2,985	29,549
10:00pm	14,906	5,274	4,518	2,897	27,595
11:00pm	12,959	5,230	3,716	2,073	23,978
TOTAL	346,625	174,437	138,123	88,714	747,899

OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	8,452	6,219	5,250	2,036	21,957
1:00am	4,950	3,915	3,384	1,374	13,623
2:00am	3,439	2,585	2,038	1,113	9,175
3:00am	3,185	1,944	1,671	1,023	7,823
4:00am	4,329	2,178	2,124	1,467	10,098
5:00am	7,387	4,340	2,930	2,194	16,851
6:00am	13,653	5,553	3,899	3,362	26,467
7:00am	19,370	6,641	4,253	4,399	34,663
8:00am	19,326	6,887	4,056	4,048	34,317
9:00am	18,225	6,567	3,695	3,437	31,924
10:00am	17,384	6,642	4,579	3,618	32,223
11:00am	16,380	6,711	5,025	3,395	31,511
12:00pm	16,676	6,673	5,566	3,797	32,712
1:00pm	17,237	7,625	6,073	4,626	35,561
2:00pm	18,911	8,661	7,298	5,487	40,357
3:00pm	19,985	10,295	8,778	5,523	44,581
4:00pm	19,388	10,939	9,291	5,658	45,276
5:00pm	20,376	11,321	9,224	5,801	46,722
6:00pm	20,753	10,757	8,047	5,602	45,159
7:00pm	19,413	10,074	7,713	4,910	42,110
8:00pm	17,656	9,169	7,028	4,466	38,319
9:00pm	17,315	9,696	6,498	4,478	37,987
10:00pm	16,654	7,527	6,339	4,421	34,941
11:00pm	12,793	7,413	6,459	3,257	29,922
TOTAL	353,237	170,332	131,218	89,492	744,279

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY
60TH STREET SECTOR, 2011-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	1,337	509	1,586	838	461	812	-	510	805	298	684	7,840
1:00am	639	222	1,037	502	230	464	-	302	515	170	409	4,490
2:00am	458	154	775	353	133	285	-	199	359	95	307	3,118
3:00am	415	130	740	332	102	241	-	145	289	82	286	2,762
4:00am	740	287	1,012	395	103	349	-	153	309	102	474	3,924
5:00am	2,032	580	1,581	632	176	651	-	274	482	186	1,455	8,049
6:00am	4,036	785	2,156	1031	437	1263	-	596	848	414	3,788	15,354
7:00am	5,069	780	2,072	1376	1,170	1722	-	1049	1,261	760	4,608	19,867
8:00am	5,313	835	2,074	1437	1,517	1593	857	1184	1,529	975	4,552	21,866
9:00am	5,094	820	1,996	1247	1,450	1477	842	1132	1,476	948	4,208	20,690
10:00am	4,180	906	2,045	1088	1,328	1369	-	1,084	1,434	839	3,356	17,629
11:00am	4,019	945	2,249	1008	1,269	1345	-	1,011	1,392	826	3,039	17,103
12:00pm	3,865	1049	2,303	1075	1,232	1347	-	1,046	1,407	842	2,654	16,820
1:00pm	4,084	1107	2,198	1086	1,088	1305	-	1,002	1,420	824	2,524	16,638
2:00pm	4,509	1245	2,204	1260	1,066	1334	-	996	1,409	880	2,633	17,536
3:00pm	4,748	1336	2,389	1293	1,077	1229	-	981	1,367	899	2,963	18,282
4:00pm	4,359	1324	2,151	1370	974	1321	-	895	1,276	844	3,269	17,783
5:00pm	4,791	1264	2,297	1407	1,128	1314	-	979	1,473	837	3,627	19,117
6:00pm	4,636	1152	2,344	1411	1,344	1410	-	1,037	1,577	949	3,457	19,317
7:00pm	4,223	1153	2,500	1425	1,302	1517	-	986	1,711	983	2,896	18,696
8:00pm	3,547	1003	2,447	1458	1,135	1342	-	956	1,500	977	2,031	16,396
9:00pm	3,130	949	2,318	1496	1,067	1434	-	901	1,435	831	1,922	15,483
10:00pm	2,864	861	2,207	1547	1,046	1542	-	901	1,457	772	1,709	14,906
11:00pm	2,438	855	2,127	1330	847	1339	-	795	1,304	590	1,334	12,959
TOTAL	80,526	20,251	46,808	26,397	21,682	28,005	1,699	19,114	28,035	15,923	58,185	346,625

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 12, 2011). 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, 2011-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	1,486	225	972	805	930	271	747	-	450	394	568	119	1,485	8,452
1:00am	753	120	614	500	618	146	437	-	263	261	357	60	821	4,950
2:00am	487	84	483	408	452	81	264	-	166	174	258	45	537	3,439
3:00am	425	91	445	613	419	63	197	-	134	128	218	40	412	3,185
4:00am	619	145	557	1,172	487	74	220	-	144	147	264	59	441	4,329
5:00am	1,352	275	795	2,212	679	153	325	-	219	194	451	130	602	7,387
6:00am	3,136	670	1,527	2,380	1,271	494	746	-	490	390	880	321	1,348	13,653
7:00am	3,783	1,048	2,212	2,247	1,728	1,312	1,245	249	723	649	1,318	562	2,294	19,370
8:00am	3,800	1,072	2,124	1,942	1,638	1,524	1,230	403	743	713	1,221	522	2,394	19,326
9:00am	3,227	1,016	1,911	1,963	1,572	1,415	1,176	431	813	726	1,348	610	2,017	18,225
10:00am	3,019	833	1,859	1,763	1,626	1,305	1,055	369	800	643	1,415	630	2,067	17,384
11:00am	2,991	733	1,723	1,651	1,462	1,223	1,053	328	724	595	1,211	531	2,155	16,380
12:00pm	3,064	751	1,740	1,607	1,474	1,183	1,042	371	751	609	1,274	479	2,331	16,676
1:00pm	3,236	807	1,799	1,744	1,449	1,184	994	370	727	635	1,298	463	2,531	17,237
2:00pm	3,661	950	1,947	1,844	1,409	1,246	1,027	457	787	650	1,367	489	3,077	18,911
3:00pm	4,158	974	1,869	1,830	1,339	1,246	1,011	573	770	681	1,418	510	3,606	19,985
4:00pm	3,790	920	1,717	1,874	1,215	1,248	1,050	662	738	676	1,429	631	3,438	19,388
5:00pm	3,767	908	1,963	1,921	1,441	1,430	1,069	699	868	780	1,558	718	3,254	20,376
6:00pm	3,669	885	2,197	1,698	1,526	1,478	1,251	637	965	915	1,610	637	3,285	20,753
7:00pm	3,493	769	1,979	1,544	1,584	1,366	1,557	-	969	911	1,522	490	3,229	19,413
8:00pm	3,169	656	1,725	1,490	1,617	1,063	1,574	-	863	766	1,315	396	3,022	17,656
9:00pm	2,988	570	1,688	1,463	1,598	1,018	1,545	-	890	695	1,282	336	3,242	17,315
10:00pm	2,573	515	1,614	1,567	1,527	915	1,567	-	946	697	1,274	301	3,158	16,654
11:00pm	1,977	388	1,316	1,290	1,261	577	1,251	-	717	563	956	201	2,296	12,793
TOTAL	64,623	15,405	36,776	37,528	30,322	22,015	23,633	5,549	15,660	13,592	25,812	9,280	53,042	353,237

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 12, 2011). 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, 2011-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	0	1,606	1,409	370	3,385	814	1,826	2,640	618	668	1,286	7,311
1:00am	0	1,067	1,033	195	2,295	458	1,262	1,720	371	397	768	4,783
2:00am	0	918	799	110	1,827	241	1,110	1,351	327	388	715	3,893
3:00am	0	1,151	832	54	2,037	113	1,431	1,544	372	399	771	4,352
4:00am	0	2,193	1,241	76	3,510	148	2,427	2,575	644	871	1,515	7,600
5:00am	845	2,894	2,223	164	6,126	328	4,484	4,812	1,977	2,587	4,564	15,502
6:00am	3,447	2,372	3,122	609	9,550	996	6,680	7,676	2,952	4,540	7,492	24,718
7:00am	3,643	2,780	2,965	1,907	11,295	2,575	6,827	9,402	2,762	3,826	6,588	27,285
8:00am	3,810	2,580	2,874	2,802	12,066	3,230	6,133	9,363	2,754	3,299	6,053	27,482
9:00am	3,712	2,140	2,567	2,877	11,296	4,246	4,976	9,222	2,639	3,367	6,006	26,524
10:00am	2,841	1,655	2,385	3,040	9,921	4,065	3,936	8,001	2,301	3,418	5,719	23,641
11:00am	2,632	1,603	2,290	1,857	8,382	2,778	3,700	6,478	1,883	2,632	4,515	19,375
12:00pm	2,713	1,570	2,220	1,494	7,997	2,671	3,628	6,299	1,778	2,327	4,105	18,401
1:00pm	2,951	1,520	2,330	1,253	8,054	2,899	3,988	6,887	1,808	2,171	3,979	18,920
2:00pm	3,239	1,710	2,638	1,261	8,848	2,750	4,321	7,071	1,920	2,173	4,093	20,012
3:00pm	3,301	1,564	2,517	1,365	8,747	2,455	4,368	6,823	2,190	2,139	4,329	19,899
4:00pm	3,322	1,441	2,539	1,466	8,768	2,790	4,380	7,170	2,467	1,511	3,978	19,916
5:00pm	3,551	1,529	2,834	1,136	9,050	2,821	4,470	7,291	2,709	1,142	3,851	20,192
6:00pm	3,432	1,584	2,667	1,081	8,764	3,013	4,071	7,084	2,532	1,398	3,930	19,778
7:00pm	3,350	1,488	2,360	856	8,054	3,065	3,547	6,612	1,983	1,530	3,513	18,179
8:00pm	3,094	1,332	2,304	675	7,405	2,117	3,226	5,343	1,507	1,482	2,989	15,737
9:00pm	2,932	925	2,246	453	6,556	1,542	2,983	4,525	1,394	1,591	2,985	14,066
10:00pm	0	2,601	2,272	401	5,274	1,372	3,146	4,518	1,458	1,439	2,897	12,689
11:00pm	0	2,739	2,129	362	5,230	1,108	2,608	3,716	981	1,092	2,073	11,019
TOTAL	52,815	42,962	52,796	25,864	174,437	48,595	89,528	138,123	42,327	46,387	88,714	401,274

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 12, 2011). 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, 2011-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	1,386	1,876	2,162	795	6,219	1,134	4,116	5,250	783	1,253	2,036	13,505
1:00am	862	1,211	1,384	458	3,915	777	2,607	3,384	532	842	1,374	8,673
2:00am	556	840	963	226	2,585	348	1,690	2,038	487	626	1,113	5,736
3:00am	403	645	750	146	1,944	255	1,416	1,671	608	415	1,023	4,638
4:00am	508	701	876	93	2,178	205	1,919	2,124	908	559	1,467	5,769
5:00am	2,045	1,015	1,192	88	4,340	404	2,526	2,930	1,450	744	2,194	9,464
6:00am	2,418	1,377	1,641	117	5,553	753	3,146	3,899	2,235	1,127	3,362	12,814
7:00am	2,533	1,633	2,008	467	6,641	1,312	2,941	4,253	2,714	1,685	4,399	15,293
8:00am	2,364	1,826	2,050	647	6,887	1,390	2,666	4,056	2,314	1,734	4,048	14,991
9:00am	2,362	1,584	1,879	742	6,567	1,270	2,425	3,695	1,894	1,543	3,437	13,699
10:00am	2,327	1,537	1,992	786	6,642	1,321	3,258	4,579	1,875	1,743	3,618	14,839
11:00am	2,269	1,502	2,076	864	6,711	1,467	3,558	5,025	1,824	1,571	3,395	15,131
12:00pm	2,218	1,571	1,994	890	6,673	1,670	3,896	5,566	1,966	1,831	3,797	16,036
1:00pm	2,766	1,656	2,042	1,161	7,625	1,907	4,166	6,073	2,413	2,213	4,626	18,324
2:00pm	3,112	1,823	2,345	1,381	8,661	2,321	4,977	7,298	2,982	2,505	5,487	21,446
3:00pm	3,253	2,505	2,995	1,542	10,295	2,731	6,047	8,778	2,831	2,692	5,523	24,596
4:00pm	3,386	2,619	2,984	1,950	10,939	2,890	6,401	9,291	2,996	2,662	5,658	25,888
5:00pm	3,304	2,455	3,065	2,497	11,321	2,961	6,263	9,224	2,907	2,894	5,801	26,346
6:00pm	3,099	2,190	2,991	2,477	10,757	2,921	5,126	8,047	2,834	2,768	5,602	24,406
7:00pm	3,006	2,171	2,822	2,075	10,074	2,510	5,203	7,713	2,386	2,524	4,910	22,697
8:00pm	2,965	2,042	2,751	1,411	9,169	2,035	4,993	7,028	2,071	2,395	4,466	20,663
9:00pm	2,508	3,140	2,705	1,343	9,696	1,973	4,525	6,498	1,834	2,644	4,478	20,672
10:00pm	1,744	2,193	2,521	1,069	7,527	1,885	4,454	6,339	1,835	2,586	4,421	18,287
11:00pm	1,611	2,318	2,606	878	7,413	1,695	4,764	6,459	1,180	2,077	3,257	17,129
TOTAL	53,005	42,430	50,794	24,103	170,332	38,135	93,083	131,218	45,859	43,633	89,492	391,042

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 12, 2011). Thus, there may be some variation in this report and the reports produced by NYC DOT.

SECTION F FERRY AND TRAMWAY PASSENGERS BY FACILITY 2011-INBOUND

HOURS	BROOKLYN FERRY	QUEENS FERRY	NEW JERSEY FERRY	STATEN ISLAND FERRY	TOTAL FERRIES	ROOSEVELT ISLAND TRAMWAY	TOTAL FERRIES and RI TRAMWAY
12:00am	0	0	0	132	132	17	149
1:00am	0	0	0	69	69	5	74
2:00am	0	0	0	65	65	4	69
3:00am	0	0	0	44	44	0	44
4:00am	0	0	0	140	140	0	140
5:00am	0	0	135	393	528	0	528
6:00am	0	0	1,501	1,330	2,831	61	2,892
7:00am	0	0	3,950	3,190	7,140	309	7,449
8:00am	141	8	6,100	5,368	11,618	587	12,205
9:00am	31	2	2,450	4,314	6,797	445	7,242
10:00am	0	0	806	2,028	2,834	212	3,046
11:00am	0	0	551	1,558	2,109	157	2,266
12:00pm	0	0	473	1,501	1,974	168	2,142
1:00pm	0	0	497	1,349	1,846	143	1,989
2:00pm	6	0	326	1,562	1,895	137	2,032
3:00pm	37	2	279	1,249	1,567	148	1,715
4:00pm	252	15	562	1,343	2,172	174	2,346
5:00pm	129	8	739	1,260	2,136	114	2,250
6:00pm	166	10	513	1,197	1,886	112	1,998
7:00pm	190	11	271	688	1,161	55	1,216
8:00pm	0	0	96	563	659	67	726
9:00pm	0	0	80	414	494	56	550
10:00pm	0	0	19	342	361	36	397
11:00pm	0	0	20	288	308	30	338
TOTAL	952	56	19,368	30,387	50,763	3,037	53,800

2011-OUTBOUND

HOURS	BROOKLYN FERRY	QUEENS FERRY	NEW JERSEY FERRY	STATEN ISLAND FERRY	TOTAL FERRIES	ROOSEVELT ISLAND TRAMWAY	TOTAL FERRIES and RI TRAMWAY
12:00am	0	0	22	681	703	45	748
1:00am	0	0	0	577	577	15	592
2:00am	0	0	0	252	252	0	252
3:00am	0	0	0	118	118	0	118
4:00am	0	0	0	116	116	0	116
5:00am	0	0	0	99	99	0	99
6:00am	0	0	59	370	429	38	467
7:00am	0	0	328	538	866	64	930
8:00am	0	0	444	773	1,217	74	1,291
9:00am	0	0	377	893	1,270	134	1,404
10:00am	0	0	210	1,056	1,266	89	1,355
11:00am	0	0	210	969	1,179	95	1,274
12:00pm	0	0	227	1,230	1,457	84	1,541
1:00pm	0	0	343	1,406	1,749	133	1,882
2:00pm	188	14	441	1,426	2,069	115	2,184
3:00pm	104	8	760	1,671	2,543	238	2,781
4:00pm	114	8	1,892	2,689	4,703	247	4,950
5:00pm	109	8	4,035	4,332	8,484	358	8,842
6:00pm	163	12	3,788	5,420	9,383	448	9,831
7:00pm	40	3	1,866	3,719	5,627	368	5,995
8:00pm	0	0	585	2,304	2,889	234	3,123
9:00pm	0	0	524	1,570	2,094	171	2,265
10:00pm	0	0	373	1,106	1,479	111	1,590
11:00pm	0	0	156	914	1,070	76	1,146
TOTAL	718	52	16,640	34,229	51,639	3,137	53,630

SECTION G
BICYCLE VOLUMES BY SECTOR
SUMMARY, 2011-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	289	221	130	3	643
7:00am	540	490	252	8	1,290
8:00am	932	1,196	316	5	2,449
9:00am	869	1,281	264	8	2,422
10:00am	706	648	152	4	1,510
11:00am	908	360	139	4	1,411
12:00pm	1,109	332	100	7	1,548
1:00pm	958	236	103	5	1,302
2:00pm	867	231	110	13	1,221
3:00pm	861	260	127	18	1,266
4:00pm	888	329	128	23	1,368
5:00pm	1,049	335	95	117	1,596
6:00pm	1,259	318	78	37	1,692
7:00pm	1,295	245	79	29	1,648
8:00pm	1,077	181	69	17	1,344
9:00pm	751	156	32	11	950
10:00pm	569	96	30	9	704
11:00pm	343	78	19	7	447
TOTAL	15,270	6,993	2,223	325	24,811

SUMMARY, 2011-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	259	40	17	20	336
7:00am	393	76	51	41	561
8:00am	536	110	69	44	759
9:00am	583	130	105	21	839
10:00a	591	142	79	18	830
11:00a	780	153	56	10	999
12:00p	971	149	88	8	1,216
1:00pm	921	151	101	5	1,178
2:00pm	849	202	115	10	1,176
3:00pm	909	292	119	12	1,332
4:00pm	1,008	465	163	8	1,644
5:00pm	1,262	799	270	9	2,340
6:00pm	1,630	1,295	253	17	3,195
7:00pm	1,544	1,210	195	14	2,963
8:00pm	1,161	808	170	11	2,150
9:00pm	806	517	109	6	1,438
10:00p	551	397	89	4	1,041
11:00p	301	287	70	4	662
TOTAL	15,055	7,223	2,119	262	24,659

SECTION G
BICYCLE VOLUMES BY FACILITY
60TH STREET SECTOR, 2011-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	-	61	-	11	6	-	35	4	27	22	1	22	-	9	-	91	289
7:00am	-	81	-	30	5	1	44	3	42	51	-	39	-	21	-	223	540
8:00am	2	117	2	57	13	-	82	4	58	102	1	71	1	29	3	390	932
9:00am	-	109	-	45	14	1	105	5	57	94	4	72	-	18	2	343	869
10:00am	8	90	-	42	12	-	88	10	57	62	6	86	-	19	2	224	706
11:00am	2	131	4	74	40	1	156	13	60	92	8	108	-	26	3	190	908
12:00pm	5	129	1	108	62	1	203	6	90	109	7	147	2	36	2	201	1,109
1:00pm	1	103	1	101	38	4	141	3	82	102	8	151	3	43	1	176	958
2:00pm	2	89	2	77	28	3	96	11	86	99	9	143	2	25	2	193	867
3:00pm	3	94	-	79	22	8	97	11	72	91	8	146	6	23	-	201	861
4:00pm	5	126	7	73	34	2	102	14	53	107	6	112	8	32	1	206	888
5:00pm	6	115	1	95	39	1	127	8	70	120	3	141	14	41	4	264	1,049
6:00pm	5	156	5	132	99	6	126	16	106	107	16	166	3	35	5	276	1,259
7:00pm	10	167	13	136	77	1	153	12	108	116	21	204	6	30	5	236	1,295
8:00pm	8	159	2	122	57	4	152	19	97	99	17	188	10	34	3	106	1,077
9:00pm	1	93	2	70	21	-	103	15	76	66	15	144	11	19	1	114	751
10:00pm	5	89	4	54	23	2	46	19	51	77	15	111	4	12	2	55	569
11:00pm	3	65	1	29	11	1	26	7	34	47	10	58	2	9	1	39	343
TOTAL	66	1,974	45	1,335	601	36	1,882	180	1,226	1,563	155	2,109	72	461	37	3,528	15,270

SECTION G
BICYCLE VOLUMES BY LOCATION
60TH STREET SECTOR, 2011-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	32	1	25	-	7	3	-	28	3	-	31	2	-	5	1	121	259
7:00am	43	1	62	2	11	16	1	48	3	-	45	-	1	8	10	142	393
8:00am	70	-	60	1	17	22	-	44	1	6	61	1	3	9	12	229	536
9:00am	70	-	69	-	29	20	-	72	1	11	80	-	3	10	12	206	583
10:00am	66	-	77	-	19	43	3	92	-	8	92	7	8	17	5	154	591
11:00am	74	2	116	-	39	47	-	129	4	7	104	6	11	23	6	212	780
12:00pm	79	4	134	1	38	103	3	143	4	29	166	22	19	24	7	195	971
1:00pm	67	4	126	9	35	81	1	123	3	15	180	38	37	30	4	168	921
2:00pm	76	1	91	1	36	66	2	131	3	13	167	13	26	31	7	185	849
3:00pm	94	6	108	-	35	74	4	136	3	4	117	24	40	24	5	235	909
4:00pm	100	8	105	2	37	73	3	174	1	5	120	24	66	19	6	265	1,008
5:00pm	113	6	123	-	44	132	5	182	4	3	185	12	66	34	9	344	1,262
6:00pm	171	14	198	1	85	126	1	206	7	1	225	26	80	23	12	454	1,630
7:00pm	144	11	206	1	87	142	4	237	5	9	244	38	80	27	14	295	1,544
8:00pm	108	9	182	1	65	113	4	189	9	12	208	25	73	16	10	137	1,161
9:00pm	115	7	132	1	25	50	4	111	7	7	126	28	65	10	10	108	806
10:00pm	83	-	79	4	21	18	3	79	7	2	116	23	22	8	8	78	551
11:00pm	50	4	41	2	10	8	1	49	4	7	60	14	5	2	5	39	301
TOTAL	1,555	78	1,934	26	640	1,137	39	2,173	69	139	2,327	303	605	320	143	3,567	15,055

SECTION G BICYCLE VOLUMES BY LOCATION 2011-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	89	46	86	221	130	3	354
7:00am	186	93	211	490	252	8	750
8:00am	505	223	468	1,196	316	5	1,517
9:00am	552	222	507	1,281	264	8	1,553
10:00am	311	87	250	648	152	4	804
11:00am	161	70	129	360	139	4	503
12:00pm	146	89	97	332	100	7	439
1:00pm	92	48	96	236	103	5	344
2:00pm	93	44	94	231	110	13	354
3:00pm	110	38	112	260	127	18	405
4:00pm	148	65	116	329	128	23	480
5:00pm	140	54	141	335	95	117	547
6:00pm	159	49	110	318	78	37	433
7:00pm	124	26	95	245	79	29	353
8:00pm	82	15	84	181	69	17	267
9:00pm	57	18	81	156	32	11	199
10:00pm	35	15	46	96	30	9	135
11:00pm	23	11	44	78	19	7	104
TOTAL	3,013	1,213	2,767	6,993	2,223	325	9,541

2011-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	17	6	17	40	17	20	77
7:00am	29	17	30	76	51	41	168
8:00am	44	33	33	110	69	44	223
9:00am	49	34	47	130	105	21	256
10:00am	47	35	60	142	79	18	239
11:00am	76	35	42	153	56	10	219
12:00pm	66	42	41	149	88	8	245
1:00pm	55	46	50	151	101	5	257
2:00pm	70	54	78	202	115	10	327
3:00pm	106	61	125	292	119	12	423
4:00pm	176	102	187	465	163	8	636
5:00pm	344	134	321	799	270	9	1,078
6:00pm	570	221	504	1,295	253	17	1,565
7:00pm	525	160	525	1,210	195	14	1,419
8:00pm	351	103	354	808	170	11	989
9:00pm	256	64	197	517	109	6	632
10:00pm	193	63	141	397	89	4	490
11:00pm	141	46	100	287	70	4	361
TOTAL	3,115	1,256	2,852	7,223	2,119	262	9,604

Appendix IV

List of Data Sources - 2011

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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)
- Westchester County Department of Transportation - Bee Line

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 - NYCDOT Ferry Division
- For private ferry ridership – NYCDOT Ferry Division
- The Port Authority of NY&NJ - Ferry Transportation
- New York Water Taxi and Circle Line Downtown
- New York Waterway - Information System Support
- Seastreak Ferry

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.