

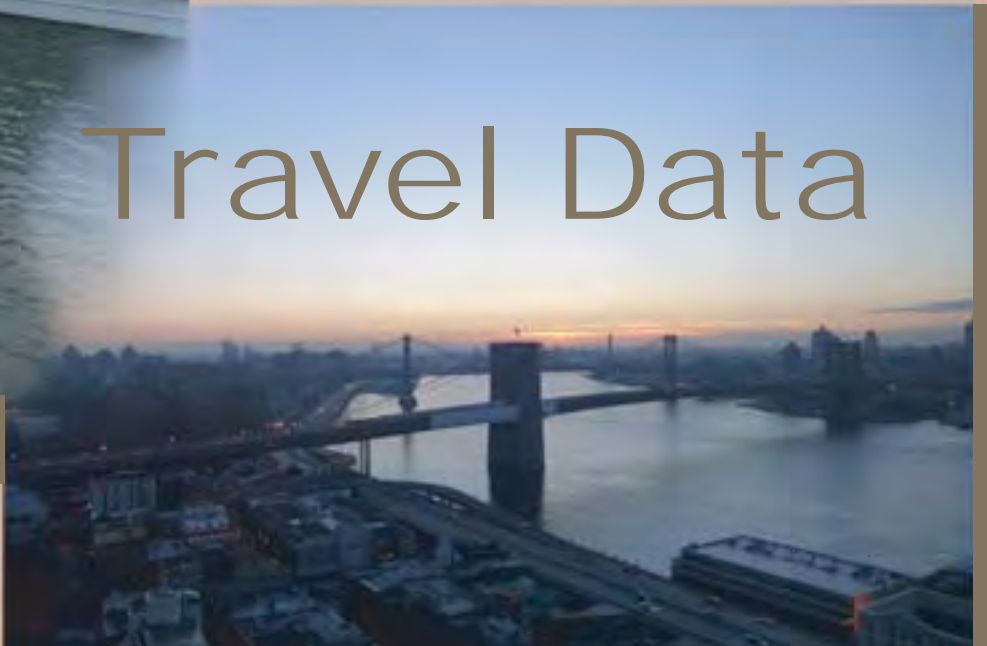


# HUB Bound 2012



## Travel Data

December 2013



[www.NYMTC.org](http://www.NYMTC.org)

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

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

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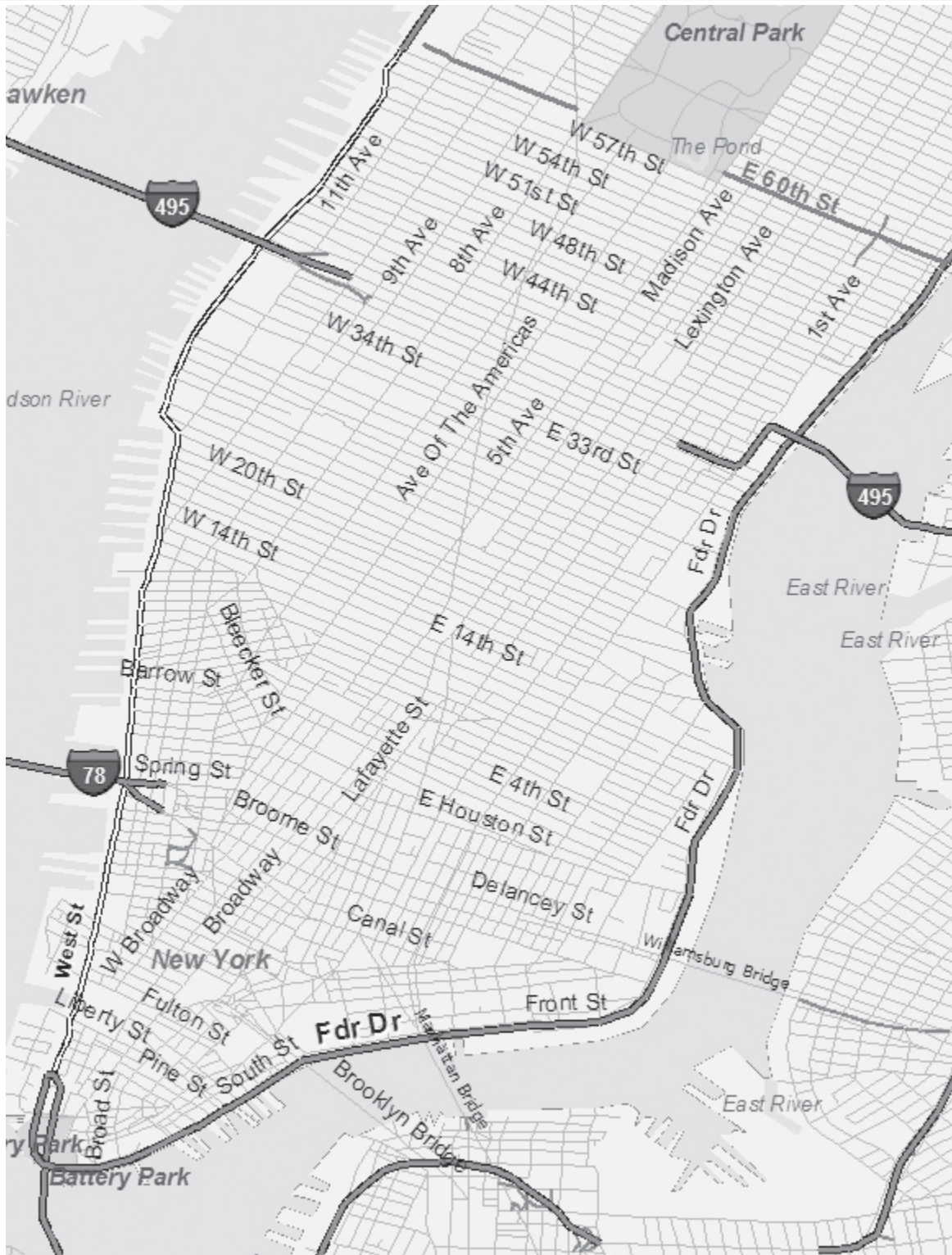
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# MANHATTAN CENTRAL BUSINESS DISTRICT MAP



# MANHATTAN CBD CORDON CROSSINGS BY SECTOR

## 60th Street Sector

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

## 60th Street Sector

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

## Queens Sector

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

## New Jersey Sector

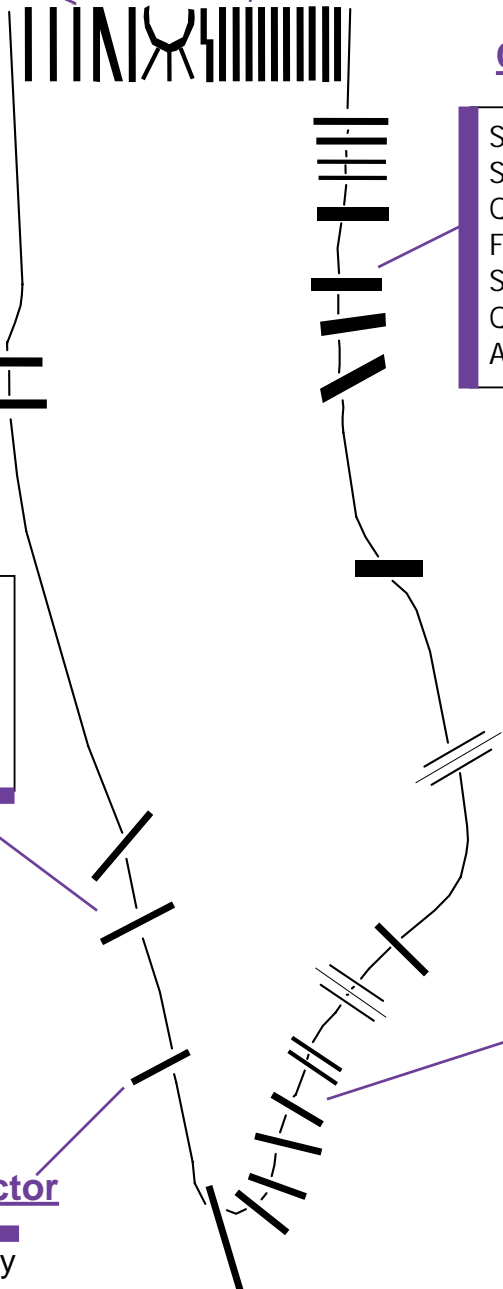
Lincoln Tunnel  
Amtrak/N.J. Transit Tunnels  
Uptown Path Tunnel  
Holland Tunnel  
Downtown Path Tunnel

## Brooklyn Sector

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

## Staten Island Sector

Staten Island Ferry





**QUICK REFERENCE DATA**  
**PERSONS ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY**  
**BY MODE AND SECTOR, IN 2012**

SECTOR / MODE	Entering	Leaving	Total
<b>60TH STREET</b>			
SUBWAY	807,334	782,329	1,589,663
AUTOS, TAXIS, VANS AND TRUCKS	435,378	462,965	898,343
BUS	42,474	43,217	85,691
SUBURBAN AND INTERCITY RAIL	106,818	105,385	212,203
FERRY	-	-	-
BICYCLE	12,916	13,018	25,934
<b>TOTAL 60TH STREET SECTOR - ALL MODES</b>	<b>1,404,920</b>	<b>1,406,914</b>	<b>2,811,834</b>
<b>BROOKLYN</b>			
SUBWAY	767,218	744,213	1,511,431
AUTOS, TAXIS, VANS AND TRUCKS	213,259	238,930	452,189
BUS	21,813	19,850	41,663
SUBURBAN AND INTERCITY RAIL	-	-	-
FERRY	1,112	792	1,904
BICYCLE	7,209	6,727	13,936
<b>TOTAL BROOKLYN SECTOR - ALL MODES</b>	<b>1,010,611</b>	<b>1,010,512</b>	<b>2,021,123</b>
<b>QUEENS (and TRAMWAY)</b>			
SUBWAY	471,833	478,588	950,421
AUTOS, TAXIS, VANS AND TRUCKS	175,210	171,914	347,124
BUS	12,543	11,023	23,566
SUBURBAN AND INTERCITY RAIL	114,687	112,835	227,522
FERRY	63	641	704
BICYCLE	1,748	1,740	3,488
TRAMWAY	3,421	3,338	6,759
<b>TOTAL QUEENS SECTOR - ALL MODES</b>	<b>779,505</b>	<b>780,079</b>	<b>1,559,584</b>
<b>NEW JERSEY</b>			
SUBWAY and PATH	119,334	111,889	231,223
AUTOS, TAXIS, VANS AND TRUCKS	116,310	133,970	250,280
BUS	191,074	182,407	373,481
SUBURBAN AND INTERCITY RAIL	81,860	82,238	164,098
FERRY	15,367	14,912	30,279
BICYCLE	-	-	-
<b>TOTAL NEW JERSEY SECTOR - ALL MODES</b>	<b>523,945</b>	<b>525,416</b>	<b>1,049,361</b>
<b>STATEN ISLAND (via FERRY)</b>			
SUBWAY	-	-	-
AUTOS, TAXIS, VANS AND TRUCKS	-	-	-
BUS (1)	-	-	-
SUBURBAN AND INTERCITY RAIL	-	-	-
FERRY	35,342	37,363	72,705
BICYCLE	188	62	250
<b>TOTAL STATEN ISLAND (via FERRY)</b>	<b>35,530</b>	<b>37,425</b>	<b>72,955</b>
<b>ALL SECTORS</b>			
SUBWAY	2,165,719	2,117,019	4,282,738
AUTOS, TAXIS, VANS AND TRUCKS	940,157	1,007,779	1,947,936
BUS	267,904	256,497	524,401
SUBURBAN AND INTERCITY RAIL	303,365	300,458	603,823
FERRY	51,884	53,708	105,592
BICYCLE	22,061	21,547	43,608
TRAMWAY	3,421	3,338	6,759
<b>TOTAL ALL SECTORS - ALL MODES</b>	<b>3,754,511</b>	<b>3,760,346</b>	<b>7,514,857</b>

# Appendix I

## Time Series Tables - 2012

**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		1980	
<b>PERSONS BY MODE</b>																		
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%	930	30.9%
BUS	40	1.5%	150	4.6%	290	7.9%	243	7.3%	243	7.3%	252	7.7%	256	8.1%	232	7.7%	253	8.4%
TROLLEY	88	3.3%	59	1.8%	24	0.7%	3	0.1%	-	-	-	-	-	-	-	-	1,579	52.4%
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%	218	7.2%
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%	29	1.0%
PASSENGER FERRY	85	3.2%	68	2.08%	48	1.3%	36	1.1%	36	1.1%	38	0.01155	36	1.1%	31	1.0%	4	0.1%
<b>TOTAL</b>	<b>2,697</b>	<b>-</b>	<b>3,271</b>	<b>-</b>	<b>3,691</b>	<b>-</b>	<b>3,313</b>	<b>-</b>	<b>3,349</b>	<b>-</b>	<b>3,290</b>	<b>-</b>	<b>3,167</b>	<b>-</b>	<b>3,008</b>	<b>-</b>	<b>3,013</b>	<b>-</b>
<b>PERSONS BY SECTOR</b>																		
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%	1,192	39.6%
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%	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%	655	21.7%
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%	327	10.9%
STATEN ISLAND	41	1.5%	37	1.1%	40	1.1%	36	1.1%	39	1.2%	40	1.2%	37	1.2%	32	1.1%	29	1.0%
ROOSEVELT ISLAND																	4	0.1%
<b>TOTAL</b>	<b>2,697</b>	<b>-</b>	<b>3,271</b>	<b>-</b>	<b>3,691</b>	<b>-</b>	<b>3,313</b>	<b>-</b>	<b>3,349</b>	<b>-</b>	<b>3,290</b>	<b>-</b>	<b>3,167</b>	<b>-</b>	<b>3,008</b>	<b>-</b>	<b>3,013</b>	<b>-</b>
<b>MOTOR VEHICLES BY SECTOR</b>																		
<b>(AUTOS, TAXIS, VANS, TRUCKS)</b>																		
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%	300	46.3%
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%	159	24.5%
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%	105	16.2%
NEW JERSEY	26	8.9%	35	10.0%	43	11.1%	61	11.8%	69	11.7%	71	12.7%	75	11.6%	78	12.4%	83	12.8%
STATEN ISLAND	2	0.7%	1	0.3%	1	0.3%	2	0.4%	2	0.3%	2	0.4%	1	0.2%	1	0.2%	1	0.2%
<b>TOTAL</b>	<b>293</b>	<b>-</b>	<b>351</b>	<b>-</b>	<b>388</b>	<b>-</b>	<b>519</b>	<b>-</b>	<b>590</b>	<b>-</b>	<b>559</b>	<b>-</b>	<b>646</b>	<b>-</b>	<b>628</b>	<b>-</b>	<b>648</b>	<b>-</b>

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

	1981		1982		1985		1986		1988		1990		1992		1993		1994	
<b>PERSONS BY MODE</b>																		
AUTO, TAXI, VAN & TRUCK	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%	1,124	33.8%	1,115	33.0%
BUS	243	7.9%	275	8.5%	297	8.8%	267	7.9%	242	7.0%	238	7.2%	225	6.7%	219	6.6%	220	6.5%
SUBWAY	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%	1,712	51.4%	1,765	52.2%
RAILROAD	218	7.1%	214	6.6%	219	6.5%	224	6.6%	234	6.7%	228	6.9%	223	6.7%	226	6.8%	233	6.9%
PASSENGER FERRY	25	0.8%	39	1.2%	34	1.0%	34	1.0%	41	1.2%	44	1.3%	41	1.2%	42	1.2%	42	1.2%
TRAM	4	0.13%	4	0.1%	4	-	3	0.1%	4	0%	2	0.1%	1	0.0%	7	0.2%	2	0.05%
<b>TOTAL</b>	<b>3,074</b>	<b>-</b>	<b>3,233</b>	<b>-</b>	<b>3,362</b>	<b>-</b>	<b>3,392</b>	<b>-</b>	<b>3,475</b>	<b>-</b>	<b>3,322</b>	<b>-</b>	<b>3,335</b>	<b>-</b>	<b>3,330</b>	<b>-</b>	<b>3,382</b>	<b>-</b>
<b>PERSONS BY SECTOR</b>																		
NORTH OF 60TH STREET	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%	1,341	40.3%	1,359	40.2%
BROOKLYN	831	27.0%	858	26.5%	903	26.9%	915	27.0%	924	26.6%	903	27.2%	871	26.1%	875	26.3%	868	25.7%
QUEENS	654	21.3%	654	20.2%	683	20.3%	695	20.5%	700	20.1%	670	20.2%	677	20.3%	675	20.3%	696	20.6%
NEW JERSEY	342	11.1%	374	11.6%	401	11.9%	406	12.0%	403	11.6%	411	12.4%	402	12.1%	408	12.2%	427	12.6%
STATEN ISLAND	26	0.8%	41	1.3%	34	1.0%	35	1.0%	39	1.1%	37	1.1%	33	1.0%	32	1.0%	30	0.9%
ROOSEVELT ISLAND	4	0.1%	4	0.1%	4	0.1%	3	0.1%	4	0.1%	2	0.06%	1	0.03%	-	-	2	0.05%
<b>TOTAL</b>	<b>3,074</b>	<b>-</b>	<b>3,233</b>	<b>-</b>	<b>3,362</b>	<b>-</b>	<b>3,392</b>	<b>-</b>	<b>3,475</b>	<b>-</b>	<b>3,322</b>	<b>-</b>	<b>3,336</b>	<b>-</b>	<b>3,330</b>	<b>-</b>	<b>3,382</b>	<b>-</b>
<b>MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)</b>																		
NORTH OF 60TH STREET	320	47.1%	341	48.6%	363	47.1%	352	46.7%	361	47.1%	349	45.9%	382	49.2%	370	48.6%	358	47.5%
BROOKLYN	165	24.3%	166	23.7%	199	25.8%	192	25.5%	188	24.5%	206	27.1%	185	23.8%	182	23.9%	185	24.5%
QUEENS	105	15.5%	99	14.1%	110	14.3%	111	14.7%	117	15.3%	104	13.7%	108	13.9%	107	14.1%	107	14.2%
NEW JERSEY	88	13.0%	94	13.4%	97	12.6%	97	12.9%	99	12.9%	101	13.3%	101	13.0%	102	13.4%	104	13.7%
STATEN ISLAND	1	0.1%	1	0.1%	1	0.1%	1	0.1%	1	0.1%	1	0.13%	-	-	-	-	0	0.03%
<b>TOTAL</b>	<b>679</b>	<b>-</b>	<b>701</b>	<b>-</b>	<b>770</b>	<b>-</b>	<b>753</b>	<b>-</b>	<b>766</b>	<b>-</b>	<b>761</b>	<b>-</b>	<b>776</b>	<b>-</b>	<b>760</b>	<b>-</b>	<b>755</b>	<b>-</b>

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

	1995		1996		1997		1998		1999		2000		2001		2002		2003	
<b>PERSONS BY MODE</b>																		
AUTO, TAXI, VAN & TRUCK	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%	1,136	31.1%	1,179	32.6%
BUS	216	6.3%	220	6.4%	238	6.6%	231	6.3%	237	6.3%	228	5.9%	257	7.4%	260	7.1%	261	7.2%
SUBWAY	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%	1,878	51.4%	1,821	50.3%
RAILROAD	236	6.9%	246	7.1%	251	7.0%	254	6.9%	274	7.3%	301	7.7%	288	8.3%	307	8.4%	288	7.9%
PASSENGER FERRY	42	1.2%	41	1.2%	43	1.2%	43	1.1%	57	1.5%	46	1.2%	30	0.9%	67	1.8%	62	1.7%
TRAM	2	0.0%	2	0.1%	1	0.1%	1	0.1%	1	0.0%	1	0.0%	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%	7	0.19%	9	0.26%
<b>TOTAL</b>	<b>3,410</b>	<b>-</b>	<b>3,454</b>	<b>-</b>	<b>3,546</b>	<b>-</b>	<b>3,670</b>	<b>-</b>	<b>3,790</b>	<b>-</b>	<b>3,839</b>	<b>-</b>	<b>3,471</b>	<b>-</b>	<b>3,657</b>	<b>-</b>	<b>3,621</b>	<b>-</b>
<b>PERSONS BY SECTOR</b>																		
NORTH OF 60TH STREET	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%	1,395	38.2%	1,399	38.7%
BROOKLYN	865	25.6%	883	25.7%	964	27.8%	991	27.0%	991	26.2%	1,040	27.1%	927	26.7%	987	27.0%	977	27.0%
QUEENS	702	20.8%	705	20.5%	712	19.9%	764	20.8%	784	20.7%	787	21.3%	772	22.3%	765	20.9%	740	20.4%
NEW JERSEY	425	12.6%	437	12.7%	460	12.9%	463	12.6%	481	12.7%	497	14.3%	424	12.2%	476	13.0%	473	13.1%
STATEN ISLAND	30	0.9%	30	0.9%	31	0.9%	31	0.8%	39	1.0%	30	0.8%	0	0.0%	33	0.9%	30	0.8%
ROOSEVELT ISLAND	2	0.05%	2	0.06%	1	0.10%	1	0.04%	1	0.04%	1	0.04%	1	0.03%	1	0.04%	1	0.04%
<b>TOTAL</b>	<b>3,410</b>	<b>-</b>	<b>3,433</b>	<b>-</b>	<b>3,544</b>	<b>-</b>	<b>3,669</b>	<b>-</b>	<b>3,790</b>	<b>-</b>	<b>3,839</b>	<b>-</b>	<b>3,471</b>	<b>-</b>	<b>3,657</b>	<b>-</b>	<b>3,621</b>	<b>-</b>
<b>MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)</b>																		
NORTH OF 60TH STREET	361	47.9%	375	48.3%	377	46.6%	389	46.5%	393	46.6%	387	46.7%	369	53.5%	376.833	48.0%	383	47.3%
BROOKLYN	189	25.1%	182	23.5%	199	24.6%	206	24.6%	203	24.1%	201	24.1%	133	19.3%	178	22.7%	185	22.9%
QUEENS	117	15.5%	119	15.30%	131	16.2%	138	16.5%	135	16.0%	131	15.9%	127	18.4%	132.759	16.9%	139	17.2%
NEW JERSEY	104	13.8%	100	12.9%	101	12.5%	102	12.2%	112	13.3%	105	13.4%	60	8.8%	96.818304	12.3%	103	12.7%
STATEN ISLAND	0	0.03%	0	0.00%	1	0.07%	1	0.12%	1	0.12%	0	0.04%	0	0.00%	0	0.00%	0	0.00%
<b>TOTAL</b>	<b>772</b>	<b>-</b>	<b>776</b>	<b>-</b>	<b>809</b>	<b>-</b>	<b>836</b>	<b>-</b>	<b>844</b>	<b>-</b>	<b>825</b>	<b>-</b>	<b>689</b>	<b>-</b>	<b>785</b>	<b>-</b>	<b>810</b>	<b>-</b>

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)

	2004		2005		2006		2007		2008		2009		2010		2011		2012	
<b>PERSONS BY MODE</b>																		
AUTO, TAXI, VAN & TRUCK	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%	940	25.0%
BUS	286	7.8%	280	7.8%	284	7.9%	291	7.8%	284	7.5%	274	7.6%	269	7.3%	263	7.2%	268	7.1%
SUBWAY	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%	2,166	57.7%
RAILROAD	274	7.5%	284	8.0%	299	8.3%	305	8.1%	310	8.2%	300	8.3%	300	8.1%	302	8.2%	303	8.1%
PASSENGER FERRY	53	1.4%	52	1.5%	49	1.4%	49	1.3%	53	1.4%	54	1.5%	55	1.5%	50	1.4%	52	1.4%
TRAM	2	0.0%	2	0.1%	3	0.1%	3	0.1%	3	0.1%	3	0.0	0	0.0%	3	0.1%	3	0.1%
BICYCLE	9	0.25%	9	0.25%	12	0.33%	15	0.39%	15	0.39%	21	0.58%	24	0.65%	25	0.68%	22	0.59%
<b>TOTAL</b>	<b>3,682</b>	<b>-</b>	<b>3,569</b>	<b>-</b>	<b>3,600</b>	<b>-</b>	<b>3,740</b>	<b>-</b>	<b>3,799</b>	<b>-</b>	<b>3,597</b>	<b>-</b>	<b>3,688</b>	<b>-</b>	<b>3,662</b>	<b>-</b>	<b>3,755</b>	<b>-</b>
<b>PERSONS BY SECTOR</b>																		
NORTH OF 60TH STREET	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%	1,405	37.4%
BROOKLYN	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%	1,011	26.9%
QUEENS	752	20.4%	735	20.6%	742	20.6%	779	20.8%	778	20.5%	737	20.5%	748	20.3%	757	20.7%	780	20.8%
NEW JERSEY	499	13.6%	493	13.8%	515	14.3%	536	14.3%	528	13.9%	515	14.3%	537	14.6%	518	14.1%	521	13.9%
STATEN ISLAND	32	0.9%	33	0.9%	30	0.8%	30	0.8%	35	0.9%	36	1.0%	37	1.0%	30	0.8%	36	0.9%
ROOSEVELT ISLAND	2	0.05%	2	0.06%	3	0.07%	3	0.08%	3	0.08%	-	-	-	-	3	0.1%	3	0.09%
<b>TOTAL</b>	<b>3,682</b>	<b>-</b>	<b>3,569</b>	<b>-</b>	<b>3,600</b>	<b>-</b>	<b>3,740</b>	<b>-</b>	<b>3,799</b>	<b>-</b>	<b>3,597</b>	<b>-</b>	<b>3,688</b>	<b>-</b>	<b>3,662</b>	<b>-</b>	<b>3,755</b>	<b>-</b>
<b>MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)</b>																		
NORTH OF 60TH STREET	384	47.1%	377	47.2%	364	45.8%	353	45.1%	339	45.8%	343	45.7%	349	45.5%	347	46.3%	331	44.8%
BROOKLYN	195	24.0%	187	23.5%	186	23.5%	192	24.5%	176	23.8%	182	24.3%	186	24.3%	174	23.3%	178	24.1%
QUEENS	133	16.4%	133	16.7%	141	17.8%	136	17.4%	131	17.7%	137	18.3%	134	17.5%	138	18.5%	140	18.9%
NEW JERSEY	102	12.6%	101	12.7%	103	12.9%	102	13.1%	94	12.7%	87	11.6%	98	12.8%	89	11.9%	90	12.2%
STATEN ISLAND	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	0	0.0%	0	0.00%	0	0.0%
<b>TOTAL</b>	<b>815</b>	<b>-</b>	<b>798</b>	<b>-</b>	<b>794</b>	<b>-</b>	<b>783</b>	<b>-</b>	<b>739</b>	<b>-</b>	<b>750</b>	<b>-</b>	<b>767</b>	<b>-</b>	<b>748</b>	<b>-</b>	<b>740</b>	<b>-</b>

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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		1993		1994		1995		1996		1997		1998		2000		2001		2002	
AUTO, TAXI, VAN & TRUCK	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%	220	15.6%
BUS	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%	138	9.8%
SUBWAY	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%	813	57.8%
RAILROAD	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%	196	13.9%
PASSENGER FERRY	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%	39	2.7%
TRAMWAY	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%	0	0.0%
BICYCLE							2	0	2	0.1%	1	0.1%	2	0.1%	1	0.1%	1	0.1%	2	0.1%
<b>TOTAL</b>	<b>1,405</b>	<b>-</b>	<b>1,381</b>	<b>-</b>	<b>1,396</b>	<b>-</b>	<b>1,385</b>	<b>-</b>	<b>1,403</b>	<b>-</b>	<b>1,412</b>	<b>-</b>	<b>1,433</b>	<b>-</b>	<b>1,536</b>	<b>-</b>	<b>1,368</b>	<b>-</b>	<b>1,408</b>	<b>-</b>
YEAR / MODE	2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
AUTO, TAXI, VAN & TRUCK	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%	139	10.2%
BUS	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%	130	9.5%
SUBWAY	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%	877	64.5%
RAILROAD	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%	182	13.4%
PASSENGER FERRY	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%	25	1.9%
TRAMWAY	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%	1	0.1%
BICYCLE	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%	6	0.4%
<b>TOTAL</b>	<b>1,388</b>	<b>-</b>	<b>1,372</b>	<b>-</b>	<b>1,346</b>	<b>-</b>	<b>1,328</b>	<b>-</b>	<b>1,460</b>	<b>-</b>	<b>1,448</b>	<b>-</b>	<b>1,327</b>	<b>-</b>	<b>1,353</b>	<b>-</b>	<b>1,368</b>	<b>-</b>	<b>1,361</b>	<b>-</b>

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%
2012	6.4%	18.7%	19.3%	43.5%	16.0%	37.3%

\* 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
2012	3,754,511	1,397,355	600,132	2,300,610

\* Estimated non-agricultural employment data estimated based on New York State Department of Labor. 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
2012	1,203,234	630,247	1,833,480	2:00 PM	81,359	75,404	156,762	1:00pm

\* CBD resident and vehicle figures for 2004-2012 are estimated based on most current data available.

**TABLE 5  
TOTAL PUBLIC TRANSIT PASSENGERS AND BICYCLISTS  
ENTERING AND LEAVING THE HUB  
ON A FALL BUSINESS DAY, 2002-2012**

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>BUS PASSENGERS</b>											
<b>60TH STREET SECTOR</b>											
FDR DRIVE	-	-	-	-	-	-	-	-	-	-	-
YORK AVENUE	6,898	6,230	6,541	5,688	6,436	6,476	5,694	4,998	4,601	4,292	4,614
FIRST AVE/SECOND AVE	20,885	20,510	20,150	18,879	17,415	17,850	17,111	15,274	18,399	22,739	22,435
LEXINGTON AVE/THIRD AVE	18,587	17,955	18,979	20,032	18,255	16,291	14,904	15,845	14,650	13,519	11,940
MADISON AVE/FIFTH AVE	45,614	45,152	43,660	40,255	40,246	39,208	34,017	31,899	27,976	29,870	30,246
CENTRAL PK WEST	-	-	3,755	2,311	1,936	1,754	1,773	1,769	1,260	791	1,154
EIGHTH AVENUE	-	4,138	4,937	-	-	-	-	-	-	-	-
BROADWAY	12,610	12,296	6,858	13,994	13,751	13,796	12,524	12,501	11,540	7,273	9,715
COLUMBUS AVE/AMSTERDAM AVE	4,572	3,934	4,266	4,447	4,268	3,805	3,809	3,460	3,509	3,350	3,520
WEST END AVENUE	2,119	2,188	2,071	2,176	2,257	2,320	2,306	2,055	2,036	1,845	2,067
<b>SECTOR TOTAL</b>	<b>111,285</b>	<b>112,403</b>	<b>111,217</b>	<b>107,782</b>	<b>104,564</b>	<b>101,500</b>	<b>92,138</b>	<b>87,801</b>	<b>83,971</b>	<b>83,679</b>	<b>85,691</b>
<b>BROOKLYN SECTOR</b>											
WILLIAMSBURG BRIDGE	3,063	3,478	3,196	3,085	2,725	2,006	1,673	1,624	-	- (1)	- (1)
MANHATTAN BRIDGE	919	1,110	1,055	1,025	966	1,143	1,104	941	-	- (1)	- (1)
BROOKLYN BATTERY TUNNEL	57,553	60,257	61,849	54,365	56,585	54,443	54,961	47,103	47,006	42,088	41,663
<b>SECTOR TOTAL</b>	<b>61,535</b>	<b>64,845</b>	<b>66,100</b>	<b>58,475</b>	<b>60,276</b>	<b>57,592</b>	<b>57,738</b>	<b>49,668</b>	<b>47,006</b>	<b>42,088</b>	<b>41,663</b>
<b>QUEENS SECTOR</b>											
QUEENS MIDTOWN TUNNEL	14,249	14,832	14,099	13,897	13,821	12,503	13,350	11,922	10,477	12,250	11,942
QUEENSBORO BRIDGE	16,855	16,981	17,695	18,943	19,437	30,957	15,999	14,162	11,902	11,980	11,624
<b>SECTOR TOTAL</b>	<b>31,104</b>	<b>31,813</b>	<b>31,794</b>	<b>32,840</b>	<b>33,258</b>	<b>43,460</b>	<b>29,349</b>	<b>26,084</b>	<b>22,379</b>	<b>24,230</b>	<b>23,566</b>
<b>NEW JERSEY SECTOR</b>											
HOLLAND TUNNEL	32,986	32,507	29,165	30,493	30,156	31,254	30,372	39,125	42,516	31,858	31,942
LINCOLN TUNNEL	278,831	284,489	330,936	320,870	323,358	321,901	328,975	329,550	332,382	345,852	341,539
<b>SECTOR TOTAL</b>	<b>311,817</b>	<b>316,996</b>	<b>360,101</b>	<b>351,363</b>	<b>353,514</b>	<b>353,155</b>	<b>359,347</b>	<b>368,675</b>	<b>374,898</b>	<b>377,710</b>	<b>373,481</b>
<b>TOTAL BUS PASSENGERS</b>	<b>515,741</b>	<b>526,057</b>	<b>569,212</b>	<b>550,460</b>	<b>551,612</b>	<b>555,708</b>	<b>538,572</b>	<b>532,228</b>	<b>528,254</b>	<b>527,707</b>	<b>524,401</b>

(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, 2002-2012

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>SUBWAY PASSENGERS</b>											
<b>60TH STREET SECTOR</b>											
LEXINGTON AVENUE EXPRESS	320,534	319,384	307,149	326,309	316,427	333,511	362,887	315,458	336,589	332,854	350,863
LEXINGTON AVENUE LOCAL	317,512	306,344	308,575	325,848	350,220	356,158	375,782	336,156	325,009	333,752	340,920
EIGHTH AVENUE EXPRESS	240,539	223,148	236,076	223,296	254,554	242,080	261,309	239,780	254,352	246,977	268,129
EIGHTH AVENUE LOCAL	96,874	96,184	97,415	99,854	111,892	117,146	121,697	118,594	115,898	118,802	123,777
BROADWAY/7TH AVE EXPRESS	235,167	253,085	270,008	264,220	255,140	260,647	292,986	264,085	266,418	266,070	281,075
BROADWAY/7TH AVE LOCAL	228,164	214,778	210,844	211,275	230,279	235,659	236,796	215,900	218,013	219,082	224,899
<b>SECTOR TOTAL</b>	<b>1,438,790</b>	<b>1,412,923</b>	<b>1,430,067</b>	<b>1,450,802</b>	<b>1,518,512</b>	<b>1,545,200</b>	<b>1,651,457</b>	<b>1,489,973</b>	<b>1,516,279</b>	<b>1,517,537</b>	<b>1,589,663</b>
<b>BROOKLYN SECTOR</b>											
14TH STREET TUNNEL	167,472	166,911	179,382	160,273	186,532	218,035	204,379	190,536	195,146	199,221	217,993
WILLIAMSBURG BRIDGE	85,964	90,030	95,669	106,329	110,539	118,793	123,008	106,605	118,869	119,384	124,980
RUTGERS TUNNEL	135,123	127,796	119,608	107,495	120,241	128,915	125,738	119,775	127,514	131,136	139,459
MANHATTAN BRIDGE	227,934	250,242	291,391	305,442	336,620	346,144	375,358	360,574	375,606	361,151	382,856
CRANBERRY ST. TUNNEL	236,495	216,822	220,431	228,917	219,905	235,578	231,465	212,765	225,762	229,748	243,259
CLARK ST. TUNNEL	125,959	126,764	130,665	122,720	128,108	134,326	130,881	135,506	140,989	143,536	146,585
MONTAGUE ST. TUNNEL	82,759	84,107	70,759	62,245	62,832	63,793	65,579	63,028	59,675	63,531	65,440
JORALEMON ST. TUNNEL	164,511	163,787	174,052	159,614	164,618	172,737	177,643	182,529	184,787	182,647	190,859
<b>SECTOR TOTAL</b>	<b>1,226,217</b>	<b>1,226,459</b>	<b>1,281,957</b>	<b>1,253,035</b>	<b>1,329,395</b>	<b>1,418,321</b>	<b>1,434,051</b>	<b>1,371,318</b>	<b>1,428,348</b>	<b>1,430,354</b>	<b>1,511,431</b>
<b>QUEENS SECTOR</b>											
60TH STREET TUNNEL	247,699	233,901	222,822	249,282	240,949	257,016	274,258	253,730	264,694	269,524	277,751
53RD STREET TUNNEL	226,569	221,438	232,903	249,751	256,746	260,872	276,661	259,861	273,974	276,546	291,506
STEINWAY ST. TUNNEL	190,391	185,419	205,960	205,100	195,589	224,241	218,535	195,243	201,016	201,130	209,062
63RD STREET TUNNEL	157,410	153,682	151,738	144,357	157,292	171,310	151,162	164,556	171,082	169,055	172,102
<b>SECTOR TOTAL</b>	<b>822,069</b>	<b>794,440</b>	<b>813,423</b>	<b>848,490</b>	<b>850,576</b>	<b>913,439</b>	<b>920,616</b>	<b>873,390</b>	<b>910,766</b>	<b>916,255</b>	<b>950,421</b>
<b>NEW JERSEY SECTOR</b>											
PATH DOWNTOWN	-	-	67,653	73,373	84,586	107,509	105,271	100,234	106,131	105,804	108,402
PATH UPTOWN	141,266	130,821	100,885	106,054	115,650	121,374	125,041	117,069	126,033	123,861	122,821
<b>SECTOR TOTAL</b>	<b>141,266</b>	<b>130,821</b>	<b>168,538</b>	<b>179,427</b>	<b>200,236</b>	<b>228,883</b>	<b>230,312</b>	<b>217,303</b>	<b>232,164</b>	<b>229,665</b>	<b>231,223</b>
<b>TOTAL SUBWAY PASSENGERS</b>	<b>3,628,342</b>	<b>3,564,643</b>	<b>3,693,985</b>	<b>3,731,754</b>	<b>3,898,719</b>	<b>4,105,843</b>	<b>4,236,436</b>	<b>3,951,984</b>	<b>4,087,557</b>	<b>4,093,811</b>	<b>4,282,738</b>
<b>SUBURBAN RAIL PASSENGERS</b>											
AMTRAK & MTA METRO-NORTH RR	188,533	188,550	186,954	193,339	198,206	205,987	209,646	200,396	203,561	210,491	212,203
AMTRAK & MTA LIRR	264,719	225,118	223,836	224,778	230,453	236,865	240,945	229,674	226,428	226,093	227,522
AMTRAK & NJ TRANSIT	155,772	161,029	130,778	143,898	155,850	162,434	160,869	153,209	166,830	158,287	164,098
<b>TOTAL RAIL PASSENGERS</b>	<b>609,024</b>	<b>574,697</b>	<b>541,568</b>	<b>562,015</b>	<b>584,509</b>	<b>605,286</b>	<b>611,460</b>	<b>583,279</b>	<b>596,819</b>	<b>594,871</b>	<b>603,823</b>
<b>FERRY PASSENGERS</b>											
MANHATTAN & UPSTATE	2	3	-	-	-	97	150	85	-	-	-
BROOKLYN	1,905	1,783	597	342	368	422	905	467	300	1,670	1,904
QUEENS	474	444	280	280	84	109	116	55	55	109	704
STATEN ISLAND FERRY	64,759	59,360	61,804	63,070	61,118	64,187	71,390	73,146	74,028	64,029 (3)	72,705 (3)
NEW JERSEY	61,631	57,668	39,615	36,328	35,004	36,268	32,595	33,860	36,042	36,008	30,279
<b>TOTAL FERRY PASSENGRS</b>	<b>128,771</b>	<b>119,257</b>	<b>102,297</b>	<b>100,020</b>	<b>96,574</b>	<b>101,083</b>	<b>105,156</b>	<b>107,613</b>	<b>110,425</b>	<b>101,816</b>	<b>105,592</b>
<b>ROOSEVELT ISLAND TRAMWAY</b>	<b>2,318</b>	<b>2,364</b>	<b>3,483</b>	<b>4,426</b>	<b>5,535</b>	<b>5,756</b>	<b>6,107</b>	<b>6,200</b>	<b>(2)</b>	<b>6,174</b>	<b>6,759</b>
<b>TOTAL PUBLIC TRANSIT PSGRS</b>	<b>4,884,195</b>	<b>4,787,019</b>	<b>4,910,544</b>	<b>4,948,675</b>	<b>5,136,949</b>	<b>5,373,676</b>	<b>5,497,731</b>	<b>5,181,304</b>	<b>5,323,055</b>	<b>5,324,379</b>	<b>5,523,313</b>
<b>BICYCLE</b>	<b>12,988</b>	<b>17,251</b>	<b>16,931</b>	<b>16,292</b>	<b>22,268</b>	<b>27,859</b>	<b>28,677</b>	<b>42,038</b>	<b>48,557</b>	<b>49,470 (4)</b>	<b>43,608 (4)</b>

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- (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 (2002-2012)**

SECTOR AND FACILITY	2002		2003			2004			2005			2006			2007			2008			2009			2010			2011			2012					
	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	AM PEAK	PM PEAK	OFF PEAK						
<b>60TH STREET SECTOR</b>																																			
LIXINGTON AVE EXPRESS	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	65	58	484			
LIXINGTON AVE LOCAL	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	50	53	461			
EIGHTH AVE EXPRESS	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	47	47	475			
EIGHTH AVE LOCAL	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	38	36	354			
BWAY/7TH AV EXPRESS	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	59	51	455			
BWAY/7TH AV LOCAL	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	42	39	382			
AMTRAK/METRO-NORTH	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	121	105	385			
<b>SECTOR TOTAL</b>	<b>814</b>	<b>2,852</b>	<b>415</b>	<b>399</b>	<b>2,875</b>	<b>418</b>	<b>389</b>	<b>2,897</b>	<b>425</b>	<b>404</b>	<b>2,869</b>	<b>425</b>	<b>385</b>	<b>2,937</b>	<b>427</b>	<b>396</b>	<b>2,948</b>	<b>430</b>	<b>410</b>	<b>2,992</b>	<b>430</b>	<b>387</b>	<b>3,010</b>	<b>412</b>	<b>396</b>	<b>3,022</b>	<b>431</b>	<b>391</b>	<b>2,987</b>	<b>422</b>	<b>389</b>	<b>2,996</b>			
<b>BROOKLYN SECTOR</b>																																			
14TH STREET TUNNEL	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	46	42	388			
WILLIAMSBURG BRIDGE	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	42	45	401			
RUTGERS ST. TUNNEL	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	32	34	305			
MANHATTAN BRIDGE	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	99	93	787			
CRANBERRY ST. TUNNEL	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	58	54	416			
CLARK ST. TUNNEL	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	48	46	463			
MONTAGUE ST. TUNNEL	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	24	25	211			
JORALEMON ST. TUNNEL	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	62	58	460			
<b>SECTOR TOTAL</b>	<b>789</b>	<b>3,333</b>	<b>400</b>	<b>389</b>	<b>3,314</b>	<b>413</b>	<b>405</b>	<b>3,304</b>	<b>423</b>	<b>409</b>	<b>3,299</b>	<b>425</b>	<b>407</b>	<b>3,304</b>	<b>432</b>	<b>413</b>	<b>3,295</b>	<b>420</b>	<b>405</b>	<b>3,400</b>	<b>418</b>	<b>413</b>	<b>3,435</b>	<b>396</b>	<b>396</b>	<b>3,407</b>	<b>412</b>	<b>386</b>	<b>3,415</b>	<b>411</b>	<b>397</b>	<b>3,431</b>			
<b>QUEENS SECTOR</b>																																			
60TH STREET TUNNEL	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	63	61	584			
53RD STREET TUNNEL	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	62	61	493			
STEINWAY ST. TUNNEL	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	69	60	458			
63RD STREET TUNNEL	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	38	37	296			
AMTRAK/LIRR TUNNEL	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	86	78	325			
<b>SECTOR TOTAL</b>	<b>607</b>	<b>2,363</b>	<b>313</b>	<b>294</b>	<b>2,148</b>	<b>318</b>	<b>307</b>	<b>2,121</b>	<b>310</b>	<b>305</b>	<b>2,114</b>	<b>315</b>	<b>287</b>	<b>2,112</b>	<b>316</b>	<b>302</b>	<b>2,117</b>	<b>314</b>	<b>303</b>	<b>2,161</b>	<b>320</b>	<b>298</b>	<b>2,143</b>	<b>319</b>	<b>306</b>	<b>2,175</b>	<b>316</b>	<b>300</b>	<b>2,139</b>	<b>318</b>	<b>297</b>	<b>2,156</b>			
<b>NEW JERSEY SECTOR</b>																																			
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	63	65	373			
PATH UPTOWN TUNNEL	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	60	58	401			
AMTRAK/NJ TRANSIT TUNNELS	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	66	59	318			
<b>SECTOR TOTAL</b>	<b>196</b>	<b>529</b>	<b>92</b>	<b>104</b>	<b>603</b>	<b>165</b>	<b>159</b>	<b>1,069</b>	<b>185</b>	<b>177</b>	<b>1,070</b>	<b>185</b>	<b>180</b>	<b>1,079</b>	<b>185</b>	<b>183</b>	<b>1,091</b>	<b>188</b>	<b>183</b>	<b>1,116</b>	<b>189</b>	<b>169</b>	<b>1,091</b>	<b>190</b>	<b>167</b>	<b>1,102</b>	<b>187</b>	<b>180</b>	<b>1,098</b>	<b>189</b>	<b>182</b>	<b>1,092</b>			
<b>GRAND TOTAL</b>	<b>2,406</b>	<b>9,077</b>	<b>1,220</b>	<b>1,186</b>	<b>8,940</b>	<b>1,314</b>	<b>1,260</b>	<b>9,391</b>	<b>1,343</b>	<b>1,295</b>	<b>9,352</b>	<b>1,350</b>	<b>1,259</b>	<b>9,432</b>	<b>1,360</b>	<b>1,294</b>	<b>9,451</b>	<b>1,352</b>	<b>1,301</b>	<b>9,669</b>	<b>1,357</b>	<b>1,267</b>	<b>9,679</b>	<b>1,317</b>	<b>1,265</b>	<b>9,706</b>	<b>1,346</b>	<b>1,257</b>	<b>9,639</b>	<b>1,340</b>	<b>1,265</b>	<b>9,675</b>			
<b>SUBTOTAL, NYCT</b>	<b>2,020</b>	<b>8,202</b>	<b>1,018</b>	<b>1,002</b>	<b>8,289</b>	<b>1,051</b>	<b>1,021</b>	<b>8,455</b>	<b>954</b>	<b>933</b>	<b>7,622</b>	<b>963</b>	<b>895</b>	<b>7,668</b>	<b>969</b>	<b>926</b>	<b>7,663</b>	<b>958</b>	<b>932</b>	<b>7,847</b>	<b>962</b>	<b>914</b>	<b>7,855</b>	<b>922</b>	<b>915</b>	<b>7,917</b>	<b>953</b>	<b>893</b>	<b>7,855</b>	<b>944</b>	<b>900</b>	<b>7,873</b>			

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 2001-2007 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 (2002-2012)

SECTOR AND FACILITY	2002		2003			2004			2005			2006			2007			2008			2009			2010			2011			2012		
	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	A.M. PEAK	P.M. PEAK	OFF PEAK
<b>60TH STREET SECTOR</b>																																
IRT LEXINGTON AVE EXPRESS	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	650	580	4,840
IRT LEXINGTON AVE LOCAL	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	500	530	4,610
IND EIGHT AVE EXPRESS	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	376	376	3,800
IND EIGHT AVE LOCAL	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	304	288	2,832
IRT B'WAY/7TH AV EXPRESS	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	590	510	4,550
IRT B'WAY/7TH AV LOCAL	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	420	390	3,820
AMTRAK/METRO-NORTH	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	879	752	2,726
<b>SECTOR TOTAL</b>	<b>7,064</b>	<b>25,111</b>	<b>3,671</b>	<b>3,393</b>	<b>25,330</b>	<b>3,734</b>	<b>3,429</b>	<b>26,628</b>	<b>3,816</b>	<b>3,593</b>	<b>26,502</b>	<b>3,817</b>	<b>3,426</b>	<b>27,074</b>	<b>3,813</b>	<b>3,535</b>	<b>23,872</b>	<b>3,820</b>	<b>3,654</b>	<b>27,384</b>	<b>3,782</b>	<b>3,390</b>	<b>26,998</b>	<b>3,582</b>	<b>3,467</b>	<b>27,287</b>	<b>3,787</b>	<b>3,432</b>	<b>27,082</b>	<b>3,719</b>	<b>3,426</b>	<b>27,178</b>
<b>BROOKLYN SECTOR</b>																																
BMT 14TH STREET TUNNEL	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	368	336	3,104
BMT WILLIAMSBURG BRIDGE	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	336	360	3,208
IND RUTGERS ST. TUNNEL	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	320	340	3,050
BMT MANHATTAN BRIDGE	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	892	838	7,124
IND CRANBERRY ST. TUNNEL	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	464	432	3,328
IRT CLARK ST. TUNNEL	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	480	460	4,630
BMT MONTAGUE ST. TUNNEL	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	192	200	1,732
IRT JORALEMON ST. TUNNEL	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	620	580	4,600
<b>SECTOR TOTAL</b>	<b>7,072</b>	<b>29,086</b>	<b>3,586</b>	<b>3,486</b>	<b>28,988</b>	<b>3,600</b>	<b>3,530</b>	<b>28,800</b>	<b>3,698</b>	<b>3,570</b>	<b>28,730</b>	<b>3,718</b>	<b>3,546</b>	<b>28,738</b>	<b>3,788</b>	<b>3,624</b>	<b>28,923</b>	<b>3,680</b>	<b>3,544</b>	<b>29,914</b>	<b>3,658</b>	<b>3,620</b>	<b>30,355</b>	<b>3,528</b>	<b>3,550</b>	<b>30,586</b>	<b>3,686</b>	<b>3,448</b>	<b>30,662</b>	<b>3,672</b>	<b>3,546</b>	<b>30,776</b>
<b>QUEENS SECTOR</b>																																
BMT 60TH STREET TUNNEL	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	582	564	5,450
IND 53RD STREET TUNNEL	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	574	566	4,584
IRT STEINWAY ST. TUNNEL	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	759	660	5,038
63RD STREET TUNNEL	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	380	370	2,960
AMTRAK/LIRR TUNNEL	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	860	808	3,282
<b>SECTOR TOTAL</b>	<b>5,758</b>	<b>21,791</b>	<b>2,951</b>	<b>2,807</b>	<b>19,999</b>	<b>2,979</b>	<b>2,909</b>	<b>19,741</b>	<b>2,932</b>	<b>2,916</b>	<b>19,757</b>	<b>2,993</b>	<b>2,750</b>	<b>19,814</b>	<b>2,850</b>	<b>2,820</b>	<b>22,811</b>	<b>3,027</b>	<b>2,950</b>	<b>20,652</b>	<b>3,039</b>	<b>2,962</b>	<b>21,212</b>	<b>3,143</b>	<b>3,061</b>	<b>21,471</b>	<b>3,135</b>	<b>2,999</b>	<b>21,154</b>	<b>3,155</b>	<b>2,968</b>	<b>21,314</b>
<b>NEW JERSEY SECTOR</b>																																
PATH DOWNTOWN TUNNEL	-	-	-	-	-	336	350	2,499	420	406	2,730	448	441	2,667	1,358	1,358	-	455	455	2,716	441	455	2,646	462	455	2,639	528	520	3,016	504	520	2,984
PATH UPTOWN TUNNEL	483	1,551	252	231	1,952	399	378	3,017	420	427	2,807	420	420	2,821	1,407	1,414	-	420	413	2,821	420	406	2,814	420	406	2,800	392	406	2,821	420	406	2,807
AMTRAK/NJ TRANSIT TUNNELS	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	546	485	2,535
<b>SECTOR TOTAL</b>	<b>1,478</b>	<b>3,476</b>	<b>714</b>	<b>764</b>	<b>3,989</b>	<b>1,237</b>	<b>1,192</b>	<b>7,663</b>	<b>1,412</b>	<b>1,332</b>	<b>7,695</b>	<b>1,358</b>	<b>1,333</b>	<b>7,739</b>	<b>3,273</b>	<b>3,263</b>	<b>2,275</b>	<b>1,413</b>	<b>1,366</b>	<b>8,090</b>	<b>1,429</b>	<b>1,254</b>	<b>7,939</b>	<b>1,427</b>	<b>1,205</b>	<b>8,013</b>	<b>1,462</b>	<b>1,394</b>	<b>8,374</b>	<b>1,470</b>	<b>1,411</b>	<b>8,326</b>
<b>GRAND TOTAL</b>	<b>21,372</b>	<b>79,464</b>	<b>10,922</b>	<b>10,450</b>	<b>78,306</b>	<b>11,550</b>	<b>11,060</b>	<b>82,832</b>	<b>11,858</b>	<b>11,411</b>	<b>82,684</b>	<b>11,886</b>	<b>11,055</b>	<b>83,365</b>	<b>13,724</b>	<b>13,242</b>	<b>77,681</b>	<b>11,940</b>	<b>11,514</b>	<b>86,040</b>	<b>11,908</b>	<b>11,226</b>	<b>86,504</b>	<b>11,680</b>	<b>11,283</b>	<b>87,357</b>	<b>12,070</b>	<b>11,273</b>	<b>87,272</b>	<b>12,016</b>	<b>11,351</b>	<b>87,594</b>
<b>TOTAL, NYCTA</b>	<b>16,782</b>	<b>68,966</b>	<b>8,554</b>	<b>8,228</b>	<b>69,176</b>	<b>8,650</b>	<b>8,401</b>	<b>70,013</b>	<b>8,765</b>	<b>8,580</b>	<b>69,725</b>	<b>8,860</b>	<b>8,208</b>	<b>69,982</b>	<b>8,938</b>	<b>8,521</b>	<b>70,367</b>	<b>8,805</b>	<b>8,570</b>	<b>72,010</b>	<b>8,759</b>	<b>8,422</b>	<b>72,691</b>	<b>8,567</b>	<b>8,549</b>	<b>73,691</b>	<b>8,899</b>	<b>8,323</b>	<b>73,140</b>	<b>8,807</b>	<b>8,380</b>	<b>73,260</b>

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 (2002-2012)**  
**(in square feet)**

MODE / YEAR	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>60TH STREET SECTOR</b>											
SUBWAY-EXPRESS	4.7	4.8	5.0	5.3	5.3	4.8	4.5	5.3	4.9	5.7	5.1
SUBWAY-LOCAL	6.6	6.2	6.3	5.8	6.2	5.6	5.7	7.0	6.3	6.3	5.9
SUBURBAN RAIL	10.0	10.2	7.4	7.3	7.3	7.2	7.1	7.3	7.1	7.1	7.3
BUS	9.1	8.9	9.6	9.4	9.6	9.8	11.8	11.3	11.0	9.2	9.5
<b>SECTOR AVERAGE</b>	<b>6.6</b>	<b>6.5</b>	<b>6.4</b>	<b>6.3</b>	<b>6.4</b>	<b>5.7</b>	<b>5.6</b>	<b>6.5</b>	<b>5.9</b>	<b>6.3</b>	<b>6.0</b>
<b>BROOKLYN SECTOR</b>											
SUBWAY	6.5	6.9	6.6	7.3	7.1	5.6	5.6	5.4	5.5	5.7	5.6
BUS	7.7	7.6	7.4	8.1	7.6	7.8	8.8	8.5	7.2	7.8	8.0
<b>SECTOR AVERAGE</b>	<b>6.6</b>	<b>7.0</b>	<b>6.6</b>	<b>7.4</b>	<b>7.1</b>	<b>5.7</b>	<b>5.8</b>	<b>5.5</b>	<b>5.6</b>	<b>5.8</b>	<b>5.7</b>
<b>QUEENS SECTOR</b>											
SUBWAY	5.7	5.7	5.3	5.8	5.4	5.0	5.3	6.0	6.2	5.9	5.9
SUBURBAN RAIL	9.6	8.9	5.1	6.7	6.4	6.5	6.5	6.9	6.9	7.0	7.1
BUS	9.9	9.0	8.8	8.9	8.9	8.9	10.3	10.7	10.6	9.7	9.8
<b>SECTOR AVERAGE</b>	<b>7.1</b>	<b>6.8</b>	<b>6.1</b>	<b>6.5</b>	<b>6.2</b>	<b>5.5</b>	<b>5.8</b>	<b>6.4</b>	<b>6.5</b>	<b>6.3</b>	<b>6.3</b>
<b>NEW JERSEY SECTOR</b>											
SUBWAY	1.2	1.7	9.0	10.0	9.2	4.3	4.3	4.9	4.8	4.9	4.9
SUBURBAN RAIL	7.5	8.0	7.6	7.0	5.5	6.5	7.0	6.9	7.5	6.3	6.2
BUS	9.5	9.3	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	9.1
<b>SECTOR AVERAGE</b>	<b>4.8</b>	<b>5.2</b>	<b>8.6</b>	<b>9.1</b>	<b>8.3</b>	<b>6.9</b>	<b>7.0</b>	<b>7.3</b>	<b>7.3</b>	<b>7.0</b>	<b>7.0</b>
<b>STATEN ISLAND FERRY</b>	<b>11.2</b>	<b>12.7</b>	<b>12.7</b>	<b>12.9</b>	<b>13.3</b>	<b>17.7</b>	<b>12.8</b>	<b>12.7</b>	<b>12.8</b>	<b>14.9</b>	<b>13.7</b>
<b>ROOSEVELT ISLAND TRAMWAY</b>	<b>11.5</b>	<b>11.3</b>	<b>6.2</b>	<b>5.5</b>	<b>4.7</b>	<b>4.1</b>	<b>4.2</b>	<b>4.3</b>		<b>4.1</b>	<b>3.0</b>
<b>ALL TRANSIT MODES</b>	<b>6.3</b>	<b>6.4</b>	<b>6.9</b>	<b>7.2</b>	<b>6.8</b>	<b>5.9</b>	<b>6</b>	<b>6.4</b>	<b>6.2</b>	<b>6.3</b>	<b>6.2</b>

\* 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 (2002-2012)**

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>BUS PASSENGERS</b>											
<b>EXPRESS BUS</b>											
NEW YORK CITY	51,667	53,510	57,102	53,181	54,809	50,990	52,911	43,841	46,857	48,281	46,764
WEST OF HUDSON	153,030	152,374	179,408	181,272	183,782	186,838	190,979	190,548	193,768	187,382	191,074
NORTH OF NYC	1,943	1,944	1,556	1,432	1,508	1,404	1,092	1,038	424	305	257
<b>TOTAL EXPRESS BUS</b>	<b>206,640</b>	<b>207,828</b>	<b>238,066</b>	<b>235,885</b>	<b>240,099</b>	<b>239,232</b>	<b>244,982</b>	<b>235,427</b>	<b>241,049</b>	<b>235,968</b>	<b>238,095</b>
<b>LOCAL BUS</b>	<b>53,840</b>	<b>52,897</b>	<b>47,584</b>	<b>44,170</b>	<b>43,909</b>	<b>51,664</b>	<b>39,102</b>	<b>38,339</b>	<b>27,614</b>	<b>27,138</b>	<b>29,809</b>
<b>TOTAL BUS PASSENGERS</b>	<b>260,480</b>	<b>260,725</b>	<b>285,650</b>	<b>280,055</b>	<b>284,008</b>	<b>290,896</b>	<b>284,084</b>	<b>273,766</b>	<b>268,663</b>	<b>263,106</b>	<b>267,904</b>
<b>NUMBER OF BUSES</b>											
<b>EXPRESS BUS</b>											
NEW YORK CITY	1,672	1,617	1,800	1,754	1,763	1,733	2,038	1,671	1,678	1,603	1,598
WEST OF HUDSON	7,318	7,281	7,227	7,318	7,388	7,529	7,627	7,687	7,838	7,664	7,654
NORTH OF NYC	108	109	89	89	89	84	104	92	34	26	12
<b>TOTAL EXPRESS BUS</b>	<b>9,098</b>	<b>9,007</b>	<b>9,116</b>	<b>9,161</b>	<b>9,240</b>	<b>9,346</b>	<b>9,769</b>	<b>9,450</b>	<b>9,550</b>	<b>9,293</b>	<b>9,264</b>
<b>LOCAL BUS</b>	<b>2,876</b>	<b>2,867</b>	<b>2,521</b>	<b>2,414</b>	<b>2,372</b>	<b>2,530</b>	<b>2,290</b>	<b>2,389</b>	<b>1,872</b>	<b>1,799</b>	<b>1,783</b>
<b>TOTAL BUSES</b>	<b>11,974</b>	<b>11,874</b>	<b>11,637</b>	<b>11,575</b>	<b>11,612</b>	<b>11,876</b>	<b>12,059</b>	<b>11,839</b>	<b>11,422</b>	<b>11,092</b>	<b>11,047</b>



**TABLE 10**  
**TOTAL PERSONS ENTERING AND LEAVING THE HUB BY AUTO, TAXI, VAN AND TRUCK**  
**ON A FALL BUSINESS DAY (2002-2012)**

VEHICLE OCCUPANTS / LOCATION	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>60<sup>TH</sup> STREET SECTOR</b>											
<b>EAST OF CENTRAL PARK</b>											
FDR DRIVE	179,996	195,028	184,210	208,986	200,428	200,860	188,080	191,120	195,320	189,231	196,913
YORK AVENUE	52,795	54,045	45,171	41,246	44,385	46,082	43,955	45,159	45,796	45,235	45,436
SECOND AND FIRST AVENUES	113,038	110,861	103,270	113,288	117,836	114,985	110,593	113,193	104,044	110,739	94,929
QNSBORO BR RAMP	59,216	61,270	56,158	43,922	45,768	41,472	39,265	42,088	43,470	45,194	42,625
LEXINGTON AND THIRD AVENUES	79,277	88,612	80,565	83,608	82,515	79,543	75,900	79,201	76,017	75,792	74,994
PARK AVENUE	58,840	63,159	61,350	65,037	67,079	63,508	60,417	59,752	61,661	63,233	58,884
FIFTH AND MADISON AVENUES	85,483	87,504	88,839	83,804	83,649	76,002	74,404	74,272	79,140	77,917	78,596
<b>SUBTOTAL</b>	<b>628,646</b>	<b>660,479</b>	<b>619,561</b>	<b>639,893</b>	<b>641,661</b>	<b>622,452</b>	<b>592,615</b>	<b>604,785</b>	<b>605,448</b>	<b>607,341</b>	<b>592,377</b>
<b>CENTRAL PARK DRIVES</b>	<b>34,755</b>	<b>36,048</b>	<b>57,160</b>	<b>50,851</b>	<b>42,780</b>	<b>14,926</b>	<b>13,622</b>	<b>13,036</b>	<b>13,302</b>	<b>12,988</b>	<b>12,699</b>
<b>WEST OF CENTRAL PARK</b>											
EIGHTH AVE./CENTRAL PARK WEST *	-	-	-	-	-	26,134	25,462	25,310	27,141	27,717	25,715
BROADWAY	62,244	54,393	59,095	44,028	42,123	42,415	41,369	38,068	42,609	43,877	42,753
COLUMBUS AND AMSTERDAM AVE.	82,839	83,994	79,992	68,381	66,209	65,804	65,823	67,047	65,337	71,203	62,423
WEST END AVENUE	34,730	36,110	33,958	38,358	36,469	36,700	35,457	35,592	34,991	36,227	35,970
WEST SIDE HIGHWAY	139,403	153,378	153,633	148,761	148,250	141,300	131,664	133,185	134,233	127,418	126,406
<b>SUBTOTAL</b>	<b>319,216</b>	<b>327,875</b>	<b>326,678</b>	<b>299,529</b>	<b>293,051</b>	<b>312,353</b>	<b>299,775</b>	<b>299,202</b>	<b>304,311</b>	<b>306,442</b>	<b>293,267</b>
<b>SECTOR TOTAL</b>	<b>982,617</b>	<b>1,024,403</b>	<b>1,003,398</b>	<b>990,272</b>	<b>977,492</b>	<b>949,731</b>	<b>906,012</b>	<b>917,023</b>	<b>923,061</b>	<b>926,771</b>	<b>898,343</b>
<b>BROOKLYN SECTOR</b>											
WILLIAMSBURG BRIDGE	214,027	206,465	217,812	135,358	135,449	139,723	134,976	136,911	140,873	131,280	142,822
MANHATTAN BRIDGE	96,355	107,661	115,525	109,626	101,481	99,788	96,103	98,074	101,963	116,178	121,500
BROOKLYN BRIDGE	165,507	183,811	186,110	166,567	160,187	165,751	156,084	157,799	156,005	133,844	126,798
BROOKLYN BATTERY TUNNEL	66,765	66,031	63,877	54,417	64,039	63,068	49,293	57,879	62,142	57,484	61,069
<b>SECTOR TOTAL</b>	<b>542,653</b>	<b>563,968</b>	<b>583,323</b>	<b>465,967</b>	<b>461,156</b>	<b>468,330</b>	<b>436,456</b>	<b>450,663</b>	<b>460,983</b>	<b>438,786</b>	<b>452,189</b>
<b>QUEENS SECTOR</b>											
QUEENS MIDTOWN TUNNEL	122,837	126,728	129,240	123,179	128,849	126,458	120,133	123,794	126,930	125,129	131,390
QUEENSBORO BRIDGE	262,685	275,471	269,252	216,163	225,090	219,237	213,179	217,752	215,219	221,920	215,734
<b>SECTOR TOTAL</b>	<b>385,522</b>	<b>402,199</b>	<b>398,492</b>	<b>339,341</b>	<b>353,939</b>	<b>345,696</b>	<b>333,312</b>	<b>341,546</b>	<b>342,149</b>	<b>347,049</b>	<b>347,124</b>
<b>NEW JERSEY SECTOR</b>											
HOLLAND TUNNEL	110,198	121,170	115,095	114,853	116,648	119,016	110,113	109,834	117,204	105,854	110,387
LINCOLN TUNNEL	174,775	170,409	167,730	157,300	158,284	151,391	136,940	117,907	137,517	124,271	139,893
<b>SECTOR TOTAL</b>	<b>284,974</b>	<b>291,517</b>	<b>282,825</b>	<b>272,153</b>	<b>274,932</b>	<b>270,407</b>	<b>247,053</b>	<b>227,741</b>	<b>254,721</b>	<b>230,125</b>	<b>250,280</b>
<b>STATEN ISLAND FERRY **</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL, ALL FACILITIES</b>	<b>2,195,765</b>	<b>2,282,087</b>	<b>2,268,038</b>	<b>2,067,734</b>	<b>2,067,518</b>	<b>2,034,163</b>	<b>1,922,833</b>	<b>1,936,973</b>	<b>1,980,914</b>	<b>1,942,731</b>	<b>1,947,936</b>

\* 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 (2002-2012)**

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>EAST OF CENTRAL PARK</b>											
FDR DRIVE	154,272	154,272	157,793	160,090	153,542	154,252	144,425	146,660	149,789	145,149	151,111
YORK AVENUE	39,450	40,429	34,091	34,335	34,570	36,268	34,560	35,473	35,883	35,656	35,819
SECOND AND FIRST AVENUES	90,743	88,942	82,610	85,499	89,217	86,933	83,584	85,394	77,900	83,584	72,127
QUEENSBORO BRIDGE RAMP	37,439	38,808	35,510	36,509	37,970	34,439	32,645	34,937	36,093	37,528	35,409
LEXINGTON AND THIRD AVENUES	61,956	69,460	63,260	62,119	61,263	59,311	56,583	59,010	56,808	56,719	56,261
PARK AVENUE	45,366	48,512	47,020	45,071	46,594	44,024	41,905	41,377	42,723	43,697	40,721
FIFTH AND MADISON AVENUES	58,412	59,369	58,460	55,422	55,420	50,399	49,350	49,192	52,390	51,638	52,204
<b>SUBTOTAL</b>	<b>487,638</b>	<b>499,792</b>	<b>478,744</b>	<b>479,045</b>	<b>478,576</b>	<b>465,626</b>	<b>443,052</b>	<b>452,043</b>	<b>451,586</b>	<b>453,971</b>	<b>443,652</b>
<b>CENTRAL PARK DRIVES</b>	<b>18,902</b>	<b>19,645</b>	<b>19,434</b>	<b>13,433</b>	<b>9,445</b>	<b>8,156</b>	<b>7,420</b>	<b>7,301</b>	<b>7,417</b>	<b>7,248</b>	<b>6,946</b>
<b>WEST OF CENTRAL PARK</b>											
CENTRAL PARK WEST	16,590	14,642	14,519	15,081	14,440	14,774	14,371	14,302	15,330	15,660	14,517
BROADWAY	40,535	40,535	35,066	32,814	31,391	31,624	30,800	28,462	31,795	32,706	31,885
COLUMBUS AND AMSTERDAM AVES.	58,770	59,552	56,531	51,725	50,080	49,800	49,822	50,707	49,447	53,847	47,261
WEST END AVENUE	27,431	28,435	26,787	26,668	25,348	25,514	24,644	24,750	24,337	25,203	25,009
WEST SIDE HIGHWAY	110,993	122,107	122,484	129,678	129,311	123,231	114,848	116,285	117,143	111,227	110,341
<b>SUBTOTAL</b>	<b>254,319</b>	<b>265,271</b>	<b>255,387</b>	<b>255,966</b>	<b>250,570</b>	<b>244,943</b>	<b>234,485</b>	<b>234,506</b>	<b>238,052</b>	<b>238,643</b>	<b>229,013</b>
<b>SECTOR TOTAL</b>	<b>760,859</b>	<b>784,708</b>	<b>753,565</b>	<b>748,444</b>	<b>738,591</b>	<b>718,725</b>	<b>684,957</b>	<b>693,850</b>	<b>697,055</b>	<b>699,862</b>	<b>679,611</b>
<b>BROOKLYN SECTOR</b>											
WILLIAMSBURG BRIDGE	103,175	100,062	110,360	106,865	106,869	110,412	106,647	108,077	111,189	103,590	112,696
MANHATTAN BRIDGE	66,087	73,699	79,062	80,303	74,554	73,139	70,276	71,872	74,777	85,392	89,087
BROOKLYN BRIDGE	121,145	134,444	137,563	132,210	126,805	131,551	123,781	125,021	123,640	105,820	100,288
BROOKLYN BATTERY TUNNEL	55,374	54,649	52,839	47,476	55,840	54,989	43,010	50,440	54,097	49,967	53,067
<b>SECTOR TOTAL</b>	<b>345,781</b>	<b>362,854</b>	<b>379,824</b>	<b>366,854</b>	<b>364,068</b>	<b>370,091</b>	<b>343,714</b>	<b>355,410</b>	<b>363,703</b>	<b>344,769</b>	<b>355,138</b>
<b>QUEENS SECTOR</b>											
QUEENS MIDTOWN TUNNEL	82,279	84,865	86,057	85,521	89,435	87,792	83,481	85,704	88,231	86,730	90,992
QUEENSBORO BRIDGE	175,437	184,008	179,515	177,678	185,199	180,326	175,299	179,125	176,903	182,611	177,455
<b>SECTOR TOTAL</b>	<b>257,716</b>	<b>268,873</b>	<b>265,572</b>	<b>263,199</b>	<b>274,634</b>	<b>268,118</b>	<b>258,780</b>	<b>264,829</b>	<b>265,134</b>	<b>269,341</b>	<b>268,447</b>
<b>NEW JERSEY SECTOR</b>											
HOLLAND TUNNEL	91,010	99,608	94,956	95,675	97,146	99,146	91,186	91,508	97,658	88,186	91,957
LINCOLN TUNNEL	117,363	115,187	112,105	113,636	114,363	109,434	99,043	85,462	99,538	90,020	101,235
<b>SECTOR TOTAL</b>	<b>208,374</b>	<b>214,795</b>	<b>207,061</b>	<b>209,311</b>	<b>211,509</b>	<b>208,580</b>	<b>190,228</b>	<b>176,970</b>	<b>197,196</b>	<b>178,206</b>	<b>193,192</b>
<b>STATEN ISLAND FERRY</b>											
	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL, ALL FACILITIES</b>	<b>1,570,108</b>	<b>1,631,230</b>	<b>1,606,022</b>	<b>1,587,808</b>	<b>1,588,802</b>	<b>1,565,514</b>	<b>1,477,679</b>	<b>1,491,059</b>	<b>1,523,088</b>	<b>1,492,178</b>	<b>1,496,388</b>

**TABLE 12**  
**REVERSE TRAVEL FROM THE HUB DURING AM PEAK PERIOD (7AM - 10AM)**  
**ON A FALL BUSINESS DAY (1979-2012), BY MODE AND BY SECTOR**

YEAR / SECTOR / MODE	1979	1980	1981	1982	1983	1984	1985	1986	1987	1989	1990	1991	1992	1993	1994	1995
<b>SECTOR</b>																
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	178,902
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	81,894
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	52,097
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	41,909
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	1,370
ROOSEVELT ISLAND	1,471	1,358	312	312	210	210	341	326	403	566	195	197	121	NA	140	125
<b>TOTAL, ALL SECTORS</b>	<b>256,073</b>	<b>256,380</b>	<b>262,504</b>	<b>276,862</b>	<b>296,292</b>	<b>286,957</b>	<b>311,933</b>	<b>316,557</b>	<b>318,724</b>	<b>332,865</b>	<b>349,075</b>	<b>346,184</b>	<b>368,406</b>	<b>364,376</b>	<b>360,515</b>	<b>356,297</b>
<b>MODE</b>																
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	135,193
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	20,383
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	188,513
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	9,075
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	1,994
TRAMWAY	1,471	1,358	312	312	210	210	341	326	403	566	195	197	121	NA	140	125
BICYCLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	734	1,014
<b>TOTAL, ALL MODES</b>	<b>256,123</b>	<b>256,380</b>	<b>262,504</b>	<b>276,862</b>	<b>296,292</b>	<b>286,957</b>	<b>311,893</b>	<b>316,557</b>	<b>318,724</b>	<b>332,865</b>	<b>349,075</b>	<b>346,184</b>	<b>368,406</b>	<b>363,423</b>	<b>360,516</b>	<b>356,297</b>
<b>YEAR / SECTOR / MODE</b>																
<b>YEAR / SECTOR / MODE</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
<b>SECTOR</b>																
60TH STREET	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	217,782
BROOKLYN	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	99,263
QUEENS	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	68,144
NEW JERSEY	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	63,333
STATEN ISLAND	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	2,010
ROOSEVELT ISLAND	163	117	124	134	101	59	60	139	208	241	196	222	-	272	272	257
<b>TOTAL, ALL SECTORS</b>	<b>363,490</b>	<b>408,604</b>	<b>367,569</b>	<b>399,433</b>	<b>366,692</b>	<b>409,421</b>	<b>394,868</b>	<b>425,413</b>	<b>421,069</b>	<b>429,806</b>	<b>417,576</b>	<b>422,360</b>	<b>433,343</b>	<b>450,230</b>	<b>443,716</b>	<b>450,789</b>
<b>MODE</b>																
AUTOS, TAXIS, VANS AND TRUCKS	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	133,524
BUS	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	33,470
SUBWAY	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	261,945
SUBURBAN AND INTERCITY RAIL	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	16,791
FERRY	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	3,148
TRAMWAY	163	117	124	134	101	59	60	139	208	241	196	222	202	0	272	257
BICYCLE	769	929	900	548	495	865	1,397	964	925	1,039	1,063	1,276	1,850	1,977	2,159	1,654
<b>TOTAL, ALL MODES</b>	<b>363,489</b>	<b>408,604</b>	<b>367,569</b>	<b>399,433</b>	<b>366,694</b>	<b>409,476</b>	<b>394,880</b>	<b>425,413</b>	<b>421,069</b>	<b>429,806</b>	<b>417,576</b>	<b>422,552</b>	<b>433,343</b>	<b>450,230</b>	<b>443,716</b>	<b>450,789</b>

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							
	2005	2006	2007	2008	2009	2010	2011	2012	2006/ 2005	2007/ 2006	2008/ 2007	2009/ 2008	2010/ 2009	2011/ 2010	2012/ 2011	2012/ 2005
<b>CONNECTICUT REGION</b>																
3 COUNTIES <i>census figures</i>	1,925	1,926	1,929	1,929	1,938	1,969	1,976	1,984	0.1%	0.2%	0.0%	0.5%	1.6%	0.3%	0.4%	3.1%
<b>NEW JERSEY</b>																
9 COUNTIES	5,527	5,520	5,529	5,519	5,531	5,617	5,644	5,684	-0.1%	0.2%	-0.2%	0.2%	1.6%	0.5%	0.7%	2.8%
<b>NEW YORK STATE</b>																
MANHATTAN CBD*	583	590	597	617	621	619	626	630	1.2%	1.2%	3.4%	0.6%	-0.3%	1.1%	0.6%	8.1%
NYC REMAINDER	7,631	7,661	7,678	7,747	7,771	7,556	7,644	7,707	0.4%	0.2%	0.9%	0.3%	-2.8%	1.2%	0.8%	1.0%
7 SUBURBAN COUNTIES	4,787	4,779	4,777	4,888	4,908	4,864	4,887	4,899	2.3%	0.0%	2.3%	0.4%	-0.9%	0.5%	0.3%	2.3%
<b>TOTAL</b>	<b>13,001</b>	<b>13,030</b>	<b>13,052</b>	<b>13,252</b>	<b>13,300</b>	<b>13,039</b>	<b>13,157</b>	<b>13,236</b>	<b>0.2%</b>	<b>0.2%</b>	<b>1.5%</b>	<b>0.4%</b>	<b>-2.0%</b>	<b>0.9%</b>	<b>0.6%</b>	<b>1.8%</b>
<b>TOTAL REGION</b>	<b>20,453</b>	<b>20,476</b>	<b>20,510</b>	<b>20,699</b>	<b>20,769</b>	<b>20,625</b>	<b>20,777</b>	<b>20,904</b>	<b>0.1%</b>	<b>0.2%</b>	<b>0.9%</b>	<b>0.3%</b>	<b>-0.7%</b>	<b>0.7%</b>	<b>0.6%</b>	<b>2.2%</b>

\* CBD reflects NYMTC Model estimate. 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						
	2005	2006	2007	2008	2009	2010	2011	2012	2006/ 2005	2007/ 2006	2008/ 2007	2009/ 2008	2010/ 2009	2011/ 2010	2012/ 2011
<b>CONNECTICUT REGION</b>															
3 COUNTIES	839	853	862	847	809	805	812	829	1.6%	1.0%	-1.7%	-4.5%	-0.5%	0.9%	2.1%
<b>NEW JERSEY</b>															
9 COUNTIES	2,562	2,587	2,614	2,559	2,447	2,475	2,420	2,471	1.0%	1.0%	-2.1%	-4.4%	1.1%	-2.2%	2.1%
<b>NEW YORK STATE</b>															
MANHATTAN CBD*	2,217	2,241	2,265	2,288	2,204	2,260	2,235	2,301	1.1%	1.1%	1.0%	-3.7%	2.5%	-1.1%	2.9%
NYC REMAINDER	1,297	1,340	1,414	1,391	1,364	1,448	1,429	1,470	3.3%	5.5%	-1.6%	-1.9%	6.2%	-1.3%	2.9%
7 SUBURBAN COUNTIES	2,018	2,047	2,070	2,035	1,962	2,020	1,978	2,016	1.5%	1.1%	-1.7%	-3.6%	3.0%	-2.1%	1.9%
<b>TOTAL</b>	<b>5,532</b>	<b>5,629</b>	<b>5,749</b>	<b>5,714</b>	<b>5,530</b>	<b>5,728</b>	<b>5,643</b>	<b>5,787</b>	<b>1.8%</b>	<b>2.1%</b>	<b>-0.6%</b>	<b>-3.2%</b>	<b>3.6%</b>	<b>-1.5%</b>	<b>2.6%</b>
<b>REGION TOTAL</b>	<b>8,933</b>	<b>9,069</b>	<b>9,225</b>	<b>9,120</b>	<b>8,785</b>	<b>9,008</b>	<b>8,875</b>	<b>9,087</b>	<b>1.5%</b>	<b>1.7%</b>	<b>-1.1%</b>	<b>-3.7%</b>	<b>2.5%</b>	<b>-1.5%</b>	<b>2.4%</b>

\* CBD reflects NYMTC Model estimate. 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 - 2012**

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**TABLE 14 A**  
**WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2012**  
**8-9 AM**

LOCATION / TRAVEL MODE	AUTOS, TAXIS,	SUBWAY	SUBWAY	BUS	BUS	SUBURBAN	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS	TOTAL PERSONS	
	VANS & TRUCKS	EXPRESS	LOCAL	EXPRESS	LOCAL	RAIL	8-9 AM	8-9 AM	8-9 AM	(PUBLIC TRANSPORTATION & BICYCLE)	(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	
<b>60TH STREET SECTOR</b>												
Franklin D. Roosevelt Drive	6,929	-	-	-	-	-	-	-	-	-	-	6,929
York Avenue	935	-	-	-	280	-	-	-	-	280	-	1,215
First Avenue	-	-	-	-	-	-	-	-	1	1	-	1
Second Avenue	2,329	-	-	1,222	269	-	-	-	134	1,625	-	3,954
Third Avenue	-	-	-	-	-	-	-	-	-	-	-	-
Lexington Avenue- IRT	1,816	25,795	24,331	143	477	-	-	-	18	50,764	-	52,580
Park Ave	2,088	-	-	-	-	33,240	-	-	18	33,258	-	35,346
Madison Avenue	-	-	-	-	-	-	-	-	-	-	-	-
Fifth Avenue	2,391	-	-	896	1,213	-	-	-	65	2,174	-	4,565
Sixth Avenue	-	-	-	-	-	-	-	-	1	1	-	1
Seventh Avenue	1,668	-	-	-	-	-	-	-	40	40	-	1,708
Broadway	1,408	22,917	16,169	39	452	-	-	-	59	39,636	-	41,044
Eight Ave	-	22,049	8,932	-	-	-	-	-	1	30,982	-	30,982
Columbus Avenue	1,559	-	-	-	104	-	-	-	38	142	-	1,701
Amsterdam Avenue	-	-	-	-	-	-	-	-	3	3	-	3
West End Avenue	1,443	-	-	-	166	-	-	-	13	179	-	1,622
West Side Highway	4,767	-	-	-	-	198	-	-	7	205	-	4,972
Hudson River Greenway	-	-	-	-	-	-	-	-	346	346	-	346
Queensboro Bridge Ramp	-	-	-	-	-	-	-	-	-	-	-	-
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-	-
<b>SECTOR TOTAL</b>	<b>27,333</b>	<b>70,761</b>	<b>49,432</b>	<b>2,300</b>	<b>2,961</b>	<b>33,438</b>	<b>-</b>	<b>-</b>	<b>744</b>	<b>159,636</b>	<b>-</b>	<b>186,969</b>
<b>BROOKLYN SECTOR</b>												
Fourteenth St. Tunnel-BMT	-	-	18,988	-	-	-	-	-	-	18,988	-	18,988
Williamsburg Bridge-BMT	3,775	-	11,825	-	-	-	-	-	490	12,315	-	16,090
Rutgers Tunnel-IND	-	-	13,156	-	-	-	-	-	-	13,156	-	13,156
Manhattan Bridge-BMT	3,339	21,904	18,923	-	-	-	-	-	490	41,317	-	44,656
Brooklyn Bridge	4,263	-	-	-	-	-	-	-	301	301	-	4,564
Cranberry Tunnel-IND	-	-	24,417	-	-	-	-	-	-	24,417	-	24,417
Clark Tunnel-IRT	-	-	14,759	-	-	-	-	-	-	14,759	-	14,759
Montague Tunnel-BMT	-	-	6,858	-	-	-	-	-	-	6,858	-	6,858
Joralemon Tunnel-IRT	-	-	19,397	-	-	-	-	-	-	19,397	-	19,397
Brooklyn Battery Tunnel	3,193	-	-	7,280	-	-	-	-	-	7,280	-	10,473
All Ferry Points	-	-	-	-	-	-	211	-	-	211	-	211
<b>SECTOR TOTAL</b>	<b>14,570</b>	<b>21,904</b>	<b>128,323</b>	<b>7,280</b>	<b>-</b>	<b>-</b>	<b>211</b>	<b>-</b>	<b>1,281</b>	<b>158,999</b>	<b>-</b>	<b>173,569</b>
<b>QUEENS SECTOR</b>												
Sixty-Third St. Tunnel	-	-	16,264	-	-	-	-	-	-	16,264	-	16,264
Sixtieth St. Tunnel-BMT/IND	-	-	25,695	-	-	-	-	-	-	25,695	-	25,695
Queensboro Bridge-Tramway	6,678	-	-	-	239	-	-	789	260	1,288	-	7,966
Fifty-Third St. Tunnel-IND	-	-	27,493	-	-	-	-	-	-	27,493	-	27,493
Steinway Tunnel-IRT	-	-	19,576	-	-	-	-	-	-	19,576	-	19,576
Queens Midtown Tunnel-IRT	4,698	-	-	4,196	-	-	-	-	-	4,196	-	8,894
Amtrak/LIRR Tunnels	-	-	-	-	-	33,094	-	-	-	33,094	-	33,094
All Ferry Points	-	-	-	-	-	-	25	-	-	25	-	25
<b>SECTOR TOTAL</b>	<b>11,376</b>	<b>-</b>	<b>89,028</b>	<b>4,196</b>	<b>239</b>	<b>33,094</b>	<b>25</b>	<b>789</b>	<b>260</b>	<b>127,631</b>	<b>-</b>	<b>139,007</b>
<b>NEW JERSEY SECTOR</b>												
Lincoln Tunnel	3,711	-	-	32,653	-	-	-	-	-	32,653	-	36,364
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	21,115	-	-	-	21,115	-	21,115
Uptown Path Tunnel	-	-	11,811	-	-	-	-	-	-	11,811	-	11,811
Holland Tunnel	3,233	-	-	2,399	-	-	-	-	-	5,632	-	5,632
Downtown Path Tunnel	-	-	15,232	-	-	-	-	-	-	15,232	-	15,232
All Ferry Points	-	-	-	-	-	-	4,582	-	-	4,582	-	4,582
<b>SECTOR TOTAL</b>	<b>6,944</b>	<b>-</b>	<b>27,043</b>	<b>35,052</b>	<b>-</b>	<b>21,115</b>	<b>4,582</b>	<b>-</b>	<b>-</b>	<b>87,792</b>	<b>-</b>	<b>94,736</b>
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	5,842	-	9	5,851	-	5,851
<b>TOTAL, ALL SECTORS</b>	<b>60,223</b>	<b>92,665</b>	<b>293,826</b>	<b>48,828</b>	<b>3,200</b>	<b>87,647</b>	<b>10,660</b>	<b>789</b>	<b>2,294</b>	<b>539,909</b>	<b>-</b>	<b>600,132</b>



TABLE 14 B  
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2012  
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
<b>60TH STREET SECTOR</b>											
Franklin D. Roosevelt Drive	20,276	-	-	-	-	-	-	-	-	-	20,276
York Avenue	2,656	-	-	-	750	-	-	-	-	750	3,406
First Avenue	-	-	-	-	-	-	-	-	14	14	14
Second Avenue	6,998	-	-	2,913	682	-	-	-	319	3,914	10,912
Third Avenue	-	-	-	-	-	-	-	-	1	1	1
Lexington Avenue- IRT	5,129	62,625	50,679	433	1,270	-	-	-	61	115,068	120,197
Park Ave	5,333	-	-	-	-	66,174	-	-	54	66,228	71,561
Madison Avenue	-	-	-	-	-	-	-	-	1	1	1
Fifth Avenue	7,050	-	-	3,084	3,842	-	-	-	161	7,087	14,137
Sixth Avenue	-	-	-	-	-	-	-	-	3	3	3
Seventh Avenue	3,431	-	-	-	-	-	-	-	125	125	3,556
Broadway	4,060	51,816	35,025	122	1,218	-	-	-	134	88,315	92,375
Eight Ave	-	52,134	19,137	-	-	-	-	-	3	71,274	71,274
Columbus Avenue	4,156	-	-	-	372	-	-	-	106	478	4,634
Amsterdam Avenue	-	-	-	-	-	-	-	-	10	10	10
West End Avenue	3,885	-	-	-	359	-	-	-	43	402	4,287
West Side Highway	14,090	-	-	-	-	500	-	-	13	513	14,603
Hudson River Greenway	-	-	-	-	-	-	-	-	885	885	885
Queensboro Bridge Ramp	-	-	-	-	-	-	-	-	-	-	-
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
<b>SECTOR TOTAL</b>	<b>77,064</b>	<b>166,575</b>	<b>104,841</b>	<b>6,552</b>	<b>8,493</b>	<b>66,674</b>	<b>-</b>	<b>-</b>	<b>1,933</b>	<b>355,068</b>	<b>432,132</b>
<b>BROOKLYN SECTOR</b>											
Fourteenth St. Tunnel-BMT	-	-	43,263	-	-	-	-	-	-	43,263	43,263
Williamsburg Bridge-BMT	11,476	-	29,365	-	-	-	-	-	1,340	30,705	42,181
Rutgers Tunnel-IND	-	-	29,050	-	-	-	-	-	-	29,050	29,050
Manhattan Bridge-BMT	9,594	46,912	44,469	-	-	-	-	-	1,158	92,539	102,133
Brooklyn Bridge	12,147	-	-	-	-	-	-	-	660	660	12,807
Cranberry Tunnel-IND	-	-	55,789	-	-	-	-	-	-	55,789	55,789
Clark Tunnel-IRT	-	-	33,004	-	-	-	-	-	-	33,004	33,004
Montague Tunnel-BMT	-	-	14,150	-	-	-	-	-	-	14,150	14,150
Joralemon Tunnel-IRT	-	-	43,055	-	-	-	-	-	-	43,055	43,055
Brooklyn Battery Tunnel	8,922	-	-	15,687	-	-	-	-	-	15,687	24,609
All Ferry Points	-	-	-	-	-	-	451	-	-	451	451
<b>SECTOR TOTAL</b>	<b>42,139</b>	<b>46,912</b>	<b>292,145</b>	<b>15,687</b>	<b>-</b>	<b>-</b>	<b>451</b>	<b>-</b>	<b>3,158</b>	<b>358,353</b>	<b>400,492</b>
<b>QUEENS SECTOR</b>											
Sixty-Third St. Tunnel	-	-	37,161	-	-	-	-	-	-	37,161	37,161
Sixtieth St. Tunnel-BMT/IND	-	-	58,730	-	-	-	-	-	-	58,730	58,730
Queensboro Bridge-Tramway	20,051	-	-	-	530	-	-	1,457	710	2,697	22,748
Fifty-Third St. Tunnel-IND	-	-	63,822	-	-	-	-	-	-	63,822	63,822
Steinway Tunnel-IRT	-	-	44,912	-	-	-	-	-	-	44,912	44,912
Queens Midtown Tunnel-HRT	13,441	-	-	8,803	-	-	-	-	-	8,803	22,244
Amtrak/LIRR Tunnels	-	-	-	-	-	70,334	-	-	-	70,334	70,334
All Ferry Points	-	-	-	-	-	-	42	-	-	42	42
<b>SECTOR TOTAL</b>	<b>33,492</b>	<b>-</b>	<b>204,625</b>	<b>8,803</b>	<b>530</b>	<b>70,334</b>	<b>42</b>	<b>1,457</b>	<b>710</b>	<b>286,501</b>	<b>319,993</b>
<b>NEW JERSEY SECTOR</b>											
Lincoln Tunnel	13,139	-	-	83,813	-	-	-	-	-	83,813	96,952
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	45,210	-	-	-	45,210	45,210
Uptown Path Tunnel	-	-	29,638	-	-	-	-	-	-	29,638	29,638
Holland Tunnel	9,793	-	-	5,786	-	-	-	-	-	5,786	15,579
Downtown Path Tunnel	-	-	32,603	-	-	-	-	-	-	32,603	32,603
All Ferry Points	-	-	-	-	-	-	9,735	-	-	9,735	9,735
<b>SECTOR TOTAL</b>	<b>22,932</b>	<b>-</b>	<b>62,241</b>	<b>89,599</b>	<b>-</b>	<b>45,210</b>	<b>9,735</b>	<b>-</b>	<b>-</b>	<b>206,785</b>	<b>229,717</b>
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	15,010	-	11	15,021	15,021
<b>TOTAL, ALL SECTORS</b>	<b>175,627</b>	<b>213,487</b>	<b>663,852</b>	<b>120,641</b>	<b>9,023</b>	<b>182,218</b>	<b>25,238</b>	<b>1,457</b>	<b>5,812</b>	<b>1,221,728</b>	<b>1,397,355</b>

**TABLE 14 C**  
**WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2012**  
**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
<b>60TH STREET SECTOR</b>											
Franklin D. Roosevelt Drive	113,704	-	-	-	-	-	-	-	-	-	113,704
York Avenue	22,885	-	-	-	2,559	-	-	-	-	2,559	25,444
First Avenue	-	-	-	-	-	-	-	-	81	81	81
Second Avenue	51,173	-	-	7,535	3,421	-	-	-	1,632	12,588	63,761
Third Avenue	-	-	-	-	-	-	-	-	45	45	45
Lexington Avenue- IRT	31,832	176,016	172,593	852	4,682	-	-	-	895	355,038	386,870
Park Ave	28,033	-	-	-	-	104,908	-	-	730	105,638	133,671
Madison Avenue	-	-	-	-	-	-	-	-	41	41	41
Fifth Avenue	40,788	-	-	5,820	10,141	-	-	-	2,196	18,157	58,945
Sixth Avenue	-	-	-	-	-	-	-	-	67	67	67
Seventh Avenue	3,555	-	-	-	-	-	-	-	1,171	1,171	4,726
Broadway	25,735	146,276	111,026	309	4,640	-	-	-	1,007	263,258	288,993
Eight Ave	-	136,008	65,415	-	-	-	-	-	145	201,568	201,568
Columbus Avenue	29,452	-	-	-	1,536	-	-	-	1,558	3,094	32,546
Amsterdam Avenue	-	-	-	-	-	-	-	-	128	128	128
West End Avenue	22,573	-	-	-	979	-	-	-	337	1,316	23,889
West Side Highway	65,648	-	-	-	-	1,910	-	-	42	1,952	67,600
Hudson River Greenway	-	-	-	-	-	-	-	-	2,841	2,841	2,841
Queensboro Bridge Ramp	-	-	-	-	-	-	-	-	-	-	-
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
<b>SECTOR TOTAL</b>	<b>435,378</b>	<b>458,300</b>	<b>349,034</b>	<b>14,516</b>	<b>27,958</b>	<b>106,818</b>	<b>-</b>	<b>-</b>	<b>12,916</b>	<b>969,542</b>	<b>1,404,920</b>
<b>BROOKLYN SECTOR</b>											
Fourteenth St. Tunnel-BMT	-	-	101,752	-	-	-	-	-	-	101,752	101,752
Williamsburg Bridge-BMT	71,102	-	67,375	-	-	-	-	-	3,310	70,685	141,787
Rutgers Tunnel-IND	-	-	69,855	-	-	-	-	-	-	69,855	69,855
Manhattan Bridge-BMT	54,339	91,346	96,902	-	-	-	-	-	2,601	190,849	245,188
Brooklyn Bridge	57,807	-	-	-	-	-	-	-	1,298	59,105	59,105
Cranberry Tunnel-IND	-	-	128,539	-	-	-	-	-	-	128,539	128,539
Clark Tunnel-IRT	-	-	75,395	-	-	-	-	-	-	75,395	75,395
Montague Tunnel-BMT	-	-	32,629	-	-	-	-	-	-	32,629	32,629
Joralemon Tunnel-IRT	-	-	103,425	-	-	-	-	-	-	103,425	103,425
Brooklyn Battery Tunnel	30,011	-	-	21,813	-	-	-	-	-	21,813	51,824
All Ferry Points	-	-	-	-	-	-	1,112	-	-	1,112	1,112
<b>SECTOR TOTAL</b>	<b>213,259</b>	<b>91,346</b>	<b>675,872</b>	<b>21,813</b>	<b>-</b>	<b>-</b>	<b>1,112</b>	<b>-</b>	<b>7,209</b>	<b>797,352</b>	<b>1,010,611</b>
<b>QUEENS SECTOR</b>											
Sixty-Third St. Tunnel	-	-	85,650	-	-	-	-	-	-	85,650	85,650
Sixtieth St. Tunnel-BMT/IND	-	-	137,142	-	-	-	-	-	-	137,142	137,142
Queensboro Bridge-Tramway	106,886	-	-	-	1,851	-	-	3,421	1,748	7,020	113,906
Fifty-Third St. Tunnel-IND	-	-	150,014	-	-	-	-	-	-	150,014	150,014
Steinway Tunnel-IRT	-	-	99,027	-	-	-	-	-	-	99,027	99,027
Queens Midtown Tunnel-IRT	68,324	-	-	10,692	-	-	-	-	-	10,692	79,016
Amtrak/LIRR Tunnels	-	-	-	-	-	114,687	-	-	-	114,687	114,687
All Ferry Points	-	-	-	-	-	-	63	-	-	63	63
<b>SECTOR TOTAL</b>	<b>175,210</b>	<b>-</b>	<b>471,833</b>	<b>10,692</b>	<b>1,851</b>	<b>114,687</b>	<b>63</b>	<b>3,421</b>	<b>1,748</b>	<b>604,295</b>	<b>779,505</b>
<b>NEW JERSEY SECTOR</b>											
Lincoln Tunnel	62,302	-	-	171,631	-	-	-	-	-	171,631	233,933
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	81,860	-	-	-	81,860	81,860
Uptown Path Tunnel	-	-	61,662	-	-	-	-	-	-	61,662	61,662
Holland Tunnel	54,008	-	-	19,443	-	-	-	-	-	19,443	73,451
Downtown Path Tunnel	-	-	57,672	-	-	-	-	-	-	57,672	57,672
All Ferry Points	-	-	-	-	-	-	15,367	-	-	15,367	15,367
<b>SECTOR TOTAL</b>	<b>116,310</b>	<b>-</b>	<b>119,334</b>	<b>191,074</b>	<b>-</b>	<b>81,860</b>	<b>15,367</b>	<b>-</b>	<b>-</b>	<b>407,635</b>	<b>523,945</b>
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	35,342	-	188	35,530	35,530
<b>TOTAL, ALL SECTORS</b>	<b>940,157</b>	<b>549,646</b>	<b>1,616,073</b>	<b>238,095</b>	<b>29,809</b>	<b>303,365</b>	<b>51,884</b>	<b>3,421</b>	<b>22,061</b>	<b>2,814,354</b>	<b>3,754,511</b>

TABLE 15 A  
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2012  
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
<b>60TH STREET SECTOR</b>											
Franklin D. Roosevelt Drive	5,217	-	-	-	-	-	-	-	-	-	5,217
York Avenue	1,358	-	-	-	245	-	-	-	-	245	1,603
First Avenue	2,566	-	-	685	238	-	-	-	94	1,017	3,583
Second Avenue	-	-	-	-	-	-	-	-	2	2	2
Third Avenue	2,145	-	-	47	652	-	-	-	68	767	2,912
Lexington Avenue- IRT	-	24,757	16,566	-	-	-	-	-	3	41,326	41,326
Park Ave	2,150	-	-	-	-	24,578	-	-	26	24,604	26,754
Madison Avenue	1,963	-	-	1,301	1,341	-	-	-	87	2,729	4,692
Fifth Avenue	-	-	-	-	-	-	-	-	-	-	-
Sixth Avenue	1,248	-	-	-	-	-	-	-	266	266	1,514
Seventh Avenue	-	-	-	-	-	-	-	-	5	5	5
Broadway	923	15,035	12,845	36	511	-	-	-	6	28,433	29,356
Eight Ave	1,568	15,749	7,222	-	105	-	-	-	121	23,197	24,765
Columbus Avenue	-	-	-	-	-	-	-	-	9	9	9
Amsterdam Avenue	1,969	-	-	-	294	-	-	-	59	353	2,322
West End Avenue	985	-	-	-	126	-	-	-	26	152	1,137
West Side Highway	3,862	-	-	-	-	154	-	-	9	163	4,025
Hudson River Greenway	-	-	-	-	-	-	-	-	294	294	294
Queensboro Bridge Ramp	2,124	-	-	-	-	-	-	-	-	-	2,124
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
<b>SECTOR TOTAL</b>	<b>28,078</b>	<b>55,541</b>	<b>36,633</b>	<b>2,069</b>	<b>3,512</b>	<b>24,732</b>	<b>-</b>	<b>-</b>	<b>1,075</b>	<b>123,562</b>	<b>151,640</b>
<b>BROOKLYN SECTOR</b>											
Fourteenth St. Tunnel-BMT	-	-	15,012	-	-	-	-	-	-	15,012	15,012
Williamsburg Bridge-BMT	4,283	-	7,846	-	-	-	-	-	311	8,157	12,440
Rutgers Tunnel-IND	-	-	9,723	-	-	-	-	-	-	9,723	9,723
Manhattan Bridge-BMT	4,060	14,736	14,057	-	-	-	-	-	324	29,117	33,177
Brooklyn Bridge	4,276	-	-	-	-	-	-	-	157	157	4,433
Cranberry Tunnel-IND	-	-	16,067	-	-	-	-	-	-	16,067	16,067
Clark Tunnel-IRT	-	-	10,397	-	-	-	-	-	-	10,397	10,397
Montague Tunnel-BMT	-	-	5,970	-	-	-	-	-	-	5,970	5,970
Joralemon Tunnel-IRT	-	-	13,024	-	-	-	-	-	-	13,024	13,024
Brooklyn Battery Tunnel	2,836	-	-	4,660	-	-	-	-	-	4,660	7,496
All Ferry Points	-	-	-	-	-	-	166	-	-	166	166
<b>SECTOR TOTAL</b>	<b>15,455</b>	<b>14,736</b>	<b>92,096</b>	<b>4,660</b>	<b>-</b>	<b>-</b>	<b>166</b>	<b>-</b>	<b>792</b>	<b>112,450</b>	<b>127,905</b>
<b>QUEENS SECTOR</b>											
Sixty-Third St. Tunnel	-	-	13,654	-	-	-	-	-	-	13,654	13,654
Sixtieth St. Tunnel-BMT/IND	-	-	19,873	-	-	-	-	-	-	19,873	19,873
Queensboro Bridge-Tramway	6,527	-	-	2,196	367	-	-	378	208	3,149	9,676
Fifty-Third St. Tunnel-IND	-	-	21,531	-	-	-	-	-	-	21,531	21,531
Steinway Tunnel-IRT	-	-	15,163	-	-	-	-	-	-	15,163	15,163
Queens Midtown Tunnel-IRT	4,672	-	-	530	-	-	-	-	-	530	5,202
Amtrak/LIRR Tunnels	-	-	-	-	-	27,823	-	-	-	27,823	27,823
All Ferry Points	-	-	-	-	-	-	118	-	-	118	118
<b>SECTOR TOTAL</b>	<b>11,199</b>	<b>-</b>	<b>70,221</b>	<b>2,726</b>	<b>367</b>	<b>27,823</b>	<b>118</b>	<b>378</b>	<b>208</b>	<b>101,841</b>	<b>113,040</b>
<b>NEW JERSEY SECTOR</b>											
Lincoln Tunnel	6,946	-	-	27,197	-	-	-	-	-	27,197	34,143
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	17,759	-	-	-	17,759	17,759
Uptown Path Tunnel	-	-	10,324	-	-	-	-	-	-	10,324	10,324
Holland Tunnel	2,577	-	-	1,807	-	-	-	-	-	1,807	4,384
Downtown Path Tunnel	-	-	11,399	-	-	-	-	-	-	11,399	11,399
All Ferry Points	-	-	-	-	-	-	3,500	-	-	3,500	3,500
<b>SECTOR TOTAL</b>	<b>9,523</b>	<b>-</b>	<b>21,723</b>	<b>29,004</b>	<b>-</b>	<b>17,759</b>	<b>3,500</b>	<b>-</b>	<b>-</b>	<b>71,986</b>	<b>81,509</b>
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	4,713	-	1	4,714	4,714
<b>TOTAL, ALL SECTORS</b>	<b>64,255</b>	<b>70,277</b>	<b>220,673</b>	<b>38,459</b>	<b>3,879</b>	<b>70,314</b>	<b>8,497</b>	<b>378</b>	<b>2,076</b>	<b>414,553</b>	<b>478,808</b>

**TABLE 15 B**  
**WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2012**  
**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
<b>60TH STREET SECTOR</b>											
Franklin D. Roosevelt Drive	15,102	-	-	-	-	-	-	-	-	-	15,102
York Avenue	4,007	-	-	-	704	-	-	-	-	704	4,711
First Avenue	7,417	-	-	2,360	748	-	-	-	258	3,366	10,783
Second Avenue	-	-	-	-	-	-	-	-	10	10	10
Third Avenue	6,317	-	-	121	1,750	-	-	-	209	2,080	8,397
Lexington Avenue- IRT	-	57,835	43,455	-	-	-	-	-	15	101,305	101,305
Park Ave	5,899	-	-	-	-	53,907	-	-	116	54,023	59,922
Madison Avenue	6,191	-	-	3,018	3,254	-	-	-	277	6,549	12,740
Fifth Avenue	-	-	-	-	-	-	-	-	3	3	3
Sixth Avenue	3,528	-	-	-	-	-	-	-	805	805	4,333
Seventh Avenue	-	-	-	-	-	-	-	-	8	8	8
Broadway	2,803	40,213	32,822	74	1,482	-	-	-	25	74,616	77,419
Eight Ave	4,582	40,831	18,486	-	371	-	-	-	387	60,075	64,657
Columbus Avenue	-	-	-	-	-	-	-	-	37	37	37
Amsterdam Avenue	6,119	-	-	-	592	-	-	-	176	768	6,887
West End Avenue	2,747	-	-	-	353	-	-	-	51	404	3,151
West Side Highway	11,921	-	-	-	-	390	-	-	21	411	12,332
Hudson River Greenway	-	-	-	-	-	-	-	-	837	837	837
Queensboro Bridge Ramp	6,228	-	-	-	-	-	-	-	-	-	6,228
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
<b>SECTOR TOTAL</b>	<b>82,861</b>	<b>138,879</b>	<b>94,763</b>	<b>5,573</b>	<b>9,254</b>	<b>54,297</b>	<b>-</b>	<b>-</b>	<b>3,235</b>	<b>306,001</b>	<b>388,862</b>
<b>BROOKLYN SECTOR</b>											
Fourteenth St. Tunnel-BMT	-	-	41,903	-	-	-	-	-	-	41,903	41,903
Williamsburg Bridge-BMT	12,672	-	20,249	-	-	-	-	-	1,014	21,263	33,935
Rutgers Tunnel-IND	-	-	25,319	-	-	-	-	-	-	25,319	25,319
Manhattan Bridge-BMT	12,214	36,617	38,152	-	-	-	-	-	936	75,705	87,919
Brooklyn Bridge	12,857	-	-	-	-	-	-	-	480	480	13,337
Cranberry Tunnel-IND	-	-	40,898	-	-	-	-	-	-	40,898	40,898
Clark Tunnel-IRT	-	-	26,451	-	-	-	-	-	-	26,451	26,451
Montague Tunnel-BMT	-	-	14,075	-	-	-	-	-	-	14,075	14,075
Joralemon Tunnel-IRT	-	-	31,834	-	-	-	-	-	-	31,834	31,834
Brooklyn Battery Tunnel	8,056	-	-	11,756	-	-	-	-	-	11,756	19,812
All Ferry Points	-	-	-	-	-	-	470	-	-	470	470
<b>SECTOR TOTAL</b>	<b>45,799</b>	<b>36,617</b>	<b>238,881</b>	<b>11,756</b>	<b>-</b>	<b>-</b>	<b>470</b>	<b>-</b>	<b>2,430</b>	<b>290,154</b>	<b>335,953</b>
<b>QUEENS SECTOR</b>											
Sixty-Third St. Tunnel	-	-	33,746	-	-	-	-	-	-	33,746	33,746
Sixtieth St. Tunnel-BMT/IND	-	-	51,040	-	-	-	-	-	-	51,040	51,040
Queensboro Bridge-Tramway	18,867	-	-	4,641	996	-	-	1,119	626	7,382	26,249
Fifty-Third St. Tunnel-IND	-	-	54,161	-	-	-	-	-	-	54,161	54,161
Steinway Tunnel-IRT	-	-	38,334	-	-	-	-	-	-	38,334	38,334
Queens Midtown Tunnel-IRT	14,041	-	-	990	-	-	-	-	-	990	15,031
Amtrak/LIRR Tunnels	-	-	-	-	-	60,330	-	-	-	60,330	60,330
All Ferry Points	-	-	-	-	-	-	314	-	-	314	314
<b>SECTOR TOTAL</b>	<b>32,908</b>	<b>-</b>	<b>177,281</b>	<b>5,631</b>	<b>996</b>	<b>60,330</b>	<b>314</b>	<b>1,119</b>	<b>626</b>	<b>246,297</b>	<b>279,205</b>
<b>NEW JERSEY SECTOR</b>											
Lincoln Tunnel	18,216	-	-	59,798	-	-	-	-	-	59,798	78,014
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	41,497	-	-	-	41,497	41,497
Uptown Path Tunnel	-	-	24,869	-	-	-	-	-	-	24,869	24,869
Holland Tunnel	8,628	-	-	5,217	-	-	-	-	-	5,217	13,845
Downtown Path Tunnel	-	-	24,936	-	-	-	-	-	-	24,936	24,936
All Ferry Points	-	-	-	-	-	-	8,571	-	-	8,571	8,571
<b>SECTOR TOTAL</b>	<b>26,844</b>	<b>-</b>	<b>49,805</b>	<b>65,015</b>	<b>-</b>	<b>41,497</b>	<b>8,571</b>	<b>-</b>	<b>-</b>	<b>164,888</b>	<b>191,732</b>
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	13,332	-	3	13,335	13,335
<b>TOTAL, ALL SECTORS</b>	<b>188,412</b>	<b>175,496</b>	<b>560,730</b>	<b>87,975</b>	<b>10,250</b>	<b>156,124</b>	<b>22,687</b>	<b>1,119</b>	<b>6,294</b>	<b>1,020,675</b>	<b>1,209,087</b>

TABLE 15 C  
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2012  
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
<b>60TH STREET SECTOR</b>											
Franklin D. Roosevelt Drive	83,209	-	-	-	-	-	-	-	-	-	83,209
York Avenue	22,551	-	-	-	2,055	-	-	-	-	2,055	24,606
First Avenue	43,756	-	-	8,522	2,957	-	-	-	1,348	12,827	56,583
Second Avenue	-	-	-	-	-	-	-	-	62	62	62
Third Avenue	43,162	-	-	305	6,101	-	-	-	1,235	7,641	50,803
Lexington Avenue- IRT	-	174,847	168,327	-	-	-	-	-	45	343,219	343,219
Park Ave	30,851	-	-	-	-	103,474	-	-	553	104,027	134,878
Madison Avenue	37,808	-	-	5,590	8,695	-	-	-	1,151	15,436	53,244
Fifth Avenue	-	-	-	-	-	-	-	-	28	28	28
Sixth Avenue	9,144	-	-	-	-	-	-	-	2,752	2,752	11,896
Seventh Avenue	-	-	-	-	-	-	-	-	39	39	39
Broadway	17,018	134,799	113,873	222	4,544	-	-	-	132	253,570	270,588
Eight Ave	25,715	132,121	58,362	-	1,154	-	-	-	1,720	193,357	219,072
Columbus Avenue	-	-	-	-	-	-	-	-	189	189	189
Amsterdam Avenue	32,971	-	-	-	1,984	-	-	-	827	2,811	35,782
West End Avenue	13,397	-	-	-	1,088	-	-	-	223	1,311	14,708
West Side Highway	60,758	-	-	-	-	1,911	-	-	58	1,969	62,727
Hudson River Greenway	-	-	-	-	-	-	-	-	2,656	2,656	2,656
Queensboro Bridge Ramp	42,625	-	-	-	-	-	-	-	-	-	42,625
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
<b>SECTOR TOTAL</b>	<b>462,965</b>	<b>441,767</b>	<b>340,562</b>	<b>14,639</b>	<b>28,578</b>	<b>105,385</b>	<b>-</b>	<b>-</b>	<b>13,018</b>	<b>943,949</b>	<b>1,406,914</b>
<b>BROOKLYN SECTOR</b>											
Fourteenth St. Tunnel-BMT	-	-	116,241	-	-	-	-	-	-	116,241	116,241
Williamsburg Bridge-BMT	71,720	-	57,605	-	-	-	-	-	3,021	60,626	132,346
Rutgers Tunnel-IND	-	-	69,604	-	-	-	-	-	-	69,604	69,604
Manhattan Bridge-BMT	67,161	95,933	98,675	-	-	-	-	-	2,424	197,032	264,193
Brooklyn Bridge	68,991	-	-	-	-	-	-	-	1,282	1,282	70,273
Cranberry Tunnel-IND	-	-	114,720	-	-	-	-	-	-	114,720	114,720
Clark Tunnel-IRT	-	-	71,190	-	-	-	-	-	-	71,190	71,190
Montague Tunnel-BMT	-	-	32,811	-	-	-	-	-	-	32,811	32,811
Joralemon Tunnel-IRT	-	-	87,434	-	-	-	-	-	-	87,434	87,434
Brooklyn Battery Tunnel	31,058	-	-	19,850	-	-	-	-	-	19,850	50,908
All Ferry Points	-	-	-	-	-	-	792	-	-	792	792
<b>SECTOR TOTAL</b>	<b>238,930</b>	<b>95,933</b>	<b>648,280</b>	<b>19,850</b>	<b>-</b>	<b>-</b>	<b>792</b>	<b>-</b>	<b>6,727</b>	<b>771,582</b>	<b>1,010,512</b>
<b>QUEENS SECTOR</b>											
Sixty-Third St. Tunnel	-	-	86,452	-	-	-	-	-	-	86,452	86,452
Sixtieth St. Tunnel-BMT/IND	-	-	140,609	-	-	-	-	-	-	140,609	140,609
Queensboro Bridge-Tramway	108,848	-	-	6,536	3,237	-	-	3,338	1,740	14,851	123,699
Fifty-Third St. Tunnel-IND	-	-	141,492	-	-	-	-	-	-	141,492	141,492
Steinway Tunnel-IRT	-	-	110,035	-	-	-	-	-	-	110,035	110,035
Queens Midtown Tunnel-IRT	63,066	-	-	1,250	-	-	-	-	-	1,250	64,316
Amtrak/LIRR Tunnels	-	-	-	-	-	112,835	-	-	-	112,835	112,835
All Ferry Points	-	-	-	-	-	-	641	-	-	641	641
<b>SECTOR TOTAL</b>	<b>171,914</b>	<b>-</b>	<b>478,588</b>	<b>7,786</b>	<b>3,237</b>	<b>112,835</b>	<b>641</b>	<b>3,338</b>	<b>1,740</b>	<b>608,165</b>	<b>780,079</b>
<b>NEW JERSEY SECTOR</b>											
Lincoln Tunnel	77,591	-	-	169,908	-	-	-	-	-	169,908	247,499
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	82,238	-	-	-	82,238	82,238
Uptown Path Tunnel	-	-	61,159	-	-	-	-	-	-	61,159	61,159
Holland Tunnel	56,379	-	-	12,499	-	-	-	-	-	12,499	68,878
Downtown Path Tunnel	-	-	50,730	-	-	-	-	-	-	50,730	50,730
All Ferry Points	-	-	-	-	-	-	14,912	-	-	14,912	14,912
<b>SECTOR TOTAL</b>	<b>133,970</b>	<b>-</b>	<b>111,889</b>	<b>182,407</b>	<b>-</b>	<b>82,238</b>	<b>14,912</b>	<b>-</b>	<b>-</b>	<b>391,446</b>	<b>525,416</b>
<b>STATEN ISLAND FERRY, BICYCLE</b>											
	-	-	-	-	-	-	37,363	-	62	37,425	37,425
<b>TOTAL, ALL SECTORS</b>	<b>1,007,779</b>	<b>537,700</b>	<b>1,579,319</b>	<b>224,682</b>	<b>31,815</b>	<b>300,458</b>	<b>53,708</b>	<b>3,338</b>	<b>21,547</b>	<b>2,752,567</b>	<b>3,760,346</b>

**TABLE 16**  
**WHERE AND WHEN MOTOR VEHICLES ENTERED THE HUB ON A FALL BUSINESS DAY IN 2012**

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
<b>60TH STREET SECTOR</b>									
FDR DRIVE	4,985	14,664	83,498	-	-	-	4,985	14,664	83,498
YORK AVENUE	827	2,382	20,381	6	20	104	833	2,402	20,485
SECOND AVENUE	1,700	5,208	36,855	24	68	312	1,724	5,276	37,167
QUEENSBORO BRIDGE RAMP	-	-	-	-	-	-	-	-	-
LXINGTON AVENUE	1,430	4,102	26,945	20	61	345	1,450	4,163	27,290
PARK AVENUE	1,513	3,980	20,484	-	-	-	1,513	3,980	20,484
FIFTH AVENUE	1,382	4,207	26,281	65	204	714	1,447	4,411	26,995
CENTRAL PARK DRIVE AND 7TH AVENUE	887	1,760	1,835	-	-	-	887	1,760	1,835
BROADWAY	1,013	2,943	18,993	30	87	515	1,043	3,030	19,508
COLUMBUS AVENUE	1,155	3,157	22,319	5	17	95	1,160	3,174	22,414
WEST END AVENUE	995	2,660	15,681	7	17	77	1,002	2,677	15,758
WEST SIDE HIGHWAY	4,414	13,009	58,148	-	-	-	4,414	13,009	58,148
<b>SECTOR TOTAL</b>	<b>20,301</b>	<b>58,072</b>	<b>331,420</b>	<b>157</b>	<b>474</b>	<b>2,162</b>	<b>20,458</b>	<b>58,546</b>	<b>333,582</b>
<b>BROOKLYN SECTOR</b>									
WILLIAMSBURG BRIDGE	3,044	9,262	57,468	-	-	-	3,044	9,262	57,468
MANHATTAN BRIDGE	2,715	7,755	43,788	-	-	-	2,715	7,755	43,788
BROOKLYN BRIDGE	3,613	10,535	50,452	-	-	-	3,613	10,535	50,452
BROOKLYN BATTERY TUNNEL	2,903	8,081	26,480	182	403	609	3,085	8,484	27,089
<b>SECTOR TOTAL</b>	<b>12,275</b>	<b>35,633</b>	<b>178,188</b>	<b>182</b>	<b>403</b>	<b>609</b>	<b>12,457</b>	<b>36,036</b>	<b>178,797</b>
<b>QUEENS SECTOR</b>									
QUEENS MIDTOWN TUNNEL	3,614	10,353	50,355	123	271	414	3,737	10,624	50,769
QUEENSBORO BRIDGE	5,757	17,257	89,857	13	33	208	5,770	17,290	90,065
<b>SECTOR TOTAL</b>	<b>9,371</b>	<b>27,610</b>	<b>140,212</b>	<b>136</b>	<b>304</b>	<b>622</b>	<b>9,507</b>	<b>27,914</b>	<b>140,834</b>
<b>NEW JERSEY SECTOR</b>									
HOLLAND TUNNEL	2,672	8,279	44,285	71	175	781	2,743	8,454	45,066
LINCOLN TUNNEL	2,709	9,877	46,201	922	2,394	6,873	3,631	12,271	53,074
<b>SECTOR TOTAL</b>	<b>5,381</b>	<b>18,156</b>	<b>90,486</b>	<b>993</b>	<b>2,569</b>	<b>7,654</b>	<b>6,374</b>	<b>20,725</b>	<b>98,140</b>
<b>TOTAL, ALL SECTORS</b>	<b>47,328</b>	<b>139,471</b>	<b>740,306</b>	<b>1,468</b>	<b>3,750</b>	<b>11,047</b>	<b>48,796</b>	<b>143,221</b>	<b>751,353</b>

Notes:

1. Majority of buses crossing at the 60<sup>th</sup> Street, Brooklyn, and Queens sectors, belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
2. Buses crossing NJ Sector were counted at the toll facilities which include all the buses.
3. 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.

**TABLE 17**  
**WHERE AND WHEN MOTOR VEHICLES LEFT THE HUB ON A FALL BUSINESS DAY IN 2012**

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
<b>60TH STREET SECTOR</b>									
FDR DRIVE	4,013	11,817	67,613	-	-	-	4,013	11,817	67,613
YORK AVENUE	905	2,690	15,438	8	22	106	913	2,712	15,544
FIRST AVENUE	1,959	5,756	35,272	15	53	306	1,974	5,809	35,578
QUEENSBORO BRIDGE RAMP	1,713	4,918	35,409	-	-	-	1,713	4,918	35,409
THIRD AVENUE	1,292	3,894	29,316	22	64	346	1,314	3,958	29,662
PARK AVENUE	1,344	3,742	20,237	-	-	-	1,344	3,742	20,237
MADISON AVENUE	1,204	3,789	25,923	89	213	707	1,293	4,002	26,630
CENTRAL PARK DRIVE FROM 6TH AVENUE	678	1,884	5,111	-	-	-	678	1,884	5,111
CENTRAL PARK WEST	852	2,441	14,517	9	30	156	861	2,471	14,673
BROADWAY	727	2,155	12,892	22	65	350	749	2,220	13,242
AMSTERDAM AVENUE	1,377	4,254	24,942	8	18	93	1,385	4,272	25,035
WEST END AVENUE	684	1,889	9,328	7	16	85	691	1,905	9,413
WEST SIDE HIGHWAY	3,273	10,103	52,193	-	-	-	3,273	10,103	52,193
<b>SECTOR TOTAL</b>	<b>20,021</b>	<b>59,332</b>	<b>348,191</b>	<b>180</b>	<b>481</b>	<b>2,149</b>	<b>20,201</b>	<b>59,813</b>	<b>350,340</b>
<b>BROOKLYN SECTOR</b>									
WILLIAMSBURG BRIDGE	3,245	9,702	55,228	-	-	-	3,245	9,702	55,228
MANHATTAN BRIDGE	2,781	8,183	45,299	-	-	-	2,781	8,183	45,299
BROOKLYN BRIDGE	3,144	9,476	49,836	-	-	-	3,144	9,476	49,836
BROOKLYN BATTERY TUNNEL	2,403	6,873	26,587	136	359	653	2,539	7,232	27,240
<b>SECTOR TOTAL</b>	<b>11,573</b>	<b>34,234</b>	<b>176,950</b>	<b>136</b>	<b>359</b>	<b>653</b>	<b>11,709</b>	<b>34,593</b>	<b>177,603</b>
<b>QUEENS SECTOR</b>									
QUEENS MIDTOWN TUNNEL	3,014	8,944	40,637	17	37	56	3,031	8,981	40,693
QUEENSBORO BRIDGE	5,439	15,881	87,598	97	224	525	5,536	16,105	88,123
<b>SECTOR TOTAL</b>	<b>8,453</b>	<b>24,825</b>	<b>128,235</b>	<b>114</b>	<b>261</b>	<b>581</b>	<b>8,567</b>	<b>25,086</b>	<b>128,816</b>
<b>NEW JERSEY SECTOR</b>									
HOLLAND TUNNEL	2,184	7,247	47,672	50	147	541	2,234	7,394	48,213
LINCOLN TUNNEL	5,145	13,414	55,034	651	1,470	6,564	5,796	14,884	61,598
<b>SECTOR TOTAL</b>	<b>7,329</b>	<b>20,661</b>	<b>102,706</b>	<b>701</b>	<b>1,617</b>	<b>7,105</b>	<b>8,030</b>	<b>22,278</b>	<b>109,811</b>
<b>TOTAL, ALL SECTORS</b>	<b>47,376</b>	<b>139,052</b>	<b>756,082</b>	<b>1,131</b>	<b>2,718</b>	<b>10,488</b>	<b>48,507</b>	<b>141,770</b>	<b>766,570</b>

Notes:

1. Majority of buses crossing at the 60<sup>th</sup> Street, Brooklyn, and Queens sectors, belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
2. Buses crossing NJ Sector were counted at the toll facilities which include all the buses.
3. 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.

**TABLE 18  
WHERE AND WHEN BUS PASSENGERS ENTERED THE HUB  
ON A FALL BUSINESS DAY IN 2012**

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
<b>60TH STREET SECTOR</b>									
FDR DRIVE	-	-	-	-	-	-	-	-	-
YORK AVENUE	280	750	2,559	-	-	-	280	750	2,559
SECOND AVENUE	269	682	3,421	1,222	2,913	7,535	1,491	3,595	10,956
LEXINGTON AVENUE	477	1,270	4,682	143	433	852	620	1,703	5,534
FIFTH AVENUE	1,213	3,842	10,141	896	3,084	5,820	2,109	6,926	15,961
BROADWAY	452	1,218	4,640	39	122	309	491	1,340	4,949
COLUMBUS AVENUE	104	372	1,536	-	-	-	104	372	1,536
WEST END AVENUE	166	359	979	-	-	-	166	359	979
<b>SECTOR TOTAL</b>	<b>2,961</b>	<b>8,493</b>	<b>27,958</b>	<b>2,300</b>	<b>6,552</b>	<b>14,516</b>	<b>5,261</b>	<b>15,045</b>	<b>42,474</b>
<b>BROOKLYN SECTOR</b>									
WILLIAMSBURG BRIDGE	-	-	-	-	-	-	-	-	-
MANHATTAN BRIDGE	-	-	-	-	-	-	-	-	-
BROOKLYN BATTERY TUNNEL	-	-	-	7,280	15,687	21,813	7,280	15,687	21,813
<b>SECTOR TOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,280</b>	<b>15,687</b>	<b>21,813</b>	<b>7,280</b>	<b>15,687</b>	<b>21,813</b>
<b>QUEENS SECTOR</b>									
QUEENS MIDTOWN TUNNEL	-	-	-	4,196	8,803	10,692	4,196	8,803	10,692
QUEENSBORO BRIDGE	239	530	1,851	-	-	-	239	530	1,851
<b>SECTOR TOTAL</b>	<b>239</b>	<b>530</b>	<b>1,851</b>	<b>4,196</b>	<b>8,803</b>	<b>10,692</b>	<b>4,435</b>	<b>9,333</b>	<b>12,543</b>
<b>NEW JERSEY SECTOR</b>									
HOLLAND TUNNEL	-	-	-	2,399	5,786	19,443	2,399	5,786	19,443
LINCOLN TUNNEL	-	-	-	32,653	83,813	171,631	32,653	83,813	171,631
<b>SECTOR TOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>35,052</b>	<b>89,599</b>	<b>191,074</b>	<b>35,052</b>	<b>89,599</b>	<b>191,074</b>
<b>TOTAL, ALL SECTORS</b>	<b>3,200</b>	<b>9,023</b>	<b>29,809</b>	<b>48,828</b>	<b>120,641</b>	<b>238,095</b>	<b>52,028</b>	<b>129,664</b>	<b>267,904</b>



**TABLE 19  
WHERE AND WHEN BUS PASSENGERS LEFT THE HUB  
ON A FALL BUSINESS DAY IN 2012**

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
<b>60TH STREET SECTOR</b>									
FDR DRIVE	-	-	-	-	-	-	-	-	-
YORK AVENUE	245	704	2,055	-	-	-	245	704	2,055
FIRST AVENUE	238	748	2,957	685	2,360	8,522	923	3,108	11,479
THIRD AVENUE	652	1,750	6,101	47	121	305	699	1,871	6,406
MADISON AVENUE	1,341	3,254	8,695	1,301	3,018	5,590	2,642	6,272	14,285
CENTRAL PARK WEST	105	371	1,154	-	-	-	105	371	1,154
BROADWAY	511	1,482	4,544	36	74	222	547	1,556	4,766
AMSTERDAM AVENUE	294	592	1,984	-	-	-	294	592	1,984
WEST END AVENUE	126	353	1,088	-	-	-	126	353	1,088
<b>SECTOR TOTAL</b>	<b>3,512</b>	<b>9,254</b>	<b>28,578</b>	<b>2,069</b>	<b>5,573</b>	<b>14,639</b>	<b>5,581</b>	<b>14,827</b>	<b>43,217</b>
<b>BROOKLYN SECTOR</b>									
WILLIAMSBURG BRIDGE	-	-	-	-	-	-	-	-	-
MANHATTAN BRIDGE	-	-	-	-	-	-	-	-	-
BROOKLYN BATTERY TUNNEL	-	-	-	4,660	11,756	19,850	4,660	11,756	19,850
<b>SECTOR TOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,660</b>	<b>11,756</b>	<b>19,850</b>	<b>4,660</b>	<b>11,756</b>	<b>19,850</b>
<b>QUEENS SECTOR</b>									
QUEENS MIDTOWN TUNNEL	-	-	-	530	990	1,250	530	990	1,250
QUEENSBORO BRIDGE	367	996	3,237	2,196	4,641	6,536	2,563	5,637	9,773
<b>SECTOR TOTAL</b>	<b>367</b>	<b>996</b>	<b>3,237</b>	<b>2,726</b>	<b>5,631</b>	<b>7,786</b>	<b>3,093</b>	<b>6,627</b>	<b>11,023</b>
<b>NEW JERSEY SECTOR</b>									
HOLLAND TUNNEL	-	-	-	1,807	5,217	12,499	1,807	5,217	12,499
LINCOLN TUNNEL	-	-	-	27,197	59,798	169,908	27,197	59,798	169,908
<b>SECTOR TOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>29,004</b>	<b>65,015</b>	<b>182,407</b>	<b>29,004</b>	<b>65,015</b>	<b>182,407</b>
<b>TOTAL, ALL SECTORS</b>	<b>3,879</b>	<b>10,250</b>	<b>31,815</b>	<b>38,459</b>	<b>87,975</b>	<b>224,682</b>	<b>42,338</b>	<b>98,225</b>	<b>256,497</b>

**TABLE 20**  
**LEVEL OF COMFORT AND HEADWAY**  
**FOR PUBLIC TRANSPORTATION VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY IN 2011 AND 2012**  
**DURING THE 8AM-9AM PEAK HOUR**

	SERVICE OPERATION				FLOOR SPACE		NUMBER OF PSGR		PASSENGERS		AVG FLOOR SPACE		AVERAGE HEADWAY	
	TRAINS, ETC.		RAILCARS, BUSES		(SQ. FT.)		PASSENGERS		PER RAILCAR, BUS		PER PSGR (SQ. FT.)		(MINUTES)	
	2011	2012	2011	2012	2011	2012	2011	2012	2011	2012	2011	2012	2011	2012
<b>60TH STREET SECTOR</b>														
LEXINGTON AVE EXPRESS	27	23	270	230	162,540	138,460	25,600	25,795	95	112	6.35	5.37	2.2	2.6
LEXINGTON AVE LOCAL	21	22	210	220	126,420	132,440	23,912	24,331	114	111	5.29	5.44	2.9	2.7
EIGHTH AVE EXPRESS	18	17	144	136	86,688	81,872	20,374	22,049	141	162	4.25	3.71	3.3	3.5
EIGHTH AVE LOCAL	12	12	96	96	57,792	57,792	8,827	8,932	92	93	6.55	6.47	5.0	5.0
BROADWAY/7TH AVE EXPRESS	23	23	230	230	138,460	138,460	21,136	22,917	92	100	6.55	6.04	2.6	2.6
BROADWAY/7TH AVE LOCAL	18	17	180	170	108,360	102,340	15,585	16,169	87	95	6.95	6.33	3.3	3.5
MTA/AMTRAK TUN. BUSES	53 -	54 -	391 168	407 157	235,382 53,760	245,014 50,240	33,278 5,831	33,438 5,261	85 35	82 34	7.07 9.22	7.33 9.55	1.1 -	1.1 -
<b>SECTOR AVERAGE</b>	<b>172</b>	<b>168</b>	<b>1,689</b>	<b>1,646</b>	<b>969,402</b>	<b>946,618</b>	<b>154,543</b>	<b>158,892</b>	<b>93</b>	<b>99</b>	<b>6.27</b>	<b>5.96</b>	<b>2.9</b>	<b>3.0</b>
<b>BROOKLYN SECTOR</b>														
14TH ST. TUNNEL	17	18	136	144	81,872	86,688	17,985	18,988	132	132	4.55	4.57	3.5	3.3
WILLIAMSBURG BRIDGE	16	15	128	120	77,056	72,240	12,515	11,825	98	99	6.16	6.11	3.8	4.0
RUTGERS ST. TUNNEL	13	11	130	110	78,260	66,220	12,227	13,156	94	120	6.40	5.03	4.6	5.5
MANHATTAN BRIDGE	37	38	334	344	201,068	207,088	41,338	40,827	124	119	4.86	5.07	1.6	1.6
CRANBERRY ST. TUNNEL	24	25	192	200	115,584	120,400	23,427	24,417	122	122	4.93	4.93	2.5	2.4
CLARK ST. TUNNEL	16	17	160	170	96,320	102,340	13,797	14,759	86	87	6.98	6.93	3.8	3.5
MONTAGUE ST. TUNNEL	9	10	72	80	43,344	48,160	6,608	6,858	92	86	6.56	7.02	6.7	6.0
JORALEMON ST. TUNNEL	23	23	230	230	138,460	138,460	19,322	19,397	84	84	7.17	7.14	2.6	2.6
BUSES	-	-	172	182	55,040	58,240	7,071	7,280	41	40	7.78	8.00	-	-
<b>SECTOR AVERAGE</b>	<b>155</b>	<b>157</b>	<b>1,554</b>	<b>1,580</b>	<b>887,004</b>	<b>899,836</b>	<b>154,290</b>	<b>157,507</b>	<b>97</b>	<b>99</b>	<b>5.75</b>	<b>5.71</b>	<b>3.6</b>	<b>3.6</b>
<b>QUEENS SECTOR</b>														
60TH STREET TUNNEL	23	23	212	212	127,624	127,624	25,076	25,695	118	121	5.09	4.97	2.6	2.6
53RD STREET TUNNEL	24	24	220	220	132,440	132,440	26,907	27,493	122	125	4.92	4.82	2.5	2.5
STEINWAY TUNNEL	25	26	275	286	165,550	172,172	19,241	19,576	70	68	8.60	8.80	2.4	2.3
63RD STREET TUNNEL	15	15	150	150	90,300	90,300	16,075	16,264	107	108	5.62	5.55	4.0	4.0
LIRR/AMTRAK TUNNELS	37	37	388	388	233,576	233,576	33,569	33,094	87	85	6.96	7.06	1.6	1.6
BUSES	-	-	131	136	41,920	43,520	4,310	4,435	33	33	9.73	9.81	-	-
<b>SECTOR AVERAGE</b>	<b>124</b>	<b>125</b>	<b>1,376</b>	<b>1,392</b>	<b>791,410</b>	<b>799,632</b>	<b>125,178</b>	<b>126,557</b>	<b>90</b>	<b>90</b>	<b>6.32</b>	<b>6.32</b>	<b>2.6</b>	<b>2.6</b>
<b>NEW JERSEY SECTOR</b>														
PATH DOWNTOWN TUNNEL	25	24	200	192	73,600	70,656	11,639	15,232	58	79	6.32	4.64	2.4	2.5
PATH UPTOWN TUNNEL	23	24	161	168	59,248	61,824	15,667	11,811	97	70	3.78	5.23	2.6	2.5
N.J. TRANSIT/AMTRAK TUNNEL	26	26	221	219	133,042	131,838	21,011	21,115	95	96	6.33	6.24	2.3	2.3
BUSES	-	-	952	993	304,640	317,760	33,617	35,052	35	35	9.06	9.07	-	-
<b>SECTOR AVERAGE</b>	<b>74</b>	<b>74</b>	<b>1,534</b>	<b>1,572</b>	<b>570,530</b>	<b>582,078</b>	<b>81,934</b>	<b>83,210</b>	<b>71</b>	<b>70</b>	<b>6.96</b>	<b>7.00</b>	<b>2.4</b>	<b>2.4</b>
<b>STATEN ISLAND FERRY</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>80,000</b>	<b>80,000</b>	<b>5,368</b>	<b>5,851</b>	<b>1,342</b>	<b>1,463</b>	<b>14.90</b>	<b>13.67</b>	<b>15.0</b>	<b>15.0</b>
<b>ROOSEVELT ISLAND TRAMWAY</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>2,400</b>	<b>2,400</b>	<b>587</b>	<b>789</b>	<b>73</b>	<b>99</b>	<b>4</b>	<b>3.04</b>	<b>7.5</b>	<b>7.5</b>
<b>TOTAL/AVERAGE, ALL SECTORS</b>	<b>537</b>	<b>536</b>	<b>6,165</b>	<b>6,202</b>	<b>3,300,746</b>	<b>3,310,564</b>	<b>521,900</b>	<b>532,806</b>	<b>85</b>	<b>86</b>	<b>6.32</b>	<b>6.21</b>	<b>2.9</b>	<b>2.9</b>

**TABLE 21A**  
**TOTAL PERSONS ENTERING AND LEAVING THE HUB**  
**ON A FALL BUSINESS DAY IN 2010, 2011, AND 2012**

HOURS	2010			2011			2012		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	29,318	65,115	94,433	28,067	58,246	86,313	29,056	56,708	85,764
1:00am	16,510	33,547	50,057	15,331	28,331	43,662	16,891	28,827	45,718
2:00am	11,261	18,581	29,842	10,898	15,496	26,394	11,561	15,398	26,959
3:00am	11,788	14,596	26,384	12,443	13,889	26,332	12,895	13,724	26,619
4:00am	25,360	18,295	43,655	26,777	18,820	45,597	27,114	18,077	45,191
5:00am	80,545	38,275	118,820	83,864	35,482	119,346	85,155	34,830	119,985
6:00am	206,952	84,782	291,734	208,788	80,441	289,229	215,212	82,437	297,649
7:00am	423,666	152,523	576,189	418,959	147,558	566,517	422,964	151,623	574,587
8:00am	580,733	169,126	749,859	593,517	166,188	759,705	600,132	168,235	768,367
9:00am	348,057	128,581	476,638	355,483	129,970	485,453	374,259	130,931	505,190
10:00am	197,720	108,151	305,871	199,724	109,122	308,846	207,973	111,256	319,229
11:00am	162,419	110,384	272,803	157,761	107,842	265,603	163,726	110,826	274,552
12:00pm	146,925	125,541	272,466	144,682	124,266	268,948	148,393	126,979	275,372
1:00pm	146,500	140,909	287,409	143,788	137,662	281,450	145,496	141,078	286,574
2:00pm	153,980	174,139	328,119	150,295	168,466	318,761	153,294	172,307	325,601
3:00pm	170,715	231,118	401,833	167,655	230,227	397,882	173,456	235,510	408,966
4:00pm	185,126	306,550	491,676	184,032	311,202	495,234	187,201	311,342	498,543
5:00pm	197,718	447,909	645,627	197,270	473,889	671,159	200,933	478,808	679,741
6:00pm	168,001	404,142	572,143	159,525	409,366	568,891	166,499	418,937	585,436
7:00pm	125,530	275,572	401,102	119,765	279,740	399,505	121,307	295,429	416,736
8:00pm	97,275	207,141	304,416	90,668	203,145	293,813	94,124	220,914	315,038
9:00pm	79,605	166,061	245,666	76,184	164,374	240,558	79,033	178,488	257,521
10:00pm	70,793	139,047	209,840	66,007	136,258	202,265	66,317	143,620	209,937
11:00pm	51,935	104,009	155,944	50,074	105,043	155,117	51,520	114,062	165,582
<b>TOTAL</b>	<b>3,688,432</b>	<b>3,664,094</b>	<b>7,352,526</b>	<b>3,661,557</b>	<b>3,655,023</b>	<b>7,316,580</b>	<b>3,754,511</b>	<b>3,760,346</b>	<b>7,514,857</b>

**TABLE 21B  
 CUMULATIVE TOTAL OF PERSONS ENTERING THE HUB  
 AT PEAK ACCUMULATION 1975-2012**

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	1,230,220	2:00pm
2012	1,316,844	2:00pm

**TABLE 22A**  
**TOTAL PUBLIC TRANSIT PASSENGERS ENTERING AND LEAVING**  
**THE HUB ON A FALL BUSINESS DAY IN 2010, 2011, AND 2012**

HOURS	2010			2011			2012		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	8,640	35,777	44,417	8,534	29,051	37,585	9,030	26,913	35,943
1:00am	4,300	15,538	19,838	3,405	10,176	13,581	4,081	9,820	13,901
2:00am	2,393	6,443	8,836	1,925	3,315	5,240	2,316	3,257	5,573
3:00am	2,790	4,330	7,120	3,401	3,582	6,983	3,760	3,884	7,644
4:00am	10,902	4,969	15,871	12,184	5,627	17,811	12,254	5,383	17,637
5:00am	49,789	17,430	67,219	54,104	13,383	67,487	54,853	13,826	68,679
6:00am	155,718	49,591	205,309	159,418	45,522	204,940	165,014	47,806	212,820
7:00am	363,138	106,435	469,573	359,603	101,207	460,810	365,214	106,174	471,388
8:00am	515,758	121,700	637,458	528,144	119,693	647,837	537,615	122,433	660,048
9:00am	287,776	84,367	372,143	292,836	86,205	379,041	313,087	87,004	400,091
10:00am	146,175	63,426	209,601	146,030	65,264	211,294	154,414	67,112	221,526
11:00am	114,282	66,932	181,214	110,144	65,223	175,367	117,473	66,584	184,057
12:00pm	100,688	79,743	180,431	97,765	79,585	177,350	102,443	80,562	183,005
1:00pm	99,652	92,498	192,150	96,791	89,830	186,621	99,556	92,833	192,389
2:00pm	105,649	120,203	225,852	100,808	113,886	214,694	105,572	118,432	224,004
3:00pm	120,787	171,983	292,770	118,152	170,497	288,649	124,849	175,348	300,197
4:00pm	136,802	246,179	382,981	134,363	248,982	383,345	138,066	247,685	385,751
5:00pm	146,843	387,072	533,915	144,730	408,426	553,156	148,693	412,477	561,170
6:00pm	116,925	341,500	458,425	107,780	344,522	452,302	116,528	354,219	470,747
7:00pm	77,743	217,481	295,224	71,113	219,871	290,984	75,571	234,075	309,646
8:00pm	54,887	154,978	209,865	48,268	149,984	198,252	52,573	163,970	216,543
9:00pm	40,376	115,508	155,884	37,451	112,171	149,622	39,743	125,979	165,722
10:00pm	32,346	90,147	122,493	29,692	88,618	118,310	29,901	95,146	125,047
11:00pm	19,880	63,143	83,023	18,691	64,427	83,118	19,687	70,098	89,785
<b>TOTAL</b>	<b>2,714,239</b>	<b>2,657,373</b>	<b>5,371,612</b>	<b>2,685,332</b>	<b>2,639,047</b>	<b>5,324,379</b>	<b>2,792,293</b>	<b>2,731,020</b>	<b>5,523,313</b>

**TABLE 22B**  
**CUMULATIVE TOTAL OF PASSENGERS ENTERING AND LEAVING THE**  
**HUB BY PUBLIC TRANSPORTATION, AT PEAK ACCUMULATION**  
**1975-2012**

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
2012	1,203,234	2:00pm

**TABLE 23A**  
**TOTAL PRIVATE MOTOR VEHICLES ENTERING AND LEAVING**  
**THE HUB ON A FALL BUSINESS DAY IN YEARS 2010, 2011, AND 2012**

HOURS	2010			2011			2012		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	16,127	22,120	38,247	15,151	21,957	37,108	15,649	22,423	38,072
1:00am	9,549	13,591	23,140	9,273	13,623	22,896	10,003	14,320	24,323
2:00am	6,960	9,179	16,139	7,011	9,175	16,186	7,226	9,149	16,375
3:00am	7,096	7,811	14,907	7,114	7,823	14,937	7,149	7,453	14,602
4:00am	11,451	10,180	21,631	11,524	10,098	21,622	11,660	9,695	21,355
5:00am	24,430	15,923	40,353	23,551	16,851	40,402	23,770	16,037	39,807
6:00am	42,346	26,894	69,240	40,072	26,467	66,539	40,798	26,323	67,121
7:00am	49,259	34,842	84,101	47,152	34,663	81,815	46,006	34,045	80,051
8:00am	50,854	35,582	86,436	49,348	34,317	83,665	47,328	34,093	81,421
9:00am	47,198	32,816	80,014	47,214	31,924	79,138	46,137	32,279	78,416
10:00am	40,738	33,469	74,207	41,270	32,223	73,493	41,230	32,671	73,901
11:00am	38,035	32,945	70,980	36,478	31,511	67,989	35,671	32,800	68,471
12:00pm	35,945	34,426	70,371	35,221	32,712	67,933	34,644	34,049	68,693
1:00pm	36,500	36,876	73,376	35,558	35,561	71,119	34,890	35,840	70,730
2:00pm	37,657	40,705	78,362	37,548	40,357	77,905	36,369	39,630	75,999
3:00pm	39,488	45,142	84,630	38,181	44,581	82,762	37,619	44,922	82,541
4:00pm	37,649	45,192	82,841	37,699	45,276	82,975	37,497	46,410	83,907
5:00pm	39,230	45,094	84,324	39,309	46,722	86,031	39,242	47,376	86,618
6:00pm	39,900	45,901	85,801	39,095	45,159	84,254	38,011	45,266	83,277
7:00pm	37,460	43,039	80,499	36,875	42,110	78,985	34,950	43,493	78,443
8:00pm	33,151	39,220	72,371	32,133	38,319	70,452	31,834	41,468	73,302
9:00pm	30,719	37,915	68,634	29,549	37,987	67,536	30,145	38,389	68,534
10:00pm	30,095	36,640	66,735	27,595	34,941	62,536	27,888	35,519	63,407
11:00pm	25,044	30,705	55,749	23,978	29,922	53,900	24,590	32,432	57,022
<b>TOTAL</b>	<b>766,881</b>	<b>756,207</b>	<b>1,523,088</b>	<b>747,899</b>	<b>744,279</b>	<b>1,492,178</b>	<b>740,306</b>	<b>756,082</b>	<b>1,496,388</b>

**TABLE 23B  
CUMULATIVE TOTAL OF MOTOR VEHICLES ENTERING AND LEAVING  
THE HUB AT PEAK ACCUMULATION, 1973-2012**

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
2012	81,359	1:00pm



**TABLE 24**  
**TOTAL PERSONS ENTERING THE HUB BY HOUR AND MODE IN 2012**

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL
12:00am	20,026	6,847	1,033	1,011	124	15	0	29,056
1:00am	12,810	2,493	611	877	91	9	0	16,891
2:00am	9,245	1,680	318	289	29	0	0	11,561
3:00am	9,135	3,136	548	30	46	0	0	12,895
4:00am	14,860	10,720	1,063	340	131	0	0	27,114
5:00am	30,302	41,819	8,528	3,992	500	14	0	85,155
6:00am	49,698	114,110	26,960	21,113	2,756	78	500	215,212
7:00am	56,550	256,669	47,071	54,414	6,806	256	1,200	422,964
8:00am	60,223	386,491	52,028	87,647	10,669	789	2,294	600,132
9:00am	58,854	234,179	30,565	40,157	7,774	412	2,318	374,259
10:00am	52,058	123,792	12,984	14,768	2,676	196	1,501	207,973
11:00am	45,058	96,704	8,801	9,555	2,202	217	1,195	163,726
12:00pm	44,583	85,369	6,704	7,763	2,459	153	1,367	148,393
1:00pm	44,683	84,070	6,805	6,449	2,077	159	1,257	145,496
2:00pm	46,579	89,907	7,497	5,893	2,137	157	1,143	153,294
3:00pm	47,421	106,569	9,950	6,024	2,129	189	1,186	173,456
4:00pm	47,981	115,738	12,706	7,437	2,029	175	1,154	187,201
5:00pm	50,787	126,939	9,664	9,449	2,512	156	1,453	200,933
6:00pm	48,430	97,347	7,321	9,795	1,924	163	1,541	166,499
7:00pm	44,429	61,541	5,932	6,937	1,093	90	1,307	121,307
8:00pm	40,583	44,524	3,936	3,326	731	64	968	94,124
9:00pm	38,488	33,071	2,991	3,081	558	53	802	79,033
10:00pm	35,846	25,141	2,084	2,289	362	37	570	66,317
11:00pm	31,528	16,863	1,804	729	257	39	305	51,520
<b>TOTAL</b>	<b>940,157</b>	<b>2,165,719</b>	<b>267,904</b>	<b>303,365</b>	<b>52,072</b>	<b>3,421</b>	<b>22,061</b>	<b>3,754,511</b>

**TABLE 25**  
**TOTAL PERSONS LEAVING THE HUB BY HOUR AND MODE IN 2012**

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL
12:00am	29,795	21,673	1,923	2,543	730	44	0	56,708
1:00am	19,007	6,141	1,575	1,484	604	16	0	28,827
2:00am	12,141	2,683	201	138	234	1	0	15,398
3:00am	9,840	3,241	137	337	169	0	0	13,724
4:00am	12,694	4,901	61	314	107	0	0	18,077
5:00am	21,004	12,810	156	760	98	2	0	34,830
6:00am	34,384	40,579	3,810	3,028	362	37	247	82,437
7:00am	45,008	89,426	9,308	6,548	825	83	441	151,623
8:00am	45,252	103,235	11,792	6,166	1,167	82	550	168,235
9:00am	43,264	69,284	12,370	4,077	1,187	92	663	130,931
10:00am	43,484	54,298	7,643	3,848	1,230	97	660	111,256
11:00am	43,396	55,027	5,833	4,051	1,554	121	846	110,826
12:00pm	45,341	67,090	6,283	5,058	2,029	105	1,076	126,979
1:00pm	47,169	77,002	6,664	6,791	2,268	108	1,076	141,078
2:00pm	52,781	96,304	9,411	9,967	2,597	154	1,094	172,307
3:00pm	59,048	137,621	16,633	17,793	3,066	238	1,114	235,510
4:00pm	62,231	186,021	24,495	31,899	5,026	244	1,426	311,342
5:00pm	64,255	290,950	42,338	70,314	8,498	378	2,076	478,808
6:00pm	61,926	259,255	31,392	53,911	9,166	497	2,792	418,937
7:00pm	58,983	174,041	25,288	28,952	5,382	415	2,371	295,429
8:00pm	55,122	128,762	15,583	16,584	2,788	253	1,822	220,914
9:00pm	51,111	101,671	10,227	11,763	2,132	187	1,398	178,488
10:00pm	47,352	77,671	7,110	8,697	1,567	101	1,122	143,620
11:00pm	43,191	57,333	6,264	5,435	984	83	773	114,062
<b>TOTAL</b>	<b>1,007,779</b>	<b>2,117,019</b>	<b>256,497</b>	<b>300,458</b>	<b>53,770</b>	<b>3,338</b>	<b>21,547</b>	<b>3,760,346</b>

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**TABLE 26**  
**TOTAL PERSONS ENTERING THE HUB BY HOUR AND SECTOR IN 2012**

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	N. J. SECTOR	S. I. SECTOR (FERRY)	ROOSEVELT ISLAND (TRAMWAY)	TOTAL
12:00am	13,387	7,229	5,029	3,272	124	15	29,056
1:00am	6,729	4,367	3,136	2,559	91	9	16,891
2:00am	4,676	2,909	2,561	1,386	29	0	11,561
3:00am	5,244	3,320	2,760	1,525	46	0	12,895
4:00am	9,745	7,720	6,421	3,097	131	0	27,114
5:00am	29,148	21,791	18,619	15,229	354	14	85,155
6:00am	64,571	57,284	50,114	41,813	1,352	78	215,212
7:00am	131,121	116,723	100,564	70,986	3,314	256	422,964
8:00am	186,969	173,569	138,218	94,736	5,851	789	600,132
9:00am	114,042	110,200	79,754	63,995	5,856	412	374,259
10:00am	71,459	59,912	46,842	27,604	1,960	196	207,973
11:00am	61,786	46,814	34,027	19,111	1,771	217	163,726
12:00pm	60,325	40,941	29,009	15,956	2,009	153	148,393
1:00pm	59,815	40,029	28,594	15,237	1,662	159	145,496
2:00pm	63,752	41,734	30,080	15,783	1,788	157	153,294
3:00pm	76,463	44,364	32,302	18,333	1,805	189	173,456
4:00pm	82,726	45,783	34,706	22,249	1,562	175	187,201
5:00pm	89,422	48,686	36,685	24,177	1,807	156	200,933
6:00pm	75,935	39,416	29,847	19,691	1,447	163	166,499
7:00pm	56,749	27,854	19,860	15,911	843	90	121,307
8:00pm	45,991	22,733	14,561	10,159	616	64	94,124
9:00pm	37,972	18,735	12,945	8,810	518	53	79,033
10:00pm	31,848	15,908	11,109	7,075	340	37	66,317
11:00pm	25,045	12,590	8,341	5,251	254	39	51,520
<b>TOTAL</b>	<b>1,404,920</b>	<b>1,010,611</b>	<b>776,084</b>	<b>523,945</b>	<b>35,530</b>	<b>3,421</b>	<b>3,754,511</b>

**TABLE 27**  
**TOTAL PERSONS LEAVING THE HUB BY HOUR AND SECTOR IN 2012**

<b>HOURS</b>	<b>60TH STREET SECTOR</b>	<b>BROOKLYN SECTOR</b>	<b>QUEENS SECTOR</b>	<b>N. J. SECTOR</b>	<b>S. I. SECTOR (FERRY)</b>	<b>ROOSEVELT ISLAND (TRAMWAY)</b>	<b>TOTAL</b>
12:00am	18,809	16,105	15,557	5,485	708	44	56,708
1:00am	9,377	7,566	6,604	4,660	604	16	28,827
2:00am	5,549	4,301	3,540	1,773	234	1	15,398
3:00am	5,122	3,670	3,156	1,607	169	0	13,724
4:00am	7,565	4,440	3,922	2,043	107	0	18,077
5:00am	16,098	8,646	6,743	3,243	98	2	34,830
6:00am	38,568	18,535	14,859	10,119	319	37	82,437
7:00am	75,614	32,093	23,938	19,369	526	83	151,623
8:00am	81,128	37,537	25,556	23,268	664	82	168,235
9:00am	61,040	29,633	18,650	20,696	820	92	130,931
10:00am	53,095	25,755	16,473	14,802	1,034	97	111,256
11:00am	51,644	26,937	18,520	12,292	1,312	121	110,826
12:00pm	55,624	32,968	22,546	14,041	1,695	105	126,979
1:00pm	60,778	37,248	25,997	15,142	1,805	108	141,078
2:00pm	70,262	45,177	34,318	20,320	2,076	154	172,307
3:00pm	86,534	63,450	52,625	30,541	2,122	238	235,510
4:00pm	101,132	88,351	72,181	46,357	3,077	244	311,342
5:00pm	151,640	127,905	112,662	81,509	4,714	378	478,808
6:00pm	136,090	119,697	93,243	63,866	5,544	497	418,937
7:00pm	95,938	86,839	62,916	45,704	3,617	415	295,429
8:00pm	73,374	66,595	46,204	32,232	2,256	253	220,914
9:00pm	61,947	53,316	37,596	23,720	1,722	187	178,488
10:00pm	51,480	40,530	32,156	18,038	1,315	101	143,620
11:00pm	38,506	33,218	26,779	14,589	887	83	114,062
<b>TOTAL</b>	<b>1,406,914</b>	<b>1,010,512</b>	<b>776,741</b>	<b>525,416</b>	<b>37,425</b>	<b>3,338</b>	<b>3,760,346</b>

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# **Appendix III**

## **Hourly Detail Tables - 2012**

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## SECTION A BUS TRANSIT BY SECTOR SUMMARY, 2012-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	37	172	-	-	5	17	71	844	113	1,033
1:00am	13	36	-	-	5	13	34	562	52	611
2:00am	8	28	-	-	2	1	14	289	24	318
3:00am	8	29	-	-	1	7	17	512	26	548
4:00am	15	73	1	27	2	12	27	951	45	1,063
5:00am	54	590	15	515	5	64	194	7,359	268	8,528
6:00am	134	2,350	66	2,341	45	1,366	542	20,903	787	26,960
7:00am	180	5,233	128	5,105	110	3,688	877	33,045	1,295	47,071
8:00am	157	5,261	182	7,280	136	4,435	993	35,052	1,468	52,028
9:00am	137	4,551	93	3,302	58	1,210	699	21,502	987	30,565
10:00am	116	2,981	29	879	28	371	316	8,753	489	12,984
11:00am	109	2,010	17	461	22	308	248	6,022	396	8,801
12:00pm	110	1,995	11	271	21	138	199	4,300	341	6,704
1:00pm	110	1,832	13	321	18	154	242	4,498	383	6,805
2:00pm	121	2,094	10	249	21	178	303	4,976	455	7,497
3:00pm	116	2,411	11	248	20	129	482	7,162	629	9,950
4:00pm	136	2,783	9	275	21	126	641	9,522	807	12,706
5:00pm	122	2,583	10	298	19	94	437	6,689	588	9,664
6:00pm	113	2,008	4	57	17	57	337	5,199	471	7,321
7:00pm	93	1,093	2	30	21	50	318	4,759	434	5,932
8:00pm	76	835	2	39	11	18	221	3,044	310	3,936
9:00pm	78	624	3	49	13	40	185	2,278	279	2,991
10:00pm	65	558	2	53	12	34	141	1,439	220	2,084
11:00pm	54	344	1	13	9	33	116	1,414	180	1,804
<b>TOTAL</b>	<b>2,162</b>	<b>42,474</b>	<b>609</b>	<b>21,813</b>	<b>622</b>	<b>12,543</b>	<b>7,654</b>	<b>191,074</b>	<b>11,047</b>	<b>267,904</b>

## SUMMARY, 2012-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	574	15	426	8	142	33	781	112	1,923
1:00am	28	126	5	166	4	84	63	1,199	100	1,575
2:00am	11	55	-	-	2	13	8	133	21	201
3:00am	8	31	-	-	2	5	7	101	17	137
4:00am	7	30	-	-	3	10	1	21	11	61
5:00am	19	122	-	-	3	7	2	27	24	156
6:00am	47	491	-	-	6	26	293	3,293	346	3,810
7:00am	91	1,669	1	17	7	44	654	7,578	753	9,308
8:00am	107	2,053	5	131	14	60	735	9,548	861	11,792
9:00am	119	1,564	4	44	20	61	728	10,701	871	12,370
10:00am	122	1,417	4	44	23	81	362	6,101	511	7,643
11:00am	115	1,653	7	103	22	104	216	3,973	360	5,833
12:00pm	97	1,856	9	86	19	146	203	4,195	328	6,283
1:00pm	121	2,140	14	319	20	200	163	4,005	318	6,664
2:00pm	109	2,395	20	569	23	330	203	6,117	355	9,411
3:00pm	130	3,248	44	1,223	25	552	321	11,610	520	16,633
4:00pm	147	3,971	90	2,740	58	1,146	419	16,638	714	24,495
5:00pm	180	5,581	136	4,660	114	3,093	701	29,004	1,131	42,338
6:00pm	154	5,275	133	4,356	89	2,388	497	19,373	873	31,392
7:00pm	137	3,469	62	1,914	51	1,238	522	18,667	772	25,288
8:00pm	112	2,323	42	1,192	23	445	362	11,623	539	15,583
9:00pm	85	1,306	27	809	17	334	251	7,778	380	10,227
10:00pm	82	1,168	17	529	15	274	179	5,139	293	7,110
11:00pm	65	700	18	522	13	240	182	4,802	278	6,264
<b>TOTAL</b>	<b>2,149</b>	<b>43,217</b>	<b>653</b>	<b>19,850</b>	<b>581</b>	<b>11,023</b>	<b>7,105</b>	<b>182,407</b>	<b>10,488</b>	<b>256,497</b>

Notes:

- Majority of buses crossing at the 60<sup>th</sup> Street, Brooklyn, and Queens sectors, belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- Buses crossing NJ Sector were counted at the toll facilities which include all the buses.
- 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

#### 60<sup>TH</sup> STREET SECTOR 2012 - 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	22	4	49	-	-	4	49	9	41	-	-	9	41	2	11	2	7	-	-	4	18
1:00am	1	10	3	7	-	-	3	7	3	5	-	-	3	5	1	2	-	-	-	-	1	2
2:00am	-	-	2	10	-	-	2	10	3	11	-	-	3	11	1	3	-	-	-	-	1	3
3:00am	-	-	2	13	-	-	2	13	2	7	-	-	2	7	1	2	-	-	-	-	1	2
4:00am	-	-	4	30	-	-	4	30	7	26	-	-	7	26	1	6	-	-	-	-	1	6
5:00am	1	19	5	28	9	117	14	145	9	46	1	36	10	82	4	28	7	197	2	47	13	272
6:00am	4	65	9	71	15	424	24	495	20	170	3	94	23	264	15	240	37	1,028	3	50	55	1,318
7:00am	6	203	10	179	16	1,123	26	1,302	15	337	8	232	23	569	25	742	58	1,706	3	115	86	2,563
8:00am	6	280	8	269	16	1,222	24	1,491	14	477	6	143	20	620	26	1,213	38	877	1	19	65	2,109
9:00am	8	267	8	234	10	568	18	802	15	456	3	58	18	514	31	1,887	21	345	1	22	53	2,254
10:00am	7	193	7	141	10	363	17	504	14	296	3	40	17	336	26	1,258	14	222	1	4	41	1,484
11:00am	5	108	7	169	9	262	16	431	15	293	2	56	17	349	21	493	13	191	-	-	34	684
12:00pm	7	159	6	138	9	310	15	448	16	282	2	36	18	318	16	454	13	158	1	-	30	612
1:00pm	6	125	8	270	9	294	17	564	16	244	2	30	18	274	14	262	11	120	-	-	25	382
2:00pm	6	137	4	135	10	354	14	489	16	318	2	35	18	353	25	546	14	147	-	-	39	693
3:00pm	6	199	7	304	7	329	14	633	18	330	2	21	20	351	27	703	12	85	-	-	39	788
4:00pm	8	195	8	331	13	666	21	997	15	224	2	24	17	248	33	720	13	114	-	-	46	834
5:00pm	5	180	6	240	9	378	15	618	19	347	2	15	21	362	27	768	12	86	-	-	39	854
6:00pm	7	168	6	212	8	403	14	615	15	238	1	9	16	247	23	427	12	69	-	-	35	496
7:00pm	5	85	7	175	6	270	13	445	17	158	2	6	19	164	17	142	11	47	-	-	28	189
8:00pm	4	49	6	121	7	256	13	377	9	83	1	5	10	88	12	100	9	35	-	-	21	135
9:00pm	3	31	5	67	5	150	10	217	13	123	2	10	15	133	15	67	9	37	-	-	24	104
10:00pm	3	25	6	127	2	46	8	173	9	88	1	1	10	89	12	37	9	59	-	-	21	96
11:00pm	3	39	4	101	-	-	4	101	10	82	1	1	11	83	4	30	8	33	-	-	12	63
<b>TOTAL</b>	<b>104</b>	<b>2,559</b>	<b>142</b>	<b>3,421</b>	<b>170</b>	<b>7,535</b>	<b>312</b>	<b>10,956</b>	<b>299</b>	<b>4,682</b>	<b>46</b>	<b>852</b>	<b>345</b>	<b>5,534</b>	<b>379</b>	<b>10,141</b>	<b>323</b>	<b>5,563</b>	<b>12</b>	<b>257</b>	<b>714</b>	<b>15,961</b>

#### 60<sup>TH</sup> STREET SECTOR 2012- 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	12	33	-	-	12	33	2	7	3	2	35	165	2	7	-	-	37	172
1:00am	5	12	-	-	5	12	-	-	-	-	13	36	-	-	-	-	13	36
2:00am	2	4	-	-	2	4	-	-	-	-	8	28	-	-	-	-	8	28
3:00am	3	7	-	-	3	7	-	-	-	-	8	29	-	-	-	-	8	29
4:00am	3	11	-	-	3	11	-	-	-	-	15	73	-	-	-	-	15	73
5:00am	11	43	-	-	11	43	3	18	2	11	44	310	8	233	2	47	54	590
6:00am	17	105	3	51	20	156	4	19	4	33	88	1,127	43	1,173	3	50	134	2,350
7:00am	25	371	3	64	28	435	6	88	5	73	108	3,116	69	2,002	3	115	180	5,233
8:00am	28	452	2	39	30	491	5	104	7	166	110	4,183	46	1,059	1	19	157	5,261
9:00am	27	395	2	19	29	414	6	180	5	120	110	4,107	26	422	1	22	137	4,551
10:00am	24	312	2	30	26	342	5	85	3	37	96	2,685	19	292	1	4	116	2,981
11:00am	24	266	2	22	26	288	6	99	5	51	92	1,741	17	269	-	-	109	2,010
12:00pm	30	319	2	12	32	331	5	98	3	29	92	1,789	17	206	1	-	110	1,995
1:00pm	31	307	2	10	33	317	7	111	4	59	95	1,672	15	160	-	-	110	1,832
2:00pm	30	256	2	9	32	265	9	116	3	41	103	1,903	18	191	-	-	121	2,094
3:00pm	25	227	2	18	27	245	8	147	2	48	100	2,287	16	124	-	-	116	2,411
4:00pm	31	338	2	9	33	347	5	84	6	78	119	2,636	17	147	-	-	136	2,783
5:00pm	30	373	2	6	32	379	5	112	5	78	106	2,476	16	107	-	-	122	2,583
6:00pm	28	300	2	11	30	311	5	88	6	83	98	1,919	15	89	-	-	113	2,008
7:00pm	22	147	1	3	23	150	2	39	3	21	79	1,037	14	56	-	-	93	1,093
8:00pm	19	119	2	2	21	121	4	48	3	17	64	793	12	42	-	-	76	835
9:00pm	19	100	2	1	21	101	2	24	3	14	65	576	13	48	-	-	78	624
10:00pm	16	108	2	2	18	110	3	52	2	13	53	496	12	62	-	-	65	558
11:00pm	17	35	1	1	18	36	3	17	3	5	44	309	10	35	-	-	54	344
<b>TOTAL</b>	<b>479</b>	<b>4,640</b>	<b>36</b>	<b>309</b>	<b>515</b>	<b>4,949</b>	<b>95</b>	<b>1,536</b>	<b>77</b>	<b>979</b>	<b>1,745</b>	<b>35,493</b>	<b>405</b>	<b>6,724</b>	<b>12</b>	<b>257</b>	<b>2,162</b>	<b>42,474</b>

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

# SECTION A

## BUS TRANSIT BY ROUTE 60<sup>TH</sup> STREET SECTOR 2012-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.		WCDOT		TOTAL	
	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	4	16	5	41	-	-	5	41	11	142	1	6	12	148	6	94	8	133	-	-	14	227
1:00am	1	5	2	22	-	-	2	22	5	26	-	-	5	26	3	15	3	25	-	-	6	40
2:00am	-	-	3	17	-	-	3	17	3	21	-	-	3	21	1	4	-	-	-	-	1	4
3:00am	-	-	3	17	-	-	3	17	2	6	-	-	2	6	1	5	-	-	-	-	1	5
4:00am	-	-	1	4	-	-	1	4	3	17	-	-	3	17	-	-	-	-	-	-	-	-
5:00am	1	6	4	73	-	-	4	73	6	15	-	-	6	15	2	9	-	-	-	-	2	9
6:00am	3	33	3	42	5	200	8	242	14	68	1	5	15	73	4	44	2	13	-	-	6	57
7:00am	3	71	6	120	11	712	17	832	14	186	2	4	16	190	17	265	10	38	-	-	27	303
8:00am	6	139	7	194	17	931	24	1,125	11	218	2	2	13	220	14	239	14	56	-	-	28	295
9:00am	6	76	9	114	15	470	24	584	13	207	2	2	15	209	22	376	11	34	-	-	33	410
10:00am	9	120	7	66	12	397	19	463	16	190	2	4	18	194	23	309	14	43	-	-	37	352
11:00am	8	80	7	104	9	259	16	363	14	330	2	4	16	334	25	435	11	38	-	-	36	473
12:00pm	4	54	7	181	8	258	15	439	14	370	2	8	16	378	19	453	12	72	1	39	32	564
1:00pm	6	87	6	169	10	421	16	590	19	384	2	6	21	390	23	535	14	89	-	-	37	624
2:00pm	5	86	8	210	8	402	16	612	12	379	3	13	15	392	19	569	13	132	1	22	33	723
3:00pm	7	126	7	219	10	655	17	874	19	549	3	15	22	564	19	638	21	264	1	36	41	938
4:00pm	6	162	7	218	10	686	17	904	17	461	5	41	22	502	28	847	30	605	2	106	60	1,558
5:00pm	8	245	6	238	9	685	15	923	17	652	5	47	22	699	34	1,341	52	1,187	3	114	89	2,642
6:00pm	8	297	9	292	12	989	21	1,281	17	637	3	33	20	670	25	1,066	37	928	2	78	64	2,072
7:00pm	5	145	7	140	11	605	18	745	18	411	4	45	22	456	24	714	28	609	1	27	53	1,350
8:00pm	6	138	6	123	7	425	13	548	16	326	3	35	19	361	17	385	19	388	1	-	37	773
9:00pm	5	88	7	149	6	214	13	363	13	221	2	9	15	230	14	176	12	191	-	-	26	367
10:00pm	3	52	6	89	6	213	12	302	12	154	2	14	14	168	13	86	11	177	-	-	24	263
11:00pm	2	29	7	115	-	-	7	115	12	131	2	12	14	143	11	90	9	146	-	-	20	236
<b>TOTAL</b>	<b>106</b>	<b>2,055</b>	<b>140</b>	<b>2,957</b>	<b>166</b>	<b>8,522</b>	<b>306</b>	<b>11,479</b>	<b>298</b>	<b>6,101</b>	<b>48</b>	<b>305</b>	<b>346</b>	<b>6,406</b>	<b>364</b>	<b>8,695</b>	<b>331</b>	<b>5,168</b>	<b>12</b>	<b>422</b>	<b>707</b>	<b>14,285</b>

## 60<sup>TH</sup> STREET SECTOR 2012-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.		WCDOT *		ALL	
	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	4	10	10	102	2	8	12	110	2	14	3	8	45	427	11	147	-	-	56	574
1:00am	3	2	9	30	-	-	9	30	-	-	2	1	25	101	3	25	-	-	28	126
2:00am	1	6	3	7	-	-	3	7	-	-	-	-	11	55	-	-	-	-	11	55
3:00am	-	-	2	3	-	-	2	3	-	-	-	-	8	31	-	-	-	-	8	31
4:00am	-	-	3	9	-	-	3	9	-	-	-	-	7	30	-	-	-	-	7	30
5:00am	2	-	2	10	-	-	2	10	-	-	2	9	19	122	-	-	-	-	19	122
6:00am	3	1	7	59	-	-	7	59	2	23	3	3	44	473	3	18	-	-	47	491
7:00am	5	14	12	85	1	-	13	85	6	124	4	50	78	1,627	13	42	-	-	91	1,669
8:00am	9	20	15	121	2	-	17	121	4	81	6	52	89	1,995	18	58	-	-	107	2,053
9:00am	9	22	18	118	2	-	20	118	6	107	6	38	104	1,528	15	36	-	-	119	1,564
10:00am	8	44	19	139	2	-	21	139	5	76	5	29	104	1,370	18	47	-	-	122	1,417
11:00am	8	73	19	212	2	2	21	214	6	77	4	39	100	1,609	15	44	-	-	115	1,653
12:00pm	8	53	11	172	2	12	13	184	7	143	2	41	80	1,725	16	92	1	39	97	1,856
1:00pm	10	61	20	239	2	4	22	243	6	110	3	35	103	2,041	18	99	-	-	121	2,140
2:00pm	9	87	22	328	1	3	23	331	5	132	3	32	91	2,225	17	148	1	22	109	2,395
3:00pm	9	85	20	377	2	17	22	394	8	194	4	73	103	2,916	26	296	1	36	130	3,248
4:00pm	10	110	19	452	3	17	22	469	6	180	4	86	107	3,202	38	663	2	106	147	3,971
5:00pm	9	105	18	511	4	36	22	547	8	294	7	126	116	4,197	61	1,270	3	114	180	5,581
6:00pm	11	156	20	519	1	21	21	540	4	118	5	141	111	4,215	41	982	2	78	154	5,275
7:00pm	10	99	13	321	3	26	16	347	6	151	7	176	101	2,762	35	680	1	27	137	3,469
8:00pm	9	66	17	292	2	23	19	315	4	70	5	52	87	1,877	24	446	1	-	112	2,323
9:00pm	6	47	11	116	2	20	13	136	3	34	4	41	69	1,086	16	220	-	-	85	1,306
10:00pm	7	60	14	223	2	18	16	241	3	38	3	44	67	959	15	209	-	-	82	1,168
11:00pm	6	33	9	99	2	15	11	114	2	18	3	12	52	527	13	173	-	-	65	700
<b>TOTAL</b>	<b>156</b>	<b>1,154</b>	<b>313</b>	<b>4,544</b>	<b>37</b>	<b>222</b>	<b>350</b>	<b>4,766</b>	<b>93</b>	<b>1,984</b>	<b>85</b>	<b>1,088</b>	<b>1,721</b>	<b>37,100</b>	<b>416</b>	<b>5,695</b>	<b>12</b>	<b>422</b>	<b>2,149</b>	<b>43,217</b>

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

SECTION A

BUS TRANSIT BY ROUTE  
BROOKLYN SECTOR 2012-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	11	430	4	85	15	515	11	430	4	85	15	515
6:00am	57	2,068	9	273	66	2,341	57	2,068	9	273	66	2,341
7:00am	106	4,203	22	902	128	5,105	106	4,203	22	902	128	5,105
8:00am	153	6,387	29	893	182	7,280	153	6,387	29	893	182	7,280
9:00am	85	3,107	8	195	93	3,302	85	3,107	8	195	93	3,302
10:00am	24	818	5	61	29	879	24	818	5	61	29	879
11:00am	14	424	3	37	17	461	14	424	3	37	17	461
12:00pm	8	249	3	22	11	271	8	249	3	22	11	271
1:00pm	10	292	3	29	13	321	10	292	3	29	13	321
2:00pm	8	240	2	9	10	249	8	240	2	9	10	249
3:00pm	8	237	3	11	11	248	8	237	3	11	11	248
4:00pm	8	271	1	4	9	275	8	271	1	4	9	275
5:00pm	10	298	-	-	10	298	10	298	-	-	10	298
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
<b>TOTAL</b>	<b>517</b>	<b>19,292</b>	<b>92</b>	<b>2,521</b>	<b>609</b>	<b>21,813</b>	<b>517</b>	<b>19,292</b>	<b>92</b>	<b>2,521</b>	<b>609</b>	<b>21,813</b>

BROOKLYN SECTOR 2012-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	13	410	2	16	15	426	13	410	2	16	15	426
1:00am	5	166	-	-	5	166	5	166	-	-	5	166
2:00am	-	-	-	-	-	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-	-	-	-	-	-
5:00am	-	-	-	-	-	-	-	-	-	-	-	-
6:00am	-	-	-	-	-	-	-	-	-	-	-	-
7:00am	1	17	-	-	1	17	1	17	-	-	1	17
8:00am	5	131	-	-	5	131	5	131	-	-	5	131
9:00am	4	44	-	-	4	44	4	44	-	-	4	44
10:00am	4	44	-	-	4	44	4	44	-	-	4	44
11:00am	6	100	1	3	7	103	6	100	1	3	7	103
12:00pm	4	73	5	13	9	86	4	73	5	13	9	86
1:00pm	10	305	4	14	14	319	10	305	4	14	14	319
2:00pm	17	542	3	27	20	569	17	542	3	27	20	569
3:00pm	34	1,121	10	102	44	1,223	34	1,121	10	102	44	1,223
4:00pm	74	2,482	16	258	90	2,740	74	2,482	16	258	90	2,740
5:00pm	116	4,205	20	455	136	4,660	116	4,205	20	455	136	4,660
6:00pm	115	3,939	18	417	133	4,356	115	3,939	18	417	133	4,356
7:00pm	53	1,747	9	167	62	1,914	53	1,747	9	167	62	1,914
8:00pm	34	1,066	8	126	42	1,192	34	1,066	8	126	42	1,192
9:00pm	24	772	3	37	27	809	24	772	3	37	27	809
10:00pm	15	509	2	20	17	529	15	509	2	20	17	529
11:00pm	15	496	3	26	18	522	15	496	3	26	18	522
<b>TOTAL</b>	<b>549</b>	<b>18,169</b>	<b>104</b>	<b>1,681</b>	<b>653</b>	<b>19,850</b>	<b>549</b>	<b>18,169</b>	<b>104</b>	<b>1,681</b>	<b>653</b>	<b>19,850</b>

See the notes on page III-1

# SECTION A

## BUS TRANSIT BY ROUTE QUEENS SECTOR 2012-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	14	2	3	5	17	-	-	-	-	-	-	3	14	2	3	5	17
1:00am	3	11	2	2	5	13	-	-	-	-	-	-	3	11	2	2	5	13
2:00am	-	-	2	1	2	1	-	-	-	-	-	-	-	-	2	1	2	1
3:00am	-	-	1	7	1	7	-	-	-	-	-	-	-	-	1	7	1	7
4:00am	-	-	2	12	2	12	-	-	-	-	-	-	-	-	2	12	2	12
5:00am	-	-	4	39	4	39	-	-	1	25	1	25	-	-	5	64	5	64
6:00am	3	52	4	50	7	102	-	-	38	1,264	38	1,264	3	52	42	1,314	45	1,366
7:00am	4	67	4	72	8	139	8	298	94	3,251	102	3,549	12	365	98	3,323	110	3,688
8:00am	7	163	6	76	13	239	11	426	112	3,770	123	4,196	18	589	118	3,846	136	4,435
9:00am	5	76	7	76	12	152	7	160	39	898	46	1,058	12	236	46	974	58	1,210
10:00am	6	84	7	46	13	130	-	-	15	241	15	241	6	84	22	287	28	371
11:00am	8	138	5	49	13	187	-	-	9	121	9	121	8	138	14	170	22	308
12:00pm	5	60	6	41	11	101	-	-	10	37	10	37	5	60	16	78	21	138
1:00pm	4	78	5	22	9	100	-	-	9	54	9	54	4	78	14	76	18	154
2:00pm	7	106	5	31	12	137	-	-	9	41	9	41	7	106	14	72	21	178
3:00pm	6	73	7	28	13	101	-	-	7	28	7	28	6	73	14	56	20	129
4:00pm	6	61	6	34	12	95	-	-	9	31	9	31	6	61	15	65	21	126
5:00pm	6	53	6	19	12	72	-	-	7	22	7	22	6	53	13	41	19	94
6:00pm	6	43	6	9	12	52	-	-	5	5	5	5	6	43	11	14	17	57
7:00pm	6	25	9	20	15	45	-	-	6	5	6	5	6	25	15	25	21	50
8:00pm	4	12	3	2	7	14	-	-	4	4	4	4	4	12	7	6	11	18
9:00pm	5	23	4	13	9	36	-	-	4	4	4	4	5	23	8	17	13	40
10:00pm	3	18	3	12	6	30	-	-	6	4	6	4	3	18	9	16	12	34
11:00pm	3	25	2	5	5	30	-	-	4	3	4	3	3	25	6	8	9	33
<b>TOTAL</b>	<b>100</b>	<b>1,182</b>	<b>108</b>	<b>669</b>	<b>208</b>	<b>1,851</b>	<b>26</b>	<b>884</b>	<b>388</b>	<b>9,808</b>	<b>414</b>	<b>10,692</b>	<b>126</b>	<b>2,066</b>	<b>496</b>	<b>10,477</b>	<b>622</b>	<b>12,543</b>

## QUEENS SECTOR 2012-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		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	2	68	-	-	2	41	4	33	8	142	-	-	-	-	2	68	6	74	8	142
1:00am	2	55	-	-	2	29	-	-	4	84	-	-	-	-	2	55	2	29	4	84
2:00am	-	-	-	-	2	13	-	-	2	13	-	-	-	-	-	-	2	13	2	13
3:00am	-	-	-	-	2	5	-	-	2	5	-	-	-	-	-	-	2	5	2	5
4:00am	1	1	-	-	2	9	-	-	3	10	-	-	-	-	1	1	2	9	3	10
5:00am	1	2	-	-	2	5	-	-	3	7	-	-	-	-	1	2	2	5	3	7
6:00am	2	12	-	-	4	14	-	-	6	26	-	-	-	-	2	12	4	14	6	26
7:00am	3	20	-	-	4	24	-	-	7	44	-	-	-	-	3	20	4	24	7	44
8:00am	4	18	-	-	7	24	3	18	14	60	-	-	-	-	4	18	10	42	14	60
9:00am	5	22	-	-	6	27	9	12	20	61	-	-	-	-	5	22	15	39	20	61
10:00am	8	44	-	-	7	29	8	8	23	81	-	-	-	-	8	44	15	37	23	81
11:00am	5	44	-	-	6	30	10	29	21	103	1	1	1	1	5	44	17	60	22	104
12:00pm	6	78	-	-	6	42	7	26	19	146	-	-	-	-	6	78	13	68	19	146
1:00pm	3	69	-	-	6	65	10	63	19	197	1	3	1	3	3	69	17	131	20	200
2:00pm	8	155	-	-	4	76	9	90	21	321	2	9	2	9	8	155	15	175	23	330
3:00pm	5	163	-	-	4	92	13	245	22	500	3	52	3	52	5	163	20	389	25	552
4:00pm	5	149	4	111	7	128	34	572	50	960	8	186	8	186	9	260	49	886	58	1,146
5:00pm	7	237	11	315	5	130	74	1,881	97	2,563	17	530	17	530	18	552	96	2,541	114	3,093
6:00pm	7	220	8	278	6	132	56	1,484	77	2,114	12	274	12	274	15	498	74	1,890	89	2,388
7:00pm	5	154	2	77	7	124	29	727	43	1,082	8	156	8	156	7	231	44	1,007	51	1,238
8:00pm	8	149	-	-	5	63	9	220	22	432	1	13	1	13	8	149	15	296	23	445
9:00pm	5	135	-	-	4	39	7	149	16	323	1	11	1	11	5	135	12	199	17	334
10:00pm	4	95	-	-	3	42	7	124	14	261	1	13	1	13	4	95	11	179	15	274
11:00pm	4	104	-	-	3	60	5	74	12	238	1	2	1	2	4	104	9	136	13	240
<b>TOTAL</b>	<b>100</b>	<b>1,994</b>	<b>25</b>	<b>781</b>	<b>106</b>	<b>1,243</b>	<b>294</b>	<b>5,755</b>	<b>525</b>	<b>9,773</b>	<b>56</b>	<b>1,250</b>	<b>56</b>	<b>1,250</b>	<b>125</b>	<b>2,775</b>	<b>456</b>	<b>8,248</b>	<b>581</b>	<b>11,023</b>

See the notes on page III-1

SECTION A

BUS TRANSIT BY ROUTE  
NEW JERSEY SECTOR 2012-INBOUND

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	13	155	58	689	71	844
1:00am	7	116	27	446	34	562
2:00am	5	103	9	186	14	289
3:00am	3	90	14	422	17	512
4:00am	7	250	20	701	27	951
5:00am	19	708	175	6,651	194	7,359
6:00am	66	2,385	476	18,518	542	20,903
7:00am	60	2,018	817	31,027	877	33,045
8:00am	71	2,399	922	32,653	993	35,052
9:00am	44	1,369	655	20,133	699	21,502
10:00am	31	893	285	7,860	316	8,753
11:00am	18	437	230	5,585	248	6,022
12:00pm	17	367	182	3,933	199	4,300
1:00pm	24	446	218	4,052	242	4,498
2:00pm	24	394	279	4,582	303	4,976
3:00pm	57	847	425	6,315	482	7,162
4:00pm	111	2,362	530	7,160	641	9,522
5:00pm	80	1,860	357	4,829	437	6,689
6:00pm	56	1,318	281	3,881	337	5,199
7:00pm	21	353	297	4,406	318	4,759
8:00pm	15	207	206	2,837	221	3,044
9:00pm	12	148	173	2,130	185	2,278
10:00pm	13	133	128	1,306	141	1,439
11:00pm	7	85	109	1,329	116	1,414
<b>TOTAL</b>	781	19,443	6,873	171,631	7,654	191,074

NEW JERSEY SECTOR 2012-OUTBOUND

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	0	0	33	781	33	781
1:00am	21	400	42	799	63	1,199
2:00am	3	53	5	80	8	133
3:00am	1	14	6	87	7	101
4:00am	0	5	1	16	1	21
5:00am	2	27	0	0	2	27
6:00am	34	379	259	2,914	293	3,293
7:00am	44	506	610	7,072	654	7,578
8:00am	68	877	667	8,671	735	9,548
9:00am	55	815	673	9,886	728	10,701
10:00am	37	630	325	5,471	362	6,101
11:00am	13	241	203	3,732	216	3,973
12:00pm	5	83	198	4,112	203	4,195
1:00pm	7	149	156	3,856	163	4,005
2:00pm	11	305	192	5,812	203	6,117
3:00pm	28	960	293	10,650	321	11,610
4:00pm	48	1,702	371	14,936	419	16,638
5:00pm	50	1,807	651	27,197	701	29,004
6:00pm	49	1,708	448	17,665	497	19,373
7:00pm	18	536	504	18,131	522	18,667
8:00pm	26	696	336	10,927	362	11,623
9:00pm	8	222	243	7,556	251	7,778
10:00pm	9	270	170	4,869	179	5,139
11:00pm	4	114	178	4,688	182	4,802
<b>TOTAL</b>	541	12,499	6,564	169,908	7,105	182,407

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**  
**2012**

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	7	-	-	-	-	-	-	-	-	-	71	844	73	851	
1:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	34	562	34	562	
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	14	289	14	289	
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	17	512	17	512	
4:00am	-	-	-	-	-	-	1	27	-	-	-	-	-	27	951	28	978	
5:00am	9	117	8	233	2	47	11	430	4	85	-	-	1	25	194	7,359	229	8,296
6:00am	15	424	43	1,173	3	50	57	2,068	9	273	-	-	38	1,264	542	20,903	707	26,155
7:00am	16	1,123	69	2,002	3	115	106	4,203	22	902	8	298	94	3,251	877	33,045	1,195	44,939
8:00am	16	1,222	46	1,059	1	19	153	6,387	29	893	11	426	112	3,770	993	35,052	1,361	48,828
9:00am	10	568	26	422	1	22	85	3,107	8	195	7	160	39	898	699	21,502	875	26,874
10:00am	10	363	19	292	1	4	24	818	5	61	-	-	15	241	316	8,753	390	10,532
11:00am	9	262	17	269	-	-	14	424	3	37	-	-	9	121	248	6,022	300	7,135
12:00pm	9	310	17	206	1	-	8	249	3	22	-	-	10	37	199	4,300	247	5,124
1:00pm	9	294	15	160	-	-	10	292	3	29	-	-	9	54	242	4,498	288	5,327
2:00pm	10	354	18	191	-	-	8	240	2	9	-	-	9	41	303	4,976	350	5,811
3:00pm	7	329	16	124	-	-	8	237	3	11	-	-	7	28	482	7,162	523	7,891
4:00pm	13	666	17	147	-	-	8	271	1	4	-	-	9	31	641	9,522	689	10,641
5:00pm	9	378	16	107	-	-	10	298	-	-	-	-	7	22	437	6,689	479	7,494
6:00pm	8	403	15	89	-	-	4	57	-	-	-	-	5	5	337	5,199	369	5,753
7:00pm	6	270	14	56	-	-	2	30	-	-	-	-	6	5	318	4,759	346	5,120
8:00pm	7	256	12	42	-	-	2	39	-	-	-	-	4	4	221	3,044	246	3,385
9:00pm	5	150	13	48	-	-	3	49	-	-	-	-	4	4	185	2,278	210	2,529
10:00pm	2	46	12	62	-	-	2	53	-	-	-	-	6	4	141	1,439	163	1,604
11:00pm	-	-	10	35	-	-	1	13	-	-	-	-	4	3	116	1,414	131	1,465
<b>TOTAL</b>	<b>170</b>	<b>7,535</b>	<b>405</b>	<b>6,724</b>	<b>12</b>	<b>257</b>	<b>517</b>	<b>19,292</b>	<b>92</b>	<b>2,521</b>	<b>26</b>	<b>884</b>	<b>388</b>	<b>9,808</b>	<b>7,654</b>	<b>191,074</b>	<b>9,264</b>	<b>238,095</b>

**EXPRESS BUS RIDERSHIP BY SECTOR AND OPERATOR**  
**OUTBOUND EXPRESS ONLY**  
**2012**

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	-	-	11	147	-	-	13	410	2	16	-	-	4	33	33	781	63	1,387
1:00am	-	-	3	25	-	-	5	166	-	-	-	-	-	-	63	1,199	71	1,390
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	133	8	133
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	101	7	101
4:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	21	1	21
5:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	27	2	27
6:00am	5	200	3	18	-	-	-	-	-	-	-	-	-	-	293	3,293	301	3,511
7:00am	11	712	13	42	-	-	1	17	-	-	-	-	-	-	654	7,578	679	8,349
8:00am	17	931	18	58	-	-	5	131	-	-	-	-	3	18	735	9,548	778	10,686
9:00am	15	470	15	36	-	-	4	44	-	-	-	-	9	12	728	10,701	771	11,263
10:00am	12	397	18	47	-	-	4	44	-	-	-	-	8	8	362	6,101	404	6,597
11:00am	9	259	15	44	-	-	6	100	1	3	-	-	11	30	216	3,973	258	4,409
12:00pm	8	258	16	92	1	39	4	73	5	13	-	-	7	26	203	4,195	244	4,696
1:00pm	10	421	18	99	-	-	10	305	4	14	-	-	11	66	163	4,005	216	4,910
2:00pm	8	402	17	148	1	22	17	542	3	27	-	-	11	99	203	6,117	260	7,357
3:00pm	10	655	26	296	1	36	34	1,121	10	102	-	-	16	297	321	11,610	418	14,117
4:00pm	10	686	38	663	2	106	74	2,482	16	258	4	111	42	758	419	16,638	605	21,702
5:00pm	9	685	61	1,270	3	114	116	4,205	20	455	11	315	91	2,411	701	29,004	1,012	38,459
6:00pm	12	989	41	982	2	78	115	3,939	18	417	8	278	68	1,758	497	19,373	761	27,814
7:00pm	11	605	35	680	1	27	53	1,747	9	167	2	77	37	883	522	18,667	670	22,853
8:00pm	7	425	24	446	1	-	34	1,066	8	126	-	-	10	233	362	11,623	446	13,919
9:00pm	6	214	16	220	-	-	24	772	3	37	-	-	8	160	251	7,778	308	9,181
10:00pm	6	213	15	209	-	-	15	509	2	20	-	-	8	137	179	5,139	225	6,227
11:00pm	-	-	13	173	-	-	15	496	3	26	-	-	6	76	182	4,802	219	5,573
<b>TOTAL</b>	<b>166</b>	<b>8,522</b>	<b>416</b>	<b>5,695</b>	<b>12</b>	<b>422</b>	<b>549</b>	<b>18,169</b>	<b>104</b>	<b>1,681</b>	<b>25</b>	<b>781</b>	<b>350</b>	<b>7,005</b>	<b>7,105</b>	<b>182,407</b>	<b>8,727</b>	<b>224,682</b>

Notes:

- Majority of buses crossing at the 60<sup>th</sup> Street, Brooklyn, and Queens sectors, belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- Buses crossing NJ Sector were counted at the toll facilities which include all the buses.
- 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**  
**2012**

Route	Daily	12am-6am	6am-9am	9am-4pm	4pm-7pm	7pm-12am
BM1	1,299	25	557	193	380	144
BM2	1,025	34	450	123	283	135
BM3	1,032	16	586	95	255	80
BM4	846	26	475	112	216	17
BM5	562	25	175	71	193	98
BxM1	1,157	42	480	328	169	138
BxM10	1,535	12	548	302	459	214
BxM11	911	40	337	177	199	158
BxM18	283	0	181	0	68	34
BxM2	531	8	154	158	100	111
BxM3	606	12	216	113	158	107
BXM4	348	0	131	59	106	52
BxM6	675	14	243	113	168	137
BXM7	2,882	171	853	540	801	517
BxM8	1,399	28	424	222	491	234
BxM9	2,092	85	785	414	539	269
QM1	736	0	355	119	262	0
QM10	402	0	205	23	161	13
QM11	485	0	256	56	156	17
QM12	539	0	337	40	142	20
QM15	1,369	0	647	236	327	159
QM16	436	0	225	0	192	19
QM17	360	0	160	0	178	22
QM18	220	0	121	14	85	0
QM2	2,364	10	1106	356	604	288
QM20	1,564	0	763	225	385	191
QM21	391	0	194	16	113	68
QM24	1,144	0	651	102	360	31
QM25	305	0	168	19	108	10
QM3	142	0	77	0	65	0
QM4	838	12	414	115	224	73
QM5	2,182	7	954	320	572	329
QM6	1,167	4	581	156	325	101
QM7	952	0	610	90	220	32
QM8	655	0	304	0	313	38
<b>Total</b>	<b>33,434</b>	<b>571</b>	<b>14,723</b>	<b>4,907</b>	<b>9,377</b>	<b>3,856</b>



## SECTION B

### SUBWAY BY SECTOR SUMMARY, 2012-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	25	234	3,232	38	346	2,063	14	142	1,269	5	37	283	82	759	6,847
1:00am	23	218	787	27	246	963	12	123	580	4	30	163	66	617	2,493
2:00am	21	198	522	25	226	423	12	123	592	3	23	143	61	570	1,680
3:00am	20	188	1,208	28	256	1,010	12	123	829	3	22	89	63	589	3,136
4:00am	25	238	3,674	28	256	3,933	12	123	2,882	4	30	231	69	647	10,720
5:00am	37	350	15,224	38	340	14,616	20	199	11,145	6	45	834	101	934	41,819
6:00am	68	636	36,279	87	772	43,180	55	540	29,192	25	189	5,459	235	2,137	114,110
7:00am	95	896	82,811	127	1,132	97,351	76	754	62,633	42	316	13,874	340	3,098	256,669
8:00am	114	1,082	120,193	157	1,398	150,227	88	868	89,028	48	360	27,043	407	3,708	386,491
9:00am	92	862	68,412	127	1,142	91,479	68	673	52,964	33	248	21,324	320	2,925	234,179
10:00am	85	798	39,729	106	950	46,584	55	539	30,780	21	156	6,699	267	2,443	123,792
11:00am	80	754	34,307	104	934	36,183	50	486	22,040	21	156	4,174	255	2,330	96,704
12:00pm	80	752	33,406	103	926	30,892	49	476	17,528	21	156	3,543	253	2,310	85,369
1:00pm	82	768	34,327	102	912	29,262	50	486	17,368	20	148	3,113	254	2,314	84,070
2:00pm	79	740	37,716	109	980	30,324	53	518	18,895	22	164	2,972	263	2,402	89,907
3:00pm	88	826	49,338	110	982	33,402	58	566	20,819	24	180	3,010	280	2,554	106,569
4:00pm	110	1,028	54,367	128	1,144	34,640	73	712	22,218	36	271	4,513	347	3,155	115,738
5:00pm	105	978	57,992	125	1,120	36,871	77	766	24,266	45	338	7,810	352	3,202	126,939
6:00pm	84	782	45,282	121	1,088	28,948	70	692	16,908	36	270	6,209	311	2,832	97,347
7:00pm	72	672	29,591	114	1,028	18,388	64	628	10,375	23	172	3,187	273	2,500	61,541
8:00pm	71	660	22,547	104	930	13,540	56	546	6,742	23	172	1,695	254	2,308	44,524
9:00pm	64	596	16,229	84	738	9,895	48	470	5,714	19	143	1,233	215	1,947	33,071
10:00pm	43	398	11,766	71	634	7,892	42	408	4,404	16	120	1,079	172	1,560	25,141
11:00pm	31	292	8,395	53	484	5,152	27	275	2,662	9	67	654	120	1,118	16,863
<b>TOTAL</b>	<b>1,594</b>	<b>14,946</b>	<b>807,334</b>	<b>2,116</b>	<b>18,964</b>	<b>767,218</b>	<b>1,141</b>	<b>11,236</b>	<b>471,833</b>	<b>509</b>	<b>3,813</b>	<b>119,334</b>	<b>5,360</b>	<b>48,959</b>	<b>2,165,719</b>

6 - III



SECTION B

SUBWAY BY SECTOR  
SUMMARY, 2012-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	6,131	37	332	7,041	20	206	7,310	6	44	1,191	92	856	21,673
1:00am	23	214	2,208	29	264	1,917	12	123	1,500	4	30	516	68	631	6,141
2:00am	21	198	1,130	25	228	723	12	123	518	3	23	312	61	572	2,683
3:00am	22	208	1,250	28	252	999	12	123	817	3	22	175	65	605	3,241
4:00am	21	198	1,975	28	258	1,394	13	134	1,310	4	30	222	66	620	4,901
5:00am	25	238	6,140	40	370	3,434	16	163	2,848	4	31	388	85	802	12,810
6:00am	44	410	20,117	81	732	10,617	43	425	8,310	21	159	1,535	189	1,726	40,579
7:00am	78	720	47,238	118	1,062	22,728	64	642	15,655	38	286	3,805	298	2,710	89,426
8:00am	105	968	51,686	147	1,320	26,960	79	786	17,865	46	345	6,724	377	3,419	103,235
9:00am	117	1,100	34,018	132	1,182	19,975	73	726	12,102	35	261	3,189	357	3,269	69,284
10:00am	90	844	27,308	115	1,034	16,043	57	559	9,471	22	164	1,476	284	2,601	54,298
11:00am	85	800	26,252	101	904	17,052	52	504	10,192	21	156	1,531	259	2,364	55,027
12:00pm	79	742	29,736	101	908	22,334	50	488	13,134	21	156	1,886	251	2,294	67,090
1:00pm	80	752	32,988	104	936	26,350	50	486	15,461	21	156	2,203	255	2,330	77,002
2:00pm	81	758	40,041	105	936	32,712	52	508	20,798	21	156	2,753	259	2,358	96,304
3:00pm	81	758	51,342	104	926	48,851	56	548	32,580	23	172	4,848	264	2,404	137,621
4:00pm	87	816	60,590	128	1,150	69,887	66	648	46,128	35	265	9,416	316	2,879	186,021
5:00pm	106	1,000	92,174	150	1,334	106,832	82	813	70,221	47	354	21,723	385	3,501	290,950
6:00pm	91	858	80,878	119	1,062	98,779	71	699	60,932	41	307	18,666	322	2,926	259,255
7:00pm	92	868	53,020	114	1,020	69,423	67	659	40,945	24	180	10,653	297	2,727	174,041
8:00pm	76	710	40,350	97	864	50,521	60	586	30,782	23	172	7,109	256	2,332	128,762
9:00pm	68	636	32,545	92	810	39,156	51	495	24,310	22	165	5,660	233	2,106	101,671
10:00pm	56	522	25,290	76	676	29,203	46	448	19,571	16	120	3,607	194	1,766	77,671
11:00pm	45	428	17,922	52	470	21,282	37	359	15,828	10	74	2,301	144	1,331	57,333
<b>TOTAL</b>	<b>1,602</b>	<b>15,020</b>	<b>782,329</b>	<b>2,123</b>	<b>19,030</b>	<b>744,213</b>	<b>1,141</b>	<b>11,251</b>	<b>478,588</b>	<b>511</b>	<b>3,828</b>	<b>111,889</b>	<b>5,377</b>	<b>49,129</b>	<b>2,117,019</b>

## SECTION B

### SUBWAY BY SECTOR MTA NYC TRANSIT SUMMARY, 2012-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	25	234	3,232	38	346	2,063	14	142	1,269	77	722	6,564
1:00am	23	218	787	27	246	963	12	123	580	62	587	2,330
2:00am	21	198	522	25	226	423	12	123	592	58	547	1,537
3:00am	20	188	1,208	28	256	1,010	12	123	829	60	567	3,047
4:00am	25	238	3,674	28	256	3,933	12	123	2,882	65	617	10,489
5:00am	37	350	15,224	38	340	14,616	20	199	11,145	95	889	40,985
6:00am	68	636	36,279	87	772	43,180	55	540	29,192	210	1,948	108,651
7:00am	95	896	82,811	127	1,132	97,351	76	754	62,633	298	2,782	242,795
8:00am	114	1,082	120,193	157	1,398	150,227	88	868	89,028	359	3,348	359,448
9:00am	92	862	68,412	127	1,142	91,479	68	673	52,964	287	2,677	212,855
10:00am	85	798	39,729	106	950	46,584	55	539	30,780	246	2,287	117,093
11:00am	80	754	34,307	104	934	36,183	50	486	22,040	234	2,174	92,530
12:00pm	80	752	33,406	103	926	30,892	49	476	17,528	232	2,154	81,826
1:00pm	82	768	34,327	102	912	29,262	50	486	17,368	234	2,166	80,957
2:00pm	79	740	37,716	109	980	30,324	53	518	18,895	241	2,238	86,935
3:00pm	88	826	49,338	110	982	33,402	58	566	20,819	256	2,374	103,559
4:00pm	110	1,028	54,367	128	1,144	34,640	73	712	22,218	311	2,884	111,225
5:00pm	105	978	57,992	125	1,120	36,871	77	766	24,266	307	2,864	119,129
6:00pm	84	782	45,282	121	1,088	28,948	70	692	16,908	275	2,562	91,138
7:00pm	72	672	29,591	114	1,028	18,388	64	628	10,375	250	2,328	58,354
8:00pm	71	660	22,547	104	930	13,540	56	546	6,742	231	2,136	42,829
9:00pm	64	596	16,229	84	738	9,895	48	470	5,714	196	1,804	31,838
10:00pm	43	398	11,766	71	634	7,892	42	408	4,404	156	1,440	24,062
11:00pm	31	292	8,395	53	484	5,152	27	275	2,662	111	1,051	16,209
<b>TOTAL</b>	<b>1,594</b>	<b>14,946</b>	<b>807,334</b>	<b>2,116</b>	<b>18,964</b>	<b>767,218</b>	<b>1,141</b>	<b>11,236</b>	<b>471,833</b>	<b>4,851</b>	<b>45,146</b>	<b>2,046,385</b>

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SECTION B

SUBWAY BY SECTOR  
MTA NYC TRANSIT SUMMARY, 2012-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	6,131	37	332	7,041	20	206	7,310	86	812	20,482
1:00am	23	214	2,208	29	264	1,917	12	123	1,500	64	601	5,625
2:00am	21	198	1,130	25	228	723	12	123	518	58	549	2,371
3:00am	22	208	1,250	28	252	999	12	123	817	62	583	3,066
4:00am	21	198	1,975	28	258	1,394	13	134	1,310	62	590	4,679
5:00am	25	238	6,140	40	370	3,434	16	163	2,848	81	771	12,422
6:00am	44	410	20,117	81	732	10,617	43	425	8,310	168	1,567	39,044
7:00am	78	720	47,238	118	1,062	22,728	64	642	15,655	260	2,424	85,621
8:00am	105	968	51,686	147	1,320	26,960	79	786	17,865	331	3,074	96,511
9:00am	117	1,100	34,018	132	1,182	19,975	73	726	12,102	322	3,008	66,095
10:00am	90	844	27,308	115	1,034	16,043	57	559	9,471	262	2,437	52,822
11:00am	85	800	26,252	101	904	17,052	52	504	10,192	238	2,208	53,496
12:00pm	79	742	29,736	101	908	22,334	50	488	13,134	230	2,138	65,204
1:00pm	80	752	32,988	104	936	26,350	50	486	15,461	234	2,174	74,799
2:00pm	81	758	40,041	105	936	32,712	52	508	20,798	238	2,202	93,551
3:00pm	81	758	51,342	104	926	48,851	56	548	32,580	241	2,232	132,773
4:00pm	87	816	60,590	128	1,150	69,887	66	648	46,128	281	2,614	176,605
5:00pm	106	1,000	92,174	150	1,334	106,832	82	813	70,221	338	3,147	269,227
6:00pm	91	858	80,878	119	1,062	98,779	71	699	60,932	281	2,619	240,589
7:00pm	92	868	53,020	114	1,020	69,423	67	659	40,945	273	2,547	163,388
8:00pm	76	710	40,350	97	864	50,521	60	586	30,782	233	2,160	121,653
9:00pm	68	636	32,545	92	810	39,156	51	495	24,310	211	1,941	96,011
10:00pm	56	522	25,290	76	676	29,203	46	448	19,571	178	1,646	74,064
11:00pm	45	428	17,922	52	470	21,282	37	359	15,828	134	1,257	55,032
<b>TOTAL</b>	<b>1,602</b>	<b>15,020</b>	<b>782,329</b>	<b>2,123</b>	<b>19,030</b>	<b>744,213</b>	<b>1,141</b>	<b>11,251</b>	<b>478,588</b>	<b>4,866</b>	<b>45,301</b>	<b>2,005,130</b>

## SECTION B

### SUBWAY BY LOCATION 60<sup>TH</sup> STREET SECTOR, 2012-INBOUND

HOURS	LEXINGTON AVE EXPRESS			LEXINGTON AVE LOCAL			8TH AVENUE EXPRESS			8TH AVENUE LOCAL			B'WAY/7TH AVE EXPRESS			B'WAY/7TH AVE LOCAL			TOTAL		
	86 ST. - LEXINGTON AVE VIA 4, 5 LINES (Express)			68TH ST./LEXINGTON AVE VIA 4*, 6 LINES (Local)			125 ST./NICHOLAS ST VIA A*, D LINES (Express)			72 ST./CENT. PK WEST VIA A, B, C LINES (Local)			72 ND ST./BROADWAY VIA 2, 3, LINES (Express)			66TH ST./BROADWAY VIA 1, 2 LINES (Local)			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	127	5	50	1,026	4	32	227	4	32	388	4	40	758	7	70	706	25	234	3,232
1:00am	0	0	0	8	80	400	3	24	81	3	24	95	3	30	108	6	60	103	23	218	787
2:00am	0	0	0	7	70	257	3	24	34	3	24	45	3	30	88	5	50	98	21	198	522
3:00am	0	0	0	4	40	558	3	24	183	3	24	175	4	40	151	6	60	141	20	188	1,208
4:00am	0	0	0	9	90	1,851	3	24	567	3	24	590	3	30	332	7	70	334	25	238	3,674
5:00am	7	70	4,525	5	50	2,916	6	48	2,307	4	32	1,951	9	90	2,352	6	60	1,173	37	350	15,224
6:00am	16	160	12,680	11	110	4,554	13	104	8,414	9	72	1,490	12	120	6,214	7	70	2,927	68	636	36,279
7:00am	23	230	23,408	14	140	13,142	15	120	18,430	12	96	4,284	18	180	15,030	13	130	8,517	95	896	82,811
8:00am	23	230	25,795	22	220	24,331	17	136	22,049	12	96	8,932	23	230	22,917	17	170	16,169	114	1,082	120,193
9:00am	19	190	13,422	14	140	13,206	15	120	11,655	14	112	5,921	18	180	13,869	12	120	10,339	92	862	68,412
10:00am	16	160	8,537	14	140	7,669	14	112	7,251	12	96	2,910	16	160	7,682	13	130	5,680	85	798	39,729
11:00am	15	150	7,336	16	160	7,064	12	96	6,200	11	88	2,503	15	150	6,441	11	110	4,763	80	754	34,307
12:00pm	16	160	6,989	15	150	7,427	12	96	5,677	12	96	2,662	15	150	6,035	10	100	4,616	80	752	33,406
1:00pm	15	150	7,415	15	150	7,474	14	112	5,833	12	96	2,631	15	150	6,110	11	110	4,864	82	768	34,327
2:00pm	14	140	8,109	15	150	8,501	14	112	6,089	11	88	3,138	15	150	6,395	10	100	5,484	79	740	37,716
3:00pm	22	220	10,784	14	140	11,601	14	112	7,569	13	104	4,345	14	140	8,200	11	110	6,839	88	826	49,338
4:00pm	23	230	11,069	20	200	13,243	22	176	8,024	14	112	5,385	17	170	9,298	14	140	7,348	110	1,028	54,367
5:00pm	19	190	11,144	19	190	14,486	22	176	8,485	14	112	5,537	17	170	9,881	14	140	8,459	105	978	57,992
6:00pm	16	160	8,510	15	150	11,263	16	128	5,994	13	104	4,669	12	120	7,824	12	120	7,022	84	782	45,282
7:00pm	14	140	5,083	12	120	7,601	13	104	3,976	11	88	2,442	11	110	5,534	11	110	4,955	72	672	29,591
8:00pm	12	120	4,825	11	110	5,566	13	104	2,868	12	96	1,752	11	110	4,084	12	120	3,452	71	660	22,547
9:00pm	13	130	2,375	10	100	3,833	11	88	2,592	11	88	1,080	11	110	3,342	8	80	3,007	64	596	16,229
10:00pm	6	60	2,196	7	70	2,736	8	64	977	8	64	1,360	9	90	2,036	5	50	2,461	43	398	11,766
11:00pm	5	50	1,687	6	60	1,888	4	32	526	5	40	1,130	7	70	1,595	4	40	1,569	31	292	8,395
<b>TOTAL</b>	<b>295</b>	<b>2,950</b>	<b>176,016</b>	<b>288</b>	<b>2,880</b>	<b>172,593</b>	<b>271</b>	<b>2,168</b>	<b>136,008</b>	<b>226</b>	<b>1,808</b>	<b>65,415</b>	<b>282</b>	<b>2,820</b>	<b>146,276</b>	<b>232</b>	<b>2,320</b>	<b>111,026</b>	<b>1,594</b>	<b>14,946</b>	<b>807,334</b>

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

SECTION B

SUBWAY BY LOCATION  
60<sup>TH</sup> STREET SECTOR, 2012-OUTBOUND

HOURS	59TH ST./LEXINGTON AVE VIA 4 EXPRESS & LOCAL* & 5 EXPRESS			LEXINGTON AVE LOCAL 59TH ST./LEXINGTON AVE VIA 6 (Local)			8TH AVE EXPR/LOCAL 59TH ST./COLUMBUS CIRCLE VIA A (Exp./Loc), D (Express)			8TH AVENUE LOCAL 59TH ST./COLUMBUS CIRCLE VIA B, C LINES (Local)			TIMES SQUARE EXPRESS VIA 2, 3,LINES			59TH ST./COLUMBUS CIRCLE VIA 2*, 1 LINES - Local			TOTAL 60TH STREET SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	40	1,870	7	70	672	8	64	1,408	0	0	0	6	60	797	4	40	1,384	29	274	6,131
1:00am	1	10	495	5	50	151	8	64	724	0	0	0	3	30	37	6	60	801	23	214	2,208
2:00am	3	30	369	3	30	124	6	48	220	0	0	0	3	30	24	6	60	393	21	198	1,130
3:00am	3	30	348	4	40	188	6	48	311	0	0	0	3	30	52	6	60	351	22	208	1,250
4:00am	3	30	391	3	30	433	6	48	558	0	0	0	3	30	199	6	60	394	21	198	1,975
5:00am	4	40	1,805	4	40	1,394	6	48	1,266	0	0	0	3	30	268	8	80	1,407	25	238	6,140
6:00am	9	90	4,484	7	70	5,916	11	88	3,709	4	32	445	8	80	2,928	5	50	2,635	44	410	20,117
7:00am	13	130	12,192	12	120	10,853	16	128	5,763	14	112	3,746	14	140	8,620	9	90	6,064	78	720	47,238
8:00am	22	220	9,796	12	120	14,789	25	200	6,238	16	128	4,173	16	160	8,981	14	140	7,709	105	968	51,686
9:00am	24	240	5,488	24	240	10,552	20	160	3,957	15	120	2,790	17	170	6,169	17	170	5,062	117	1,100	34,018
10:00am	20	200	4,723	14	140	8,047	15	120	3,590	13	104	2,300	15	150	4,940	13	130	3,708	90	844	27,308
11:00am	17	170	4,321	14	140	7,326	14	112	3,584	11	88	2,431	16	160	4,629	13	130	3,961	85	800	26,252
12:00pm	14	140	5,606	16	160	7,339	12	96	4,505	12	96	2,490	16	160	5,184	9	90	4,612	79	742	29,736
1:00pm	15	150	5,783	14	140	8,157	12	96	5,210	12	96	2,890	16	160	5,963	11	110	4,985	80	752	32,988
2:00pm	16	160	9,624	16	160	8,048	14	112	7,304	12	96	2,438	13	130	6,839	10	100	5,788	81	758	40,041
3:00pm	15	150	12,433	15	150	10,271	14	112	8,554	12	96	4,354	15	150	8,191	10	100	7,539	81	758	51,342
4:00pm	15	150	15,010	16	160	10,980	15	120	11,403	12	96	4,618	17	170	9,955	12	120	8,624	87	816	60,590
5:00pm	24	240	24,757	19	190	16,566	18	144	15,749	12	96	7,222	19	190	15,035	14	140	12,845	106	1,000	92,174
6:00pm	19	190	18,068	18	180	15,909	14	112	13,679	12	96	6,646	15	150	15,223	13	130	11,353	91	858	80,878
7:00pm	23	230	12,590	14	140	9,223	14	112	9,230	12	96	4,425	17	170	9,804	12	120	7,748	92	868	53,020
8:00pm	15	150	8,124	12	120	7,964	13	104	8,181	12	96	3,079	12	120	7,145	12	120	5,857	76	710	40,350
9:00pm	13	130	6,361	11	110	6,320	11	88	6,648	11	88	2,366	11	110	6,074	11	110	4,776	68	636	32,545
10:00pm	12	120	5,439	9	90	4,436	10	80	5,357	9	72	1,744	11	110	5,127	5	50	3,187	56	522	25,290
11:00pm	8	80	4,770	7	70	2,669	10	80	4,973	1	8	205	14	140	2,615	5	50	2,690	45	428	17,922
<b>TOTAL</b>	<b>312</b>	<b>3,120</b>	<b>174,847</b>	<b>276</b>	<b>2,760</b>	<b>168,327</b>	<b>298</b>	<b>2,384</b>	<b>132,121</b>	<b>202</b>	<b>1,616</b>	<b>58,362</b>	<b>283</b>	<b>2,830</b>	<b>134,799</b>	<b>231</b>	<b>2,310</b>	<b>113,873</b>	<b>1,602</b>	<b>15,020</b>	<b>782,329</b>

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

## SECTION B

### SUBWAY BY LOCATION BROOKLYN SECTOR, 2012-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	6	48	776	3	24	148	5	50	123	7	62	183	0	0	0
1:00am	3	24	461	3	24	79	3	30	42	6	54	58	0	0	0
2:00am	3	24	104	3	24	72	3	30	35	6	54	70	0	0	0
3:00am	3	24	154	3	24	135	3	30	54	6	54	137	0	0	0
4:00am	3	24	601	3	24	431	3	30	203	6	54	655	0	0	0
5:00am	6	48	2,260	6	48	1,599	4	40	910	8	74	2,512	0	0	0
6:00am	10	80	5,929	11	88	3,978	6	60	2,751	13	116	7,158	10	92	3,313
7:00am	14	112	11,147	14	112	9,127	11	110	7,727	16	144	13,680	17	152	12,466
8:00am	18	144	18,988	15	120	11,825	11	110	13,156	19	172	18,923	19	172	21,904
9:00am	14	112	13,128	13	104	8,413	10	100	8,167	14	126	11,866	14	126	12,542
10:00am	12	96	6,681	12	96	4,492	7	70	4,142	12	110	5,610	12	108	6,289
11:00am	10	80	4,603	12	96	3,469	8	80	3,301	11	98	5,327	12	108	4,477
12:00pm	10	80	3,924	12	96	2,750	8	80	2,904	13	118	4,071	12	108	3,684
1:00pm	11	88	3,695	12	96	2,672	8	80	2,634	12	108	3,544	12	108	3,499
2:00pm	11	88	4,077	12	96	2,974	10	100	3,063	12	108	3,008	12	108	3,534
3:00pm	12	96	4,319	15	120	3,070	9	90	3,220	12	108	3,520	12	108	4,195
4:00pm	13	104	4,171	15	120	2,819	13	130	3,516	13	116	3,858	15	134	3,847
5:00pm	15	120	4,409	16	128	2,830	13	130	4,441	11	100	3,331	13	116	4,196
6:00pm	15	120	3,791	13	104	2,145	12	120	3,552	12	108	3,413	12	108	3,023
7:00pm	12	96	2,593	11	88	1,445	10	100	2,152	12	108	1,792	12	108	1,979
8:00pm	12	96	1,863	11	88	1,091	11	110	1,540	12	108	1,289	12	108	1,312
9:00pm	12	96	1,568	11	88	794	6	60	944	12	108	965	9	82	919
10:00pm	8	64	1,375	9	72	589	5	50	800	17	160	1,278	2	16	167
11:00pm	5	40	1,135	7	56	428	5	50	478	11	100	654	0	0	0
<b>TOTAL</b>	<b>238</b>	<b>1,904</b>	<b>101,752</b>	<b>242</b>	<b>1,936</b>	<b>67,375</b>	<b>184</b>	<b>1,840</b>	<b>69,855</b>	<b>273</b>	<b>2,468</b>	<b>96,902</b>	<b>207</b>	<b>1,862</b>	<b>91,346</b>

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SECTION B

SUBWAY BY LOCATION  
BROOKLYN SECTOR, 2012-INBOUND (CONT'D)

HOURS	CRANBERRY ST. TUNNEL			CLARK ST. TUNNEL			MONTAGUE ST. TUNNEL			JORALEMON ST. TUNNEL			TOTAL		
	VIA HIGH STREET A, C LINES (LOCAL)			VIA CLARK STREET 2,3 LINES (LOCAL)			VIA COURT STREET N, R LINES (LOCAL)			VIA BOROUGH HALL 4, 5 LINES (LOCAL)			BROOKLYN SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	32	268	6	60	159	4	40	129	3	30	277	38	346	2,063
1:00am	3	24	108	4	40	74	3	30	55	2	20	86	27	246	963
2:00am	3	24	28	2	20	32	3	30	40	2	20	42	25	226	423
3:00am	3	24	186	4	40	93	3	30	101	3	30	150	28	256	1,010
4:00am	3	24	645	3	30	321	3	30	445	4	40	632	28	256	3,933
5:00am	4	32	2,292	3	30	1,184	3	28	1,630	4	40	2,229	38	340	14,616
6:00am	11	88	7,594	9	90	3,833	6	48	2,232	11	110	6,392	87	772	43,180
7:00am	17	136	17,493	14	140	9,425	7	56	3,303	17	170	12,983	127	1,132	97,351
8:00am	25	200	24,417	17	170	14,759	10	80	6,858	23	230	19,397	157	1,398	150,227
9:00am	16	128	13,879	17	170	8,820	7	56	3,989	22	220	10,675	127	1,142	91,479
10:00am	14	112	7,368	16	160	4,444	6	48	1,875	15	150	5,683	106	950	46,584
11:00am	13	104	5,761	15	150	3,385	6	48	1,433	17	170	4,427	104	934	36,183
12:00pm	12	96	5,034	16	160	3,041	6	48	1,289	14	140	4,195	103	926	30,892
1:00pm	13	104	4,863	14	140	2,917	6	48	1,229	14	140	4,209	102	912	29,262
2:00pm	14	112	5,144	16	160	2,909	6	48	1,168	16	160	4,447	109	980	30,324
3:00pm	13	104	5,574	15	150	3,383	7	56	1,369	15	150	4,752	110	982	33,402
4:00pm	17	136	6,096	16	160	3,643	8	64	1,396	18	180	5,294	128	1,144	34,640
5:00pm	14	112	6,974	15	150	3,860	8	64	1,380	20	200	5,450	125	1,120	36,871
6:00pm	14	112	4,865	18	180	3,326	7	56	976	18	180	3,857	121	1,088	28,948
7:00pm	13	104	3,253	17	170	1,923	8	64	649	19	190	2,602	114	1,028	18,388
8:00pm	13	104	2,409	13	130	1,547	7	56	411	13	130	2,078	104	930	13,540
9:00pm	11	88	1,893	9	90	938	7	56	271	7	70	1,603	84	738	9,895
10:00pm	9	72	1,560	10	100	860	5	40	71	6	60	1,192	71	634	7,892
11:00pm	5	40	835	10	100	519	5	48	330	5	50	773	53	484	5,152
<b>TOTAL</b>	<b>264</b>	<b>2,112</b>	<b>128,539</b>	<b>279</b>	<b>2,790</b>	<b>75,395</b>	<b>141</b>	<b>1,172</b>	<b>32,629</b>	<b>288</b>	<b>2,880</b>	<b>103,425</b>	<b>2,116</b>	<b>18,964</b>	<b>767,218</b>



**SECTION B**  
**SUBWAY BY LOCATION**  
**BROOKLYN SECTOR, 2012-OUTBOUND**

HOURS	14TH STREET TUNNEL			WILLIAMSBURG BRIDGE			RUTGERS ST. TUNNEL			MANHATTAN BRIDGE			MONTAGUE ST. TUNNEL		
	VIA FIRST AVENUE			VIA ESSEX STREET			VIA EAST BROADWAY			VIA GRAND ST(B ,D ) LOCAL			VIA WHITEHALL STREET		
	L LINE (LOCAL)			J, Z, M LINES (LOCAL)			F LINE (LOCAL)			VIA CANAL ST(N,Q) LOCAL			N*, R LINES		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	6	48	1,376	4	32	832	5	50	577	4	32	914	3	30	551
1:00am	4	32	614	3	24	309	3	30	126	3	24	178	3	30	106
2:00am	2	16	148	3	24	74	3	30	68	3	24	64	3	30	36
3:00am	5	40	357	3	24	70	3	30	86	3	24	106	3	30	39
4:00am	2	16	207	3	24	143	3	30	165	3	24	167	3	30	95
5:00am	5	40	494	3	24	246	3	30	277	3	24	535	3	30	295
6:00am	9	72	1,550	8	64	678	6	60	1,002	8	64	1,342	4	32	570
7:00am	10	80	2,497	13	104	1,512	11	110	2,117	13	104	2,933	10	80	1,500
8:00am	19	152	2,564	19	152	1,789	14	140	2,725	14	112	2,957	8	64	1,624
9:00am	15	120	2,186	17	136	1,297	12	120	2,116	12	96	1,724	8	64	1,102
10:00am	12	96	2,088	12	96	1,182	11	110	1,527	13	104	1,722	7	56	688
11:00am	10	80	2,448	12	96	1,393	8	80	1,587	12	96	1,797	6	48	857
12:00pm	10	80	3,122	12	96	1,939	8	80	2,008	11	88	2,265	6	48	952
1:00pm	10	80	3,892	12	96	2,412	7	70	2,331	11	88	2,927	6	48	1,138
2:00pm	12	96	5,015	12	96	2,921	8	80	2,931	13	104	3,714	6	48	1,366
3:00pm	12	96	7,518	13	104	4,173	7	70	4,564	12	96	5,377	6	48	2,286
4:00pm	12	96	10,336	14	112	5,558	10	100	6,050	14	112	8,089	8	64	3,656
5:00pm	15	120	15,012	18	144	7,846	12	120	9,723	18	144	13,857	10	80	5,970
6:00pm	15	120	16,555	13	104	6,845	12	120	9,546	14	112	13,333	7	56	4,449
7:00pm	13	104	12,264	13	104	5,087	12	120	6,759	11	88	8,527	8	64	2,469
8:00pm	12	96	9,023	11	88	3,966	10	100	4,689	12	96	5,994	6	48	1,721
9:00pm	12	96	7,127	12	96	3,080	7	70	3,784	12	96	4,304	6	48	1,197
10:00pm	10	80	5,468	9	72	2,407	6	60	2,870	9	72	3,124	5	40	932
11:00pm	6	48	4,380	7	56	1,846	6	60	1,976	5	40	2,966	5	46	1,346
<b>TOTAL</b>	<b>238</b>	<b>1,904</b>	<b>116,241</b>	<b>246</b>	<b>1,968</b>	<b>57,605</b>	<b>187</b>	<b>1,870</b>	<b>69,604</b>	<b>233</b>	<b>1,864</b>	<b>88,916</b>	<b>140</b>	<b>1,162</b>	<b>34,945</b>

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



SECTION B

SUBWAY BY LOCATION  
BROOKLYN SECTOR, 2012-OUTBOUND (CONT'D)

HOURS	CRANBERRY ST. TUNNEL			CLARK ST. TUNNEL			JORALEMON ST. TUNNEL			MANHATTAN BRIDGE			TOTAL		
	VIA BROADWAY/NASSAU			VIA WALL STREET			VIA BOWLING GREEN			VIA GRAND ST (N/Q) 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	1,112	4	40	465	2	20	767	4	40	447	37	332	7,041
1:00am	3	24	240	3	30	57	4	40	199	3	30	88	29	264	1,917
2:00am	3	24	128	2	20	42	3	30	126	3	30	37	25	228	723
3:00am	3	24	166	3	30	52	2	20	59	3	30	64	28	252	999
4:00am	3	24	236	4	40	122	4	40	152	3	30	107	28	258	1,394
5:00am	4	32	567	8	80	339	6	60	366	5	50	315	40	370	3,434
6:00am	10	80	1,881	11	110	1,024	14	140	1,307	11	110	1,263	81	732	10,617
7:00am	13	104	3,851	17	170	2,548	20	200	3,091	11	110	2,679	118	1,062	22,728
8:00am	15	120	4,832	21	210	3,563	23	230	4,000	14	140	2,906	147	1,320	26,960
9:00am	17	136	4,014	20	200	2,560	17	170	2,858	14	140	2,118	132	1,182	19,975
10:00am	14	112	2,940	16	160	1,846	17	170	2,143	13	130	1,907	115	1,034	16,043
11:00am	13	104	2,980	15	150	1,783	13	130	1,883	12	120	2,324	101	904	17,052
12:00pm	12	96	3,663	14	140	2,368	17	170	3,019	11	110	2,998	101	908	22,334
1:00pm	13	104	4,288	16	160	2,738	17	170	2,975	12	120	3,649	104	936	26,350
2:00pm	14	112	5,260	15	150	3,021	13	130	3,822	12	120	4,662	105	936	32,712
3:00pm	14	112	7,767	12	120	4,564	16	160	5,643	12	120	6,959	104	926	48,851
4:00pm	17	136	10,939	16	160	6,846	23	230	8,470	14	140	9,943	128	1,150	69,887
5:00pm	22	176	16,067	16	160	10,397	21	210	13,024	18	180	14,936	150	1,334	106,832
6:00pm	15	120	13,892	14	140	9,208	14	140	10,340	15	150	14,611	119	1,062	98,779
7:00pm	15	120	9,667	13	130	6,043	16	160	8,470	13	130	10,137	114	1,020	69,423
8:00pm	12	96	7,208	11	110	4,704	11	110	5,316	12	120	7,900	97	864	50,521
9:00pm	13	104	5,605	10	100	3,599	8	80	3,939	12	120	6,521	92	810	39,156
10:00pm	9	72	4,280	10	100	1,951	6	60	3,038	12	120	5,133	76	676	29,203
11:00pm	5	40	3,137	7	70	1,350	5	50	2,427	6	60	1,854	52	470	21,282
<b>TOTAL</b>	<b>264</b>	<b>2,112</b>	<b>114,720</b>	<b>278</b>	<b>2,780</b>	<b>71,190</b>	<b>292</b>	<b>2,920</b>	<b>87,434</b>	<b>245</b>	<b>2,450</b>	<b>103,558</b>	<b>2,123</b>	<b>19,030</b>	<b>744,213</b>

## SECTION B

### SUBWAY BY LOCATION QUEENS SECTOR, 2012-INBOUND

HOURS	60TH STREET TUNNEL			53RD STREET TUNNEL			STEINWAY ST. TUNNEL			63RD STREET TUNNEL			TOTAL		
	VIA QUEENSBORO PLAZA & N, Q, R LINES			VIA 23RD STREET/ELY AVE E, M LINES			VIA VERNON AVE/JACKSON 7 LINE			VIA 63RD ST/LEXINGTON AVE F LINE			QUEENS SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	40	257	4	40	402	2	22	284	4	40	326	14	142	1,269
1:00am	3	30	176	3	30	165	3	33	129	3	30	110	12	123	580
2:00am	3	30	132	3	30	212	3	33	114	3	30	134	12	123	592
3:00am	3	30	224	3	30	266	3	33	209	3	30	130	12	123	829
4:00am	3	30	786	3	30	999	3	33	635	3	30	462	12	123	2,882
5:00am	6	56	2,984	5	48	3,746	5	55	2,459	4	40	1,956	20	199	11,145
6:00am	19	174	8,127	13	120	10,113	16	176	6,028	7	70	4,924	55	540	29,192
7:00am	20	184	17,552	20	186	20,675	24	264	13,411	12	120	10,995	76	754	62,633
8:00am	23	212	25,695	24	220	27,493	26	286	19,576	15	150	16,264	88	868	89,028
9:00am	20	186	15,483	18	168	15,654	19	209	11,925	11	110	9,902	68	673	52,964
10:00am	18	168	9,298	15	138	9,448	13	143	6,432	9	90	5,602	55	539	30,780
11:00am	18	168	6,766	14	128	6,851	10	110	4,242	8	80	4,181	50	486	22,040
12:00pm	17	158	5,262	14	128	5,616	10	110	3,272	8	80	3,378	49	476	17,528
1:00pm	18	168	5,280	15	138	5,498	10	110	3,302	7	70	3,288	50	486	17,368
2:00pm	18	168	5,844	15	138	6,018	12	132	3,654	8	80	3,379	53	518	18,895
3:00pm	19	176	6,353	19	178	6,523	12	132	4,277	8	80	3,666	58	566	20,819
4:00pm	23	210	6,383	21	194	7,171	18	198	4,673	11	110	3,991	73	712	22,218
5:00pm	22	204	6,880	19	178	7,961	24	264	5,092	12	120	4,333	77	766	24,266
6:00pm	20	186	4,999	18	166	5,538	20	220	3,392	12	120	2,979	70	692	16,908
7:00pm	19	176	3,166	18	166	3,260	16	176	1,957	11	110	1,992	64	628	10,375
8:00pm	18	166	1,867	16	148	2,299	12	132	1,269	10	100	1,307	56	546	6,742
9:00pm	17	160	1,566	13	118	1,928	12	132	1,193	6	60	1,027	48	470	5,714
10:00pm	17	160	1,276	11	100	1,423	8	88	890	6	60	815	42	408	4,404
11:00pm	6	58	786	6	58	755	9	99	612	6	60	509	27	275	2,662
<b>TOTAL</b>	<b>354</b>	<b>3,298</b>	<b>137,142</b>	<b>310</b>	<b>2,878</b>	<b>150,014</b>	<b>290</b>	<b>3,190</b>	<b>99,027</b>	<b>187</b>	<b>1,870</b>	<b>85,650</b>	<b>1,141</b>	<b>11,236</b>	<b>471,833</b>

III - 19

SECTION B

SUBWAY BY LOCATION  
QUEENS SECTOR, 2012-OUTBOUND

HOURS	60TH STREET TUNNEL			53RD STREET TUNNEL			STEINWAY ST. TUNNEL			63RD STREET TUNNEL			TOTAL		
	VIA LEXINGTON AVE N, R, Q LINES			VIA LEXINGTON AVE E, M LINES			VIA GRAND CENTRAL 7 LINE			VIA 57TH ST/6TH AVE F LINE			QUEENS SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	40	2,033	5	50	2,031	6	66	1,742	5	50	1,504	20	206	7,310
1:00am	3	30	539	3	30	340	3	33	381	3	30	240	12	123	1,500
2:00am	3	30	178	3	30	122	3	33	92	3	30	126	12	123	518
3:00am	3	30	216	3	30	196	3	33	264	3	30	141	12	123	817
4:00am	3	30	348	3	30	324	4	44	454	3	30	184	13	134	1,310
5:00am	3	30	731	5	48	703	5	55	1,009	3	30	405	16	163	2,848
6:00am	14	132	2,176	10	90	2,064	13	143	2,739	6	60	1,331	43	425	8,310
7:00am	18	168	4,249	13	120	3,944	24	264	4,911	9	90	2,551	64	642	15,655
8:00am	22	202	4,589	19	178	4,571	26	286	5,711	12	120	2,994	79	786	17,865
9:00am	23	212	3,260	18	172	3,334	22	242	2,419	10	100	2,089	73	726	12,102
10:00am	19	178	2,727	17	158	2,632	13	143	2,432	8	80	1,680	57	559	9,471
11:00am	17	158	3,008	17	156	2,928	10	110	2,385	8	80	1,871	52	504	10,192
12:00pm	19	178	3,755	13	120	3,911	10	110	3,000	8	80	2,468	50	488	13,134
1:00pm	18	168	4,412	14	128	4,710	10	110	3,501	8	80	2,838	50	486	15,461
2:00pm	18	168	6,058	14	128	6,390	12	132	4,632	8	80	3,718	52	508	20,798
3:00pm	18	168	9,415	16	148	10,460	12	132	6,764	10	100	5,941	56	548	32,580
4:00pm	20	186	12,858	19	176	14,778	16	176	10,114	11	110	8,378	66	648	46,128
5:00pm	22	202	19,873	21	196	21,531	25	275	15,163	14	140	13,654	82	813	70,221
6:00pm	19	176	18,309	21	194	17,852	19	209	13,057	12	120	11,714	71	699	60,932
7:00pm	20	184	12,661	18	168	12,062	17	187	8,647	12	120	7,575	67	659	40,945
8:00pm	20	184	9,847	16	148	8,879	14	154	6,416	10	100	5,640	60	586	30,782
9:00pm	18	166	7,856	15	138	6,791	11	121	5,452	7	70	4,211	51	495	24,310
10:00pm	18	168	6,434	12	110	5,913	10	110	4,325	6	60	2,899	46	448	19,571
11:00pm	12	110	5,077	11	100	5,026	9	99	3,425	5	50	2,300	37	359	15,828
<b>TOTAL</b>	<b>354</b>	<b>3,298</b>	<b>140,609</b>	<b>306</b>	<b>2,846</b>	<b>141,492</b>	<b>297</b>	<b>3,267</b>	<b>110,035</b>	<b>184</b>	<b>1,840</b>	<b>86,452</b>	<b>1,141</b>	<b>11,251</b>	<b>478,588</b>

**SECTION B  
SUBWAY BY LINE  
NEW JERSEY SECTOR, 2012-INBOUND**

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	2	16	106	3	21	177	5	37	283
1:00am	2	16	48	2	14	115	4	30	163
2:00am	2	16	50	1	7	93	3	23	143
3:00am	1	8	41	2	14	48	3	22	89
4:00am	2	16	62	2	14	169	4	30	231
5:00am	3	24	461	3	21	373	6	45	834
6:00am	14	112	3,245	11	77	2,214	25	189	5,459
7:00am	22	176	7,879	20	140	5,995	42	316	13,874
8:00am	24	192	15,232	24	168	11,811	48	360	27,043
9:00am	17	136	9,492	16	112	11,832	33	248	21,324
10:00am	9	72	2,835	12	84	3,864	21	156	6,699
11:00am	9	72	1,688	12	84	2,486	21	156	4,174
12:00pm	9	72	1,544	12	84	1,999	21	156	3,543
1:00pm	8	64	1,211	12	84	1,902	20	148	3,113
2:00pm	10	80	1,352	12	84	1,620	22	164	2,972
3:00pm	12	96	1,353	12	84	1,657	24	180	3,010
4:00pm	19	152	1,924	17	119	2,589	36	271	4,513
5:00pm	23	184	3,445	22	154	4,365	45	338	7,810
6:00pm	18	144	2,587	18	126	3,622	36	270	6,209
7:00pm	11	88	1,316	12	84	1,871	23	172	3,187
8:00pm	11	88	679	12	84	1,016	23	172	1,695
9:00pm	10	80	448	9	63	785	19	143	1,233
10:00pm	8	64	406	8	56	673	16	120	1,079
11:00pm	4	32	268	5	35	386	9	67	654
<b>TOTAL</b>	<b>250</b>	<b>2,000</b>	<b>57,672</b>	<b>259</b>	<b>1,813</b>	<b>61,662</b>	<b>509</b>	<b>3,813</b>	<b>119,334</b>

**NEW JERSEY SECTOR, 2012-OUTBOUND**

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	2	16	379	4	28	812	6	44	1,191
1:00am	2	16	125	2	14	391	4	30	516
2:00am	2	16	84	1	7	228	3	23	312
3:00am	1	8	65	2	14	110	3	22	175
4:00am	2	16	73	2	14	149	4	30	222
5:00am	3	24	219	1	7	169	4	31	388
6:00am	12	96	782	9	63	753	21	159	1,535
7:00am	20	160	1,841	18	126	1,964	38	286	3,805
8:00am	23	184	3,360	23	161	3,364	46	345	6,724
9:00am	16	128	1,610	19	133	1,579	35	261	3,189
10:00am	10	80	644	12	84	832	22	164	1,476
11:00am	9	72	624	12	84	907	21	156	1,531
12:00pm	9	72	793	12	84	1,093	21	156	1,886
1:00pm	9	72	919	12	84	1,284	21	156	2,203
2:00pm	9	72	1,155	12	84	1,598	21	156	2,753
3:00pm	11	88	2,233	12	84	2,615	23	172	4,848
4:00pm	20	160	5,054	15	105	4,362	35	265	9,416
5:00pm	25	200	11,399	22	154	10,324	47	354	21,723
6:00pm	20	160	8,483	21	147	10,183	41	307	18,666
7:00pm	12	96	4,496	12	84	6,157	24	180	10,653
8:00pm	11	88	2,656	12	84	4,453	23	172	7,109
9:00pm	11	88	1,880	11	77	3,780	22	165	5,660
10:00pm	8	64	1,140	8	56	2,467	16	120	3,607
11:00pm	4	32	716	6	42	1,585	10	74	2,301
<b>TOTAL</b>	<b>251</b>	<b>2,008</b>	<b>50,730</b>	<b>260</b>	<b>1,820</b>	<b>61,159</b>	<b>511</b>	<b>3,828</b>	<b>111,889</b>

SECTION C

SUBURBAN AND INTERCITY RAIL, TRANSIT BY SECTOR  
SUMMARY, 2012-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	28	189	5	52	210	6	49	612	15	129	1,011
1:00am	6	41	104	4	44	110	3	23	663	13	108	877
2:00am	0	0	0	6	57	219	2	17	70	8	74	289
3:00am	0	0	0	1	10	30	0	0	0	1	10	30
4:00am	0	0	0	4	42	340	0	0	0	4	42	340
5:00am	6	44	1,243	3	34	1,680	6	51	1,069	15	129	3,992
6:00am	18	122	5,867	15	152	10,760	14	121	4,486	47	395	21,113
7:00am	37	265	18,494	29	286	23,570	20	169	12,350	86	720	54,414
8:00am	54	407	33,438	37	388	33,094	26	219	21,115	117	1,014	87,647
9:00am	30	207	14,742	20	186	13,670	20	158	11,745	70	551	40,157
10:00am	16	117	5,769	11	104	5,104	11	82	3,895	38	303	14,768
11:00am	12	90	3,613	8	80	3,170	10	79	2,772	30	249	9,555
12:00pm	9	67	2,576	10	98	2,933	9	69	2,254	28	234	7,763
1:00pm	9	61	1,941	9	94	2,549	7	53	1,959	25	208	6,449
2:00pm	9	57	1,810	8	76	2,070	9	68	2,013	26	201	5,893
3:00pm	9	64	1,801	10	98	2,259	8	60	1,964	27	222	6,024
4:00pm	13	93	2,458	10	100	2,478	9	65	2,501	32	258	7,437
5:00pm	16	117	3,646	8	88	2,330	11	95	3,473	35	300	9,449
6:00pm	15	111	3,665	12	111	3,236	11	90	2,894	38	312	9,795
7:00pm	14	98	2,578	10	102	1,820	11	86	2,539	35	286	6,937
8:00pm	9	61	1,146	8	80	1,061	9	73	1,119	26	214	3,326
9:00pm	9	62	861	8	81	914	10	78	1,306	27	221	3,081
10:00pm	7	51	694	8	88	710	7	62	885	22	201	2,289
11:00pm	4	27	183	6	64	370	3	23	176	13	114	729
<b>TOTAL</b>	<b>306</b>	<b>2,190</b>	<b>106,818</b>	<b>250</b>	<b>2,515</b>	<b>114,687</b>	<b>222</b>	<b>1,790</b>	<b>81,860</b>	<b>778</b>	<b>6,495</b>	<b>303,365</b>

SUMMARY, 2012-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	46	1,093	5	56	980	3	26	470	15	128	2,543
1:00am	8	53	592	4	44	460	3	26	432	15	123	1,484
2:00am	0	0	0	2	17	138	0	0	0	2	17	138
3:00am	0	0	0	4	42	190	1	5	147	5	47	337
4:00am	0	0	0	1	12	90	4	32	224	5	44	314
5:00am	5	39	282	4	44	300	5	43	178	14	126	760
6:00am	12	88	1,231	6	59	793	14	107	1,004	32	254	3,028
7:00am	16	102	2,521	8	82	1,530	14	111	2,497	38	295	6,548
8:00am	12	90	2,478	10	98	1,622	10	82	2,066	32	270	6,166
9:00am	8	56	1,244	8	78	1,030	10	76	1,803	26	210	4,077
10:00am	9	58	1,146	9	92	1,102	9	70	1,600	27	220	3,848
11:00am	9	63	1,252	10	97	1,511	7	55	1,288	26	215	4,051
12:00pm	8	59	1,489	9	82	1,937	9	70	1,632	26	211	5,058
1:00pm	11	78	2,419	9	92	2,395	6	51	1,977	26	221	6,791
2:00pm	12	87	3,176	9	95	4,136	10	75	2,655	31	257	9,967
3:00pm	18	130	5,242	15	152	8,417	12	100	4,134	45	382	17,793
4:00pm	26	171	9,599	21	210	13,128	18	143	9,172	65	524	31,899
5:00pm	45	329	24,732	34	362	27,823	22	194	17,759	101	885	70,314
6:00pm	34	252	19,966	23	236	19,379	19	148	14,566	76	636	53,911
7:00pm	23	170	11,413	15	147	10,704	12	92	6,835	50	409	28,952
8:00pm	13	92	6,108	7	76	5,570	12	92	4,906	32	260	16,584
9:00pm	12	83	4,601	8	76	4,230	7	62	2,932	27	221	11,763
10:00pm	9	62	2,738	9	86	3,310	8	66	2,649	26	214	8,697
11:00pm	8	59	2,063	9	100	2,060	6	50	1,312	23	209	5,435
<b>TOTAL</b>	<b>305</b>	<b>2,167</b>	<b>105,385</b>	<b>239</b>	<b>2,435</b>	<b>112,835</b>	<b>221</b>	<b>1,776</b>	<b>82,238</b>	<b>765</b>	<b>6,378</b>	<b>300,458</b>

## SECTION C

### SUBURBAN AND INTERCITY RAIL TRANSIT BY LINE 60<sup>TH</sup> STREET SECTOR, 2012-INBOUND

HOURS	MTA METRO-NORTH RAILROAD									AMTRAK			TOTAL		
	HUDSON LINE			HARLEM LINE			NEW HAVEN LINE			EMPIRE SEVICE			TRAINS	CARS	PSGRS
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS			
12:00am	1	6	47	1	6	26	2	16	116	0	0	0	4	28	189
1:00am	2	14	28	2	14	18	2	13	58	0	0	0	6	41	104
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	376	2	18	406	2	13	461	0	0	0	6	44	1,243
6:00am	6	38	1,477	6	40	1,743	6	44	2,647	0	0	0	18	122	5,867
7:00am	9	57	3,684	13	98	6,571	14	105	8,141	1	5	98	37	265	18,494
8:00am	15	102	7,876	17	139	11,432	21	161	13,932	1	5	198	54	407	33,438
9:00am	7	44	2,908	10	72	5,331	12	86	6,299	1	5	204	30	207	14,742
10:00am	4	27	972	5	40	2,223	6	45	2,388	1	5	186	16	117	5,769
11:00am	3	23	625	2	14	848	7	53	2,140	0	0	0	12	90	3,613
12:00pm	2	15	466	3	22	890	3	25	1,002	1	5	218	9	67	2,576
1:00pm	2	13	424	3	22	588	3	21	814	1	5	115	9	61	1,941
2:00pm	2	13	382	3	20	596	3	19	741	1	5	91	9	57	1,810
3:00pm	2	15	329	3	22	582	3	22	689	1	5	201	9	64	1,801
4:00pm	3	19	424	5	38	993	5	36	1,041	0	0	0	13	93	2,458
5:00pm	3	21	535	6	46	1,377	6	45	1,622	1	5	112	16	117	3,646
6:00pm	4	26	573	3	22	841	6	49	2,024	2	14	227	15	111	3,665
7:00pm	3	21	270	6	42	969	5	35	1,339	0	0	0	14	98	2,578
8:00pm	2	13	129	3	22	291	3	21	571	1	5	155	9	61	1,146
9:00pm	2	13	121	3	20	258	3	24	377	1	5	105	9	62	861
10:00pm	2	13	162	2	16	171	3	22	361	0	0	0	7	51	694
11:00pm	1	6	42	2	12	88	1	9	53	0	0	0	4	27	183
<b>TOTAL</b>	<b>77</b>	<b>512</b>	<b>21,850</b>	<b>100</b>	<b>745</b>	<b>36,242</b>	<b>116</b>	<b>864</b>	<b>46,816</b>	<b>13</b>	<b>69</b>	<b>1,910</b>	<b>306</b>	<b>2,190</b>	<b>106,818</b>

### 60<sup>TH</sup> STREET SECTOR, 2012-OUTBOUND

HOURS	MTA METRO-NORTH RAILROAD									AMTRAK			TOTAL		
	HUDSON LINE			HARLEM LINE			NEW HAVEN LINE			EMPIRE SEVICE			TRAINS	CARS	PSGRS
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS			
12:00am	3	19	352	2	12	372	2	15	369	0	0	0	7	46	1,093
1:00am	1	6	63	3	20	240	4	27	289	0	0	0	8	53	592
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	21	1	8	29	3	25	232	0	0	0	5	39	282
6:00am	3	19	139	5	38	313	4	31	779	0	0	0	12	88	1,231
7:00am	4	26	267	6	40	943	5	31	1,183	1	5	128	16	102	2,521
8:00am	2	13	211	4	34	720	5	38	1,380	1	5	167	12	90	2,478
9:00am	2	13	205	3	20	465	3	23	574	0	0	0	8	56	1,244
10:00am	2	13	176	3	22	350	3	18	464	1	5	156	9	58	1,146
11:00am	2	15	211	3	20	438	3	23	506	1	5	97	9	63	1,252
12:00pm	2	13	291	3	24	562	3	22	636	0	0	0	8	59	1,489
1:00pm	3	21	491	3	22	780	4	30	1,003	1	5	145	11	78	2,419
2:00pm	3	21	657	4	30	1,027	4	31	1,320	1	5	172	12	87	3,176
3:00pm	3	21	906	7	49	1,737	6	46	2,284	2	14	315	18	130	5,242
4:00pm	7	44	2,418	10	70	3,667	8	52	3,278	1	5	236	26	171	9,599
5:00pm	13	91	6,186	11	95	7,244	20	138	11,148	1	5	154	45	329	24,732
6:00pm	9	59	4,080	12	93	7,055	13	100	8,831	0	0	0	34	252	19,966
7:00pm	6	40	2,100	8	68	4,551	8	57	4,585	1	5	177	23	170	11,413
8:00pm	3	19	851	4	30	2,122	5	38	3,027	1	5	108	13	92	6,108
9:00pm	4	25	1,005	4	28	1,415	4	30	2,181	0	0	0	12	83	4,601
10:00pm	3	19	738	2	14	545	3	24	1,399	1	5	56	9	62	2,738
11:00pm	2	15	379	3	22	810	3	22	874	0	0	0	8	59	2,063
<b>TOTAL</b>	<b>78</b>	<b>518</b>	<b>21,747</b>	<b>101</b>	<b>759</b>	<b>35,385</b>	<b>113</b>	<b>821</b>	<b>46,342</b>	<b>13</b>	<b>69</b>	<b>1,911</b>	<b>305</b>	<b>2,167</b>	<b>105,385</b>



SECTION C

SUBURBAN AND INTERCITY RAIL, TRANSIT BY LINE  
QUEENS SECTOR, 2012-INBOUND

HOURS	MTA LIRR			AMTRAK N.E. CORRIDOR			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	52	210	0	0	0	5	52	210
1:00am	4	44	110	0	0	0	4	44	110
2:00am	5	52	100	1	5	119	6	57	219
3:00am	1	10	30	0	0	0	1	10	30
4:00am	4	42	340	0	0	0	4	42	340
5:00am	3	34	1,680	0	0	0	3	34	1,680
6:00am	15	152	10,760	0	0	0	15	152	10,760
7:00am	29	286	23,570	0	0	0	29	286	23,570
8:00am	36	382	32,870	1	6	224	37	388	33,094
9:00am	18	172	13,230	2	14	440	20	186	13,670
10:00am	9	90	4,580	2	14	524	11	104	5,104
11:00am	8	80	3,170	0	0	0	8	80	3,170
12:00pm	8	84	2,370	2	14	563	10	98	2,933
1:00pm	8	86	2,230	1	8	319	9	94	2,549
2:00pm	7	70	1,870	1	6	200	8	76	2,070
3:00pm	8	84	1,860	2	14	399	10	98	2,259
4:00pm	9	94	2,290	1	6	188	10	100	2,478
5:00pm	8	88	2,330	0	0	0	8	88	2,330
6:00pm	9	92	2,630	3	19	606	12	111	3,236
7:00pm	9	96	1,580	1	6	240	10	102	1,820
8:00pm	7	74	860	1	6	201	8	80	1,061
9:00pm	7	74	760	1	7	154	8	81	914
10:00pm	8	88	710	0	0	0	8	88	710
11:00pm	6	64	370	0	0	0	6	64	370
<b>TOTAL</b>	<b>231</b>	<b>2,390</b>	<b>110,510</b>	<b>19</b>	<b>125</b>	<b>4,177</b>	<b>250</b>	<b>2,515</b>	<b>114,687</b>

QUEENS SECTOR, 2012-OUTBOUND

HOURS	MTA LIRR			AMTRAK N.E. CORRIDOR			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	56	980	0	0	0	5	56	980
1:00am	4	44	460	0	0	0	4	44	460
2:00am	1	12	50	1	5	88	2	17	138
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	620	1	7	173	6	59	793
7:00am	8	82	1,530	0	0	0	8	82	1,530
8:00am	8	84	1,220	2	14	402	10	98	1,622
9:00am	8	78	1,030	0	0	0	8	78	1,030
10:00am	8	86	870	1	6	232	9	92	1,102
11:00am	8	84	1,060	2	13	451	10	97	1,511
12:00pm	7	68	1,530	2	14	407	9	82	1,937
1:00pm	8	86	2,200	1	6	195	9	92	2,395
2:00pm	8	88	3,890	1	7	246	9	95	4,136
3:00pm	13	138	7,850	2	14	567	15	152	8,417
4:00pm	20	204	12,850	1	6	278	21	210	13,128
5:00pm	32	348	27,300	2	14	523	34	362	27,823
6:00pm	21	222	19,010	2	14	369	23	236	19,379
7:00pm	13	134	10,290	2	13	414	15	147	10,704
8:00pm	7	76	5,570	0	0	0	7	76	5,570
9:00pm	8	76	4,230	0	0	0	8	76	4,230
10:00pm	9	86	3,310	0	0	0	9	86	3,310
11:00pm	9	100	2,060	0	0	0	9	100	2,060
<b>TOTAL</b>	<b>219</b>	<b>2,302</b>	<b>108,490</b>	<b>20</b>	<b>133</b>	<b>4,345</b>	<b>239</b>	<b>2,435</b>	<b>112,835</b>

## SECTION C

### SUBURBAN AND INTERCITY RAIL, TRANSIT BY LINE NEW JERSEY SECTOR, 2012-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	445	2	17	34	1	7	133	6	49	612
1:00am	2	18	533	0	0	0	1	5	130	3	23	663
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	768	2	17	301	0	0	0	6	51	1,069
6:00am	8	75	2,895	4	33	1,399	2	13	192	14	121	4,486
7:00am	13	113	7,851	5	44	4,222	2	12	277	20	169	12,350
8:00am	14	124	12,832	7	62	6,958	5	33	1,325	26	219	21,115
9:00am	14	113	8,109	4	32	3,099	2	13	537	20	158	11,745
10:00am	6	45	2,387	3	23	938	2	14	570	11	82	3,895
11:00am	3	29	1,306	3	25	692	4	25	774	10	79	2,772
12:00pm	3	27	862	2	16	477	4	26	915	9	69	2,254
1:00pm	3	26	1,107	2	15	465	2	12	387	7	53	1,959
2:00pm	3	27	994	2	16	392	4	25	627	9	68	2,013
3:00pm	3	25	1,009	2	16	285	3	19	670	8	60	1,964
4:00pm	4	30	1,457	2	17	358	3	18	686	9	65	2,501
5:00pm	5	48	2,199	4	33	599	2	14	675	11	95	3,473
6:00pm	6	55	1,465	2	16	632	3	19	797	11	90	2,894
7:00pm	5	43	1,350	3	22	543	3	21	646	11	86	2,539
8:00pm	5	46	743	2	15	116	2	12	260	9	73	1,119
9:00pm	3	26	550	3	27	329	4	25	427	10	78	1,306
10:00pm	4	40	517	2	15	167	1	7	201	7	62	885
11:00pm	1	10	113	1	8	34	1	5	29	3	23	176
<b>TOTAL</b>	<b>109</b>	<b>968</b>	<b>47,973</b>	<b>57</b>	<b>469</b>	<b>22,040</b>	<b>51</b>	<b>325</b>	<b>10,258</b>	<b>222</b>	<b>1,790</b>	<b>81,860</b>

### NEW JERSEY SECTOR, 2012-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	291	0	0	0	3	26	470
1:00am	2	17	385	1	9	47	0	0	0	3	26	432
2:00am	0	0	0	0	0	0	0	0	0	0	0	0
3:00am	0	0	0	0	0	0	1	5	147	1	5	147
4:00am	3	25	195	0	0	0	1	7	29	4	32	224
5:00am	4	36	135	0	0	0	1	7	43	5	43	178
6:00am	6	50	519	4	34	209	4	23	276	14	107	1,004
7:00am	7	63	1,370	3	24	507	4	24	620	14	111	2,497
8:00am	5	43	976	3	26	530	2	13	560	10	82	2,066
9:00am	4	33	695	3	24	281	3	19	827	10	76	1,803
10:00am	3	27	504	3	24	448	3	19	648	9	70	1,600
11:00am	3	25	612	2	16	264	2	14	412	7	55	1,288
12:00pm	3	27	698	2	16	290	4	27	644	9	70	1,632
1:00pm	3	30	1,122	2	15	638	1	6	217	6	51	1,977
2:00pm	3	27	1,293	2	16	420	5	32	942	10	75	2,655
3:00pm	6	54	2,521	2	17	738	4	29	875	12	100	4,134
4:00pm	8	71	4,812	6	47	3,394	4	25	966	18	143	9,172
5:00pm	14	133	11,619	5	44	5,455	3	17	685	22	194	17,759
6:00pm	10	78	8,383	6	51	5,354	3	19	829	19	148	14,566
7:00pm	7	59	4,500	3	22	1,859	2	11	476	12	92	6,835
8:00pm	5	42	2,293	3	26	1,773	4	24	840	12	92	4,906
9:00pm	4	38	1,842	2	17	877	1	7	213	7	62	2,932
10:00pm	3	31	1,211	3	23	1,051	2	12	387	8	66	2,649
11:00pm	3	28	910	2	17	348	1	5	54	6	50	1,312
<b>TOTAL</b>	<b>107</b>	<b>945</b>	<b>46,774</b>	<b>59</b>	<b>486</b>	<b>24,774</b>	<b>55</b>	<b>345</b>	<b>10,690</b>	<b>221</b>	<b>1,776</b>	<b>82,238</b>



**SECTION D  
 AUTO, TAXI, COMMUTER VAN & TRUCK OCCUPANTS BY SECTOR  
 SUMMARY, 2012-INBOUND**

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	9,794	5,166	3,533	1,533	20,026
1:00am	5,802	3,404	2,433	1,171	12,810
2:00am	4,126	2,486	1,749	884	9,245
3:00am	4,007	2,310	1,894	924	9,135
4:00am	5,998	3,760	3,187	1,915	14,860
5:00am	12,091	6,660	5,730	5,821	30,302
6:00am	19,867	11,577	8,682	9,572	49,698
7:00am	24,093	13,657	10,464	8,336	56,550
8:00am	27,333	14,570	11,376	6,944	60,223
9:00am	25,638	13,912	11,652	7,652	58,854
10:00am	22,384	11,657	10,412	7,605	52,058
11:00am	21,158	9,739	8,382	5,779	45,058
12:00pm	21,404	9,372	8,331	5,476	44,583
1:00pm	20,840	10,072	8,467	5,304	44,683
2:00pm	21,389	10,800	8,853	5,537	46,579
3:00pm	22,167	10,285	9,016	5,953	47,421
4:00pm	22,356	10,488	9,808	5,329	47,981
5:00pm	24,191	11,136	9,905	5,555	50,787
6:00pm	23,781	10,067	9,591	4,991	48,430
7:00pm	22,431	9,210	7,567	5,221	44,429
8:00pm	20,653	9,019	6,710	4,201	40,583
9:00pm	19,577	8,697	6,261	3,953	38,488
10:00pm	18,377	7,872	5,947	3,650	35,846
11:00pm	15,921	7,343	5,260	3,004	31,528
<b>TOTAL</b>	<b>435,378</b>	<b>213,259</b>	<b>175,210</b>	<b>116,310</b>	<b>940,157</b>

**SUMMARY, 2012-OUTBOUND**

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	11,011	8,638	7,125	3,021	29,795
1:00am	6,451	5,483	4,560	2,513	19,007
2:00am	4,364	3,578	2,871	1,328	12,141
3:00am	3,841	2,671	2,144	1,184	9,840
4:00am	5,560	3,046	2,512	1,576	12,694
5:00am	9,554	5,212	3,588	2,650	21,004
6:00am	16,549	7,880	5,709	4,246	34,384
7:00am	23,860	9,278	6,662	5,208	45,008
8:00am	24,508	10,340	5,951	4,453	45,252
9:00am	23,699	9,493	5,396	4,676	43,264
10:00am	22,716	9,544	5,763	5,461	43,484
11:00am	21,817	9,624	6,666	5,289	43,396
12:00pm	21,687	10,338	7,262	6,054	45,341
1:00pm	22,436	10,312	7,869	6,552	47,169
2:00pm	23,902	11,565	8,943	8,371	52,781
3:00pm	25,969	12,990	10,948	9,141	59,048
4:00pm	26,140	15,195	11,553	9,343	62,231
5:00pm	28,078	15,455	11,199	9,523	64,255
6:00pm	28,643	15,149	10,156	7,978	61,926
7:00pm	26,729	14,519	9,824	7,911	58,983
8:00pm	23,534	14,270	9,234	8,084	55,122
9:00pm	22,695	12,868	8,608	6,940	51,111
10:00pm	21,707	10,383	8,871	6,391	47,352
11:00pm	17,515	11,099	8,500	6,077	43,191
<b>TOTAL</b>	<b>462,965</b>	<b>238,930</b>	<b>171,914</b>	<b>133,970</b>	<b>1,007,779</b>

**SECTION D**  
**AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY**  
**60<sup>TH</sup> STREET SECTOR, 2012-INBOUND**

HOURS	FDR DRIVE	YORK AVE	SECOND AVE	LEXINGTON AVENUE	PARK AVE	FIFTH AVENUE	SEVENTH AVE (C.P. Exit)	BROADWAY	COLUMBUS AVENUE	WEST END AVENUE	WEST SIDE HIGHWAY	TOTAL
12:00am	2,037	535	2,207	1,016	485	561	0	762	989	481	721	9,794
1:00am	1,096	258	1,404	628	242	381	0	464	638	266	425	5,802
2:00am	820	174	1,040	414	132	344	0	287	421	153	341	4,126
3:00am	839	167	999	335	105	533	0	220	339	122	348	4,007
4:00am	1,553	354	1,318	409	115	938	0	212	378	154	567	5,998
5:00am	3,688	760	1,939	609	201	1,964	0	337	582	246	1,765	12,091
6:00am	5,624	858	2,453	1,066	530	2,684	0	789	889	561	4,413	19,867
7:00am	6,747	793	2,542	1,640	1,414	2,498	0	1,277	1,090	1,127	4,965	24,093
8:00am	6,929	935	2,329	1,816	2,088	2,391	1,668	1,408	1,559	1,443	4,767	27,333
9:00am	6,600	928	2,127	1,673	1,831	2,161	1,763	1,375	1,507	1,315	4,358	25,638
10:00am	6,043	1,080	2,422	1,528	1,694	2,010	124	1,481	1,329	1,053	3,620	22,384
11:00am	5,867	1,263	2,353	1,460	1,369	1,794	0	1,289	1,376	1,046	3,341	21,158
12:00pm	6,068	1,354	2,443	1,476	1,539	1,679	0	1,379	1,374	1,097	2,995	21,404
1:00pm	5,649	1,306	2,545	1,384	1,523	1,678	0	1,341	1,390	1,102	2,922	20,840
2:00pm	5,827	1,332	2,670	1,408	1,457	1,676	0	1,418	1,396	1,083	3,122	21,389
3:00pm	5,867	1,563	2,876	1,266	1,453	1,617	0	1,252	1,526	1,203	3,544	22,167
4:00pm	6,081	1,431	2,797	1,514	1,223	1,677	0	1,191	1,416	1,101	3,925	22,356
5:00pm	6,427	1,305	2,960	1,716	1,679	1,748	0	1,338	1,486	1,148	4,384	24,191
6:00pm	6,282	1,288	1,953	1,795	1,632	2,234	0	1,318	1,614	1,546	4,119	23,781
7:00pm	5,644	1,129	2,116	1,781	1,552	2,070	0	1,435	1,757	1,520	3,427	22,431
8:00pm	5,236	1,133	2,074	1,755	1,530	2,218	0	1,254	1,668	1,411	2,374	20,653
9:00pm	4,587	1,012	1,963	1,779	1,465	2,500	0	1,268	1,629	1,202	2,172	19,577
10:00pm	4,359	1,028	1,807	1,766	1,534	2,091	0	1,378	1,605	1,182	1,627	18,377
11:00pm	3,834	899	1,836	1,598	1,240	1,341	0	1,262	1,494	1,011	1,406	15,921
<b>TOTAL</b>	<b>113,704</b>	<b>22,885</b>	<b>51,173</b>	<b>31,832</b>	<b>28,033</b>	<b>40,788</b>	<b>3,555</b>	<b>25,735</b>	<b>29,452</b>	<b>22,573</b>	<b>65,648</b>	<b>435,378</b>

SECTION D

AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY  
60<sup>TH</sup> STREET SECTOR, 2012-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	1,914	343	1,042	917	1,479	404	1,122	0	674	520	739	181	1,676	11,011
1:00am	988	174	678	569	1,003	205	624	0	392	337	462	89	930	6,451
2:00am	631	136	491	462	710	111	376	0	255	206	309	69	608	4,364
3:00am	522	140	439	622	582	82	319	0	187	149	275	55	469	3,841
4:00am	818	229	618	1,289	766	111	342	0	225	173	350	94	545	5,560
5:00am	1,820	416	915	2,579	970	214	519	0	370	240	579	187	745	9,554
6:00am	3,944	997	1,892	2,348	1,515	699	945	0	560	504	1,008	525	1,612	16,549
7:00am	4,752	1,680	2,513	2,337	2,087	1,956	1,601	344	1,073	832	1,493	734	2,458	23,860
8:00am	4,615	1,527	2,635	2,014	2,317	2,283	1,610	573	1,186	895	1,485	803	2,565	24,508
9:00am	4,332	1,396	2,502	2,265	2,227	1,910	1,557	621	1,255	840	1,592	939	2,263	23,699
10:00am	4,101	1,179	2,222	2,046	2,104	1,824	1,585	586	1,204	837	1,689	929	2,410	22,716
11:00am	3,942	1,143	2,091	1,940	1,939	1,629	1,676	534	1,183	716	1,619	784	2,621	21,817
12:00pm	3,966	1,190	1,873	1,919	1,883	1,590	1,654	635	1,232	826	1,554	627	2,738	21,687
1:00pm	4,012	1,161	1,974	2,077	1,936	1,492	1,729	679	1,281	791	1,720	581	3,003	22,436
2:00pm	4,278	1,359	2,082	2,314	2,085	1,674	1,739	692	1,273	825	1,782	666	3,133	23,902
3:00pm	4,798	1,396	2,242	2,161	1,973	1,781	1,795	952	1,350	844	1,939	673	4,065	25,969
4:00pm	5,295	1,287	2,283	2,143	1,692	1,714	1,832	1,096	1,299	766	1,903	850	3,980	26,140
5:00pm	5,217	1,358	2,566	2,124	2,145	2,150	1,963	1,248	1,568	923	1,969	985	3,862	28,078
6:00pm	4,590	1,362	2,568	1,961	2,480	2,035	2,396	1,184	1,715	1,114	2,247	912	4,079	28,643
7:00pm	4,393	974	2,420	1,871	2,643	1,958	2,969	0	1,886	1,144	2,099	697	3,675	26,729
8:00pm	4,253	920	2,206	1,709	2,224	1,572	2,491	0	1,489	956	1,568	524	3,622	23,534
9:00pm	3,871	818	1,923	1,701	2,242	1,373	2,538	0	1,522	939	1,692	488	3,588	22,695
10:00pm	3,280	800	1,943	1,767	2,134	1,257	2,440	0	1,559	911	1,632	570	3,414	21,707
11:00pm	2,877	566	1,638	1,490	2,026	827	1,986	0	977	730	1,266	435	2,697	17,515
<b>TOTAL</b>	<b>83,209</b>	<b>22,551</b>	<b>43,756</b>	<b>42,625</b>	<b>43,162</b>	<b>30,851</b>	<b>37,808</b>	<b>9,144</b>	<b>25,715</b>	<b>17,018</b>	<b>32,971</b>	<b>13,397</b>	<b>60,758</b>	<b>462,965</b>

**SECTION D**  
**AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY**  
**BROOKLYN, QUEENS, and NEW JERSEY SECTORS, 2012-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	2,447	2,197	522	5,166	1,293	2,240	3,533	726	807	1,533	10,232
1:00am	0	1,569	1,550	285	3,404	937	1,496	2,433	516	655	1,171	7,008
2:00am	0	1,115	1,265	106	2,486	471	1,278	1,749	365	519	884	5,119
3:00am	0	1,166	1,071	73	2,310	224	1,670	1,894	398	526	924	5,128
4:00am	0	1,995	1,680	85	3,760	202	2,985	3,187	804	1,111	1,915	8,862
5:00am	0	3,342	3,132	186	6,660	385	5,345	5,730	2,474	3,347	5,821	18,211
6:00am	3,928	2,812	4,128	709	11,577	1,220	7,462	8,682	3,467	6,105	9,572	29,831
7:00am	4,071	3,476	4,097	2,013	13,657	2,927	7,537	10,464	3,441	4,895	8,336	32,457
8:00am	4,263	3,339	3,775	3,193	14,570	4,698	6,678	11,376	3,233	3,711	6,944	32,890
9:00am	3,813	2,779	3,604	3,716	13,912	5,816	5,836	11,652	3,119	4,533	7,652	33,216
10:00am	3,553	2,207	3,342	2,555	11,657	5,502	4,910	10,412	3,286	4,319	7,605	29,674
11:00am	3,033	1,979	3,164	1,563	9,739	3,902	4,480	8,382	2,528	3,251	5,779	23,900
12:00pm	3,097	1,877	3,072	1,326	9,372	3,867	4,464	8,331	2,341	3,135	5,476	23,179
1:00pm	3,343	1,959	3,193	1,577	10,072	3,637	4,830	8,467	2,289	3,015	5,304	23,843
2:00pm	3,750	2,073	3,443	1,534	10,800	3,415	5,438	8,853	2,639	2,898	5,537	25,190
3:00pm	3,716	1,724	3,349	1,496	10,285	3,627	5,389	9,016	3,079	2,874	5,953	25,254
4:00pm	4,007	1,629	3,329	1,523	10,488	4,482	5,326	9,808	3,078	2,251	5,329	25,625
5:00pm	4,216	1,787	3,553	1,580	11,136	4,510	5,395	9,905	3,527	2,028	5,555	26,596
6:00pm	3,461	1,741	3,297	1,568	10,067	4,496	5,095	9,591	3,270	1,721	4,991	24,649
7:00pm	3,189	1,667	2,974	1,380	9,210	3,258	4,309	7,567	2,289	2,932	5,221	21,998
8:00pm	3,290	1,660	3,070	999	9,019	2,885	3,825	6,710	2,042	2,159	4,201	19,930
9:00pm	3,077	1,851	3,033	736	8,697	2,601	3,660	6,261	1,893	2,060	3,953	18,911
10:00pm	0	4,163	3,083	626	7,872	2,072	3,875	5,947	1,807	1,843	3,650	17,469
11:00pm	0	3,982	2,701	660	7,343	1,897	3,363	5,260	1,397	1,607	3,004	15,607
<b>TOTAL</b>	<b>57,807</b>	<b>54,339</b>	<b>71,102</b>	<b>30,011</b>	<b>213,259</b>	<b>68,324</b>	<b>106,886</b>	<b>175,210</b>	<b>54,008</b>	<b>62,302</b>	<b>116,310</b>	<b>504,779</b>

**SECTION D**  
**AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY**  
**BROOKLYN, QUEENS, and NEW JERSEY SECTORS, 2012-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	1,993	2,744	2,851	1,050	8,638	1,933	5,192	7,125	1,154	1,867	3,021	18,784
1:00am	1,140	1,809	1,847	687	5,483	1,245	3,315	4,560	1,138	1,375	2,513	12,556
2:00am	685	1,249	1,351	293	3,578	721	2,150	2,871	651	677	1,328	7,777
3:00am	512	993	1,024	142	2,671	383	1,761	2,144	605	579	1,184	5,999
4:00am	713	1,048	1,186	99	3,046	277	2,235	2,512	879	697	1,576	7,134
5:00am	1,630	1,718	1,760	104	5,212	643	2,945	3,588	1,575	1,075	2,650	11,450
6:00am	2,853	2,187	2,671	169	7,880	1,224	4,485	5,709	2,551	1,695	4,246	17,835
7:00am	3,230	2,513	3,109	426	9,278	2,193	4,469	6,662	3,031	2,177	5,208	21,148
8:00am	3,653	2,770	3,133	784	10,340	2,201	3,750	5,951	3,024	1,429	4,453	20,744
9:00am	3,377	2,415	2,720	981	9,493	2,183	3,213	5,396	2,555	2,121	4,676	19,565
10:00am	3,127	2,623	2,803	991	9,544	2,007	3,756	5,763	2,758	2,703	5,461	20,768
11:00am	3,133	2,612	2,980	899	9,624	2,470	4,196	6,666	2,407	2,882	5,289	21,579
12:00pm	3,392	2,642	3,012	1,292	10,338	2,831	4,431	7,262	2,411	3,643	6,054	23,654
1:00pm	3,156	2,843	3,011	1,302	10,312	3,273	4,596	7,869	2,640	3,912	6,552	24,733
2:00pm	3,449	3,259	3,415	1,442	11,565	3,737	5,206	8,943	3,338	5,033	8,371	28,879
3:00pm	4,172	3,496	3,597	1,725	12,990	4,399	6,549	10,948	3,707	5,434	9,141	33,079
4:00pm	4,481	4,139	4,319	2,256	15,195	4,722	6,831	11,553	2,949	6,394	9,343	36,091
5:00pm	4,276	4,060	4,283	2,836	15,455	4,672	6,527	11,199	2,577	6,946	9,523	36,177
6:00pm	4,100	4,015	4,070	2,964	15,149	4,647	5,509	10,156	3,102	4,876	7,978	33,283
7:00pm	3,940	3,955	3,980	2,644	14,519	4,144	5,680	9,824	2,519	5,392	7,911	32,254
8:00pm	4,180	3,512	3,852	2,726	14,270	3,475	5,759	9,234	3,107	4,977	8,084	31,588
9:00pm	3,916	3,312	3,687	1,953	12,868	3,240	5,368	8,608	2,867	4,073	6,940	28,416
10:00pm	1,503	3,540	3,470	1,870	10,383	3,495	5,376	8,871	2,466	3,925	6,391	25,645
11:00pm	2,380	3,707	3,589	1,423	11,099	2,951	5,549	8,500	2,368	3,709	6,077	25,676
<b>TOTAL</b>	<b>68,991</b>	<b>67,161</b>	<b>71,720</b>	<b>31,058</b>	<b>238,930</b>	<b>63,066</b>	<b>108,848</b>	<b>171,914</b>	<b>56,379</b>	<b>77,591</b>	<b>133,970</b>	<b>544,814</b>

**SECTION E**  
**AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY SECTOR, SUMMARY- 2012**

**INBOUND**

**OUTBOUND**

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	7,422	4,203	2,840	1,184	15,649
1:00am	4,386	2,765	1,951	901	10,003
2:00am	3,113	2,012	1,423	678	7,226
3:00am	3,002	1,868	1,569	710	7,149
4:00am	4,493	3,039	2,658	1,470	11,660
5:00am	9,138	5,384	4,777	4,471	23,770
6:00am	15,896	9,623	7,578	7,701	40,798
7:00am	18,800	11,604	8,953	6,649	46,006
8:00am	20,301	12,275	9,371	5,381	47,328
9:00am	18,971	11,754	9,286	6,126	46,137
10:00am	17,038	9,698	8,267	6,227	41,230
11:00am	16,102	8,146	6,712	4,711	35,671
12:00pm	16,058	7,735	6,606	4,245	34,644
1:00pm	15,786	8,331	6,647	4,126	34,890
2:00pm	16,455	8,809	6,896	4,209	36,369
3:00pm	17,183	8,749	7,063	4,624	37,619
4:00pm	17,211	8,883	7,390	4,013	37,497
5:00pm	18,231	9,294	7,606	4,111	39,242
6:00pm	18,090	8,769	7,298	3,854	38,011
7:00pm	17,334	8,026	5,945	3,645	34,950
8:00pm	15,656	7,577	5,351	3,250	31,834
9:00pm	14,802	7,284	5,003	3,056	30,145
10:00pm	13,879	6,392	4,791	2,826	27,888
11:00pm	12,073	5,968	4,231	2,318	24,590
<b>TOTAL</b>	<b>331,420</b>	<b>178,188</b>	<b>140,212</b>	<b>90,486</b>	<b>740,306</b>

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	8,343	6,386	5,401	2,293	22,423
1:00am	4,878	4,055	3,455	1,932	14,320
2:00am	3,306	2,629	2,185	1,029	9,149
3:00am	2,927	1,949	1,656	921	7,453
4:00am	4,274	2,218	1,967	1,236	9,695
5:00am	7,396	3,778	2,771	2,092	16,037
6:00am	13,473	5,532	3,898	3,420	26,323
7:00am	18,946	6,612	4,428	4,059	34,045
8:00am	19,110	7,401	4,082	3,500	34,093
9:00am	18,078	6,827	3,807	3,567	32,279
10:00am	17,191	6,930	4,374	4,176	32,671
11:00am	16,550	7,034	5,115	4,101	32,800
12:00pm	16,278	7,610	5,570	4,591	34,049
1:00pm	16,918	7,776	6,115	5,031	35,840
2:00pm	17,908	8,689	6,850	6,183	39,630
3:00pm	19,459	10,222	8,325	6,916	44,922
4:00pm	18,890	11,426	8,859	7,235	46,410
5:00pm	20,021	11,573	8,453	7,329	47,376
6:00pm	20,421	11,235	7,513	6,097	45,266
7:00pm	19,284	10,841	7,279	6,089	43,493
8:00pm	17,788	10,693	6,849	6,138	41,468
9:00pm	17,132	9,575	6,384	5,298	38,389
10:00pm	16,355	7,754	6,556	4,854	35,519
11:00pm	13,265	8,205	6,343	4,619	32,432
<b>TOTAL</b>	<b>348,191</b>	<b>176,950</b>	<b>128,235</b>	<b>102,706</b>	<b>756,082</b>

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**SECTION E**  
**AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY**  
**60<sup>TH</sup> STREET SECTOR, 2012-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	1,498	478	1,588	861	354	362	-	560	749	334	638	7,422
1:00am	806	230	1,010	532	177	246	-	341	483	185	376	4,386
2:00am	603	155	748	351	96	222	-	211	319	106	302	3,113
3:00am	617	149	719	284	77	344	-	162	257	85	308	3,002
4:00am	1,142	316	948	347	84	605	-	156	286	107	502	4,493
5:00am	2,712	679	1,395	516	147	1267	-	248	441	171	1,562	9,138
6:00am	4,499	809	1,858	919	390	1699	-	533	753	387	4,049	15,896
7:00am	4,998	734	1,897	1312	1,140	1523	-	919	886	794	4,597	18,800
8:00am	4,985	827	1,700	1430	1,513	1382	887	1013	1,155	995	4,414	20,301
9:00am	4,681	821	1,611	1360	1,327	1302	873	1011	1,116	871	3,998	18,971
10:00am	4,286	939	1,821	1317	1,193	1264	75	1,058	970	763	3,352	17,038
11:00am	4,046	1128	1,796	1227	1,029	1165	-	969	1,012	747	2,983	16,102
12:00pm	4,185	1188	1,796	1210	1,084	1127	-	1,014	1,049	778	2,627	16,058
1:00pm	4,035	1136	1,831	1193	1,112	1157	-	1,016	1,022	765	2,519	15,786
2:00pm	4,316	1233	1,935	1235	1,041	1140	-	1,013	1,019	808	2,715	16,455
3:00pm	4,411	1336	2,054	1206	1,076	1100	-	963	1,114	841	3,082	17,183
4:00pm	4,607	1213	1,916	1364	880	1103	-	902	1,073	798	3,355	17,211
5:00pm	4,657	1197	1,973	1467	1,150	1165	-	984	1,126	797	3,715	18,231
6:00pm	4,688	1140	1,285	1471	1,227	1470	-	1,046	1,281	991	3,491	18,090
7:00pm	4,479	1036	1,449	1497	1,176	1380	-	1,079	1,362	1020	2,856	17,334
8:00pm	3,850	1012	1,492	1487	1,117	1431	-	922	1,264	980	2,101	15,656
9:00pm	3,373	904	1,412	1508	1,069	1613	-	932	1,234	835	1,922	14,802
10:00pm	3,205	918	1,300	1497	1,120	1349	-	1,013	1,216	821	1,440	13,879
11:00pm	2,819	803	1,321	1354	905	865	-	928	1,132	702	1,244	12,073
<b>TOTAL</b>	<b>83,498</b>	<b>20,381</b>	<b>36,855</b>	<b>26,945</b>	<b>20,484</b>	<b>26,281</b>	<b>1,835</b>	<b>18,993</b>	<b>22,319</b>	<b>15,681</b>	<b>58,148</b>	<b>331,420</b>

**Note:** Volumes for the four East River bridges, and for the 60<sup>th</sup> 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, 2012-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	1,556	235	840	758	1,006	266	774	-	383	394	560	126	1,445	8,343
1:00am	803	119	547	470	682	135	430	-	223	255	350	62	802	4,878
2:00am	513	93	396	382	483	73	259	-	145	156	234	48	524	3,306
3:00am	424	96	354	514	396	54	220	-	106	113	208	38	404	2,927
4:00am	665	157	498	1,065	521	73	236	-	128	131	265	65	470	4,274
5:00am	1,480	285	738	2,131	660	141	358	-	210	182	439	130	642	7,396
6:00am	3,287	717	1,551	2,135	1,122	454	822	-	400	360	884	339	1,402	13,473
7:00am	3,927	1,098	2,060	2,164	1,546	1,238	1,380	222	692	612	1,255	517	2,235	18,946
8:00am	3,846	1,032	2,091	1,831	1,667	1,409	1,388	354	732	630	1,291	528	2,311	19,110
9:00am	3,384	983	1,970	2,004	1,591	1,265	1,256	363	734	596	1,338	626	1,968	18,078
10:00am	3,229	819	1,821	1,749	1,525	1,200	1,124	331	680	634	1,351	632	2,096	17,191
11:00am	3,154	788	1,714	1,577	1,415	1,116	1,148	316	700	582	1,255	564	2,221	16,550
12:00pm	3,173	793	1,561	1,560	1,317	1,128	1,103	349	677	635	1,214	486	2,282	16,278
1:00pm	3,429	790	1,631	1,675	1,335	1,058	1,145	363	685	613	1,265	447	2,482	16,918
2:00pm	3,656	918	1,721	1,794	1,372	1,116	1,129	400	736	625	1,291	472	2,678	17,908
3:00pm	3,998	950	1,853	1,688	1,324	1,164	1,173	529	750	654	1,395	477	3,504	19,459
4:00pm	4,011	906	1,743	1,661	1,099	1,085	1,167	602	714	603	1,359	567	3,373	18,890
5:00pm	4,013	905	1,959	1,713	1,292	1,344	1,204	678	852	727	1,377	684	3,273	20,021
6:00pm	3,793	879	2,054	1,544	1,503	1,313	1,418	604	875	825	1,518	638	3,457	20,421
7:00pm	3,661	749	1,952	1,485	1,592	1,297	1,668	-	943	887	1,428	481	3,141	19,284
8:00pm	3,458	630	1,779	1,412	1,513	1,034	1,718	-	846	724	1,188	364	3,122	17,788
9:00pm	3,147	560	1,551	1,406	1,525	903	1,750	-	865	711	1,282	339	3,093	17,132
10:00pm	2,667	548	1,567	1,460	1,452	827	1,683	-	886	690	1,236	396	2,943	16,355
11:00pm	2,339	388	1,321	1,231	1,378	544	1,370	-	555	553	959	302	2,325	13,265
<b>TOTAL</b>	<b>67,613</b>	<b>15,438</b>	<b>35,272</b>	<b>35,409</b>	<b>29,316</b>	<b>20,237</b>	<b>25,923</b>	<b>5,111</b>	<b>14,517</b>	<b>12,892</b>	<b>24,942</b>	<b>9,328</b>	<b>52,193</b>	<b>348,191</b>

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**Note:** Volumes for the four East River bridges, and for the 60<sup>th</sup> 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**  
**BROOKLYN, QUEENS, and NEW JERSEY SECTORS, 2012-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	1,973	1,772	458	4,203	958	1,882	2,840	595	589	1,184	8,227
1:00am	0	1,265	1,250	250	2,765	694	1,257	1,951	423	478	901	5,617
2:00am	0	899	1,020	93	2,012	349	1,074	1,423	299	379	678	4,113
3:00am	0	940	864	64	1,868	166	1,403	1,569	326	384	710	4,147
4:00am	0	1,609	1,355	75	3,039	150	2,508	2,658	659	811	1,470	7,167
5:00am	0	2,695	2,526	163	5,384	285	4,492	4,777	2,028	2,443	4,471	14,632
6:00am	3,386	2,214	3,384	639	9,623	1,089	6,489	7,578	3,041	4,660	7,701	24,902
7:00am	3,635	2,781	3,358	1,830	11,604	2,399	6,554	8,953	2,941	3,708	6,649	27,206
8:00am	3,613	2,715	3,044	2,903	12,275	3,614	5,757	9,371	2,672	2,709	5,381	27,027
9:00am	3,287	2,259	2,860	3,348	11,754	4,340	4,946	9,286	2,666	3,460	6,126	27,166
10:00am	3,011	1,794	2,652	2,241	9,698	4,106	4,161	8,267	2,716	3,511	6,227	24,192
11:00am	2,757	1,596	2,434	1,359	8,146	2,979	3,733	6,712	2,089	2,622	4,711	19,569
12:00pm	2,647	1,526	2,419	1,143	7,735	2,886	3,720	6,606	1,888	2,357	4,245	18,586
1:00pm	2,882	1,567	2,534	1,348	8,331	2,655	3,992	6,647	1,876	2,250	4,126	19,104
2:00pm	3,205	1,559	2,711	1,334	8,809	2,439	4,457	6,896	2,030	2,179	4,209	19,914
3:00pm	3,231	1,425	2,745	1,348	8,749	2,609	4,454	7,063	2,463	2,161	4,624	20,436
4:00pm	3,425	1,369	2,729	1,360	8,883	2,988	4,402	7,390	2,482	1,531	4,013	20,286
5:00pm	3,543	1,465	2,912	1,374	9,294	3,110	4,496	7,606	2,777	1,334	4,111	21,011
6:00pm	3,265	1,393	2,771	1,340	8,769	3,122	4,176	7,298	2,616	1,238	3,854	19,921
7:00pm	2,980	1,344	2,542	1,160	8,026	2,413	3,532	5,945	1,846	1,799	3,645	17,616
8:00pm	2,886	1,339	2,476	876	7,577	2,137	3,214	5,351	1,674	1,576	3,250	16,178
9:00pm	2,699	1,493	2,446	646	7,284	1,927	3,076	5,003	1,552	1,504	3,056	15,343
10:00pm	0	3,357	2,486	549	6,392	1,535	3,256	4,791	1,481	1,345	2,826	14,009
11:00pm	0	3,211	2,178	579	5,968	1,405	2,826	4,231	1,145	1,173	2,318	12,517
<b>TOTAL</b>	<b>50,452</b>	<b>43,788</b>	<b>57,468</b>	<b>26,480</b>	<b>178,188</b>	<b>50,355</b>	<b>89,857</b>	<b>140,212</b>	<b>44,285</b>	<b>46,201</b>	<b>90,486</b>	<b>408,886</b>

**Note:** Volumes for the four East River bridges, and for the 60<sup>th</sup> 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**  
**BROOKLYN, QUEENS, and NEW JERSEY SECTORS, 2012-OUTBOUND**

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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	1,434	1,854	2,193	905	6,386	1,247	4,154	5,401	978	1,315	2,293	14,080
1:00am	820	1,222	1,421	592	4,055	803	2,652	3,455	964	968	1,932	9,442
2:00am	493	844	1,039	253	2,629	465	1,720	2,185	552	477	1,029	5,843
3:00am	368	671	788	122	1,949	247	1,409	1,656	513	408	921	4,526
4:00am	513	708	912	85	2,218	179	1,788	1,967	745	491	1,236	5,421
5:00am	1,173	1,161	1,354	90	3,778	415	2,356	2,771	1,335	757	2,092	8,641
6:00am	1,995	1,488	1,894	155	5,532	805	3,093	3,898	2,218	1,202	3,420	12,850
7:00am	2,243	1,757	2,221	391	6,612	1,388	3,040	4,428	2,547	1,512	4,059	15,099
8:00am	2,537	1,910	2,254	700	7,401	1,384	2,698	4,082	2,541	959	3,500	14,983
9:00am	2,297	1,632	2,045	853	6,827	1,373	2,434	3,807	2,094	1,473	3,567	14,201
10:00am	2,187	1,737	2,173	833	6,930	1,270	3,104	4,374	2,337	1,839	4,176	15,480
11:00am	2,222	1,753	2,310	749	7,034	1,647	3,468	5,115	2,057	2,044	4,101	16,250
12:00pm	2,406	1,773	2,372	1,059	7,610	1,815	3,755	5,570	2,061	2,530	4,591	17,771
1:00pm	2,355	1,908	2,428	1,085	7,776	2,153	3,962	6,115	2,276	2,755	5,031	18,922
2:00pm	2,555	2,158	2,754	1,222	8,689	2,475	4,375	6,850	2,805	3,378	6,183	21,722
3:00pm	3,137	2,497	3,101	1,487	10,222	2,913	5,412	8,325	3,089	3,827	6,916	25,463
4:00pm	3,295	2,778	3,374	1,979	11,426	2,970	5,889	8,859	2,499	4,736	7,235	27,520
5:00pm	3,144	2,781	3,245	2,403	11,573	3,014	5,439	8,453	2,184	5,145	7,329	27,355
6:00pm	3,037	2,624	3,083	2,491	11,235	2,960	4,553	7,513	2,564	3,533	6,097	24,845
7:00pm	3,008	2,535	3,038	2,260	10,841	2,623	4,656	7,279	2,153	3,936	6,089	24,209
8:00pm	3,007	2,373	2,963	2,350	10,693	2,242	4,607	6,849	2,633	3,505	6,138	23,680
9:00pm	2,817	2,238	2,836	1,684	9,575	2,090	4,294	6,384	2,430	2,868	5,298	21,257
10:00pm	1,081	2,392	2,669	1,612	7,754	2,255	4,301	6,556	2,090	2,764	4,854	19,164
11:00pm	1,712	2,505	2,761	1,227	8,205	1,904	4,439	6,343	2,007	2,612	4,619	19,167
<b>TOTAL</b>	<b>49,836</b>	<b>45,299</b>	<b>55,228</b>	<b>26,587</b>	<b>176,950</b>	<b>40,637</b>	<b>87,598</b>	<b>128,235</b>	<b>47,672</b>	<b>55,034</b>	<b>102,706</b>	<b>407,891</b>

**Note:** Volumes for the four East River bridges, and for the 60<sup>th</sup> 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  
2012-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	124	124	15	139
1:00am	0	0	0	91	91	9	100
2:00am	0	0	0	29	29	0	29
3:00am	0	0	0	46	46	0	46
4:00am	0	0	0	131	131	0	131
5:00am	0	0	146	354	500	14	514
6:00am	3	8	1,393	1,352	2,756	78	2,834
7:00am	103	8	3,381	3,314	6,806	256	7,062
8:00am	211	25	4,582	5,851	10,668	789	11,457
9:00am	137	9	1,772	5,856	7,774	412	8,186
10:00am	60	4	652	1,960	2,676	196	2,872
11:00am	66	1	364	1,771	2,202	217	2,419
12:00pm	66	1	383	2,009	2,459	153	2,612
1:00pm	52	0	363	1,662	2,077	159	2,236
2:00pm	62	2	285	1,788	2,137	157	2,294
3:00pm	80	0	244	1,805	2,129	189	2,318
4:00pm	82	1	384	1,562	2,029	175	2,204
5:00pm	53	2	650	1,807	2,512	156	2,668
6:00pm	78	1	398	1,447	1,924	163	2,087
7:00pm	45	0	205	843	1,093	90	1,183
8:00pm	14	1	100	616	731	64	795
9:00pm	0	0	40	518	558	53	611
10:00pm	0	0	22	340	362	37	399
11:00pm	0	0	3	254	257	39	296
<b>TOTAL</b>	<b>1,112</b>	<b>63</b>	<b>15,367</b>	<b>35,530</b>	<b>52,072</b>	<b>3,421</b>	<b>55,492</b>

**2012-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	708	730	44	774
1:00am	0	0	0	604	604	16	620
2:00am	0	0	0	234	234	1	235
3:00am	0	0	0	169	169	0	169
4:00am	0	0	0	107	107	0	107
5:00am	0	0	0	98	98	2	100
6:00am	0	2	41	319	362	37	399
7:00am	3	15	281	526	825	83	908
8:00am	7	19	477	664	1,167	82	1,249
9:00am	8	32	327	820	1,187	92	1,279
10:00am	5	27	164	1,034	1,230	97	1,327
11:00am	12	19	211	1,312	1,554	121	1,675
12:00pm	33	27	274	1,695	2,029	105	2,134
1:00pm	29	29	405	1,805	2,268	108	2,376
2:00pm	62	35	424	2,076	2,597	154	2,751
3:00pm	82	54	808	2,122	3,066	238	3,304
4:00pm	107	54	1,788	3,077	5,026	244	5,270
5:00pm	166	118	3,500	4,714	8,498	378	8,876
6:00pm	197	142	3,283	5,544	9,166	497	9,663
7:00pm	81	46	1,638	3,617	5,382	415	5,797
8:00pm	0	22	510	2,256	2,788	253	3,041
9:00pm	0	0	410	1,722	2,132	187	2,319
10:00pm	0	0	252	1,315	1,567	101	1,668
11:00pm	0	0	97	887	984	83	1,067
<b>TOTAL</b>	<b>792</b>	<b>641</b>	<b>14,912</b>	<b>37,425</b>	<b>53,770</b>	<b>3,338</b>	<b>56,041</b>

**SECTION G**  
**BICYCLE VOLUMES BY SECTOR**  
**SUMMARY, 2012-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	208	183	106	3	500
7:00am	490	507	201	2	1,200
8:00am	744	1,281	260	9	2,294
9:00am	699	1,370	249	0	2,318
10:00am	596	732	171	2	1,501
11:00am	698	365	126	6	1,195
12:00pm	944	340	78	5	1,367
1:00pm	875	322	56	4	1,257
2:00pm	743	299	82	19	1,143
3:00pm	746	349	79	12	1,186
4:00pm	762	298	75	19	1,154
5:00pm	1,010	328	88	27	1,453
6:00pm	1,199	266	54	22	1,541
7:00pm	1,056	181	48	22	1,307
8:00pm	810	121	29	8	968
9:00pm	681	94	16	11	802
10:00pm	453	91	14	12	570
11:00pm	202	82	16	5	305
<b>TOTAL</b>	<b>12,916</b>	<b>7,209</b>	<b>1,748</b>	<b>188</b>	<b>22,061</b>

**SUMMARY, 2012-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	180	38	19	10	247
7:00am	326	67	32	16	441
8:00am	403	99	39	9	550
9:00am	515	113	29	6	663
10:00a	508	119	29	4	660
11:00a	670	146	28	2	846
12:00p	856	177	40	3	1,076
1:00pm	795	238	43	0	1,076
2:00pm	748	269	76	1	1,094
3:00pm	733	304	74	3	1,114
4:00pm	832	422	172	0	1,426
5:00pm	1,075	792	208	1	2,076
6:00pm	1,328	1,216	246	2	2,792
7:00pm	1,307	902	159	3	2,371
8:00pm	1,059	612	151	0	1,822
9:00pm	800	483	114	1	1,398
10:00p	577	415	130	0	1,122
11:00p	306	315	151	1	773
<b>TOTAL</b>	<b>13,018</b>	<b>6,727</b>	<b>1,740</b>	<b>62</b>	<b>21,547</b>

SECTION G  
 BICYCLE VOLUMES BY FACILITY  
 60<sup>TH</sup> STREET SECTOR, 2012-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	1	45	-	5	6	-	27	1	7	18	-	16	1	2	-	79	208
7:00am	9	90	1	19	11	-	36	1	52	27	-	29	1	10	2	202	490
8:00am	1	134	-	18	18	-	65	1	40	59	1	38	3	13	7	346	744
9:00am	4	95	-	24	25	1	60	1	33	48	2	39	6	20	4	337	699
10:00am	3	106	3	38	20	1	80	1	34	45	4	42	1	12	3	203	596
11:00am	4	106	-	57	68	5	125	6	32	55	5	43	3	14	1	174	698
12:00pm	4	99	8	132	97	6	153	6	62	56	7	116	11	33	1	153	944
1:00pm	3	101	6	78	59	5	152	5	72	44	13	133	5	18	5	176	875
2:00pm	3	104	4	44	34	7	111	8	68	49	9	99	8	35	2	158	743
3:00pm	4	56	5	61	46	2	126	6	68	64	7	104	13	18	2	164	746
4:00pm	-	74	1	35	37	1	174	-	75	86	10	88	7	16	2	156	762
5:00pm	16	124	2	46	47	1	273	1	87	73	7	108	10	23	-	192	1,010
6:00pm	5	134	3	74	89	1	272	6	110	65	12	156	7	24	5	236	1,199
7:00pm	7	115	4	97	78	4	214	17	120	61	30	152	8	23	3	123	1,056
8:00pm	9	112	6	84	45	1	161	3	98	39	11	143	18	13	2	65	810
9:00pm	4	82	2	51	32	6	104	-	91	96	18	116	11	29	3	36	681
10:00pm	3	36	-	22	11	-	38	3	76	99	6	101	12	20	-	26	453
11:00pm	1	19	-	10	7	-	25	1	46	23	3	35	3	14	-	15	202
<b>TOTAL</b>	<b>81</b>	<b>1,632</b>	<b>45</b>	<b>895</b>	<b>730</b>	<b>41</b>	<b>2,196</b>	<b>67</b>	<b>1,171</b>	<b>1,007</b>	<b>145</b>	<b>1,558</b>	<b>128</b>	<b>337</b>	<b>42</b>	<b>2,841</b>	<b>12,916</b>

**SECTION G**  
**BICYCLE VOLUMES BY LOCATION**  
**60<sup>TH</sup> STREET SECTOR, 2012-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	33	-	15	-	1	14	-	24	-	-	19	3	4	3	1	63	180
7:00am	72	3	22	-	4	10	-	39	1	1	25	1	9	12	2	125	326
8:00am	88	1	31	4	7	18	1	50	1	3	27	2	10	5	8	147	403
9:00am	79	1	42	-	25	25	1	67	-	4	56	3	40	17	3	152	515
10:00am	63	1	42	3	15	46	1	83	-	4	69	2	22	3	1	153	508
11:00am	48	2	89	4	51	90	-	125	-	3	81	1	19	6	1	150	670
12:00pm	50	4	118	3	55	124	4	164	4	9	100	11	52	22	1	135	856
1:00pm	63	8	100	-	45	118	3	148	2	9	81	8	51	12	2	145	795
2:00pm	58	8	81	1	28	79	3	153	3	11	95	19	61	15	2	131	748
3:00pm	100	-	60	-	24	90	2	141	3	8	84	13	47	8	3	150	733
4:00pm	89	4	68	1	28	95	2	168	2	7	104	11	48	17	3	185	832
5:00pm	94	2	68	3	26	87	-	266	5	6	121	9	59	26	9	294	1,075
6:00pm	75	4	73	11	62	95	1	371	1	12	162	17	69	8	9	358	1,328
7:00pm	127	7	129	9	73	97	4	369	4	13	156	22	83	12	4	198	1,307
8:00pm	115	12	140	3	50	78	2	228	5	8	170	27	97	10	5	109	1,059
9:00pm	78	3	91	1	19	56	1	172	2	18	173	16	73	23	2	72	800
10:00pm	61	-	46	1	25	23	2	109	5	9	138	16	68	16	-	58	577
11:00pm	55	2	20	1	15	6	1	75	1	7	59	8	15	8	2	31	306
<b>TOTAL</b>	<b>1,348</b>	<b>62</b>	<b>1,235</b>	<b>45</b>	<b>553</b>	<b>1,151</b>	<b>28</b>	<b>2,752</b>	<b>39</b>	<b>132</b>	<b>1,720</b>	<b>189</b>	<b>827</b>	<b>223</b>	<b>58</b>	<b>2,656</b>	<b>13,018</b>

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**SECTION G  
BICYCLE VOLUMES BY LOCATION  
2012-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	72	66	45	183	106	3	292
7:00am	205	125	177	507	201	2	710
8:00am	490	301	490	1,281	260	9	1,550
9:00am	645	234	491	1,370	249	0	1,619
10:00am	364	101	267	732	171	2	905
11:00am	191	55	119	365	126	6	497
12:00pm	154	56	130	340	78	5	423
1:00pm	148	55	119	322	56	4	382
2:00pm	172	41	86	299	82	19	400
3:00pm	174	52	123	349	79	12	440
4:00pm	120	47	131	298	75	19	392
5:00pm	145	43	140	328	88	27	443
6:00pm	126	43	97	266	54	22	342
7:00pm	86	27	68	181	48	22	251
8:00pm	57	16	48	121	29	8	158
9:00pm	44	21	29	94	16	11	121
10:00pm	50	11	30	91	14	12	117
11:00pm	67	4	11	82	16	5	103
<b>TOTAL</b>	<b>3,310</b>	<b>1,298</b>	<b>2,601</b>	<b>7,209</b>	<b>1,748</b>	<b>188</b>	<b>9,145</b>

**2012-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	20	11	7	38	19	10	67
7:00am	33	17	17	67	32	16	115
8:00am	37	28	34	99	39	9	147
9:00am	53	15	45	113	29	6	148
10:00am	54	24	41	119	29	4	152
11:00am	56	40	50	146	28	2	176
12:00pm	60	58	59	177	40	3	220
1:00pm	72	54	112	238	43	0	281
2:00pm	118	80	71	269	76	1	346
3:00pm	129	73	102	304	74	3	381
4:00pm	208	83	131	422	172	0	594
5:00pm	311	157	324	792	208	1	1,001
6:00pm	495	240	481	1,216	246	2	1,464
7:00pm	407	158	337	902	159	3	1,064
8:00pm	302	98	212	612	151	0	763
9:00pm	251	57	175	483	114	1	598
10:00pm	215	62	138	415	130	0	545
11:00pm	200	27	88	315	151	1	467
<b>TOTAL</b>	<b>3,021</b>	<b>1,282</b>	<b>2,424</b>	<b>6,727</b>	<b>1,740</b>	<b>62</b>	<b>8,529</b>

# **Appendix IV**

## **List of Data Sources - 2012**



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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 50<sup>th</sup> Street ScreenLines.

## **Motor Vehicles**

This information is generated from:

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