



New York Metropolitan Transportation Council



Travel Data

HUB Bound 2013



December 2014 >>

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About NYMTC:

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Data Availability:

The data contained in this report is available for download in Excel format at www.nymtc.org, under **Data and Modeling**.

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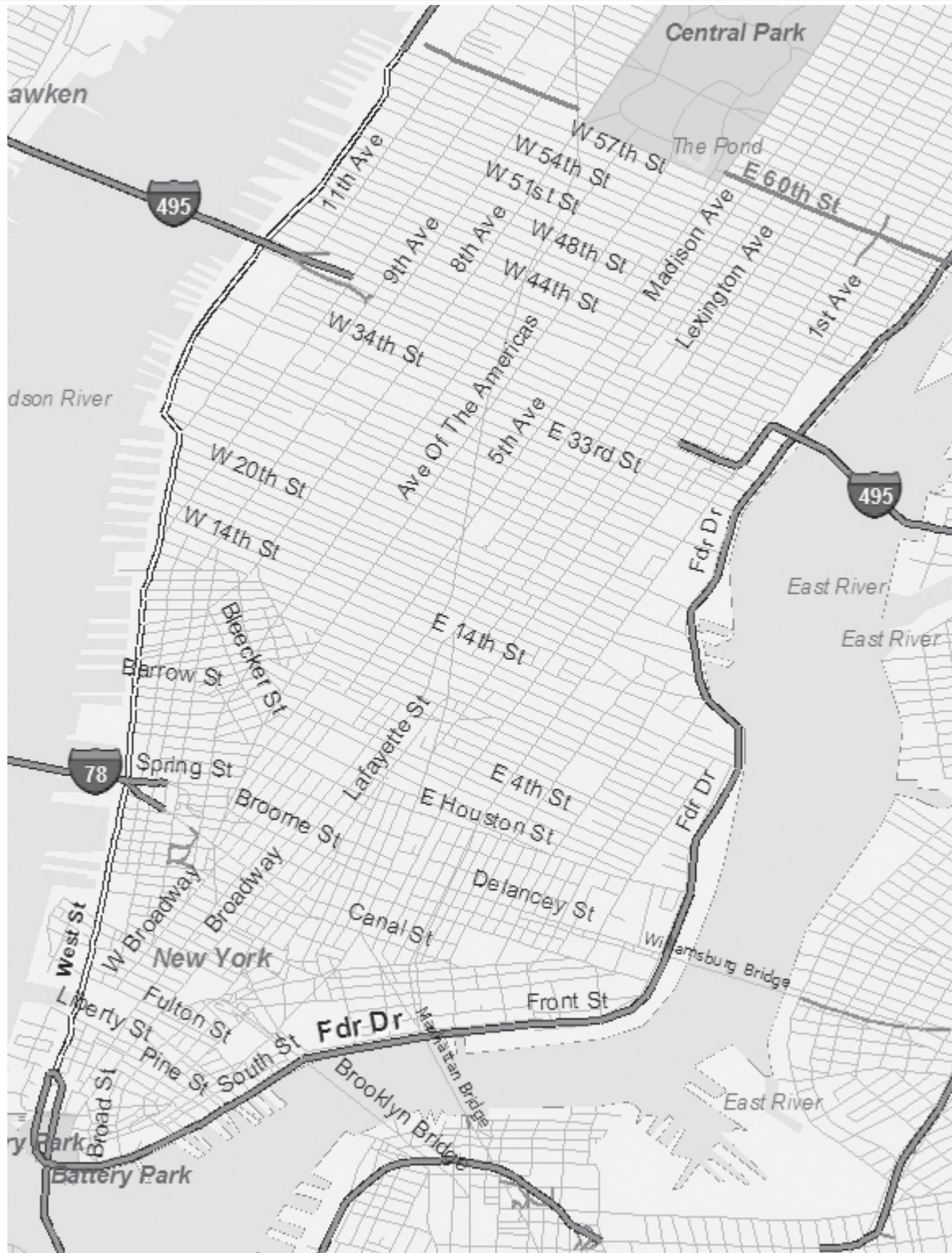
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MANHATTAN CENTRAL BUSINESS DISTRICT MAP



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 2013

SECTOR / MODE	Entering	Leaving	Total
60TH STREET			
SUBWAY	834,306	809,732	1,644,038
AUTOS, TAXIS, VANS AND TRUCKS	433,513	450,841	884,354
BUS	39,532	40,099	79,631
SUBURBAN AND INTERCITY RAIL	107,388	105,532	212,920
FERRY	-	-	-
BICYCLE	17,264	17,788	35,052
TOTAL 60TH STREET SECTOR - ALL MODES	1,432,003	1,423,992	2,855,995
BROOKLYN			
SUBWAY	790,568	763,873	1,554,441
AUTOS, TAXIS, VANS AND TRUCKS	220,729	235,123	455,852
BUS	22,629	21,025	43,654
SUBURBAN AND INTERCITY RAIL	-	-	-
FERRY	136	177	313
BICYCLE	8,917	8,247	17,164
TOTAL BROOKLYN SECTOR - ALL MODES	1,042,979	1,028,445	2,071,424
QUEENS (and TRAMWAY)			
SUBWAY	481,627	486,346	967,973
AUTOS, TAXIS, VANS AND TRUCKS	165,197	169,859	335,056
BUS	14,087	10,331	24,418
SUBURBAN AND INTERCITY RAIL	116,509	114,465	230,974
FERRY	-	702	702
BICYCLE	2,271	2,091	4,362
TRAMWAY	3,502	3,578	7,080
TOTAL QUEENS SECTOR - ALL MODES	783,193	787,372	1,570,565
NEW JERSEY			
SUBWAY and PATH	116,241	115,278	231,519
AUTOS, TAXIS, VANS AND TRUCKS	115,032	124,173	239,205
BUS	191,988	192,336	384,324
SUBURBAN AND INTERCITY RAIL	85,869	86,777	172,646
FERRY	14,930	14,309	29,239
BICYCLE	-	-	-
TOTAL NEW JERSEY SECTOR - ALL MODES	524,060	532,873	1,056,933
STATEN ISLAND (via FERRY)			
SUBWAY	-	-	-
AUTOS, TAXIS, VANS AND TRUCKS	-	-	-
BUS	-	-	-
SUBURBAN AND INTERCITY RAIL	-	-	-
FERRY	34,199	33,100	67,299
BICYCLE	59	150	209
TOTAL STATEN ISLAND (via FERRY)	34,258	33,250	67,508
ALL SECTORS			
SUBWAY	2,222,742	2,175,229	4,397,971
AUTOS, TAXIS, VANS AND TRUCKS	934,471	979,996	1,914,467
BUS	268,236	263,791	532,027
SUBURBAN AND INTERCITY RAIL	309,766	306,774	616,540
FERRY	49,265	48,288	97,553
BICYCLE	28,511	28,276	56,787
TRAMWAY	3,502	3,578	7,080
TOTAL ALL SECTORS - ALL MODES	3,816,493	3,805,932	7,622,425

Appendix I

Time Series Tables - 2013

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	
PERSONS BY MODE																		
AUTO, TAXI, VAN & TRUCK	516	19.1%	619	18.9%	657	17.8%	828	25.0%	954	28.5%	846	25.7%	914	28.9%	895	29.8%	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	0.012	36	1.1%	31	1.0%	4	0.1%
TOTAL	2,697	-	3,271	-	3,691	-	3,313	-	3,349	-	3,290	-	3,167	-	3,008	-	3,013	-
PERSONS BY SECTOR																		
NORTH OF 60TH STREET	1,046	38.8%	1,320	40.4%	1,599	43.3%	1,422	42.9%	1,441	43.0%	1,388	42.2%	1,279	40.4%	1,209	40.2%	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%
TOTAL	2,697	-	3,271	-	3,691	-	3,313	-	3,349	-	3,290	-	3,167	-	3,008	-	3,013	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																		
NORTH OF 60TH STREET	150	51.2%	191	54.4%	209	53.9%	259	49.9%	293	49.7%	273	48.8%	310	48.0%	288	45.9%	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%
TOTAL	293	-	351	-	388	-	519	-	590	-	559	-	646	-	628	-	648	-

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	
PERSONS BY MODE																		
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%
TOTAL	3,074	-	3,233	-	3,362	-	3,392	-	3,475	-	3,322	-	3,335	-	3,330	-	3,382	-
PERSONS BY SECTOR																		
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%
TOTAL	3,074	-	3,233	-	3,362	-	3,392	-	3,475	-	3,322	-	3,336	-	3,330	-	3,382	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																		
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%
TOTAL	679	-	701	-	770	-	753	-	766	-	761	-	776	-	760	-	755	-

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	
PERSONS BY MODE																		
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%
TOTAL	3,410	-	3,454	-	3,546	-	3,670	-	3,790	-	3,839	-	3,471	-	3,657	-	3,621	-
PERSONS BY SECTOR																		
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%
TOTAL	3,410	-	3,433	-	3,544	-	3,669	-	3,790	-	3,839	-	3,471	-	3,657	-	3,621	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																		
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%	96.818	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%
TOTAL	772	-	776	-	809	-	836	-	844	-	825	-	689	-	785	-	810	-

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		2013	
PERSONS BY MODE																				
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%	934	24.5%
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%	268	7.0%
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%	2,223	58.2%
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%	310	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%	49	1.3%
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%	4	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%	29	0.7%
TOTAL	3,682	-	3,569	-	3,600	-	3,740	-	3,799	-	3,597	-	3,688	-	3,662	-	3,755	-	3,816	-
PERSONS BY SECTOR																				
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%	1,432	37.5%
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%	1,043	27.3%
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%	780	20.4%
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%	524	13.7%
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%	34	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%	4	0.1%
TOTAL	3,682	-	3,569	-	3,600	-	3,740	-	3,799	-	3,597	-	3,688	-	3,662	-	3,755	-	3,816	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																				
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%	329	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%	184	25.1%
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%	132	18.0%
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%	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%	0	0.0%
TOTAL	815	-	798	-	794	-	783	-	739	-	750	-	767	-	748	-	740	-	736	-

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	1993		1994		1995		1996		1997		1998		2000		2001		2002		2003	
AUTO, TAXI, VAN & TRUCK	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%	239	17.2%
BUS	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%	140	10.1%
SUBWAY	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%	787	56.7%
RAILROAD	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%	184	13.2%
PASSENGER FERRY	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%	36	2.6%
TRAMWAY	-	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%	1	0.0%
BICYCLE	-	-	-	-	2	0	2	0	1	0.1%	2	0.1%	1	0.1%	1	0.1%	2	0.1%	2	0.2%
TOTAL	1,381	-	1,396	-	1,385	-	1,403	-	1,412	-	1,433	-	1,536	-	1,368	-	1,408	-	1,388	-
YEAR / MODE	2004		2005		2006		2007		2008		2009		2010		2011		2012		2013	
AUTO, TAXI, VAN & TRUCK	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%	173	12.2%
BUS	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%	133	9.3%
SUBWAY	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%	900	63.3%
RAILROAD	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%	185	13.0%
PASSENGER FERRY	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%	22	1.5%
TRAMWAY	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%	1	0.1%
BICYCLE	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%	8	0.6%
TOTAL	1,372	-	1,346	-	1,328	-	1,460	-	1,448	-	1,327	-	1,353	-	1,368	-	1,361	-	1,422	-

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%
2013	6.5%	18.5%	19.6%	43.5%	16.3%	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
2013	3,816,493	1,422,360	622,269	2,349,685

* Estimated non-agricultural employment data estimated based on New York State Department of Labor.

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 AC-CUM.	MAXIMUM TRAVELER ACCUM.	CBD BASED VEHICLES *	MAXIMUM CBD ACCUM.	TIME OF MAXIMUM AC-CUM.
1971	1,545,000	508,000	2,053,000	01:00 PM	109,500	96,400	205,900	1:00pm
1973	1,407,000	507,000	1,914,000	01:00 PM	89,300	92,800	182,100	2:00pm
1974	1,411,000	510,000	1,921,000	01:00 PM	85,700	90,000	175,700	2:00pm
1975	1,402,000	502,000	1,904,000	01:00 PM	84,400	88,500	172,900	2:00pm
1976	1,319,000	507,000	1,826,000	01:00 PM	93,500	82,300	175,800	1:00pm
1977	1,356,000	505,000	1,861,000	01:00 PM	97,400	79,600	177,000	2:00pm
1978	1,329,000	503,000	1,832,000	01:00 PM	96,900	79,800	176,700	2:00pm
1979	1,388,000	504,000	1,892,000	02:00 PM	101,500	79,000	180,500	2:00pm
1980	1,436,000	508,000	1,944,000	01:00 PM	101,500	77,400	178,900	2:00pm
1981	1,446,000	508,000	1,954,000	01:00 PM	97,400	78,200	175,600	2:00pm
1982	1,487,000	508,000	1,995,000	01:00 PM	102,100	78,600	180,700	2:00pm
1983	1,500,000	507,000	2,007,000	01:00 PM	105,800	77,800	183,600	1:00pm
1984	1,511,000	513,000	2,024,000	01:00 PM	125,300	77,900	203,200	2:00pm
1985	1,471,000	521,000	1,992,000	01:00 PM	104,000	81,000	185,000	1:00pm
1986	1,485,000	525,000	2,010,000	01:00 PM	107,200	85,000	192,200	1:00pm
1987	1,448,000	526,000	1,974,000	01:00 PM	110,900	86,200	197,100	2:00pm
1988	1,447,000	530,000	1,977,000	02:00 PM	100,800	87,800	188,600	1:00pm
1989	1,481,000	531,000	2,012,000	01:00 PM	101,300	88,300	189,600	2:00pm
1990	1,318,000	528,000	1,846,000	01:00 PM	101,800	90,100	191,900	1:00pm
1991	1,325,000	530,000	1,855,000	01:00 PM	102,300	88,400	190,700	1:00pm
1992	1,262,000	529,000	1,791,000	01:00 PM	96,300	84,600	180,900	1:00pm
1993	1,250,000	530,900	1,780,900	01:00 PM	94,100	85,800	179,900	2:00pm
1994	1,273,000	535,000	1,808,000	01:00 PM	97,100	86,100	183,200	2:00pm
1995	1,277,000	539,000	1,816,000	01:00 PM	94,100	86,100	180,200	2:00pm
1996	1,295,000	544,000	1,839,000	01:00 PM	94,000	85,900	179,900	1:00pm
1997	1,303,000	547,000	1,850,000	01:00 PM	101,000	89,000	190,000	2:00pm
1998	1,296,000	551,000	1,847,000	01:00 PM	104,000	95,100	199,100	2:00pm
2000	1,464,000	552,000	2,015,846	01:00 PM	103,367	91,080	194,447	2:00pm
2001	1,254,000	540,000	2,016,000	01:00 PM	67,093	91,080	156,228	2:00pm
2002	1,253,800	567,000	1,805,800	01:00 PM	60,181	91,080	151,261	2:00pm
2003	1,273,519	573,000	1,821,360	01:00 PM	86,909	91,740	178,649	2:00pm
2004	1,228,259	583,000	1,783,259	02:00 PM	91,551	91,575	183,126	1:00pm
2005	1,197,459	590,000	1,172,459	02:00 PM	85,119	97,350	182,469	1:00pm
2006	1,244,863	590,000	1,834,863	02:00 PM	89,847	97,350	187,197	1:00pm
2007	1,325,609	597,000	1,922,609	01:00 PM	88,623	98,505	187,128	1:00pm
2008	1,334,179	616,883	1,951,062	01:00 PM	79,198	101,786	180,984	1:00pm
2009	1,209,458	621,000	1,830,458	02:00 PM	78,305	102,465	180,770	1:00pm
2010	1,231,064	619,228	1,850,292	02:00 PM	78,173	75,637	153,810	1:00pm
2011	1,272,964	618,368	1,891,332	02:00 PM	79,651	74,774	154,425	1:00pm
2012	1,203,234	630,247	1,833,480	02:00 PM	81,359	75,404	156,762	1:00pm
2013	1,230,358	632,711	1,863,070	02:00 PM	79,753	75,369	155,123	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, 2003-2013

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
BUS PASSENGERS											
60TH STREET SECTOR											
FDR DRIVE	-	-	-	-	-	-	-	-	-	-	-
YORK AVENUE	6,230	6,541	5,688	6,436	6,476	5,694	4,998	4,601	4,292	4,614	4,184
FIRST AVE/SECOND AVE	20,510	20,150	18,879	17,415	17,850	17,111	15,274	18,399	22,739	22,435	20,203
LEXINGTON AVE/THIRD AVE	17,955	18,979	20,032	18,255	16,291	14,904	15,845	14,650	13,519	11,940	11,588
MADISON AVE/FIFTH AVE	45,152	43,660	40,255	40,246	39,208	34,017	31,899	27,976	29,870	30,246	27,693
CENTRAL PK WEST	-	3,755	2,311	1,936	1,754	1,773	1,769	1,260	791	1,154	874
EIGHTH AVENUE	4,138	4,937	-	-	-	-	-	-	-	-	-
BROADWAY	12,296	6,858	13,994	13,751	13,796	12,524	12,501	11,540	7,273	9,715	9,952
COLUMBUS AVE/AMSTERDAM AVE	3,934	4,266	4,447	4,268	3,805	3,809	3,460	3,509	3,350	3,520	3,108
WEST END AVENUE	2,188	2,071	2,176	2,257	2,320	2,306	2,055	2,036	1,845	2,067	2,029
SECTOR TOTAL	112,403	111,217	107,782	104,564	101,500	92,138	87,801	83,971	83,679	85,691	79,631
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	3,478	3,196	3,085	2,725	2,006	1,673	1,624	-	- (1)	-	398
MANHATTAN BRIDGE	1,110	1,055	1,025	966	1,143	1,104	941	-	- (1)	-	-
BROOKLYN BATTERY TUNNEL	60,257	61,849	54,365	56,585	54,443	54,961	47,103	47,006	42,088	41,663	43,256
SECTOR TOTAL	64,845	66,100	58,475	60,276	57,592	57,738	49,668	47,006	42,088	41,663	43,654
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	14,832	14,099	13,897	13,821	12,503	13,350	11,922	10,477	12,250	11,942	13,486
QUEENSBORO BRIDGE	16,981	17,695	18,943	19,437	30,957	15,999	14,162	11,902	11,980	11,624	10,932
SECTOR TOTAL	31,813	31,794	32,840	33,258	43,460	29,349	26,084	22,379	24,230	23,566	24,418
NEW JERSEY SECTOR											
HOLLAND TUNNEL	32,507	29,165	30,493	30,156	31,254	30,372	39,125	42,516	31,858	31,942	29,204
LINCOLN TUNNEL	284,489	330,936	320,870	323,358	321,901	328,975	329,550	332,382	345,852	341,539	355,120
SECTOR TOTAL	316,996	360,101	351,363	353,514	353,155	359,347	368,675	374,898	377,710	373,481	384,324
TOTAL BUS PASSENGERS	526,057	569,212	550,460	551,612	555,708	538,572	532,228	528,254	527,707	524,401	532,027

(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, 2003-2013

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
SUBWAY PASSENGERS											
60TH STREET SECTOR											
LEXINGTON AVENUE EXPRESS	319,384	307,149	326,309	316,427	333,511	362,887	315,458	336,589	332,854	350,863	362,135
LEXINGTON AVENUE LOCAL	306,344	308,575	325,848	350,220	356,158	375,782	336,156	325,009	333,752	340,920	346,656
EIGHTH AVENUE EXPRESS	223,148	236,076	223,296	254,554	242,080	261,309	239,780	254,352	246,977	268,129	278,292
EIGHTH AVENUE LOCAL	96,184	97,415	99,954	111,892	117,146	121,697	118,594	115,898	118,802	123,777	128,046
BROADWAY/7TH AVE EXPRESS	253,085	270,008	264,220	255,140	260,647	292,986	264,085	266,418	266,070	281,075	293,363
BROADWAY/7TH AVE LOCAL	214,778	210,844	211,275	230,279	235,659	236,796	215,900	218,013	219,082	224,899	235,546
SECTOR TOTAL	1,412,923	1,430,067	1,450,802	1,518,512	1,545,200	1,651,457	1,489,973	1,516,279	1,517,537	1,589,663	1,644,038
BROOKLYN SECTOR											
14TH STREET TUNNEL	166,911	179,382	160,273	186,532	218,035	204,379	190,536	195,146	199,221	217,993	224,172
WILLIAMSBURG BRIDGE	90,030	95,669	106,329	110,539	118,793	123,008	106,605	118,869	119,384	124,980	132,233
RUTGERS TUNNEL	127,796	119,608	107,495	120,241	128,915	125,738	119,775	127,514	131,136	139,459	146,056
MANHATTAN BRIDGE	250,242	291,391	305,442	336,620	346,144	375,358	360,574	375,606	361,151	382,856	423,470
CRANBERRY ST. TUNNEL	216,822	220,431	228,917	219,905	235,578	231,465	212,765	229,748	225,762	243,259	253,840
CLARK ST. TUNNEL	126,764	130,665	122,720	128,108	134,326	130,881	135,506	140,989	143,536	146,585	159,668
MONTAGUE ST. TUNNEL	84,107	70,759	62,245	62,832	63,793	65,579	63,028	59,675	63,531	65,440	- (5)
JORALEMON ST. TUNNEL	163,787	174,052	159,614	164,618	172,737	177,643	182,529	184,787	182,647	190,859	215,002
SECTOR TOTAL	1,226,459	1,281,957	1,253,035	1,329,395	1,418,321	1,434,051	1,371,318	1,428,348	1,430,354	1,511,431	1,554,441
QUEENS SECTOR											
60TH STREET TUNNEL	233,901	222,822	249,282	240,949	257,016	274,258	253,730	264,694	269,524	277,751	280,490
53RD STREET TUNNEL	221,438	232,903	249,751	256,746	260,872	276,661	259,861	273,974	276,546	291,506	296,450
STEINWAY ST. TUNNEL	185,419	205,960	205,100	195,589	224,241	218,535	195,243	201,016	201,130	209,062	217,307
63RD STREET TUNNEL	153,682	151,738	144,357	157,292	171,310	151,162	164,556	171,082	169,055	172,102	173,726
SECTOR TOTAL	794,440	813,423	848,490	850,576	913,439	920,616	873,390	910,766	916,255	950,421	967,973
NEW JERSEY SECTOR											
PATH DOWNTOWN	-	67,653	73,373	84,586	107,509	105,271	100,234	106,131	105,804	108,402	104,578
PATH UPTOWN	130,821	100,885	106,054	115,650	121,374	125,041	117,069	126,033	123,861	122,821	126,941
SECTOR TOTAL	130,821	168,538	179,427	200,236	228,883	230,312	217,303	232,164	229,665	231,223	231,519
TOTAL SUBWAY PASSENGERS	3,564,643	3,693,985	3,731,754	3,898,719	4,105,843	4,236,436	3,951,984	4,087,557	4,093,811	4,282,738	4,397,971
SUBURBAN RAIL PASSENGERS											
AMTRAK & MTA METRO-NORTH RR	188,550	186,954	193,339	198,206	205,987	209,646	200,396	203,561	210,491	212,203	212,920
AMTRAK & MTA LIRR	225,118	223,836	224,778	230,453	236,865	240,945	229,674	226,428	226,093	227,522	230,974
AMTRAK & NJ TRANSIT	161,029	130,778	143,898	155,850	162,434	160,869	153,209	166,830	158,287	164,098	172,646
TOTAL RAIL PASSENGERS	574,697	541,568	562,015	584,509	605,286	611,460	583,279	596,819	594,871	603,823	616,540
FERRY PASSENGERS											
MANHATTAN & UPSTATE	3	-	-	-	97	150	85	-	-	-	-
BROOKLYN	1,783	597	342	368	422	905	467	300	1,670	1,904	313
QUEENS	444	280	280	84	109	116	55	55	109	704	702
STATEN ISLAND FERRY	59,360	61,804	63,070	61,118	64,187	71,390	73,146	74,028	64,029 (3)	72,705	67,299 (3)
NEW JERSEY	57,668	39,615	36,328	35,004	36,268	32,595	33,860	36,042	36,008	30,279	29,239
TOTAL FERRY PASSENGRS	119,257	102,297	100,020	96,574	101,083	105,156	107,613	110,425	101,816	105,592	97,553
ROOSEVELT ISLAND TRAMWAY	2,364	3,483	4,426	5,535	5,756	6,107	6,200	(2)	6,174	6,759	7,080
TOTAL PUBLIC TRANSIT PSGRS	4,787,019	4,910,544	4,948,675	5,136,949	5,373,676	5,497,731	5,181,304	5,323,055	5,324,379	5,523,313	5,651,171
BICYCLE	17,251	16,931	16,292	22,268	27,859	28,677	42,038	48,557	49,470 (4)	43,608	56,787 (4)

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

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

(3) - Excludes number of Bicyclists

(4) - Total includes Staten Island Ferry Bicyclists

(5) - Location was not surveyed due to Montague tunnel closure.

Note: Zeros displayed for PATH and ferry service for 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 (2003-2013)

SECTOR AND FACILITY	2003			2004			2005			2006			2007			2008			2009			2010			2011			2012			2013		
	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	AM PEAK	PM PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK
60TH STREET SECTOR																																	
LEXINGTON AVE EXPRESS	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	69	64	491
LEXINGTON AVE LOCAL	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	56	51	465
EIGHTH AVE EXPRESS	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	49	46	470
EIGHTH AVE LOCAL	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	38	36	357
B'WAY/7TH AV EXPRESS	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	59	55	465
B'WAY/7TH AV LOCAL	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	44	40	397
AMTRAK/METRO-NORTH	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	123	108	404
SECTOR TOTAL	415	399	2,875	418	389	2,897	425	404	2,869	425	385	2,937	427	396	2,948	430	410	2,992	430	387	3,010	412	396	3,022	431	391	2,987	422	389	2,996	438	400	3,049
BROOKLYN SECTOR																																	
14TH STREET TUNNEL	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	48	42	386
WILLIAMSBURG BRIDGE	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	45	44	398
RUTGERS ST. TUNNEL	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	34	34	311
MANHATTAN BRIDGE	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	97	90	811
CRANBERRY ST. TUNNEL	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	57	54	417
CLARK ST. TUNNEL	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	50	48	469
MONTAGUE ST. TUNNEL	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	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	61	61	479
SECTOR TOTAL	400	389	3,314	413	405	3,304	423	409	3,299	425	407	3,304	432	413	3,295	420	405	3,400	418	413	3,435	396	396	3,407	412	386	3,415	411	397	3,431	392	373	3,271
QUEENS SECTOR																																	
60TH STREET TUNNEL	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	62	57	570
53RD STREET TUNNEL	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	62	60	494
STEINWAY ST. TUNNEL	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	68	78	444
63RD STREET TUNNEL	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	39	39	301
AMTRAK/LIRR TUNNEL	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	86	79	331
SECTOR TOTAL	313	294	2,148	318	307	2,121	310	305	2,114	315	287	2,112	316	302	2,117	314	303	2,161	320	298	2,143	319	306	2,175	316	300	2,139	318	297	2,156	317	313	2,140
NEW JERSEY SECTOR																																	
PATH DOWNTOWN TUNNEL	-	-	-	48	50	357	60	58	390	64	63	381	65	65	388	65	65	388	63	65	378	66	65	377	66	65	377	63	65	373	63	65	368
PATH UPTOWN TUNNEL	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	60	58	395
AMTRAK/NJ TRANSIT TUNNELS	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	62	59	318
SECTOR TOTAL	92	104	603	165	159	1,069	185	177	1,070	185	180	1,079	185	183	1,091	188	183	1,116	189	169	1,091	190	167	1,102	187	180	1,098	189	182	1,092	185	182	1,081
GRAND TOTAL	1,220	1,186	8,940	1,314	1,260	9,391	1,343	1,295	9,352	1,350	1,259	9,432	1,360	1,294	9,451	1,352	1,301	9,669	1,357	1,267	9,679	1,317	1,265	9,706	1,346	1,257	9,639	1,340	1,265	9,675	1,332	1,268	9,541
SUBTOTAL, NYCT	1,018	1,002	8,289	1,051	1,021	8,455	954	933	7,622	963	895	7,668	969	926	7,663	958	932	7,847	962	914	7,885	922	915	7,917	953	893	7,855	944	900	7,873	938	899	7,725

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

TABLE 7
NUMBER OF RAIL CARS ON SUBWAY AND COMMUTER RAIL TRAINS
ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY (2003-2013)

SECTOR AND FACILITY	2003			2004			2005			2006			2007			2008			2009			2010			2011			2012			2013		
	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	A.M. PEAK	P.M. PEAK	OFF PEAK
60TH STREET SECTOR																																	
IRT LEXINGTON AVE EXPRESS	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	690	640	4,910
IRT LEXINGTON AVE LOCAL	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	560	510	4,650
IND EIGHT AVE EXPRESS	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	392	368	3,760
IND EIGHT AVE LOCAL	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	304	288	2,856
IRT B'WAY/7TH AV EXPRESS	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	590	550	4,650
IRT B'WAY/7TH AV LOCAL	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	440	400	3,970
AMTRAK/METRO-NORTH	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	911	792	2,978
SECTOR TOTAL	3,671	3,393	25,330	3,734	3,429	26,628	3,816	3,593	26,502	3,817	3,426	27,074	3,813	3,535	23,872	3,820	3,654	27,384	3,782	3,390	26,998	3,582	3,467	27,287	3,787	3,432	27,082	3,719	3,426	27,178	3,887	3,548	27,774
BROOKLYN SECTOR																																	
BMT 14TH STREET TUNNEL	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	384	336	3,088
BMT WILLIAMSBURG BRIDGE	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	360	352	3,184
IND RUTGERS ST. TUNNEL	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	340	340	3,110
BMT MANHATTAN BRIDGE	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	872	810	7,362
IND CRANBERRY ST. TUNNEL	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	456	432	3,336
IRT CLARK ST. TUNNEL	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	500	480	4,690
BMT MONTAGUE ST. TUNNEL	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	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	610	610	4,790
SECTOR TOTAL	3,586	3,486	28,988	3,600	3,530	28,800	3,698	3,570	28,730	3,718	3,546	28,738	3,788	3,624	28,923	3,680	3,544	29,914	3,658	3,620	30,355	3,528	3,550	30,586	3,686	3,448	30,662	3,672	3,546	30,776	3,522	3,360	29,560
QUEENS SECTOR																																	
BMT 60TH STREET TUNNEL	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	576	528	5,330
IND 53RD STREET TUNNEL	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	574	556	4,592
IRT STEINWAY ST. TUNNEL	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	748	858	4,884
63RD STREET TUNNEL	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	390	390	3,010
AMTRAK/LIRR TUNNEL	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	859	817	3,350
SECTOR TOTAL	2,951	2,807	19,999	2,979	2,909	19,741	2,932	2,916	19,757	2,993	2,750	19,814	2,850	2,820	22,611	3,027	2,950	20,652	3,039	2,962	21,212	3,143	3,061	21,471	3,135	2,999	21,154	3,155	2,968	21,314	3,147	3,149	21,166
NEW JERSEY SECTOR																																	
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	504	520	2,944
PATH UPTOWN TUNNEL	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	420	406	2,765
AMTRAK/NJ TRANSIT TUNNELS	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	513	504	2,533
SECTOR TOTAL	714	764	3,989	1,237	1,192	7,663	1,412	1,332	7,695	1,358	1,333	7,739	3,273	3,263	2,275	1,413	1,366	8,090	1,429	1,254	7,939	1,427	1,205	8,013	1,462	1,394	8,374	1,470	1,411	8,326	1,437	1,430	8,242
GRAND TOTAL	10,922	10,450	78,306	11,550	11,060	82,832	11,858	11,411	82,684	11,886	11,055	83,365	13,724	13,242	77,681	11,940	11,514	86,040	11,908	11,226	86,504	11,680	11,283	87,357	12,070	11,273	87,272	12,016	11,351	87,594	11,993	11,487	86,742
TOTAL, NYCTA	8,554	8,228	69,176	8,650	8,401	70,013	8,765	8,580	69,725	8,860	8,208	69,982	8,938	8,521	70,367	8,805	8,570	72,010	8,759	8,422	72,691	8,567	8,549	73,681	8,899	8,323	73,140	8,807	8,380	73,260	8,786	8,448	72,172

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 (2003-2013)
(in square feet)

MODE / YEAR	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
60TH STREET SECTOR											
SUBWAY-EXPRESS	4.8	5.0	5.3	5.3	4.8	4.5	5.3	4.9	5.7	5.1	4.5
SUBWAY-LOCAL	6.2	6.3	5.8	6.2	5.6	5.7	7.0	6.3	6.3	5.9	4.9
SUBURBAN RAIL	10.2	7.4	7.3	7.3	7.2	7.1	7.3	7.1	7.1	7.3	7.2
BUS	8.9	9.6	9.4	9.6	9.8	11.8	11.3	11.0	9.2	9.5	0.0
SECTOR AVERAGE	6.5	6.4	6.3	6.4	5.7	5.6	6.5	5.9	6.3	6.0	5.0
BROOKLYN SECTOR											
SUBWAY	6.9	6.6	7.3	7.1	5.6	5.6	5.4	5.5	5.7	5.6	5.2
BUS	7.6	7.4	8.1	7.6	7.8	8.8	8.5	7.2	7.8	8.0	8.6
SECTOR AVERAGE	7.0	6.6	7.4	7.1	5.7	5.8	5.5	5.6	5.8	5.7	5.4
QUEENS SECTOR											
SUBWAY	5.7	5.3	5.8	5.4	5.0	5.3	6.0	6.2	5.9	5.9	5.3
SUBURBAN RAIL	8.9	5.1	6.7	6.4	6.5	6.5	6.9	6.9	7.0	7.1	7.0
BUS	9.0	8.8	8.9	8.9	8.9	10.3	10.7	10.6	9.7	9.8	10.7
SECTOR AVERAGE	6.8	6.1	6.5	6.2	5.5	5.8	6.4	6.5	6.3	6.3	6.0
NEW JERSEY SECTOR											
SUBWAY	1.7	9.0	10.0	9.2	4.3	4.3	4.9	4.8	4.9	4.9	4.6
SUBURBAN RAIL	8.0	7.6	7.0	5.5	6.5	7.0	6.9	7.5	6.3	6.2	5.8
BUS	9.3	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.1	9.1	9.1
SECTOR AVERAGE	5.2	8.6	9.1	8.3	6.9	7.0	7.3	7.3	7.0	7.0	6.8
STATEN ISLAND FERRY	12.7	12.7	12.9	13.3	17.7	12.8	12.7	12.8	14.9	13.7	13.7
ROOSEVELT ISLAND TRAMWAY	11.3	6.2	5.5	4.7	4.1	4.2	4.3	-	4.1	3.0	2.6
ALL TRANSIT MODES	6.4	6.9	7.2	6.8	5.9	6	6.4	6.2	6.3	6.2	5.7

* 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 (2003-2013)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
BUS PASSENGERS											
EXPRESS BUS											
NEW YORK CITY	53,510	57,102	53,181	54,809	50,990	52,911	43,841	46,857	48,281	46,764	48,062
WEST OF HUDSON	152,374	179,408	181,272	183,782	186,838	190,979	190,548	193,768	187,382	191,074	191,988
NORTH OF NYC	1,944	1,556	1,432	1,508	1,404	1,092	1,038	424	305	257	354
TOTAL EXPRESS BUS	207,828	238,066	235,885	240,099	239,232	244,982	235,427	241,049	235,968	238,095	240,404
LOCAL BUS	52,897	47,584	44,170	43,909	51,664	39,102	38,339	27,614	27,138	29,809	27,832
TOTAL BUS PASSENGERS	260,725	285,650	280,055	284,008	290,896	284,084	273,766	268,663	263,106	267,904	268,236
NUMBER OF BUSES											
EXPRESS BUS											
NEW YORK CITY	1,617	1,800	1,754	1,763	1,733	2,038	1,671	1,678	1,603	1,598	1,659
WEST OF HUDSON	7,281	7,227	7,318	7,388	7,529	7,627	7,687	7,838	7,664	7,654	7,588
NORTH OF NYC	109	89	89	89	84	104	92	34	26	12	12
TOTAL EXPRESS BUS	9,007	9,116	9,161	9,240	9,346	9,769	9,450	9,550	9,293	9,264	9,259
LOCAL BUS	2,867	2,521	2,414	2,372	2,530	2,290	2,389	1,872	1,799	1,783	1,791
TOTAL BUSES	11,874	11,637	11,575	11,612	11,876	12,059	11,839	11,422	11,092	11,047	11,050

TABLE 10
TOTAL PERSONS ENTERING AND LEAVING THE HUB BY AUTO, TAXI, VAN AND TRUCK
ON A FALL BUSINESS DAY (2003-2013)

VEHICLE OCCUPANTS / LOCATION	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
60TH STREET SECTOR											
EAST OF CENTRAL PARK											
FDR DRIVE	195,028	184,210	208,986	200,428	200,860	188,080	191,120	195,320	189,231	196,913	195,423
YORK AVENUE	54,045	45,171	41,246	44,385	46,082	43,955	45,159	45,796	45,235	45,436	44,227
SECOND AND FIRST AVENUES	110,861	103,270	113,288	117,836	114,985	110,593	113,193	104,044	110,739	94,929	101,793
QNSBORO BR RAMP	61,270	56,158	43,922	45,768	41,472	39,265	42,088	43,470	45,194	42,625	40,162
LEXINGTON AND THIRD AVENUES	88,612	80,565	83,608	82,515	79,543	75,900	79,201	76,017	75,792	74,994	68,538
PARK AVENUE	63,159	61,350	65,037	67,079	63,508	60,417	59,752	61,661	63,233	58,884	58,915
FIFTH AND MADISON AVENUES	87,504	88,839	83,804	83,649	76,002	74,404	74,272	79,140	77,917	78,596	71,815
SUBTOTAL	660,479	619,561	639,893	641,661	622,452	592,615	604,785	605,448	607,341	592,377	580,873
CENTRAL PARK DRIVES	36,048	57,160	50,851	42,780	14,926	13,622	13,036	13,302	12,988	12,699	11,438
WEST OF CENTRAL PARK											
EIGHTH AVE./CENTRAL PARK WEST *	-	-	-	-	26,134	25,462	25,310	27,141	27,717	25,715	25,909
BROADWAY	54,393	59,095	44,028	42,123	42,415	41,369	38,068	42,609	43,877	42,753	41,352
COLUMBUS AND AMSTERDAM AVE.	83,994	79,992	68,381	66,209	65,804	65,823	67,047	65,337	71,203	62,423	62,331
WEST END AVENUE	36,110	33,958	38,358	36,469	36,700	35,457	35,592	34,991	36,227	35,970	34,582
WEST SIDE HIGHWAY	153,378	153,633	148,761	148,250	141,300	131,664	133,185	134,233	127,418	126,406	127,869
SUBTOTAL	327,875	326,678	299,529	293,051	312,353	299,775	299,202	304,311	306,442	293,267	292,043
SECTOR TOTAL	1,024,403	1,003,398	990,272	977,492	949,731	906,012	917,023	923,061	926,771	898,343	884,354
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	206,465	217,812	135,358	135,449	139,723	134,976	136,911	140,873	131,280	142,822	146,517
MANHATTAN BRIDGE	107,661	115,525	109,626	101,481	99,788	96,103	98,074	101,963	116,178	121,500	118,250
BROOKLYN BRIDGE	183,811	186,110	166,567	160,187	165,751	156,084	157,799	156,005	133,844	126,798	129,723
BROOKLYN BATTERY TUNNEL	66,031	63,877	54,417	64,039	63,068	49,293	57,879	62,142	57,484	61,069	61,362
SECTOR TOTAL	563,968	583,323	465,967	461,156	468,330	436,456	450,663	460,983	438,786	452,189	455,852
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	126,728	129,240	123,179	128,849	126,458	120,133	123,794	126,930	125,129	131,390	127,136
QUEENSBORO BRIDGE	275,471	269,252	216,163	225,090	219,237	213,179	217,752	215,219	221,920	215,734	207,920
SECTOR TOTAL	402,199	398,492	339,341	353,939	345,696	333,312	341,546	342,149	347,049	347,124	335,056
NEW JERSEY SECTOR											
HOLLAND TUNNEL	121,170	115,095	114,853	116,648	119,016	110,113	109,834	117,204	105,854	110,387	105,697
LINCOLN TUNNEL	170,409	167,730	157,300	158,284	151,391	136,940	117,907	137,517	124,271	139,893	133,508
SECTOR TOTAL	291,517	282,825	272,153	274,932	270,407	247,053	227,741	254,721	230,125	250,280	239,205
STATEN ISLAND FERRY **	-	-	-	-	-	-	-	-	-	-	-
TOTAL, ALL FACILITIES	2,282,087	2,268,038	2,067,734	2,067,518	2,034,163	1,922,833	1,936,973	1,980,914	1,942,731	1,947,936	1,914,467

* 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 (2003-2013)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
EAST OF CENTRAL PARK											
FDR DRIVE	154,272	157,793	160,090	153,542	154,252	144,425	146,660	149,789	145,149	151,111	150,087
YORK AVENUE	40,429	34,091	34,335	34,570	36,268	34,560	35,473	35,883	35,656	35,819	34,276
SECOND AND FIRST AVENUES	88,942	82,610	85,499	89,217	86,933	83,584	85,394	77,900	83,584	72,127	76,723
QUEENSBORO BRIDGE RAMP	38,808	35,510	36,509	37,970	34,439	32,645	34,937	36,093	37,528	35,409	33,357
LEXINGTON AND THIRD AVENUES	69,460	63,260	62,119	61,263	59,311	56,583	59,010	56,808	56,719	56,261	51,562
PARK AVENUE	48,512	47,020	45,071	46,594	44,024	41,905	41,377	42,723	43,697	40,721	40,735
FIFTH AND MADISON AVENUES	59,369	58,460	55,422	55,420	50,399	49,350	49,192	52,390	51,638	52,204	47,542
SUBTOTAL	499,792	478,744	479,045	478,576	465,626	443,052	452,043	451,586	453,971	443,652	434,282
CENTRAL PARK DRIVES	19,645	19,434	13,433	9,445	8,156	7,420	7,301	7,417	7,248	6,946	6,376
WEST OF CENTRAL PARK											
CENTRAL PARK WEST	14,642	14,519	15,081	14,440	14,774	14,371	14,302	15,330	15,660	14,517	14,608
BROADWAY	40,535	35,066	32,814	31,391	31,624	30,800	28,462	31,795	32,706	31,885	30,847
COLUMBUS AND AMSTERDAM AVES.	59,552	56,531	51,725	50,080	49,800	49,822	50,707	49,447	53,847	47,261	47,098
WEST END AVENUE	28,435	26,787	26,668	25,348	25,514	24,644	24,750	24,337	25,203	25,009	24,056
WEST SIDE HIGHWAY	122,107	122,484	129,678	129,311	123,231	114,848	116,285	117,143	111,227	110,341	111,560
SUBTOTAL	265,271	255,387	255,966	250,570	244,943	234,485	234,506	238,052	238,643	229,013	228,169
SECTOR TOTAL	784,708	753,565	748,444	738,591	718,725	684,957	693,850	697,055	699,862	679,611	668,827
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	100,062	110,360	106,865	106,869	110,412	106,647	108,077	111,189	103,590	112,696	115,618
MANHATTAN BRIDGE	73,699	79,062	80,303	74,554	73,139	70,276	71,872	74,777	85,392	89,087	87,375
BROOKLYN BRIDGE	134,444	137,563	132,210	126,805	131,551	123,781	125,021	123,640	105,820	100,288	102,542
BROOKLYN BATTERY TUNNEL	54,649	52,839	47,476	55,840	54,989	43,010	50,440	54,097	49,967	53,067	53,389
SECTOR TOTAL	362,854	379,824	366,854	364,068	370,091	343,714	355,410	363,703	344,769	355,138	358,924
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	84,865	86,057	85,521	89,435	87,792	83,481	85,704	88,231	86,730	90,992	87,985
QUEENSBORO BRIDGE	184,008	179,515	177,678	185,199	180,326	175,299	179,125	176,903	182,611	177,455	170,807
SECTOR TOTAL	268,873	265,572	263,199	274,634	268,118	258,780	264,829	265,134	269,341	268,447	258,792
NEW JERSEY SECTOR											
HOLLAND TUNNEL	99,608	94,956	95,675	97,146	99,146	91,186	91,508	97,658	88,186	91,957	88,015
LINCOLN TUNNEL	115,187	112,105	113,636	114,363	109,434	99,043	85,462	99,538	90,020	101,235	96,595
SECTOR TOTAL	214,795	207,061	209,311	211,509	208,580	190,228	176,970	197,196	178,206	193,192	184,610
STATEN ISLAND FERRY	-	-	-	-	-	-	-	-	-	-	-
TOTAL, ALL FACILITIES	1,631,230	1,606,022	1,587,808	1,588,802	1,565,514	1,477,679	1,491,059	1,523,088	1,492,178	1,496,388	1,471,153

TABLE 12
REVERSE TRAVEL FROM THE HUB DURING AM PEAK PERIOD (7AM - 10AM)
ON A FALL BUSINESS DAY (1979-2013), BY MODE AND BY SECTOR

YEAR / SECTOR / MODE	1979	1980	1981	1982	1983	1984	1985	1986	1987	1989	1990	1991	1992	1993	1994	1995	
SECTOR																	
60TH STREET	128,330	133,962	140,412	148,232	162,126	155,112	168,861	163,648	163,848	176,201	177,467	180,561	191,695	189,046	187,388	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	N/A	140	125	
TOTAL, ALL SECTORS	256,073	256,380	262,504	276,862	296,292	286,957	311,933	316,557	318,724	332,865	349,075	346,184	368,406	364,376	360,515	356,297	
MODE																	
AUTOS, TAXIS, VANS AND TRUCKS	108,110	113,705	117,963	128,817	133,939	129,964	150,426	132,785	133,031	139,752	134,966	135,519	140,899	133,619	131,272	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	N/A	140	125	
BICYCLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	734	1,014	
TOTAL, ALL MODES	256,123	256,380	262,504	276,862	296,292	286,957	311,893	316,557	318,724	332,865	349,075	346,184	368,406	363,423	360,516	356,297	
YEAR / SECTOR / MODE	1996	1997	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
SECTOR																	
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	218,353
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	103,442
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	0
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	63,346
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	1,900
ROOSEVELT ISLAND	163	117	124	134	101	59	60	139	208	241	196	222	-	-	272	257	0
TOTAL, ALL SECTORS	363,490	408,604	367,569	399,433	366,692	409,421	394,868	425,413	421,069	429,806	417,576	422,360	433,343	450,230	443,716	450,789	387,041
MODE																	
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	130,362
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	31,996
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	271,455
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	17,396
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	3,119
TRAMWAY	163	117	124	134	101	59	60	139	208	241	196	222	202	0	272	257	229
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	2,787
TOTAL, ALL MODES	363,489	408,604	367,569	399,433	366,694	409,476	394,880	425,413	421,069	429,806	417,576	422,552	433,343	450,230	443,716	450,789	457,344

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			
	2009	2010	2011	2012	2013	2010/ 2009	2011/ 2010	2012/ 2011	2013/ 2012
CONNECTICUT REGION									
3 COUNTIES	1,938	1,969	1,976	1,984	1,989	1.6%	0.3%	0.4%	0.2%
<i>census figures</i>									
NEW JERSEY									
9 COUNTIES	5,531	5,617	5,644	5,684	5,718	1.6%	0.5%	0.7%	0.6%
NEW YORK STATE									
MANHATTAN CBD*	621	619	626	630	633	-0.3%	1.1%	0.6%	0.4%
NYC REMAINDER	7,771	7,556	7,644	7,707	7,773	-2.8%	1.2%	0.8%	0.9%
7 SUBURBAN COUNTIES	4,908	4,864	4,887	4,899	4,914	-0.9%	0.5%	0.3%	0.3%
TOTAL	13,300	13,039	13,157	13,236	13,320	-2.0%	0.9%	0.6%	0.6%
TOTAL REGION	20,769	20,625	20,777	20,904	21,026	-0.7%	0.7%	0.6%	0.6%

* 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			
	2009	2010	2011	2012	2013	2010/ 2009	2011/ 2010	2012/ 2011	2013/ 2012
CONNECTICUT REGION									
3 COUNTIES	809	805	812	829	831	-0.5%	0.9%	2.1%	0.2%
NEW JERSEY									
9 COUNTIES	2,447	2,475	2,420	2,471	2,468	1.1%	-2.2%	2.1%	-0.1%
NEW YORK STATE									
MANHATTAN CBD*	2,204	2,260	2,235	2,301	2,350	2.5%	-1.1%	2.9%	2.1%
NYC REMAINDER	1,364	1,448	3,642	1,470	1,491	6.2%	1.5%	-0.6%	1.4%
7 SUBURBAN COUNTIES	1,962	2,020	1,978	2,016	2,014	3.0%	-2.1%	1.9%	-0.1%
TOTAL	5,530	5,728	7,856	5,787	5,855	3.6%	0.4%	-0.3%	1.2%
REGION TOTAL	8,785	9,008	11,088	9,087	9,153	2.5%	0.2%	-0.2%	0.7%

* 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 - 2013

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TABLE 14 A
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2013
8-9 AM

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS (PUBLIC TRANSPORTATION & BICYCLE)	TOTAL PERSONS (ALL MODES)
	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM
60TH STREET SECTOR											
Franklin D. Roosevelt Drive	7,251	-	-	-	-	-	-	-	-	-	7,251
York Avenue	831	-	-	-	251	-	-	-	-	251	1,082
First Avenue	-	-	-	-	-	-	-	-	4	4	-
Second Avenue	2,631	-	-	1,022	263	-	-	-	195	1,480	4,111
Third Avenue	-	-	-	-	-	-	-	-	-	-	-
Lexington Avenue- IRT	1,688	26,595	24,697	146	487	-	-	-	44	51,969	53,657
Park Ave	2,059	-	-	-	-	33,680	-	-	19	33,699	35,758
Madison Avenue	-	-	-	-	-	-	-	-	-	-	-
Fifth Avenue	2,435	-	-	767	1,245	-	-	-	86	2,098	4,533
Sixth Avenue	-	-	-	-	-	-	-	-	5	5	-
Seventh Avenue	1,669	-	-	-	-	-	-	-	62	62	1,731
Broadway	1,421	23,713	16,596	54	459	-	-	-	84	40,906	42,327
Eight Ave	-	23,261	9,236	-	-	-	-	-	8	32,505	32,505
Columbus Avenue	1,551	-	-	-	109	-	-	-	96	205	1,756
Amsterdam Avenue	-	-	-	-	-	-	-	-	5	5	-
West End Avenue	1,249	-	-	-	110	-	-	-	35	145	1,394
West Side Highway	4,543	-	-	-	-	155	-	-	433	588	5,131
Hudson River Greenway	-	-	-	-	-	-	-	-	403	403	-
Queensboro Bridge Ramp	-	-	-	-	-	-	-	-	-	-	-
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	27,328	73,569	50,529	1,989	2,924	33,835	-	-	1,479	164,325	191,653
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	20,404	-	-	-	-	-	-	20,404	20,404
Williamsburg Bridge-BMT	3,704	-	13,461	-	20	-	-	-	609	14,090	17,794
Rutgers Tunnel-IND	-	-	13,500	-	-	-	-	-	-	13,500	13,500
Manhattan Bridge-BMT	3,226	23,347	22,458	-	-	-	-	-	422	46,227	49,453
Brooklyn Bridge	4,092	-	-	-	-	-	-	-	401	4,493	4,493
Cranberry Tunnel-IND	-	-	25,206	-	-	-	-	-	-	25,206	25,206
Clark Tunnel-IRT	-	-	15,255	-	-	-	-	-	-	15,255	15,255
Montague Tunnel-BMT	-	-	-	-	-	-	-	-	-	-	-
Joralemon Tunnel-IRT	-	-	22,189	-	-	-	-	-	-	22,189	22,189
Brooklyn Battery Tunnel	3,197	-	-	7,424	-	-	-	-	-	7,424	10,621
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	14,219	23,347	132,473	7,424	20	-	-	-	1,432	164,696	178,915
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	16,485	-	-	-	-	-	-	16,485	16,485
Sixtieth St. Tunnel-BMT/IND	-	-	28,334	-	-	-	-	-	-	28,334	28,334
Queensboro Bridge-Tramway	6,147	-	-	-	196	-	-	625	351	1,172	7,319
Fifty-Third St. Tunnel-IND	-	-	28,031	-	-	-	-	-	-	28,031	28,031
Steinway Tunnel-IRT	-	-	20,671	-	-	-	-	-	-	20,671	20,671
Queens Midtown Tunnel-IRT	4,839	-	-	4,801	-	-	-	-	-	4,801	9,640
Amtrak/LIRR Tunnels	-	-	-	-	-	33,197	-	-	-	33,197	33,197
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	10,986	-	93,521	4,801	196	33,197	-	625	351	132,691	143,677
NEW JERSEY SECTOR											
Lincoln Tunnel	4,585	-	-	36,222	-	-	-	-	-	36,222	40,807
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	22,671	-	-	-	22,671	22,671
Uptown Path Tunnel	-	-	15,747	-	-	-	-	-	-	15,747	15,747
Holland Tunnel	3,449	-	-	1,966	-	-	-	-	-	1,966	5,415
Downtown Path Tunnel	-	-	13,254	-	-	-	-	-	-	13,254	13,254
All Ferry Points	-	-	-	-	-	-	4,606	-	-	4,606	4,606
SECTOR TOTAL	8,034	-	29,001	38,188	-	22,671	4,606	-	-	94,466	102,500
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	5,521	-	3	5,524	5,524
TOTAL, ALL SECTORS	60,567	96,916	305,524	52,402	3,140	89,703	10,127	625	3,265	561,702	622,269

TABLE 14 B
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2013
7-10 AM

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS (PUBLIC TRANSPORTATION & BICYCLE)	TOTAL PERSONS (ALL MODES)
	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM
60TH STREET SECTOR											
Franklin D. Roosevelt Drive	20,846	-	-	-	-	-	-	-	-	-	20,846
York Avenue	2,463	-	-	-	721	-	-	-	-	721	3,184
First Avenue	-	-	-	-	-	-	-	-	10	10	10
Second Avenue	7,732	-	-	2,505	639	-	-	-	438	3,582	11,314
Third Avenue	-	-	-	-	-	-	-	-	1	1	1
Lexington Avenue- IRT	4,800	65,397	52,572	415	1,218	-	-	-	104	119,706	124,506
Park Ave	5,368	-	-	-	-	68,393	-	-	75	68,468	73,836
Madison Avenue	-	-	-	-	-	-	-	-	1	1	1
Fifth Avenue	7,247	-	-	3,036	2,543	-	-	-	188	5,767	13,014
Sixth Avenue	-	-	-	-	-	-	-	-	13	13	13
Seventh Avenue	3,249	-	-	-	-	-	-	-	144	144	3,393
Broadway	4,047	53,249	35,934	162	1,164	-	-	-	193	90,702	94,749
Eight Ave	-	54,655	19,599	-	-	-	-	-	14	74,268	74,268
Columbus Avenue	4,290	-	-	-	272	-	-	-	236	508	4,798
Amsterdam Avenue	-	-	-	-	-	-	-	-	19	19	19
West End Avenue	3,427	-	-	-	298	-	-	-	78	376	3,803
West Side Highway	13,778	-	-	-	-	463	-	-	1,005	1,468	15,246
Hudson River Greenway	-	-	-	-	-	-	-	-	1,022	1,022	1,022
Queensboro Bridge Ramp	-	-	-	-	-	-	-	-	-	-	-
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	77,247	173,301	108,105	6,118	6,855	68,856	-	-	3,541	366,776	444,023
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	46,436	-	-	-	-	-	-	46,436	46,436
Williamsburg Bridge-BMT	11,049	-	31,088	-	57	-	-	-	1,589	32,734	43,783
Rutgers Tunnel-IND	-	-	30,002	-	-	-	-	-	-	30,002	30,002
Manhattan Bridge-BMT	9,345	49,752	49,746	-	-	-	-	-	1,038	100,536	109,881
Brooklyn Bridge	11,851	-	-	-	-	-	-	-	929	929	12,780
Cranberry Tunnel-IND	-	-	57,309	-	-	-	-	-	-	57,309	57,309
Clark Tunnel-IRT	-	-	34,524	-	-	-	-	-	-	34,524	34,524
Montague Tunnel-BMT	-	-	-	-	-	-	-	-	-	-	-
Joralemon Tunnel-IRT	-	-	49,277	-	-	-	-	-	-	49,277	49,277
Brooklyn Battery Tunnel	8,841	-	-	15,438	-	-	-	-	-	15,438	24,279
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	41,086	49,752	298,382	15,438	57	-	-	-	3,556	367,185	408,271
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	37,563	-	-	-	-	-	-	37,563	37,563
Sixtieth St. Tunnel-BMT/IND	-	-	60,268	-	-	-	-	-	-	60,268	60,268
Queensboro Bridge-Tramway	17,643	-	-	-	528	-	-	1,400	829	2,757	20,400
Fifty-Third St. Tunnel-IND	-	-	65,318	-	-	-	-	-	-	65,318	65,318
Steinway Tunnel-IRT	-	-	46,843	-	-	-	-	-	-	46,843	46,843
Queens Midtown Tunnel-IRT	13,355	-	-	9,882	-	-	-	-	-	9,882	23,237
Amtrak/LIRR Tunnels	-	-	-	-	-	70,495	-	-	-	70,495	70,495
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	30,998	-	209,992	9,882	528	70,495	-	1,400	829	293,126	324,124
NEW JERSEY SECTOR											
Lincoln Tunnel	14,023	-	-	87,531	-	-	-	-	-	87,531	101,554
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	46,040	-	-	-	46,040	46,040
Uptown Path Tunnel	-	-	32,064	-	-	-	-	-	-	32,064	32,064
Holland Tunnel	9,800	-	-	6,115	-	-	-	-	-	6,115	15,915
Downtown Path Tunnel	-	-	28,548	-	-	-	-	-	-	28,548	28,548
All Ferry Points	-	-	-	-	-	-	9,334	-	-	9,334	9,334
SECTOR TOTAL	23,823	-	60,612	93,646	-	46,040	9,334	-	-	209,632	233,455
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	12,458	-	29	12,487	12,487
TOTAL, ALL SECTORS	173,154	223,053	677,091	125,084	7,440	185,391	21,792	1,400	7,955	1,249,206	1,422,360

TABLE 14 C
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2013
24 HOUR

	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)
LOCATION / TRAVEL MODE	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR											
Franklin D. Roosevelt Drive	111,074	-	-	-	-	-	-	-	-	-	111,074
York Avenue	19,334	-	-	-	2,376	-	-	-	-	2,376	21,710
First Avenue	-	-	-	-	-	-	-	-	62	62	62
Second Avenue	61,150	-	-	6,466	3,336	-	-	-	2,156	11,958	73,108
Third Avenue	-	-	-	-	-	-	-	-	42	42	42
Lexington Avenue- IRT	29,700	182,647	174,446	823	4,796	-	-	-	1,104	363,816	393,516
Park Ave	27,692	-	-	-	-	105,509	-	-	589	106,098	133,790
Madison Avenue	-	-	-	-	-	-	-	-	32	32	32
Fifth Avenue	39,662	-	-	6,006	8,163	-	-	-	1,361	15,530	55,192
Sixth Avenue	-	-	-	-	-	-	-	-	102	102	102
Seventh Avenue	3,329	-	-	-	-	-	-	-	1,217	1,217	4,546
Broadway	24,328	152,545	115,984	411	4,587	-	-	-	1,294	274,821	299,149
Eight Ave	-	141,033	67,651	-	-	-	-	-	163	208,847	208,847
Columbus Avenue	29,972	-	-	-	1,508	-	-	-	2,059	3,567	33,539
Amsterdam Avenue	-	-	-	-	-	-	-	-	139	139	139
West End Avenue	21,033	-	-	-	1,060	-	-	-	523	1,583	22,616
West Side Highway	66,239	-	-	-	-	1,879	-	-	3,138	5,017	71,256
Hudson River Greenway	-	-	-	-	-	-	-	-	3,283	3,283	3,283
Queensboro Bridge Ramp	-	-	-	-	-	-	-	-	-	-	-
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	433,513	476,225	358,081	13,706	25,826	107,388	-	-	17,264	998,490	1,432,003
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	105,882	-	-	-	-	-	-	105,882	105,882
Williamsburg Bridge-BMT	71,296	-	70,576	-	169	-	-	-	4,334	75,079	146,375
Rutgers Tunnel-IND	-	-	72,567	-	-	-	-	-	-	72,567	72,567
Manhattan Bridge-BMT	58,052	101,032	109,905	-	-	-	-	-	2,708	213,645	271,697
Brooklyn Bridge	58,241	-	-	-	-	-	-	-	1,875	1,875	60,116
Cranberry Tunnel-IND	-	-	133,298	-	-	-	-	-	-	133,298	133,298
Clark Tunnel-IRT	-	-	81,429	-	-	-	-	-	-	81,429	81,429
Montague Tunnel-BMT	-	-	-	-	-	-	-	-	-	-	-
Joralemon Tunnel-IRT	-	-	115,879	-	-	-	-	-	-	115,879	115,879
Brooklyn Battery Tunnel	33,140	-	-	22,460	-	-	-	-	-	22,460	55,600
All Ferry Points	-	-	-	-	-	-	136	-	-	136	136
SECTOR TOTAL	220,729	101,032	689,536	22,460	169	-	136	-	8,917	822,250	1,042,979
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	86,603	-	-	-	-	-	-	86,603	86,603
Sixtieth St. Tunnel-BMT/IND	-	-	138,760	-	-	-	-	-	-	138,760	138,760
Queensboro Bridge-Tramway	100,503	-	-	-	1,837	-	-	3,502	2,271	7,610	108,113
Fifty-Third St. Tunnel-IND	-	-	153,039	-	-	-	-	-	-	153,039	153,039
Steinway Tunnel-IRT	-	-	103,225	-	-	-	-	-	-	103,225	103,225
Queens Midtown Tunnel-IRT	64,694	-	-	12,250	-	-	-	-	-	12,250	76,944
Amtrak/LIRR Tunnels	-	-	-	-	-	116,509	-	-	-	116,509	116,509
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	165,197	-	481,627	12,250	1,837	116,509	-	3,502	2,271	617,996	783,193
NEW JERSEY SECTOR											
Lincoln Tunnel	61,516	-	-	174,396	-	-	-	-	-	174,396	235,912
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	85,869	-	-	-	85,869	85,869
Uptown Path Tunnel	-	-	61,952	-	-	-	-	-	-	61,952	61,952
Holland Tunnel	53,516	-	-	17,592	-	-	-	-	-	17,592	71,108
Downtown Path Tunnel	-	-	54,289	-	-	-	-	-	-	54,289	54,289
All Ferry Points	-	-	-	-	-	-	14,930	-	-	14,930	14,930
SECTOR TOTAL	115,032	-	116,241	191,988	-	85,869	14,930	-	-	409,028	524,060
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	34,199	-	59	34,258	34,258
TOTAL, ALL SECTORS	934,471	577,257	1,645,485	240,404	27,832	309,766	49,265	3,502	28,511	2,882,022	3,816,493

TABLE 15 A
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2013
5-6 PM

	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)
LOCATION / TRAVEL MODE	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM
60TH STREET SECTOR											
Franklin D. Roosevelt Drive	5,179	-	-	-	-	-	-	-	-	-	5,179
York Avenue	1,501	-	-	-	131	-	-	-	-	131	1,632
First Avenue	2,203	-	-	875	212	-	-	-	230	1,317	3,520
Second Avenue	-	-	-	-	-	-	-	-	2	2	2
Third Avenue	1,767	-	-	43	604	-	-	-	26	673	2,440
Lexington Avenue- IRT	-	23,412	17,321	-	-	-	-	-	-	40,733	40,733
Park Ave	2,077	-	-	-	-	25,533	-	-	21	25,554	27,631
Madison Avenue	1,785	-	-	1,390	1,084	-	-	-	72	2,546	4,331
Fifth Avenue	-	-	-	-	-	-	-	-	-	-	-
Sixth Avenue	1,052	-	-	-	-	-	-	-	221	221	1,273
Seventh Avenue	-	-	-	-	-	-	-	-	3	3	3
Broadway	831	15,963	13,584	32	552	-	-	-	11	30,142	30,973
Eight Ave	1,582	16,548	7,606	-	88	-	-	-	165	24,407	25,989
Columbus Avenue	-	-	-	-	-	-	-	-	3	3	3
Amsterdam Avenue	2,117	-	-	-	130	-	-	-	77	207	2,324
West End Avenue	1,012	-	-	-	69	-	-	-	20	89	1,101
West Side Highway	3,723	-	-	-	-	199	-	-	401	600	4,323
Hudson River Greenway	-	-	-	-	-	-	-	-	395	395	395
Queensboro Bridge Ramp	1,971	-	-	-	-	-	-	-	-	-	1,971
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	26,800	55,923	38,511	2,340	2,870	25,732	-	-	1,647	127,023	153,823
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	15,298	-	-	-	-	-	-	15,298	15,298
Williamsburg Bridge-BMT	4,507	-	8,144	-	23	-	-	-	386	8,553	13,060
Rutgers Tunnel-IND	-	-	10,064	-	-	-	-	-	-	10,064	10,064
Manhattan Bridge-BMT	3,899	16,767	14,982	-	-	-	-	-	362	32,111	36,010
Brooklyn Bridge	4,279	-	-	-	-	-	-	-	252	252	4,531
Cranberry Tunnel-IND	-	-	16,768	-	-	-	-	-	-	16,768	16,768
Clark Tunnel-IRT	-	-	10,952	-	-	-	-	-	-	10,952	10,952
Montague Tunnel-BMT	-	-	-	-	-	-	-	-	-	-	-
Joralemon Tunnel-IRT	-	-	15,351	-	-	-	-	-	-	15,351	15,351
Brooklyn Battery Tunnel	2,560	-	-	4,843	-	-	-	-	-	4,843	7,403
All Ferry Points	-	-	-	-	-	-	16	-	-	16	16
SECTOR TOTAL	15,245	16,767	91,559	4,843	23	-	16	-	1,000	114,208	129,453
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	13,658	-	-	-	-	-	-	13,658	13,658
Sixtieth St. Tunnel-BMT/IND	-	-	20,503	-	-	-	-	-	-	20,503	20,503
Queensboro Bridge-Tramway	5,710	-	-	2,063	355	-	-	441	243	3,102	8,812
Fifty-Third St. Tunnel-IND	-	-	22,178	-	-	-	-	-	-	22,178	22,178
Steinway Tunnel-IRT	-	-	15,965	-	-	-	-	-	-	15,965	15,965
Queens Midtown Tunnel-IRT	4,726	-	-	415	-	-	-	-	-	415	5,141
Amtrak/LIRR Tunnels	-	-	-	-	-	27,819	-	-	-	27,819	27,819
All Ferry Points	-	-	-	-	-	-	153	-	-	153	153
SECTOR TOTAL	10,436	-	72,304	2,478	355	27,819	153	441	243	103,793	114,229
NEW JERSEY SECTOR											
Lincoln Tunnel	5,316	-	-	27,555	-	-	-	-	-	27,555	32,871
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	16,821	-	-	-	16,821	16,821
Uptown Path Tunnel	-	-	10,853	-	-	-	-	-	-	10,853	10,853
Holland Tunnel	2,496	-	-	2,281	-	-	-	-	-	2,281	4,777
Downtown Path Tunnel	-	-	11,368	-	-	-	-	-	-	11,368	11,368
All Ferry Points	-	-	-	-	-	-	3,415	-	-	3,415	3,415
SECTOR TOTAL	7,812	-	22,221	29,836	-	16,821	3,415	-	-	72,293	80,105
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	4,881	-	13	4,894	4,894

TABLE 15 B
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2013
4-7 PM

	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)
LOCATION / TRAVEL MODE	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM
60TH STREET SECTOR											
Franklin D. Roosevelt Drive	15,062	-	-	-	-	-	-	-	-	-	15,062
York Avenue	4,563	-	-	-	421	-	-	-	-	421	4,984
First Avenue	6,537	-	-	2,137	735	-	-	-	642	3,514	10,051
Second Avenue	-	-	-	-	-	-	-	-	13	13	13
Third Avenue	5,672	-	-	113	1,586	-	-	-	126	1,825	7,497
Lexington Avenue- IRT	-	60,275	45,198	-	-	-	-	-	-	105,473	105,473
Park Ave	6,084	-	-	-	-	55,461	-	-	57	55,518	61,602
Madison Avenue	5,574	-	-	3,186	2,711	-	-	-	229	6,126	11,700
Fifth Avenue	-	-	-	-	-	-	-	-	-	-	-
Sixth Avenue	3,061	-	-	-	-	-	-	-	671	671	3,732
Seventh Avenue	-	-	-	-	-	-	-	-	10	10	10
Broadway	2,710	41,876	34,504	94	1,446	-	-	-	23	77,943	80,653
Eight Ave	4,742	43,064	19,475	-	278	-	-	-	585	63,402	68,144
Columbus Avenue	-	-	-	-	-	-	-	-	23	23	23
Amsterdam Avenue	6,505	-	-	-	309	-	-	-	243	552	7,057
West End Avenue	2,873	-	-	-	303	-	-	-	61	364	3,237
West Side Highway	11,745	-	-	-	-	428	-	-	1,195	1,623	13,368
Hudson River Greenway	-	-	-	-	-	-	-	-	1,145	1,145	1,145
Queensboro Bridge Ramp	5,778	-	-	-	-	-	-	-	-	-	5,778
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	80,906	145,215	99,177	5,530	7,789	55,889	-	-	5,023	318,623	399,529
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	43,252	-	-	-	-	-	-	43,252	43,252
Williamsburg Bridge-BMT	13,502	-	21,570	-	67	-	-	-	1,357	22,994	36,496
Rutgers Tunnel-IND	-	-	26,502	-	-	-	-	-	-	26,502	26,502
Manhattan Bridge-BMT	11,975	41,991	40,043	-	-	-	-	-	1,042	83,076	95,051
Brooklyn Bridge	12,937	-	-	-	-	-	-	-	692	692	13,629
Cranberry Tunnel-IND	-	-	43,004	-	-	-	-	-	-	43,004	43,004
Clark Tunnel-IRT	-	-	28,270	-	-	-	-	-	-	28,270	28,270
Montague Tunnel-BMT	-	-	-	-	-	-	-	-	-	-	-
Joralemon Tunnel-IRT	-	-	37,849	-	-	-	-	-	-	37,849	37,849
Brooklyn Battery Tunnel	7,329	-	-	12,187	-	-	-	-	-	12,187	19,516
All Ferry Points	-	-	-	-	-	-	85	-	-	85	85
SECTOR TOTAL	45,743	41,991	240,490	12,187	67	-	85	-	3,091	297,911	343,654
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	34,232	-	-	-	-	-	-	34,232	34,232
Sixtieth St. Tunnel-BMT/IND	-	-	52,737	-	-	-	-	-	-	52,737	52,737
Queensboro Bridge-Tramway	16,668	-	-	4,393	889	-	-	1,198	720	7,200	23,868
Fifty-Third St. Tunnel-IND	-	-	55,985	-	-	-	-	-	-	55,985	55,985
Steinway Tunnel-IRT	-	-	40,090	-	-	-	-	-	-	40,090	40,090
Queens Midtown Tunnel-IRT	13,959	-	-	991	-	-	-	-	-	991	14,950
Amtrak/LIRR Tunnels	-	-	-	-	-	61,094	-	-	-	61,094	61,094
All Ferry Points	-	-	-	-	-	-	357	-	-	357	357
SECTOR TOTAL	30,627	-	183,044	5,384	889	61,094	357	1,198	720	252,686	283,313
NEW JERSEY SECTOR											
Lincoln Tunnel	16,666	-	-	72,541	-	-	-	-	-	72,541	89,207
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	42,532	-	-	-	42,532	42,532
Uptown Path Tunnel	-	-	26,651	-	-	-	-	-	-	26,651	26,651
Holland Tunnel	8,296	-	-	5,089	-	-	-	-	-	5,089	13,385
Downtown Path Tunnel	-	-	24,778	-	-	-	-	-	-	24,778	24,778
All Ferry Points	-	-	-	-	-	-	8,314	-	-	8,314	8,314
SECTOR TOTAL	24,962	-	51,429	77,630	-	42,532	8,314	-	-	179,905	204,867
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	12,301	-	39	12,340	12,340
TOTAL, ALL SECTORS	182,238	187,206	574,140	100,731	8,745	159,515	21,057	1,198	8,873	1,061,465	1,243,703

TABLE 15 C
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2013
24 HOUR

	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS (PUB- LIC TRANSPORTATION & BICYCLE)	TOTAL PERSONS (ALL MODES)
LOCATION / TRAVEL MODE	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR											
Franklin D. Roosevelt Drive	84,349	-	-	-	-	-	-	-	-	-	84,349
York Avenue	24,893	-	-	-	1,808	-	-	-	-	1,808	26,701
First Avenue	40,643	-	-	7,555	2,846	-	-	-	2,408	12,809	53,452
Second Avenue	-	-	-	-	-	-	-	-	71	71	71
Third Avenue	38,838	-	-	257	5,712	-	-	-	999	6,968	45,806
Lexington Avenue- IRT	-	179,488	172,210	-	-	-	-	-	27	351,725	351,725
Park Ave	31,223	-	-	-	-	103,610	-	-	456	104,066	135,289
Madison Avenue	32,153	-	-	5,505	8,019	-	-	-	1,212	14,736	46,889
Fifth Avenue	-	-	-	-	-	-	-	-	13	13	13
Sixth Avenue	8,109	-	-	-	-	-	-	-	2,348	2,348	10,457
Seventh Avenue	-	-	-	-	-	-	-	-	50	50	50
Broadway	17,024	140,818	119,562	212	4,742	-	-	-	104	265,438	282,462
Eight Ave	25,909	137,259	60,395	-	874	-	-	-	2,471	200,999	226,908
Columbus Avenue	-	-	-	-	-	-	-	-	183	183	183
Amsterdam Avenue	32,359	-	-	-	1,600	-	-	-	778	2,378	34,737
West End Avenue	13,549	-	-	-	999	-	-	-	364	1,333	14,882
West Side Highway	61,630	-	-	-	-	1,922	-	-	3,096	5,018	66,648
Hudson River Greenway	-	-	-	-	-	-	-	-	3,208	3,208	3,208
Queensboro Bridge Ramp	40,162	-	-	-	-	-	-	-	-	-	40,162
All Ferry Points	-	-	-	-	-	-	-	-	-	-	-
SECTOR TOTAL	450,841	457,565	352,167	13,529	26,570	105,532	-	-	17,788	973,151	1,423,992
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	118,290	-	-	-	-	-	-	118,290	118,290
Williamsburg Bridge-BMT	75,221	-	61,657	-	229	-	-	-	3,884	65,770	140,991
Rutgers Tunnel-IND	-	-	73,489	-	-	-	-	-	-	73,489	73,489
Manhattan Bridge-BMT	60,198	109,819	102,714	-	-	-	-	-	2,570	215,103	275,301
Brooklyn Bridge	71,482	-	-	-	-	-	-	-	1,793	1,793	73,275
Cranberry Tunnel-IND	-	-	120,542	-	-	-	-	-	-	120,542	120,542
Clark Tunnel-IRT	-	-	78,239	-	-	-	-	-	-	78,239	78,239
Montague Tunnel-BMT	-	-	-	-	-	-	-	-	-	-	-
Joralemon Tunnel-IRT	-	-	99,123	-	-	-	-	-	-	99,123	99,123
Brooklyn Battery Tunnel	28,222	-	-	20,796	-	-	-	-	-	20,796	49,018
All Ferry Points	-	-	-	-	-	-	177	-	-	177	177
SECTOR TOTAL	235,123	109,819	654,054	20,796	229	-	177	-	8,247	793,322	1,028,445
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	87,123	-	-	-	-	-	-	87,123	87,123
Sixtieth St. Tunnel-BMT/IND	-	-	141,730	-	-	-	-	-	-	141,730	141,730
Queensboro Bridge-Tramway	107,417	-	-	6,033	3,062	-	-	3,578	2,091	14,764	122,181
Fifty-Third St. Tunnel-IND	-	-	143,411	-	-	-	-	-	-	143,411	143,411
Steinway Tunnel-IRT	-	-	114,082	-	-	-	-	-	-	114,082	114,082
Queens Midtown Tunnel-IRT	62,442	-	-	1,236	-	-	-	-	1,236	63,678	63,678
Amtrak/LIRR Tunnels	-	-	-	-	-	114,465	-	-	-	114,465	114,465
All Ferry Points	-	-	-	-	-	-	702	-	-	702	702
SECTOR TOTAL	169,859	-	486,346	7,269	3,062	114,465	702	3,578	2,091	617,513	787,372
NEW JERSEY SECTOR											
Lincoln Tunnel	71,992	-	-	180,724	-	-	-	-	-	180,724	252,716
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	86,777	-	-	-	86,777	86,777
Uptown Path Tunnel	-	-	64,989	-	-	-	-	-	-	64,989	64,989
Holland Tunnel	52,181	-	-	11,612	-	-	-	-	-	11,612	63,793
Downtown Path Tunnel	-	-	50,289	-	-	-	-	-	-	50,289	50,289
All Ferry Points	-	-	-	-	-	-	14,309	-	-	14,309	14,309
SECTOR TOTAL	124,173	-	115,278	192,336	-	86,777	14,309	-	-	408,700	532,873
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	33,100	-	150	33,250	33,250
TOTAL, ALL SECTORS	979,996	567,384	1,607,845	233,930	29,861	306,774	48,288	3,578	28,276	2,825,936	3,805,932

TABLE 16
WHERE AND WHEN MOTOR VEHICLES ENTERED THE HUB ON A FALL BUSINESS DAY IN 2013

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS			BUS			TOTAL MOTOR VEHICLES		
	8-9 AM	7-10AM	24 HOURS	8-9 AM	7-10AM	24 HOURS	8-9 AM	7-10AM	24 HOURS
60TH STREET SECTOR									
FDR DRIVE	5,220	15,080	81,533	-	-	-	5,220	15,080	81,533
YORK AVENUE	739	2,215	17,226	8	21	99	747	2,236	17,325
SECOND AVENUE	1,915	5,742	43,924	25	72	314	1,940	5,814	44,238
QUEENSBORO BRIDGE RAMP	-	-	-	-	-	-	-	-	-
LEXINGTON AVENUE	1,325	3,837	25,138	20	59	334	1,345	3,896	25,472
PARK AVENUE	1,490	4,007	20,245	-	-	-	1,490	4,007	20,245
FIFTH AVENUE	1,406	4,329	25,546	71	204	707	1,477	4,533	26,253
CENTRAL PARK DRIVE AND 7TH AVENUE	915	1,792	1,845	-	-	-	915	1,792	1,845
BROADWAY	1,021	2,932	17,952	29	87	509	1,050	3,019	18,461
COLUMBUS AVENUE	1,152	3,263	22,713	6	16	97	1,158	3,279	22,810
WEST END AVENUE	862	2,348	14,624	6	17	86	868	2,365	14,710
WEST SIDE HIGHWAY	4,187	12,707	58,650	-	-	-	4,187	12,707	58,650
SECTOR TOTAL	20,232	58,252	329,396	165	476	2,146	20,397	58,728	331,542
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	2,999	8,925	57,665	2	7	28	3,001	8,932	57,693
MANHATTAN BRIDGE	2,627	7,566	46,732	-	-	-	2,627	7,566	46,732
BROOKLYN BRIDGE	3,468	10,275	50,897	-	-	-	3,468	10,275	50,897
BROOKLYN BATTERY TUNNEL	2,909	8,006	29,203	197	414	648	3,106	8,420	29,851
SECTOR TOTAL	12,003	34,772	184,497	199	421	676	12,202	35,193	185,173
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	3,725	10,295	47,753	124	279	428	3,849	10,574	48,181
QUEENSBORO BRIDGE	5,295	15,191	84,482	13	35	212	5,308	15,226	84,694
SECTOR TOTAL	9,020	25,486	132,235	137	314	640	9,157	25,800	132,875
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,853	8,283	43,892	60	181	683	2,913	8,464	44,575
LINCOLN TUNNEL	3,349	10,528	45,621	1,026	2,438	6,905	4,375	12,966	52,526
SECTOR TOTAL	6,202	18,811	89,513	1,086	2,619	7,588	7,288	21,430	97,101
TOTAL, ALL SECTORS	47,457	137,321	735,641	1,587	3,830	11,050	49,044	141,151	746,691

Notes:

- Majority of buses crossing at the 60th 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 derermined based on Port Authority of NY&NJ bus traffic counts and on the occupancy rates from PA of NY&NJ 2011 Continuous Bus Survery.

TABLE 17
WHERE AND WHEN MOTOR VEHICLES LEFT THE HUB ON A FALL BUSINESS DAY IN 2013

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS			BUS			TOTAL MOTOR VEHICLES		
	5-6 PM	4-7 PM	24 HOUR	5-6 PM	4-7 PM	24 HOUR	5-6 PM	4-7 PM	24 HOUR
60TH STREET SECTOR									
FDR DRIVE	3,981	11,778	68,554	-	-	-	3,981	11,778	68,554
YORK AVENUE	1,002	3,069	17,050	7	19	98	1,009	3,088	17,148
FIRST AVENUE	1,687	5,084	32,799	19	56	317	1,706	5,140	33,116
QUEENSBORO BRIDGE RAMP	1,593	4,567	33,357	-	-	-	1,593	4,567	33,357
THIRD AVENUE	1,065	3,508	26,424	29	66	353	1,094	3,574	26,777
PARK AVENUE	1,296	3,856	20,490	-	-	-	1,296	3,856	20,490
MADISON AVENUE	1,096	3,414	21,996	89	212	707	1,185	3,626	22,703
CENTRAL PARK DRIVE FROM 6TH AVENUE	571	1,634	4,531	-	-	-	571	1,634	4,531
CENTRAL PARK WEST	859	2,524	14,608	9	31	156	868	2,555	14,764
BROADWAY	654	2,083	12,895	26	68	364	680	2,151	13,259
AMSTERDAM AVENUE	1,476	4,522	24,385	6	13	86	1,482	4,535	24,471
WEST END AVENUE	702	1,978	9,432	3	14	93	705	1,992	9,525
WEST SIDE HIGHWAY	3,150	9,951	52,910	-	-	-	3,150	9,951	52,910
SECTOR TOTAL	19,132	57,968	339,431	188	479	2,174	19,320	58,447	341,605
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	3,422	10,355	57,953	2	5	28	3,424	10,360	57,981
MANHATTAN BRIDGE	2,676	8,043	40,643	-	-	-	2,676	8,043	40,643
BROOKLYN BRIDGE	3,149	9,547	51,645	-	-	-	3,149	9,547	51,645
BROOKLYN BATTERY TUNNEL	2,175	6,277	24,186	144	358	663	2,319	6,635	24,849
SECTOR TOTAL	11,422	34,222	174,427	146	363	691	11,568	34,585	175,118
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	3,051	8,893	40,232	13	36	57	3,064	8,929	40,289
QUEENSBORO BRIDGE	4,750	14,017	86,325	99	229	537	4,849	14,246	86,862
SECTOR TOTAL	7,801	22,910	126,557	112	265	594	7,913	23,175	127,151
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,108	6,956	44,123	63	141	473	2,171	7,097	44,596
LINCOLN TUNNEL	3,941	12,241	50,974	643	1,737	6,881	4,584	13,978	57,855
SECTOR TOTAL	6,049	19,197	95,097	706	1,878	7,354	6,755	21,075	102,451
TOTAL, ALL SECTORS	44,404	134,297	735,512	1,152	2,985	10,813	45,556	137,282	746,325

Notes:

- Majority of buses crossing at the 60th 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.

TABLE 18
WHERE AND WHEN BUS PASSENGERS ENTERED THE HUB
ON A FALL BUSINESS DAY IN 2013

LOCATION / TRAVEL MODE	LOCAL BUS PASSENGERS			EXPRESS BUS PASSENGERS			TOTAL BUS PASSENGERS		
	8-9 AM	7-10AM	24 HOURS	8-9 AM	7-10AM	24 HOURS	8-9 AM	7-10AM	24 HOURS
60TH STREET SECTOR									
FDR DRIVE	-	-	-	-	-	-	-	-	-
YORK AVENUE	251	721	2,376	-	-	-	251	721	2,376
SECOND AVENUE	263	639	3,336	1,022	2,505	6,466	1,285	3,144	9,802
LEXINGTON AVENUE	487	1,218	4,796	146	415	823	633	1,633	5,619
FIFTH AVENUE	1,245	2,543	8,163	767	3,036	6,006	2,012	5,579	14,169
BROADWAY	459	1,164	4,587	54	162	411	513	1,326	4,998
COLUMBUS AVENUE	109	272	1,508	-	-	-	109	272	1,508
WEST END AVENUE	110	298	1,060	-	-	-	110	298	1,060
SECTOR TOTAL	2,924	6,855	25,826	1,989	6,118	13,706	4,913	12,973	39,532
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	20	57	169	-	-	-	20	57	169
MANHATTAN BRIDGE	-	-	-	-	-	-	-	-	-
BROOKLYN BATTERY TUNNEL	-	-	-	7,424	15,438	22,460	7,424	15,438	22,460
SECTOR TOTAL	20	57	169	7,424	15,438	22,460	7,444	15,495	22,629
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	4,801	9,882	12,250	4,801	9,882	12,250
QUEENSBORO BRIDGE	196	528	1,837	-	-	-	196	528	1,837
SECTOR TOTAL	196	528	1,837	4,801	9,882	12,250	4,997	10,410	14,087
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	1,966	6,115	17,592	1,966	6,115	17,592
LINCOLN TUNNEL	-	-	-	36,222	87,531	174,396	36,222	87,531	174,396
SECTOR TOTAL	-	-	-	38,188	93,646	191,988	38,188	93,646	191,988
TOTAL, ALL SECTORS	3,140	7,440	27,832	52,402	125,084	240,404	55,542	132,524	268,236

TABLE 19
WHERE AND WHEN BUS PASSENGERS LEFT THE HUB
ON A FALL BUSINESS DAY IN 2013

LOCATION / TRAVEL MODE	LOCAL BUS PASSENGERS			EXPRESS BUS PASSENGERS			TOTAL BUS PASSENGERS		
	5-6 PM	4-7 PM	24 HOURS	5-6 PM	4-7 PM	24 HOURS	5-6 PM	4-7 PM	24 HOURS
60TH STREET SECTOR									
FDR DRIVE	-	-	-	-	-	-	-	-	-
YORK AVENUE	131	421	1,808	-	-	-	131	421	1,808
FIRST AVENUE	212	735	2,846	875	2,137	7,555	1,087	2,872	10,401
THIRD AVENUE	604	1,586	5,712	43	113	257	647	1,699	5,969
MADISON AVENUE	1,084	2,711	8,019	1,390	3,186	5,505	2,474	5,897	13,524
CENTRAL PARK WEST	88	278	874	-	-	-	88	278	874
BROADWAY	552	1,446	4,742	32	94	212	584	1,540	4,954
AMSTERDAM AVENUE	130	309	1,600	-	-	-	130	309	1,600
WEST END AVENUE	69	303	969	-	-	-	69	303	969
SECTOR TOTAL	2,870	7,789	26,570	2,340	5,530	13,529	5,210	13,319	40,099
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	23	67	229	-	-	-	23	67	229
MANHATTAN BRIDGE	-	-	-	-	-	-	-	-	-
BROOKLYN BATTERY TUNNEL	-	-	-	4,843	12,187	20,796	4,843	12,187	20,796
SECTOR TOTAL	23	67	229	4,843	12,187	20,796	4,866	12,254	21,025
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	415	991	1,236	415	991	1,236
QUEENSBORO BRIDGE	355	889	3,062	2,063	4,393	6,033	2,418	5,282	9,095
SECTOR TOTAL	355	889	3,062	2,478	5,384	7,269	2,833	6,273	10,331
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	2,281	5,089	11,612	2,281	5,089	11,612
LINCOLN TUNNEL	-	-	-	27,555	72,541	180,724	27,555	72,541	180,724
SECTOR TOTAL	-	-	-	29,836	77,630	192,336	29,836	77,630	192,336
TOTAL, ALL SECTORS	3,248	8,745	29,861	39,497	100,731	233,930	42,745	109,476	263,791

TABLE 20
LEVEL OF COMFORT AND HEADWAY
FOR PUBLIC TRANSPORTATION VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY IN 2012 AND 2013
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)	
	2012	2013	2012	2013	2012	2013 (2)	2012	2013	2012	2013	2012	2013	2012	2013
60TH STREET SECTOR														
LEXINGTON AVE EXPRESS	23	27	230	270	138,460	118,800	25,795	26,595	112	99	5.37	4.47	2.6	2.2
LEXINGTON AVE LOCAL	22	22	220	220	132,440	96,800	24,331	24,697	111	112	5.44	3.92	2.7	2.7
EIGHTH AVE EXPRESS	17	19	136	152	81,872	114,000	22,049	23,261	162	153	3.71	4.90	3.5	3.2
EIGHTH AVE LOCAL	12	12	96	96	57,792	64,992	8,932	9,236	93	96	6.47	7.04	5.0	5.0
BROADWAY/7TH AVE EXPRESS	23	22	230	220	138,460	96,800	22,917	23,713	100	108	6.04	4.08	2.6	2.7
BROADWAY/7TH AVE LOCAL	17	19	170	190	102,340	83,600	16,169	16,596	95	87	6.33	5.04	3.5	3.2
MTA/AMTRAK TUN.	54	52	407	402	245,014	242,004	33,438	33,835	82	84	7.33	7.15	1.1	1.2
BUSES	-	-	157	165	50,240	53,660	5,261	4,913	34	30	9.55	10.92	-	-
SECTOR AVERAGE	168	173	1,646	1,715	946,618	870,656	158,892	162,846	99	96	5.96	5.35	3.0	2.9
BROOKLYN SECTOR														
14TH ST. TUNNEL	18	19	144	152	86,688	91,504	18,988	20,404	132	134	4.57	4.48	3.3	3.2
WILLIAMSBURG BRIDGE	15	16	120	128	72,240	77,056	11,825	13,461	99	105	6.11	5.72	4.0	3.8
RUTGERS ST. TUNNEL	11	14	110	140	66,220	99,820	13,156	13,500	120	96	5.03	7.39	5.5	4.3
MANHATTAN BRIDGE	38	38	344	344	207,088	229,448	40,827	45,805	119	133	5.07	5.01	1.6	1.6
CRANBERRY ST. TUNNEL	25	24	200	192	120,400	133,248	24,417	25,206	122	131	4.93	5.29	2.4	2.5
CLARK ST. TUNNEL	17	18	170	180	102,340	79,200	14,759	15,255	87	85	6.93	5.19	3.5	3.3
MONTAGUE ST. TUNNEL	10	-	80	-	48,160	-	6,858	-	86	-	7.02	-	6.0	-
JORALEMON ST. TUNNEL	23	23	230	230	138,460	101,200	19,397	22,189	84	96	7.14	4.56	2.6	2.6
BUSES	-	-	182	199	58,240	64,120	7,280	7,444	40	37	8.00	8.61	-	-
SECTOR AVERAGE	157	152	1,580	1,565	899,836	875,596	157,507	163,264	99	91	5.71	5.36	3.6	2.7
QUEENS SECTOR														
60TH STREET TUNNEL	23	24	212	224	127,624	134,848	25,695	28,334	121	126	4.97	4.76	2.6	2.5
53RD STREET TUNNEL	24	24	220	220	132,440	132,440	27,493	28,031	125	127	4.82	4.72	2.5	2.5
STEINWAY TUNNEL	26	26	286	286	172,172	125,840	19,576	20,671	68	72	8.80	6.09	2.3	2.3
63RD STREET TUNNEL	15	15	150	150	90,300	106,950	16,264	16,485	108	110	5.55	6.49	4.0	4.0
LIRR/AMTRAK TUNNELS	37	37	388	388	233,576	233,576	33,094	33,197	85	86	7.06	7.04	1.6	1.6
BUSES	-	-	136	137	43,520	53,380	4,435	4,997	33	36	9.81	10.68	-	-
SECTOR AVERAGE	125	126	1,392	1,405	799,632	787,034	126,557	131,715	90	93	6.32	5.98	2.6	2.6
NEW JERSEY SECTOR														
PATH DOWNTOWN TUNNEL	24	24	192	192	70,656	70,656	15,232	13,254	79	69	4.64	5.33	2.5	2.5
PATH UPTOWN TUNNEL	24	24	168	168	61,824	61,824	11,811	15,747	70	94	5.23	3.93	2.5	2.5
N.J. TRANSIT/AMTRAK TUNNEL	26	26	219	218	131,838	131,236	21,115	22,671	96	104	6.24	5.79	2.3	2.3
BUSES	-	-	993	1,086	317,760	347,520	35,052	38,188	35	35	9.07	9.10	-	-
SECTOR AVERAGE	74	74	1,572	1,664	582,078	611,236	83,210	89,860	70	75	7.00	6.80	2.4	2.4
STATEN ISLAND FERRY	4	4	4	4	80,000	80,000	5,851	5,851	1,463	1,463	13.67	13.67	15.0	15.0
ROOSEVELT ISLAND TRAMWAY	8	8	8	8	2,075	2,075	789	789	99	99	3	2.63	7.5	7.5
TOTAL/AVERAGE, ALL SECTORS	536	537	6,202	6,361	3,310,239	3,226,597	532,806	554,325	86	87	6.21	5.82	2.9	2.6

TABLE 21A
TOTAL PERSONS ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY IN 2011, 2012, AND 2013

HOURS	2011			2012			2013		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	28,067	58,246	86,313	29,056	56,708	85,764	28,537	54,140	82,677
1:00am	15,331	28,331	43,662	16,891	28,827	45,718	14,535	27,160	41,695
2:00am	10,898	15,496	26,394	11,561	15,398	26,959	10,732	14,748	25,480
3:00am	12,443	13,889	26,332	12,895	13,724	26,619	12,532	13,874	26,406
4:00am	26,777	18,820	45,597	27,114	18,077	45,191	27,141	18,527	45,668
5:00am	83,864	35,482	119,346	85,155	34,830	119,985	88,197	35,885	124,082
6:00am	208,788	80,441	289,229	215,212	82,437	297,649	222,517	85,594	308,111
7:00am	418,959	147,558	566,517	422,964	151,623	574,587	440,240	154,344	594,584
8:00am	593,517	166,188	759,705	600,132	168,235	768,367	622,269	170,598	792,867
9:00am	355,483	129,970	485,453	374,259	130,931	505,190	359,851	132,402	492,253
10:00am	199,724	109,122	308,846	207,973	111,256	319,229	207,252	108,978	316,230
11:00am	157,761	107,842	265,603	163,726	110,826	274,552	164,492	111,546	276,038
12:00pm	144,682	124,266	268,948	148,393	126,979	275,372	149,638	123,207	272,845
1:00pm	143,788	137,662	281,450	145,496	141,078	286,574	147,456	140,954	288,410
2:00pm	150,295	168,466	318,761	153,294	172,307	325,601	155,136	175,039	330,175
3:00pm	167,655	230,227	397,882	173,456	235,510	408,966	175,742	238,754	414,496
4:00pm	184,032	311,202	495,234	187,201	311,342	498,543	188,352	324,651	513,003
5:00pm	197,270	473,889	671,159	200,933	478,808	679,741	205,399	482,504	687,903
6:00pm	159,525	409,366	568,891	166,499	418,937	585,436	168,782	436,548	605,330
7:00pm	119,765	279,740	399,505	121,307	295,429	416,736	126,311	296,779	423,090
8:00pm	90,668	203,145	293,813	94,124	220,914	315,038	97,964	219,178	317,142
9:00pm	76,184	164,374	240,558	79,033	178,488	257,521	80,690	182,489	263,179
10:00pm	66,007	136,258	202,265	66,317	143,620	209,937	69,312	146,068	215,380
11:00pm	50,074	105,043	155,117	51,520	114,062	165,582	53,416	111,965	165,381
TOTAL	3,661,557	3,655,023	7,316,580	3,754,511	3,760,346	7,514,857	3,816,493	3,805,932	7,622,425

TABLE 21B
CUMULATIVE TOTAL OF PERSONS ENTERING THE HUB
AT PEAK ACCUMULATION 1975-2013

YEAR	TOTAL 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
2013	1,342,153	2:00pm

TABLE 22A
TOTAL PUBLIC TRANSIT PASSENGERS ENTERING AND LEAVING
THE HUB ON A FALL BUSINESS DAY IN 2011, 2012, AND 2013

HOURS	2011			2012			2013		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	8,534	29,051	37,585	9,030	26,913	35,943	8,616	25,389	34,005
1:00am	3,405	10,176	13,581	4,081	9,820	13,901	2,710	9,521	12,231
2:00am	1,925	3,315	5,240	2,316	3,257	5,573	2,088	3,015	5,103
3:00am	3,401	3,582	6,983	3,760	3,884	7,644	3,660	4,058	7,718
4:00am	12,184	5,627	17,811	12,254	5,383	17,637	13,167	5,997	19,164
5:00am	54,104	13,383	67,487	54,853	13,826	68,679	58,843	15,473	74,316
6:00am	159,418	45,522	204,940	165,014	47,806	212,820	173,387	50,848	224,235
7:00am	359,603	101,207	460,810	365,214	106,174	471,388	382,600	109,676	492,276
8:00am	528,144	119,693	647,837	537,615	122,433	660,048	558,437	125,559	683,996
9:00am	292,836	86,205	379,041	313,087	87,004	400,091	300,214	88,960	389,174
10:00am	146,030	65,264	211,294	154,414	67,112	221,526	154,363	67,403	221,766
11:00am	110,144	65,223	175,367	117,473	66,584	184,057	116,858	69,219	186,077
12:00pm	97,765	79,585	177,350	102,443	80,562	183,005	102,803	78,565	181,368
1:00pm	96,791	89,830	186,621	99,556	92,833	192,389	101,424	93,675	195,099
2:00pm	100,808	113,886	214,694	105,572	118,432	224,004	107,376	122,172	229,548
3:00pm	118,152	170,497	288,649	124,849	175,348	300,197	127,803	178,699	306,502
4:00pm	134,363	248,982	383,345	138,066	247,685	385,751	140,437	262,350	402,787
5:00pm	144,730	408,426	553,156	148,693	412,477	561,170	154,877	419,308	574,185
6:00pm	107,780	344,522	452,302	116,528	354,219	470,747	117,680	370,934	488,614
7:00pm	71,113	219,871	290,984	75,571	234,075	309,646	77,854	235,799	313,653
8:00pm	48,268	149,984	198,252	52,573	163,970	216,543	54,903	163,746	218,649
9:00pm	37,451	112,171	149,622	39,743	125,979	165,722	41,270	129,598	170,868
10:00pm	29,692	88,618	118,310	29,901	95,146	125,047	30,996	96,690	127,686
11:00pm	18,691	64,427	83,118	19,687	70,098	89,785	21,145	71,006	92,151
TOTAL	2,685,332	2,639,047	5,324,379	2,792,293	2,731,020	5,523,313	2,853,511	2,797,660	5,651,171

TABLE 22B
CUMULATIVE TOTAL OF PASSENGERS ENTERING AND LEAVING THE
HUB BY PUBLIC TRANSPORTATION, AT PEAK ACCUMULATION
1975-2013

YEAR	TOTAL 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
2013	1,230,358	2:00pm

TABLE 23A
TOTAL PRIVATE MOTOR VEHICLES ENTERING AND LEAVING
THE HUB ON A FALL BUSINESS DAY IN YEARS 2011, 2012, AND 2013

HOURS	2011			2012			2013		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	15,151	21,957	37,108	15,649	22,423	38,072	15,489	21,680	37,169
1:00am	9,273	13,623	22,896	10,003	14,320	24,323	9,224	13,317	22,541
2:00am	7,011	9,175	16,186	7,226	9,149	16,375	6,762	8,871	15,633
3:00am	7,114	7,823	14,937	7,149	7,453	14,602	6,973	7,461	14,434
4:00am	11,524	10,098	21,622	11,660	9,695	21,355	11,031	9,589	20,620
5:00am	23,551	16,851	40,402	23,770	16,037	39,807	23,192	15,639	38,831
6:00am	40,072	26,467	66,539	40,798	26,323	67,121	39,848	26,305	66,153
7:00am	47,152	34,663	81,815	46,006	34,045	80,051	45,434	33,209	78,643
8:00am	49,348	34,317	83,665	47,328	34,093	81,421	47,457	33,023	80,480
9:00am	47,214	31,924	79,138	46,137	32,279	78,416	44,430	31,593	76,023
10:00am	41,270	32,223	73,493	41,230	32,671	73,901	40,442	30,607	71,049
11:00am	36,478	31,511	67,989	35,671	32,800	68,471	36,666	31,337	68,003
12:00pm	35,221	32,712	67,933	34,644	34,049	68,693	35,312	32,707	68,019
1:00pm	35,558	35,561	71,119	34,890	35,840	70,730	34,848	35,091	69,939
2:00pm	37,548	40,357	77,905	36,369	39,630	75,999	36,176	38,950	75,126
3:00pm	38,181	44,581	82,762	37,619	44,922	82,541	36,770	44,534	81,304
4:00pm	37,699	45,276	82,975	37,497	46,410	83,907	36,194	44,961	81,155
5:00pm	39,309	46,722	86,031	39,242	47,376	86,618	37,459	44,404	81,863
6:00pm	39,095	45,159	84,254	38,011	45,266	83,277	38,363	44,932	83,295
7:00pm	36,875	42,110	78,985	34,950	43,493	78,443	36,632	42,631	79,263
8:00pm	32,133	38,319	70,452	31,834	41,468	73,302	32,670	39,981	72,651
9:00pm	29,549	37,987	67,536	30,145	38,389	68,534	30,143	38,434	68,577
10:00pm	27,595	34,941	62,536	27,888	35,519	63,407	29,377	36,089	65,466
11:00pm	23,978	29,922	53,900	24,590	32,432	57,022	24,749	30,167	54,916
TOTAL	747,899	744,279	1,492,178	740,306	756,082	1,496,388	735,641	735,512	1,471,153

TABLE 23B
CUMULATIVE TOTAL OF MOTOR VEHICLES ENTERING AND LEAVING
THE HUB AT PEAK ACCUMULATION, 1973-2013

YEAR	TOTAL 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
2013	79,753	1:00pm

TABLE 24
TOTAL PERSONS ENTERING THE HUB BY HOUR AND MODE IN 2013

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE (1)	TOTAL
12:00am	19,921	6,334	1,326	834	102	20	0	28,537
1:00am	11,825	1,873	383	397	56	1	0	14,535
2:00am	8,644	1,299	440	317	32	0	0	10,732
3:00am	8,872	3,177	421	30	32	0	0	12,532
4:00am	13,974	11,323	1,414	340	90	0	0	27,141
5:00am	29,354	44,975	9,014	4,110	732	12	0	88,197
6:00am	48,384	120,019	27,942	21,793	3,555	84	740	222,517
7:00am	55,942	267,212	50,378	56,763	7,946	314	1,685	440,240
8:00am	60,567	402,440	55,542	89,703	10,130	625	3,262	622,269
9:00am	56,645	230,492	26,604	38,925	3,745	461	2,979	359,851
10:00am	51,086	125,710	10,847	15,372	2,207	229	1,801	207,252
11:00am	46,248	95,952	8,547	9,942	2,235	185	1,383	164,492
12:00pm	45,331	85,062	6,582	8,683	2,291	187	1,502	149,638
1:00pm	44,629	85,767	6,787	6,473	2,257	145	1,398	147,456
2:00pm	46,438	91,234	7,836	6,117	2,008	184	1,319	155,136
3:00pm	46,430	108,327	9,839	6,372	3,073	194	1,507	175,742
4:00pm	46,240	120,578	10,416	7,030	2,226	188	1,674	188,352
5:00pm	48,532	132,943	9,933	9,645	2,192	164	1,990	205,399
6:00pm	49,042	97,745	8,023	10,069	1,665	179	2,059	168,782
7:00pm	46,660	64,475	5,394	7,015	853	118	1,796	126,311
8:00pm	41,726	45,724	4,364	4,009	742	67	1,332	97,964
9:00pm	38,469	35,350	2,641	2,773	447	59	951	80,690
10:00pm	37,608	26,168	2,114	2,252	404	59	707	69,312
11:00pm	31,904	18,563	1,449	802	304	27	367	53,416
TOTAL	934,471	2,222,742	268,236	309,766	49,324	3,502	28,452	3,816,493

(1) - Excludes SI Ferry bicyclists

TABLE 25
TOTAL PERSONS LEAVING THE HUB BY HOUR AND MODE IN 2013

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE (1)	TOTAL
12:00am	28,751	18,480	4,063	2,265	544	37	0	54,140
1:00am	17,639	5,818	1,703	1,625	364	11	0	27,160
2:00am	11,733	2,405	303	139	167	1	0	14,748
3:00am	9,816	3,457	227	297	77	0	0	13,874
4:00am	12,530	5,391	158	362	86	0	0	18,527
5:00am	20,412	13,420	993	915	143	2	0	35,885
6:00am	34,429	43,030	3,906	3,175	714	31	309	85,594
7:00am	43,956	93,232	8,747	6,816	812	77	704	154,344
8:00am	43,982	107,109	10,724	6,317	1,353	68	1,045	170,598
9:00am	42,424	71,114	12,525	4,263	988	84	1,004	132,402
10:00am	40,696	55,244	6,893	3,817	1,362	94	872	108,978
11:00am	41,304	57,047	6,074	4,183	1,773	145	1,020	111,546
12:00pm	43,345	65,602	5,742	5,038	2,035	154	1,291	123,207
1:00pm	45,999	78,040	6,946	6,432	2,110	154	1,273	140,954
2:00pm	51,631	99,267	10,265	10,109	2,376	162	1,229	175,039
3:00pm	58,575	142,312	14,773	18,358	3,019	245	1,472	238,754
4:00pm	60,334	196,580	26,398	33,476	5,672	236	1,955	324,651
5:00pm	60,293	297,285	42,745	70,372	8,478	441	2,890	482,504
6:00pm	61,611	267,481	40,333	55,667	6,946	521	3,989	436,548
7:00pm	57,725	178,359	24,156	29,051	3,818	427	3,243	296,779
8:00pm	53,270	130,759	13,790	17,041	1,908	256	2,154	219,178
9:00pm	51,225	104,568	10,170	12,854	1,794	215	1,663	182,489
10:00pm	48,163	79,534	7,379	8,597	1,051	134	1,210	146,068
11:00pm	40,153	59,695	4,778	5,605	848	83	803	111,965
TOTAL	979,996	2,175,229	263,791	306,774	48,438	3,578	28,126	3,805,932

(1) - Excludes SI Ferry bicyclists

TABLE 26
TOTAL PERSONS ENTERING THE HUB BY HOUR AND SECTOR IN 2013

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	N. J. SECTOR	S. I. SECTOR (FERRY)	ROOSEVELT ISLAND (TRAMWAY)	TOTAL
12:00am	13,347	6,766	4,942	3,363	99	20	28,537
1:00am	6,420	3,835	2,548	1,675	56	1	14,535
2:00am	4,521	2,639	2,093	1,447	32	0	10,732
3:00am	4,793	3,407	2,730	1,570	32	0	12,532
4:00am	9,089	8,113	6,378	3,471	90	0	27,141
5:00am	29,207	22,498	18,852	17,021	607	12	88,197
6:00am	66,025	59,288	51,621	43,229	2,270	84	222,517
7:00am	136,381	118,771	100,990	78,886	4,898	314	440,240
8:00am	191,653	178,915	143,052	102,500	5,524	625	622,269
9:00am	115,989	110,585	78,682	52,069	2,065	461	359,851
10:00am	72,139	62,854	46,955	23,466	1,609	229	207,252
11:00am	62,722	47,692	33,442	18,617	1,834	185	164,492
12:00pm	60,716	42,631	28,712	15,493	1,899	187	149,638
1:00pm	60,235	42,486	27,994	14,675	1,921	145	147,456
2:00pm	64,146	43,315	29,831	15,949	1,711	184	155,136
3:00pm	77,228	44,957	32,233	18,341	2,789	194	175,742
4:00pm	84,247	47,374	34,231	20,473	1,839	188	188,352
5:00pm	89,984	51,616	36,777	25,351	1,507	164	205,399
6:00pm	76,874	40,176	30,177	20,281	1,095	179	168,782
7:00pm	60,069	29,633	20,850	15,009	632	118	126,311
8:00pm	47,286	23,508	15,287	11,175	641	67	97,964
9:00pm	39,579	19,558	12,677	8,402	415	59	80,690
10:00pm	33,377	17,635	10,784	7,067	390	59	69,312
11:00pm	25,976	14,727	7,853	4,530	303	27	53,416
TOTAL	1,432,003	1,042,979	779,691	524,060	34,258	3,502	3,816,493

TABLE 27
TOTAL PERSONS LEAVING THE HUB BY HOUR AND SECTOR IN 2013

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	N. J. SECTOR	S. I. SECTOR (FERRY)	ROOSEVELT ISLAND (TRAMWAY)	TOTAL
12:00am	18,468	15,918	11,644	7,551	522	37	54,140
1:00am	9,430	7,606	5,754	3,995	364	11	27,160
2:00am	5,175	4,374	3,366	1,665	167	1	14,748
3:00am	5,297	3,680	3,222	1,598	77	0	13,874
4:00am	7,585	4,619	4,049	2,188	86	0	18,527
5:00am	15,992	8,181	7,224	4,343	143	2	35,885
6:00am	39,456	19,779	15,404	10,273	651	31	85,594
7:00am	76,480	33,578	24,556	19,157	496	77	154,344
8:00am	81,234	39,089	26,111	23,301	795	68	170,598
9:00am	60,639	30,775	19,407	20,888	609	84	132,402
10:00am	52,846	25,402	16,485	13,000	1,151	94	108,978
11:00am	51,322	27,311	18,784	12,407	1,577	145	111,546
12:00pm	54,688	31,221	22,256	13,131	1,757	154	123,207
1:00pm	60,440	36,774	26,433	15,395	1,758	154	140,954
2:00pm	72,149	45,428	34,399	20,934	1,967	162	175,039
3:00pm	87,915	64,748	53,571	29,875	2,400	245	238,754
4:00pm	106,675	89,972	73,996	49,799	3,973	236	324,651
5:00pm	153,823	129,453	113,788	80,105	4,894	441	482,504
6:00pm	139,031	124,229	94,331	74,963	3,473	521	436,548
7:00pm	96,415	89,559	63,958	44,292	2,128	427	296,779
8:00pm	73,448	67,003	47,030	30,103	1,338	256	219,178
9:00pm	63,912	54,521	38,664	23,812	1,365	215	182,489
10:00pm	51,887	42,514	32,256	18,460	817	134	146,068
11:00pm	39,685	32,711	27,106	11,638	742	83	111,965
TOTAL	1,423,992	1,028,445	783,794	532,873	33,250	3,578	3,805,932

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Appendix III

Hourly Detail Tables - 2013

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SECTION A

BUS TRANSIT BY SECTOR

SUMMARY, 2013-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	38	239	1	2	5	6	62	1,079	106	1,326
1:00am	12	40	1	2	5	7	38	334	56	383
2:00am	9	34	1	7	2	1	17	398	29	440
3:00am	7	22	1	8	1	5	13	386	22	421
4:00am	12	98	5	142	2	18	31	1,156	50	1,414
5:00am	58	622	20	665	4	54	200	7,673	282	9,014
6:00am	128	2,334	78	2,916	52	1,763	548	20,929	806	27,942
7:00am	181	4,986	142	5,438	117	4,161	905	35,793	1,345	50,378
8:00am	165	4,913	199	7,444	137	4,997	1,086	38,188	1,587	55,542
9:00am	130	3,074	80	2,613	60	1,252	628	19,665	898	26,604
10:00am	111	2,096	29	859	24	344	291	7,548	455	10,847
11:00am	105	2,050	17	424	22	262	225	5,811	369	8,547
12:00pm	105	2,134	16	346	22	201	185	3,901	328	6,582
1:00pm	119	1,941	16	292	21	182	244	4,372	400	6,787
2:00pm	116	2,188	14	345	19	143	308	5,160	457	7,836
3:00pm	126	2,549	16	330	17	101	470	6,859	629	9,839
4:00pm	127	2,300	11	270	22	158	581	7,688	741	10,416
5:00pm	120	2,405	9	207	20	128	436	7,193	585	9,933
6:00pm	109	1,922	6	107	25	105	383	5,889	523	8,023
7:00pm	95	1,240	3	64	17	62	286	4,028	401	5,394
8:00pm	80	784	4	32	16	45	222	3,503	322	4,364
9:00pm	72	611	3	40	11	33	171	1,957	257	2,641
10:00pm	65	607	2	41	10	29	148	1,437	225	2,114
11:00pm	56	343	2	35	9	30	110	1,041	177	1,449
TOTAL	2,146	39,532	676	22,629	640	14,087	7,588	191,988	11,050	268,236

SUMMARY, 2013-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	57	576	18	393	9	189	122	2,905	206	4,063
1:00am	36	212	5	173	3	59	59	1,259	103	1,703
2:00am	10	47	2	27	2	13	18	216	32	303
3:00am	8	22	1	4	2	4	10	197	21	227
4:00am	9	44	1	8	2	2	9	104	21	158
5:00am	18	95	1	9	5	10	74	879	98	993
6:00am	51	564	2	39	4	12	317	3,291	374	3,906
7:00am	93	1,689	3	25	9	53	610	6,980	715	8,747
8:00am	114	1,941	6	123	13	63	664	8,597	797	10,724
9:00am	121	1,286	6	87	21	69	760	11,083	908	12,525
10:00am	128	1,407	6	88	21	63	323	5,335	478	6,893
11:00am	112	1,587	11	151	21	117	218	4,219	362	6,074
12:00pm	105	1,668	14	254	22	123	192	3,697	333	5,742
1:00pm	115	1,887	14	301	19	191	198	4,567	346	6,946
2:00pm	110	2,449	22	547	24	255	226	7,014	382	10,265
3:00pm	119	2,621	43	1,323	30	532	285	10,297	477	14,773
4:00pm	136	3,329	85	2,749	61	1,107	467	19,213	749	26,398
5:00pm	188	5,210	146	4,866	112	2,833	706	29,836	1,152	42,745
6:00pm	155	4,780	132	4,639	92	2,333	705	28,581	1,084	40,333
7:00pm	141	3,162	71	2,219	55	1,068	513	17,707	780	24,156
8:00pm	118	2,152	43	1,266	21	406	314	9,966	496	13,790
9:00pm	87	1,538	31	942	19	361	241	7,329	378	10,170
10:00pm	77	1,063	17	450	15	234	185	5,632	294	7,379
11:00pm	66	770	11	342	12	234	138	3,432	227	4,778
TOTAL	2,174	40,099	691	21,025	594	10,331	7,354	192,336	10,813	263,791

Notes:

- Majority of buses crossing at the 60th 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 60TH STREET SECTOR 2013 - 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	4	38	4	40	-	-	4	40	8	101	-	-	8	101	3	16	2	2	-	-	5	18
1:00am	1	2	2	8	-	-	2	8	3	23	-	-	3	23	1	2	-	-	-	-	1	2
2:00am	-	-	2	2	-	-	2	2	3	25	-	-	3	25	1	2	-	-	-	-	1	2
3:00am	-	-	2	10	-	-	2	10	2	8	-	-	2	8	1	1	-	-	-	-	1	1
4:00am	-	-	4	32	-	-	4	32	5	58	-	-	5	58	-	-	-	-	-	-	-	-
5:00am	1	14	6	45	9	17	15	62	13	103	1	34	14	137	5	47	8	238	-	43	13	328
6:00am	4	75	8	78	12	267	20	345	19	163	4	103	23	266	14	191	35	1,107	2	98	51	1,396
7:00am	6	240	9	177	21	1,042	30	1,219	14	364	7	192	21	556	20	511	61	1,804	3	115	84	2,430
8:00am	8	251	8	263	17	1,022	25	1,285	14	487	6	146	20	633	33	1,245	35	732	3	35	71	2,012
9:00am	7	230	7	199	10	441	17	640	15	367	3	77	18	444	27	787	21	329	1	21	49	1,137
10:00am	6	110	7	149	10	289	17	438	14	235	3	55	17	290	19	495	14	244	1	28	34	767
11:00am	6	117	7	172	8	275	15	447	15	317	2	29	17	346	16	456	12	172	1	-	29	628
12:00pm	5	151	6	165	9	286	15	451	14	275	2	26	16	301	20	592	14	154	1	14	35	760
1:00pm	5	86	7	162	10	293	17	455	17	316	2	20	19	336	20	434	13	169	-	-	33	603
2:00pm	4	119	6	207	8	351	14	558	19	318	2	32	21	350	24	581	11	89	-	-	35	670
3:00pm	6	157	6	193	11	415	17	608	17	374	2	18	19	392	21	634	15	155	-	-	36	789
4:00pm	6	155	8	227	9	363	17	590	15	288	2	18	17	306	37	680	13	112	-	-	50	792
5:00pm	7	209	6	156	10	372	16	528	16	318	2	40	18	358	29	661	12	98	-	-	41	759
6:00pm	6	142	7	321	12	413	19	734	14	215	1	10	15	225	19	383	12	47	-	-	31	430
7:00pm	6	144	5	179	9	294	14	473	16	175	2	9	18	184	18	184	10	37	-	-	28	221
8:00pm	3	63	5	147	5	182	10	329	13	128	1	4	14	132	14	74	9	39	-	-	23	113
9:00pm	3	33	5	111	4	94	9	205	8	48	2	6	10	54	13	103	9	38	-	-	22	141
10:00pm	3	18	5	179	3	50	8	229	5	35	1	1	6	36	12	62	8	55	-	-	20	117
11:00pm	2	22	5	114	-	-	5	114	9	55	1	3	10	58	5	22	9	31	-	-	14	53
TOTAL	99	2,376	137	3,336	177	6,466	314	9,802	288	4,796	46	823	334	5,619	372	8,163	323	5,652	12	354	707	14,169

60TH STREET SECTOR 2013- 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	39	-	-	12	39	2	2	3	1	36	237	2	2	-	-	38	239
1:00am	5	5	-	-	5	5	-	-	-	-	12	40	-	-	-	-	12	40
2:00am	3	5	-	-	3	5	-	-	-	-	9	34	-	-	-	-	9	34
3:00am	2	3	-	-	2	3	-	-	-	-	7	22	-	-	-	-	7	22
4:00am	3	8	-	-	3	8	-	-	-	-	12	98	-	-	-	-	12	98
5:00am	11	58	-	-	11	58	3	14	1	9	49	307	9	272	-	43	58	622
6:00am	17	112	3	59	20	171	5	51	5	30	84	967	42	1,269	2	98	128	2,334
7:00am	24	277	3	75	27	352	6	84	7	105	107	2,800	71	2,071	3	115	181	4,986
8:00am	27	459	2	54	29	513	6	109	6	110	119	3,946	43	932	3	35	165	4,913
9:00am	29	428	2	33	31	461	4	79	4	83	103	2,614	26	439	1	21	130	3,074
10:00am	24	277	2	35	26	312	7	113	4	66	91	1,734	19	334	1	28	111	2,096
11:00am	26	333	2	26	28	359	6	108	4	45	88	1,823	16	227	1	-	105	2,050
12:00pm	24	293	2	26	26	319	5	102	3	50	86	1,914	18	206	1	14	105	2,134
1:00pm	32	285	2	18	34	303	7	97	4	61	102	1,734	17	207	-	-	119	1,941
2:00pm	29	303	2	19	31	322	7	106	4	63	101	2,048	15	140	-	-	116	2,188
3:00pm	32	319	2	12	34	331	8	185	6	87	107	2,364	19	185	-	-	126	2,549
4:00pm	26	283	2	9	28	292	5	100	4	65	110	2,161	17	139	-	-	127	2,300
5:00pm	24	291	2	16	26	307	6	132	6	112	104	2,251	16	154	-	-	120	2,405
6:00pm	25	256	2	5	27	261	4	65	7	65	94	1,860	15	62	-	-	109	1,922
7:00pm	20	117	1	8	21	125	3	42	5	51	82	1,186	13	54	-	-	95	1,240
8:00pm	22	103	2	9	24	112	3	24	3	11	68	732	12	52	-	-	80	784
9:00pm	19	111	2	3	21	114	4	48	3	16	59	564	13	47	-	-	72	611
10:00pm	19	150	2	1	21	151	3	31	4	25	54	550	11	57	-	-	65	607
11:00pm	17	72	2	3	19	75	3	16	3	5	44	306	12	37	-	-	56	343
TOTAL	472	4,587	37	411	509	4,998	97	1,508	86	1,060	1,728	32,292	406	6,886	12	354	2,146	39,532

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

SECTION A

BUS TRANSIT BY ROUTE 60TH STREET SECTOR 2013-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	2	8	6	127	-	-	6	127	11	111	1	5	12	116	7	76	9	130	-	-	16	206
1:00am	1	6	6	40	-	-	6	40	8	41	-	-	8	41	3	19	3	13	-	-	6	32
2:00am	-	-	4	22	-	-	4	22	3	18	-	-	3	18	1	1	-	-	-	-	1	1
3:00am	-	-	2	10	-	-	2	10	3	9	-	-	3	9	1	3	-	-	-	-	1	3
4:00am	-	-	2	23	-	-	2	23	3	11	-	-	3	11	1	-	-	-	-	-	1	-
5:00am	1	6	3	52	-	-	3	52	6	26	-	-	6	26	2	10	-	-	-	-	2	10
6:00am	3	65	3	50	5	203	8	253	19	124	1	1	20	125	4	44	2	4	-	-	6	48
7:00am	3	126	5	82	11	622	16	704	15	222	2	2	17	224	17	260	12	53	-	-	29	313
8:00am	5	109	8	143	20	891	28	1,034	12	208	2	2	14	210	17	268	13	43	-	-	30	311
9:00am	8	91	7	77	15	375	22	452	14	189	2	3	16	192	21	254	13	22	-	-	34	276
10:00am	9	87	9	159	12	249	21	408	15	212	1	1	16	213	31	374	11	41	-	-	42	415
11:00am	4	58	7	151	8	257	15	408	15	272	3	8	18	280	23	440	14	55	-	-	37	495
12:00pm	6	85	6	116	8	246	14	362	15	304	2	2	17	306	17	483	13	61	1	-	31	544
1:00pm	4	73	7	150	9	341	16	491	17	321	2	7	19	328	21	457	13	105	-	-	34	562
2:00pm	4	84	6	138	9	442	15	580	15	409	3	8	18	417	19	661	13	125	1	21	33	807
3:00pm	6	87	6	173	10	513	16	686	15	374	3	16	18	390	17	509	18	261	1	16	36	786
4:00pm	5	89	7	222	7	408	14	630	11	328	4	25	15	353	25	770	35	752	2	47	62	1,569
5:00pm	7	131	7	212	12	875	19	1,087	24	604	5	43	29	647	33	1,084	53	1,298	3	92	89	2,474
6:00pm	7	201	9	301	14	854	23	1,155	17	654	5	45	22	699	22	857	37	942	2	55	61	1,854
7:00pm	7	200	5	133	11	485	16	618	21	484	3	16	24	500	19	535	29	605	1	29	49	1,169
8:00pm	5	91	8	150	14	383	22	533	12	299	3	28	15	327	22	401	16	267	1	19	39	687
9:00pm	3	56	5	119	7	214	12	333	14	221	2	20	16	241	14	234	12	186	-	-	26	420
10:00pm	4	83	6	90	5	197	11	287	11	134	2	12	13	146	11	146	10	139	-	-	21	285
11:00pm	4	72	6	106	-	-	6	106	9	137	2	13	11	150	11	133	10	124	-	-	21	257
TOTAL	98	1,808	140	2,846	177	7,555	317	10,401	305	5,712	48	257	353	5,969	359	8,019	336	5,226	12	279	707	13,524

60TH STREET SECTOR 2013-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	5	15	9	78	2	-	5	11	83	2	11	3	10	45	436	12	140	-	-	57	576
1:00am	3	8	10	79	-	-	-	10	79	-	-	2	6	33	199	3	13	-	-	36	212
2:00am	1	3	1	3	-	-	-	1	3	-	-	-	-	10	47	-	-	-	-	10	47
3:00am	-	-	2	-	-	-	-	2	-	-	-	-	-	8	22	-	-	-	-	8	22
4:00am	-	-	3	10	-	-	-	3	10	-	-	-	-	9	44	-	-	-	-	9	44
5:00am	2	-	2	1	-	-	-	2	1	-	-	2	-	18	95	-	-	-	-	18	95
6:00am	3	2	7	39	-	-	-	7	39	2	23	2	9	48	559	3	5	-	-	51	564
7:00am	5	12	10	108	1	-	1	11	109	6	130	6	71	78	1,633	15	56	-	-	93	1,689
8:00am	9	18	16	123	2	-	-	18	123	5	99	5	37	97	1,896	17	45	-	-	114	1,941
9:00am	8	21	20	129	2	-	-	22	129	5	99	6	26	104	1,261	17	25	-	-	121	1,286
10:00am	7	28	20	129	2	-	2	22	131	6	102	5	23	114	1,363	14	44	-	-	128	1,407
11:00am	9	47	18	177	2	-	8	20	185	5	83	4	31	93	1,516	19	71	-	-	112	1,587
12:00pm	9	37	17	210	2	-	4	19	214	6	88	3	32	87	1,601	17	67	1	-	105	1,668
1:00pm	10	47	20	269	1	-	5	21	274	6	75	5	37	99	1,770	16	117	-	-	115	1,887
2:00pm	10	61	18	324	1	-	3	19	327	6	124	5	49	92	2,292	17	136	1	21	110	2,449
3:00pm	9	67	21	384	2	-	7	23	391	7	164	4	50	95	2,321	23	284	1	16	119	2,621
4:00pm	11	87	17	391	3	-	25	20	416	3	68	6	117	92	2,480	42	802	2	47	136	3,329
5:00pm	9	88	22	552	4	-	32	26	584	6	130	3	69	123	3,745	62	1,373	3	92	188	5,210
6:00pm	11	103	19	503	3	-	37	22	540	4	111	5	117	108	3,701	45	1,024	2	55	155	4,780
7:00pm	8	65	20	371	1	-	15	21	386	5	104	11	120	107	2,497	33	636	1	29	141	3,162
8:00pm	8	49	18	309	2	-	22	20	331	3	44	6	90	96	1,816	21	317	1	19	118	2,152
9:00pm	6	42	14	312	2	-	19	16	331	4	71	4	44	71	1,313	16	225	-	-	87	1,538
10:00pm	7	45	13	136	2	-	17	15	153	3	47	3	17	63	895	14	168	-	-	77	1,063
11:00pm	6	29	11	105	2	-	10	13	115	2	27	3	14	52	623	14	147	-	-	66	770
TOTAL	156	874	328	4,742	36	-	212	364	4,954	86	1,600	93	969	1,742	34,125	420	5,695	12	279	2,174	40,099

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

SECTION A

BUS TRANSIT BY ROUTE BROOKLYN SECTOR 2013-INBOUND

HOURS	BROOKLYN BATTERY TUNNEL(Express)						WILLIAMSBURG BRIDGE (Local)				TOTAL					
	NYC Transit		MTA Bus Co		TOTAL		NYC Transit		TOTAL		NYC Transit		MTA Bus Co		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	1	2	-	-	1	2	-	-	-	-	1	2	-	-	1	2
1:00am	1	2	-	-	1	2	-	-	-	-	1	2	-	-	1	2
2:00am	1	7	-	-	1	7	-	-	-	-	1	7	-	-	1	7
3:00am	1	8	-	-	1	8	-	-	-	-	1	8	-	-	1	8
4:00am	5	142	-	-	5	142	-	-	-	-	5	142	-	-	5	142
5:00am	18	623	2	42	20	665	-	-	-	-	18	623	2	42	20	665
6:00am	68	2,588	10	328	78	2,916	-	-	-	-	68	2,588	10	328	78	2,916
7:00am	118	4,627	21	791	139	5,418	3	20	3	20	121	4,647	21	791	142	5,438
8:00am	175	6,701	22	723	197	7,424	2	20	2	20	177	6,721	22	723	199	7,444
9:00am	68	2,413	10	183	78	2,596	2	17	2	17	70	2,430	10	183	80	2,613
10:00am	22	788	5	55	27	843	2	16	2	16	24	804	5	55	29	859
11:00am	13	400	3	21	16	421	1	3	1	3	14	403	3	21	17	424
12:00pm	11	307	3	18	14	325	2	21	2	21	13	328	3	18	16	346
1:00pm	10	253	4	20	14	273	2	19	2	19	12	272	4	20	16	292
2:00pm	10	308	2	11	12	319	2	26	2	26	12	334	2	11	14	345
3:00pm	11	316	3	13	14	329	2	1	2	1	13	317	3	13	16	330
4:00pm	8	257	1	5	9	262	2	8	2	8	10	265	1	5	11	270
5:00pm	7	201	-	-	7	201	2	6	2	6	9	207	-	-	9	207
6:00pm	4	105	-	-	4	105	2	2	2	2	6	107	-	-	6	107
7:00pm	2	60	-	-	2	60	1	4	1	4	3	64	-	-	3	64
8:00pm	2	29	-	-	2	29	2	3	2	3	4	32	-	-	4	32
9:00pm	2	37	-	-	2	37	1	3	1	3	3	40	-	-	3	40
10:00pm	2	41	-	-	2	41	-	-	-	-	2	41	-	-	2	41
11:00pm	2	35	-	-	2	35	-	-	-	-	2	35	-	-	2	35
TOTAL	562	20,250	86	2,210	648	22,460	28	169	28	169	590	20,419	86	2,210	676	22,629

BROOKLYN SECTOR 2013-OUTBOUND

HOURS	BROOKLYN BATTERY TUNNEL (EXPRESS)						WILLIAMSBURG BRIDGE (Local)				TOTAL					
	NYC Transit		MTA Bus Co		TOTAL		NYC Transit		TOTAL		NYC Transit		MTA Bus Co		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	16	382	2	11	18	393	-	-	-	-	16	382	2	11	18	393
1:00am	5	173	-	-	5	173	-	-	-	-	5	173	-	-	5	173
2:00am	2	27	-	-	2	27	-	-	-	-	2	27	-	-	2	27
3:00am	1	4	-	-	1	4	-	-	-	-	1	4	-	-	1	4
4:00am	1	8	-	-	1	8	-	-	-	-	1	8	-	-	1	8
5:00am	1	9	-	-	1	9	-	-	-	-	1	9	-	-	1	9
6:00am	2	39	-	-	2	39	-	-	-	-	2	39	-	-	2	39
7:00am	1	24	-	-	1	24	2	1	2	1	3	25	-	-	3	25
8:00am	4	118	-	-	4	118	2	5	2	5	6	123	-	-	6	123
9:00am	4	72	-	-	4	72	2	15	2	15	6	87	-	-	6	87
10:00am	4	78	-	-	4	78	2	10	2	10	6	88	-	-	6	88
11:00am	6	104	3	14	9	118	2	33	2	33	8	137	3	14	11	151
12:00pm	9	230	3	12	12	242	2	12	2	12	11	242	3	12	14	254
1:00pm	8	273	4	11	12	284	2	17	2	17	10	290	4	11	14	301
2:00pm	16	483	4	39	20	522	2	25	2	25	18	508	4	39	22	547
3:00pm	35	1,219	6	89	41	1,308	2	15	2	15	37	1,234	6	89	43	1,323
4:00pm	68	2,401	15	323	83	2,724	2	25	2	25	70	2,426	15	323	85	2,749
5:00pm	125	4,360	19	483	144	4,843	2	23	2	23	127	4,383	19	483	146	4,866
6:00pm	114	4,150	17	470	131	4,620	1	19	1	19	115	4,169	17	470	132	4,639
7:00pm	57	2,014	12	189	69	2,203	2	16	2	16	59	2,030	12	189	71	2,219
8:00pm	35	1,204	6	54	41	1,258	2	8	2	8	37	1,212	6	54	43	1,266
9:00pm	26	895	4	42	30	937	1	5	1	5	27	900	4	42	31	942
10:00pm	14	434	3	16	17	450	-	-	-	-	14	434	3	16	17	450
11:00pm	9	331	2	11	11	342	-	-	-	-	9	331	2	11	11	342
TOTAL	563	19,032	100	1,764	663	20,796	28	229	28	229	591	19,261	100	1,764	691	21,025

SECTION A

BUS TRANSIT BY ROUTE QUEENS SECTOR 2013-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	5	2	1	5	6	-	-	-	-	-	-	3	5	2	1	5	6
1:00am	2	4	3	3	5	7	-	-	-	-	-	-	2	4	3	3	5	7
2:00am	-	-	2	1	2	1	-	-	-	-	-	-	-	-	2	1	2	1
3:00am	-	-	1	5	1	5	-	-	-	-	-	-	-	-	1	5	1	5
4:00am	-	-	2	18	2	18	-	-	-	-	-	-	-	-	2	18	2	18
5:00am	-	-	3	38	3	38	-	-	1	16	1	16	-	-	4	54	4	54
6:00am	4	88	4	70	8	158	2	62	42	1,543	44	1,605	6	150	46	1,613	52	1,763
7:00am	5	102	4	70	9	172	8	351	100	3,638	108	3,989	13	453	104	3,708	117	4,161
8:00am	8	122	5	74	13	196	13	513	111	4,288	124	4,801	21	635	116	4,362	137	4,997
9:00am	7	111	6	49	13	160	5	126	42	966	47	1,092	12	237	48	1,015	60	1,252
10:00am	5	53	5	40	10	93	-	-	14	251	14	251	5	53	19	291	24	344
11:00am	6	88	6	43	12	131	-	-	10	131	10	131	6	88	16	174	22	262
12:00pm	7	83	6	26	13	109	-	-	9	92	9	92	7	83	15	118	22	201
1:00pm	6	66	6	56	12	122	-	-	9	60	9	60	6	66	15	116	21	182
2:00pm	5	51	6	44	11	95	-	-	8	48	8	48	5	51	14	92	19	143
3:00pm	3	33	5	27	8	60	-	-	9	41	9	41	3	33	14	68	17	101
4:00pm	8	80	6	36	14	116	-	-	8	42	8	42	8	80	14	78	22	158
5:00pm	6	52	7	42	13	94	-	-	7	34	7	34	6	52	14	76	20	128
6:00pm	8	55	10	33	18	88	-	-	7	17	7	17	8	55	17	50	25	105
7:00pm	5	32	7	22	12	54	-	-	5	8	5	8	5	32	12	30	17	62
8:00pm	4	20	7	16	11	36	-	-	5	9	5	9	4	20	12	25	16	45
9:00pm	4	18	2	8	6	26	-	-	5	7	5	7	4	18	7	15	11	33
10:00pm	3	14	3	13	6	27	-	-	4	2	4	2	3	14	7	15	10	29
11:00pm	3	19	2	6	5	25	-	-	4	5	4	5	3	19	6	11	9	30
TOTAL	102	1,096	110	741	212	1,837	28	1,052	400	11,198	428	12,250	130	2,148	510	11,939	640	14,087

QUEENS SECTOR 2013-OUTBOUND

HOURS	QUEENSBORO BRIDGE								Queens Midtown Tunnel				TOTAL					
	NYC Transit (Local)		NYC Transit (Express)		MTA Bus Co (Local)		MTA Bus Co (Express)		TOTAL		MTA Bus Co.		TOTAL		NYC Transit		MTA Bus Co	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	4	143	-	-	2	26	3	20	9	189	-	-	-	-	4	143	5	46
1:00am	1	47	-	-	2	12	-	-	3	59	-	-	-	-	1	47	2	12
2:00am	-	-	-	-	2	13	-	-	2	13	-	-	-	-	-	-	2	13
3:00am	-	-	-	-	2	4	-	-	2	4	-	-	-	-	-	-	2	4
4:00am	-	-	-	-	2	2	-	-	2	2	-	-	-	-	-	-	2	2
5:00am	3	5	-	-	2	5	-	-	5	10	-	-	-	-	3	5	2	5
6:00am	1	3	-	-	3	9	-	-	4	12	-	-	-	-	1	3	3	9
7:00am	4	25	-	-	5	28	-	-	9	53	-	-	-	-	4	25	5	28
8:00am	4	20	-	-	6	36	3	7	13	63	-	-	-	-	4	20	9	43
9:00am	7	33	-	-	6	27	8	9	21	69	-	-	-	-	7	33	14	36
10:00am	6	32	-	-	5	16	10	15	21	63	-	-	-	-	6	32	15	31
11:00am	6	54	-	-	7	40	8	23	21	117	-	-	-	-	6	54	15	63
12:00pm	6	48	-	-	6	41	9	33	21	122	1	1	1	1	6	48	16	75
1:00pm	3	72	-	-	6	53	9	65	18	190	1	1	1	1	3	72	16	119
2:00pm	7	99	-	-	6	64	9	80	22	243	2	12	2	12	7	99	17	156
3:00pm	6	136	-	-	5	85	14	251	25	472	5	60	5	60	6	136	24	396
4:00pm	5	132	6	137	5	90	38	602	54	961	7	146	7	146	11	269	50	838
5:00pm	5	173	12	317	8	182	74	1,746	99	2,418	13	415	13	415	17	490	95	2,343
6:00pm	7	162	10	291	6	150	53	1,300	76	1,903	16	430	16	430	17	453	75	1,880
7:00pm	7	158	2	56	8	121	30	614	47	949	8	119	8	119	9	214	46	854
8:00pm	6	117	-	-	6	73	8	199	20	389	1	17	1	17	6	117	15	289
9:00pm	6	158	-	-	5	64	7	127	18	349	1	12	1	12	6	158	13	203
10:00pm	4	112	-	-	3	30	7	80	14	222	1	12	1	12	4	112	11	122
11:00pm	3	115	-	-	2	47	6	61	11	223	1	11	1	11	3	115	9	119
TOTAL	101	1,844	30	801	110	1,218	296	5,232	537	9,095	57	1,236	57	1,236	131	2,645	463	7,686

See the notes on page III-1

SECTION A

BUS TRANSIT BY ROUTE NEW JERSEY SECTOR 2013-INBOUND

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	7	122	55	957	62	1,079
1:00am	4	35	34	299	38	334
2:00am	5	117	12	281	17	398
3:00am	3	89	10	297	13	386
4:00am	6	224	25	932	31	1,156
5:00am	26	1,047	174	6,626	200	7,673
6:00am	57	1,949	491	18,980	548	20,929
7:00am	63	2,138	842	33,655	905	35,793
8:00am	60	1,966	1,026	36,222	1,086	38,188
9:00am	58	2,011	570	17,654	628	19,665
10:00am	23	597	268	6,951	291	7,548
11:00am	10	258	215	5,553	225	5,811
12:00pm	11	232	174	3,669	185	3,901
1:00pm	19	340	225	4,032	244	4,372
2:00pm	20	335	288	4,825	308	5,160
3:00pm	53	773	417	6,086	470	6,859
4:00pm	95	1,257	486	6,431	581	7,688
5:00pm	71	2,556	365	4,637	436	7,193
6:00pm	48	984	335	4,905	383	5,889
7:00pm	16	225	270	3,803	286	4,028
8:00pm	8	126	214	3,377	222	3,503
9:00pm	10	114	161	1,843	171	1,957
10:00pm	8	78	140	1,359	148	1,437
11:00pm	2	19	108	1,022	110	1,041
TOTAL	683	17,592	6,905	174,396	7,588	191,988

NEW JERSEY SECTOR 2013-OUTBOUND (1)

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	3	71	119	2,834	122	2,905
1:00am	2	43	57	1,216	59	1,259
2:00am	0	-	18	216	18	216
3:00am	1	20	9	177	10	197
4:00am	1	12	8	92	9	104
5:00am	6	71	68	808	74	879
6:00am	27	280	290	3,011	317	3,291
7:00am	19	217	591	6,763	610	6,980
8:00am	52	673	612	7,924	664	8,597
9:00am	46	671	714	10,412	760	11,083
10:00am	18	297	305	5,038	323	5,335
11:00am	14	271	204	3,948	218	4,219
12:00pm	10	193	182	3,504	192	3,697
1:00pm	18	288	180	4,279	198	4,567
2:00pm	12	396	214	6,618	226	7,014
3:00pm	25	900	260	9,397	285	10,297
4:00pm	39	1,317	428	17,896	467	19,213
5:00pm	63	2,281	643	27,555	706	29,836
6:00pm	39	1,491	666	27,090	705	28,581
7:00pm	18	537	495	17,170	513	17,707
8:00pm	19	380	295	9,586	314	9,966
9:00pm	18	547	223	6,782	241	7,329
10:00pm	15	457	170	5,175	185	5,632
11:00pm	8	199	130	3,233	138	3,432
TOTAL	473	11,612	6,881	180,724	7,354	192,336

(1) Westbound counts data from PANY&NJ October 22, 2013 Classification Report

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

2013

HOURS	60TH ST SECTOR						BROOKLYN SECTOR						QUEENS SECTOR						N. J. SECTOR		TOTAL ALL SECTORS	
	NYC TRANSIT		MTA BUS CO.		WDOT		NYC TRANSIT		MTA BUS CO.		NYC TRANSIT		MTA BUS CO.		OTHER OPERATORS				BUSES	PSGRS	BUSES	PSGRS
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS				
12:00am	-	-	2	2	-	-	1	2	-	-	-	-	-	-	62	1,079	65	1,083				
1:00am	-	-	-	-	-	-	1	2	-	-	-	-	-	-	38	334	39	336				
2:00am	-	-	-	-	-	-	1	7	-	-	-	-	-	-	17	398	18	405				
3:00am	-	-	-	-	-	-	1	8	-	-	-	-	-	-	13	386	14	394				
4:00am	-	-	-	-	-	-	5	142	-	-	-	-	-	-	31	1,156	36	1,298				
5:00am	9	17	9	272	-	43	18	623	2	42	-	-	1	16	200	7,673	239	8,686				
6:00am	12	267	42	1,269	2	98	68	2,588	10	328	2	62	42	1,543	548	20,929	726	27,084				
7:00am	21	1,042	71	2,071	3	115	118	4,627	21	791	8	351	100	3,638	905	35,793	1,247	48,428				
8:00am	17	1,022	43	932	3	35	175	6,701	22	723	13	513	111	4,288	1,086	38,188	1,470	52,402				
9:00am	10	441	26	439	1	21	68	2,413	10	183	5	126	42	966	628	19,665	790	24,254				
10:00am	10	289	19	334	1	28	22	788	5	55	-	-	14	251	291	7,548	362	9,293				
11:00am	8	275	16	227	1	-	13	400	3	21	-	-	10	131	225	5,811	276	6,865				
12:00pm	9	286	18	206	1	14	11	307	3	18	-	-	9	92	185	3,901	236	4,824				
1:00pm	10	293	17	207	-	-	10	253	4	20	-	-	9	60	244	4,372	294	5,205				
2:00pm	8	351	15	140	-	-	10	308	2	11	-	-	8	48	308	5,160	351	6,018				
3:00pm	11	415	19	185	-	-	11	316	3	13	-	-	9	41	470	6,859	523	7,829				
4:00pm	9	363	17	139	-	-	8	257	1	5	-	-	8	42	581	7,688	624	8,494				
5:00pm	10	372	16	154	-	-	7	201	-	-	-	-	7	34	436	7,193	476	7,954				
6:00pm	12	413	15	62	-	-	4	105	-	-	-	-	7	17	383	5,889	421	6,486				
7:00pm	9	294	13	54	-	-	2	60	-	-	-	-	5	8	286	4,028	315	4,444				
8:00pm	5	182	12	52	-	-	2	29	-	-	-	-	5	9	222	3,503	246	3,775				
9:00pm	4	94	13	47	-	-	2	37	-	-	-	-	5	7	171	1,957	195	2,142				
10:00pm	3	50	11	57	-	-	2	41	-	-	-	-	4	2	148	1,437	168	1,587				
11:00pm	-	-	12	37	-	-	2	35	-	-	-	-	4	5	110	1,041	128	1,118				
TOTAL	177	6,466	406	6,886	12	354	562	20,250	86	2,210	28	1,052	400	11,198	7,588	191,988	9,259	240,404				

EXPRESS BUS RIDERSHIP BY SECTOR AND OPERATOR

OUTBOUND EXPRESS ONLY

2013

HOURS	60TH ST SECTOR						BROOKLYN SECTOR						QUEENS SECTOR						N. J. SECTOR		TOTAL ALL SECTORS	
	NYC TRANSIT		MTA BUS CO.		WDOT		NYC TRANSIT		MTA BUS CO.		NYC TRANSIT		MTA BUS CO.		OTHER OPERATORS				BUSES	PSGRS	BUSES	PSGRS
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS				
12:00am	-	-	12	140	-	-	16	382	2	11	-	-	3	20	122	2,905	155	3,458				
1:00am	-	-	3	13	-	-	5	173	-	-	-	-	-	-	59	1,259	67	1,445				
2:00am	-	-	-	-	-	-	2	27	-	-	-	-	-	-	18	216	20	243				
3:00am	-	-	-	-	-	-	1	4	-	-	-	-	-	-	10	197	11	201				
4:00am	-	-	-	-	-	-	1	8	-	-	-	-	-	-	9	104	10	112				
5:00am	-	-	-	-	-	-	1	9	-	-	-	-	-	-	74	879	75	888				
6:00am	5	203	3	5	-	-	2	39	-	-	-	-	-	-	317	3,291	327	3,538				
7:00am	11	622	15	56	-	-	1	24	-	-	-	-	-	-	610	6,980	637	7,682				
8:00am	20	891	17	45	-	-	4	118	-	-	-	-	3	7	664	8,597	708	9,658				
9:00am	15	375	17	25	-	-	4	72	-	-	-	-	8	9	760	11,083	804	11,564				
10:00am	12	249	14	44	-	-	4	78	-	-	-	-	10	15	323	5,335	363	5,721				
11:00am	8	257	19	71	-	-	6	104	3	14	-	-	8	23	218	4,219	262	4,688				
12:00pm	8	246	17	67	1	-	9	230	3	12	-	-	10	34	192	3,697	240	4,286				
1:00pm	9	341	16	117	-	-	8	273	4	11	-	-	10	66	198	4,567	245	5,375				
2:00pm	9	442	17	136	1	21	16	483	4	39	-	-	11	92	226	7,014	284	8,227				
3:00pm	10	513	23	284	1	16	35	1,219	6	89	-	-	19	311	285	10,297	379	12,729				
4:00pm	7	408	42	802	2	47	68	2,401	15	323	6	137	45	748	467	19,213	652	24,079				
5:00pm	12	875	62	1,373	3	92	125	4,360	19	483	12	317	87	2,161	706	29,836	1,026	39,497				
6:00pm	14	854	45	1,024	2	55	114	4,150	17	470	10	291	69	1,730	705	28,581	976	37,155				
7:00pm	11	485	33	636	1	29	57	2,014	12	189	2	56	38	733	513	17,707	667	21,849				
8:00pm	14	383	21	317	1	19	35	1,204	6	54	-	-	9	216	314	9,966	400	12,159				
9:00pm	7	214	16	225	-	-	26	895	4	42	-	-	8	139	241	7,329	302	8,844				
10:00pm	5	197	14	168	-	-	14	434	3	16	-	-	8	92	185	5,632	229	6,539				
11:00pm	-	-	14	147	-	-	9	331	2	11	-	-	7	72	138	3,432	170	3,993				
TOTAL	177	7,555	420	5,695	12	279	563	19,032	100	1,764	30	801	353	6,468	7,354	192,336	9,009	233,930				

- Notes: 1. Majority of buses crossing at the 60th 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.

SECTION A
MTA BUS CO. EXPRESS BUS RIDERSHIP
BY ROUTE - ORIGINAL DATA
2013

Route	Daily	12am-6am	6am-9am	9am-4pm	4pm-7pm	7pm-12am
BM1	1,338	24	602	192	408	112
BM2	926	5	404	96	316	105
BM3	972	24	406	120	355	67
BM4	738	0	430	78	202	28
BM5	646	16	260	108	183	79
BxM1	1,080	39	446	302	181	112
BxM10	1,528	23	637	256	383	229
BxM11	952	38	286	207	264	157
BxM18	333	0	172	0	137	24
BxM2	623	5	189	198	124	107
BxM3	669	6	312	119	147	85
BXM4	391	6	129	72	118	66
BxM6	750	12	248	113	265	112
BXM7	2,580	127	742	555	721	435
BxM8	1,674	18	534	295	643	184
BxM9	2,001	153	683	365	571	229
QM1	989	0	571	147	258	13
QM10	420	0	254	40	119	7
QM11	447	0	239	34	151	23
QM12	537	0	360	49	117	11
QM15	1,668	0	1006	196	328	138
QM16	435	0	287	0	136	12
QM17	378	0	236	10	111	21
QM18	206	0	124	8	74	0
QM2	2,149	8	854	417	615	255
QM20	1,167	0	583	152	302	130
QM21	320	0	145	33	108	34
QM24	1,282	0	838	72	344	28
QM25	376	0	212	16	140	8
QM3	157	0	106	0	51	0
QM4	876	0	433	141	218	84
QM5	2,567	11	1229	394	653	280
QM6	1,364	1	720	237	307	99
QM7	921	0	643	85	167	26
QM8	761	0	376	0	350	35
Total	34,221	516	15,696	5,107	9,567	3,335

SECTION B

SUBWAY BY SECTOR SUMMARY, 2013-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	28	264	2,927	32	292	1,952	16	165	1,236	3	22	219	79	743	6,334
1:00am	23	218	708	28	254	657	12	123	394	4	30	114	67	625	1,873
2:00am	20	188	539	25	226	369	13	133	315	3	23	76	61	570	1,299
3:00am	21	198	1,091	28	256	1,082	12	123	874	3	22	130	64	599	3,177
4:00am	22	208	3,739	28	256	4,217	11	113	2,965	4	30	402	65	607	11,323
5:00am	33	310	16,872	37	334	14,799	23	228	11,375	6	45	1,929	99	917	44,975
6:00am	69	646	39,022	80	714	44,306	53	522	30,178	25	189	6,513	227	2,071	120,019
7:00am	95	896	86,710	116	1,040	99,240	75	744	63,004	42	316	18,258	328	2,996	267,212
8:00am	121	1,148	124,098	152	1,366	155,820	89	880	93,521	48	360	29,001	410	3,754	402,440
9:00am	99	932	70,598	124	1,116	93,074	67	664	53,467	33	248	13,353	323	2,960	230,492
10:00am	83	778	41,285	103	932	48,304	54	531	31,405	20	148	4,716	260	2,389	125,710
11:00am	76	712	35,459	98	884	35,268	50	486	21,793	21	156	3,432	245	2,238	95,952
12:00pm	81	762	33,670	97	878	30,885	50	486	17,411	21	156	3,096	249	2,282	85,062
1:00pm	83	778	34,642	95	858	30,839	51	496	17,499	21	156	2,787	250	2,288	85,767
2:00pm	79	738	38,218	103	930	31,089	53	518	19,126	22	164	2,801	257	2,350	91,234
3:00pm	89	838	49,458	102	920	34,122	57	558	21,371	24	180	3,376	272	2,496	108,327
4:00pm	111	1,038	56,658	121	1,094	36,447	68	667	22,456	36	271	5,017	336	3,070	120,578
5:00pm	106	988	60,033	130	1,178	40,040	74	738	24,708	45	338	8,162	355	3,242	132,943
6:00pm	85	794	45,822	118	1,074	28,984	72	710	17,622	36	270	5,317	311	2,848	97,745
7:00pm	75	700	31,516	104	942	19,285	64	630	10,732	23	172	2,942	266	2,444	64,475
8:00pm	75	700	22,815	99	894	13,918	57	557	7,172	23	172	1,819	254	2,323	45,724
9:00pm	68	634	17,773	79	702	10,337	47	460	5,878	18	135	1,362	212	1,931	35,350
10:00pm	51	480	12,324	64	576	8,445	43	419	4,442	16	120	957	174	1,595	26,168
11:00pm	31	292	8,329	56	514	7,089	26	267	2,683	8	60	462	121	1,133	18,563
TOTAL	1,624	15,240	834,306	2,019	18,230	790,568	1,137	11,218	481,627	505	3,783	116,241	5,285	48,471	2,222,742

SECTION B

SUBWAY BY SECTOR
SUMMARY, 2013-OUTBOUND

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			ALL SECTORS		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	30	292	6,661	36	326	6,800	20	206	3,883	3	22	1,136	89	846	18,480
1:00am	24	224	2,414	29	266	1,762	12	123	1,119	4	30	523	69	643	5,818
2:00am	21	198	900	27	246	752	10	103	464	3	23	289	61	570	2,405
3:00am	21	198	1,387	28	256	1,050	13	133	833	3	22	187	65	609	3,457
4:00am	22	208	2,294	27	246	1,630	12	123	1,270	4	30	197	65	607	5,391
5:00am	24	228	6,378	36	330	3,582	14	141	3,045	4	31	415	78	730	13,420
6:00am	42	390	20,976	74	670	11,744	42	417	8,645	21	159	1,665	179	1,636	43,030
7:00am	79	730	48,915	112	1,018	24,007	54	532	16,212	38	286	4,098	283	2,566	93,232
8:00am	108	998	52,664	136	1,228	28,775	71	695	18,276	46	345	7,394	361	3,266	107,109
9:00am	118	1,108	34,588	136	1,228	21,145	63	613	12,091	35	261	3,290	352	3,210	71,114
10:00am	96	908	27,873	105	954	16,438	53	515	9,407	22	164	1,526	276	2,541	55,244
11:00am	81	762	26,949	96	866	18,032	49	475	10,575	21	156	1,491	247	2,259	57,047
12:00pm	81	760	29,162	95	858	21,536	52	508	12,955	21	156	1,949	249	2,282	65,602
1:00pm	80	750	33,329	97	878	26,634	47	453	15,767	21	156	2,310	245	2,237	78,040
2:00pm	80	748	41,706	98	880	33,809	49	475	20,861	21	156	2,891	248	2,259	99,267
3:00pm	84	786	53,714	106	956	49,933	58	568	33,781	23	172	4,884	271	2,482	142,312
4:00pm	82	770	66,444	117	1,056	71,486	72	712	48,911	35	265	9,739	306	2,803	196,580
5:00pm	108	1,020	94,434	140	1,260	108,326	88	885	72,304	47	354	22,221	383	3,519	297,285
6:00pm	102	966	83,514	116	1,044	102,669	74	735	61,829	41	307	19,469	333	3,052	267,481
7:00pm	91	858	54,474	106	956	71,494	73	727	41,781	24	180	10,610	294	2,721	178,359
8:00pm	77	718	41,111	91	820	51,041	61	601	31,257	23	172	7,350	252	2,311	130,759
9:00pm	71	668	33,812	85	750	40,020	57	557	25,073	20	150	5,663	233	2,125	104,568
10:00pm	64	602	26,371	74	664	29,614	51	506	19,818	16	120	3,731	205	1,892	79,534
11:00pm	42	398	19,662	50	456	21,594	42	415	16,189	8	59	2,250	142	1,328	59,695
TOTAL	1,628	15,288	809,732	2,017	18,212	763,873	1,137	11,218	486,346	504	3,776	115,278	5,286	48,494	2,175,229

SECTION B

SUBWAY BY SECTOR MTA NYC TRANSIT SUMMARY, 2013-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	28	264	2,927	32	292	1,952	16	165	1,236	76	721	6,115
1:00am	23	218	708	28	254	657	12	123	394	63	595	1,759
2:00am	20	188	539	25	226	369	13	133	315	58	547	1,223
3:00am	21	198	1,091	28	256	1,082	12	123	874	61	577	3,047
4:00am	22	208	3,739	28	256	4,217	11	113	2,965	61	577	10,921
5:00am	33	310	16,872	37	334	14,799	23	228	11,375	93	872	43,046
6:00am	69	646	39,022	80	714	44,306	53	522	30,178	202	1,882	113,506
7:00am	95	896	86,710	116	1,040	99,240	75	744	63,004	286	2,680	248,954
8:00am	121	1,148	124,098	152	1,366	155,820	89	880	93,521	362	3,394	373,439
9:00am	99	932	70,598	124	1,116	93,074	67	664	53,467	290	2,712	217,139
10:00am	83	778	41,285	103	932	48,304	54	531	31,405	240	2,241	120,994
11:00am	76	712	35,459	98	884	35,268	50	486	21,793	224	2,082	92,520
12:00pm	81	762	33,670	97	878	30,885	50	486	17,411	228	2,126	81,966
1:00pm	83	778	34,642	95	858	30,839	51	496	17,499	229	2,132	82,980
2:00pm	79	738	38,218	103	930	31,089	53	518	19,126	235	2,186	88,433
3:00pm	89	838	49,458	102	920	34,122	57	558	21,371	248	2,316	104,951
4:00pm	111	1,038	56,658	121	1,094	36,447	68	667	22,456	300	2,799	115,561
5:00pm	106	988	60,033	130	1,178	40,040	74	738	24,708	310	2,904	124,781
6:00pm	85	794	45,822	118	1,074	28,984	72	710	17,622	275	2,578	92,428
7:00pm	75	700	31,516	104	942	19,285	64	630	10,732	243	2,272	61,533
8:00pm	75	700	22,815	99	894	13,918	57	557	7,172	231	2,151	43,905
9:00pm	68	634	17,773	79	702	10,337	47	460	5,878	194	1,796	33,988
10:00pm	51	480	12,324	64	576	8,445	43	419	4,442	158	1,475	25,211
11:00pm	31	292	8,329	56	514	7,089	26	267	2,683	113	1,073	18,101
TOTAL	1,624	15,240	834,306	2,019	18,230	790,568	1,137	11,218	481,627	4,780	44,688	2,106,501

SECTION B

SUBWAY BY SECTOR
MTA NYC TRANSIT SUMMARY, 2013-OUTBOUND

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			ALL SECTORS		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	30	292	6,661	36	326	6,800	20	206	3,883	86	824	17,344
1:00am	24	224	2,414	29	266	1,762	12	123	1,119	65	613	5,295
2:00am	21	198	900	27	246	752	10	103	464	58	547	2,116
3:00am	21	198	1,387	28	256	1,050	13	133	833	62	587	3,270
4:00am	22	208	2,294	27	246	1,630	12	123	1,270	61	577	5,194
5:00am	24	228	6,378	36	330	3,582	14	141	3,045	74	699	13,005
6:00am	42	390	20,976	74	670	11,744	42	417	8,645	158	1,477	41,365
7:00am	79	730	48,915	112	1,018	24,007	54	532	16,212	245	2,280	89,134
8:00am	108	998	52,664	136	1,228	28,775	71	695	18,276	315	2,921	99,715
9:00am	118	1,108	34,588	136	1,228	21,145	63	613	12,091	317	2,949	67,824
10:00am	96	908	27,873	105	954	16,438	53	515	9,407	254	2,377	53,718
11:00am	81	762	26,949	96	866	18,032	49	475	10,575	226	2,103	55,556
12:00pm	81	760	29,162	95	858	21,536	52	508	12,955	228	2,126	63,653
1:00pm	80	750	33,329	97	878	26,634	47	453	15,767	224	2,081	75,730
2:00pm	80	748	41,706	98	880	33,809	49	475	20,861	227	2,103	96,376
3:00pm	84	786	53,714	106	956	49,933	58	568	33,781	248	2,310	137,428
4:00pm	82	770	66,444	117	1,056	71,486	72	712	48,911	271	2,538	186,841
5:00pm	108	1,020	94,434	140	1,260	108,326	88	885	72,304	336	3,165	275,064
6:00pm	102	966	83,514	116	1,044	102,669	74	735	61,829	292	2,745	248,012
7:00pm	91	858	54,474	106	956	71,494	73	727	41,781	270	2,541	167,749
8:00pm	77	718	41,111	91	820	51,041	61	601	31,257	229	2,139	123,409
9:00pm	71	668	33,812	85	750	40,020	57	557	25,073	213	1,975	98,905
10:00pm	64	602	26,371	74	664	29,614	51	506	19,818	189	1,772	75,803
11:00pm	42	398	19,662	50	456	21,594	42	415	16,189	134	1,269	57,445
TOTAL	1,628	15,288	809,732	2,017	18,212	763,873	1,137	11,218	486,346	4,782	44,718	2,059,951

SECTION B

SUBWAY BY LOCATION 60TH STREET SECTOR, 2013-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	112	9	90	810	4	32	237	4	32	358	4	40	762	6	60	648	28	264	2,927
1:00am	0	0	0	6	60	262	3	24	79	3	24	141	4	40	108	7	70	118	23	218	708
2:00am	0	0	0	6	60	193	3	24	37	3	24	82	3	30	131	5	50	96	20	188	539
3:00am	0	0	0	6	60	383	3	24	189	3	24	154	2	20	229	7	70	136	21	198	1,091
4:00am	0	0	0	7	70	1,866	3	24	616	3	24	594	4	40	332	5	50	331	22	208	3,739
5:00am	7	70	4,880	6	60	3,566	6	48	2,574	4	32	2,186	5	50	2,491	5	50	1,175	33	310	16,872
6:00am	17	170	13,776	10	100	4,888	13	104	9,239	9	72	1,597	12	120	6,524	8	80	2,998	69	646	39,022
7:00am	23	230	24,682	16	160	13,808	15	120	19,350	12	96	4,595	17	170	15,404	12	120	8,871	95	896	86,710
8:00am	27	270	26,595	22	220	24,697	19	152	23,261	12	96	9,236	22	220	23,713	19	190	16,596	121	1,148	124,098
9:00am	19	190	14,120	18	180	14,067	15	120	12,044	14	112	5,768	20	200	14,132	13	130	10,467	99	932	70,598
10:00am	15	150	9,017	14	140	7,815	14	112	7,601	12	96	2,952	16	160	8,186	12	120	5,714	83	778	41,285
11:00am	13	130	7,758	15	150	7,137	12	96	6,200	12	96	2,694	14	140	6,758	10	100	4,912	76	712	35,459
12:00pm	17	170	7,149	15	150	6,866	12	96	5,806	12	96	2,624	15	150	6,453	10	100	4,772	81	762	33,670
1:00pm	15	150	7,452	16	160	7,223	14	112	5,940	12	96	2,693	16	160	6,461	10	100	4,873	83	778	34,642
2:00pm	14	140	8,286	15	150	8,206	14	112	6,477	12	96	3,043	14	140	6,768	10	100	5,438	79	738	38,218
3:00pm	21	210	10,850	15	150	11,785	14	112	7,736	12	96	4,553	15	150	8,105	12	120	6,429	89	838	49,458
4:00pm	26	260	11,720	19	190	13,721	22	176	8,123	14	112	5,409	16	160	9,754	14	140	7,931	111	1,038	56,658
5:00pm	19	190	11,472	20	200	14,512	22	176	8,381	14	112	6,136	17	170	10,343	14	140	9,189	106	988	60,033
6:00pm	16	160	7,993	14	140	10,920	15	120	6,082	13	104	4,651	14	140	8,441	13	130	7,735	85	794	45,822
7:00pm	15	150	5,475	12	120	7,753	13	104	3,977	12	96	2,829	12	120	5,869	11	110	5,613	75	700	31,516
8:00pm	13	130	4,165	12	120	5,802	13	104	2,998	12	96	1,849	12	120	4,120	13	130	3,881	75	700	22,815
9:00pm	13	130	3,084	9	90	3,927	12	96	2,529	11	88	1,071	12	120	3,511	11	110	3,651	68	634	17,773
10:00pm	10	100	2,500	7	70	2,523	7	56	1,043	8	64	1,337	11	110	2,423	8	80	2,498	51	480	12,324
11:00pm	4	40	1,561	6	60	1,716	4	32	514	5	40	1,099	7	70	1,527	5	50	1,912	31	292	8,329
TOTAL	305	3,050	182,647	295	2,950	174,446	272	2,176	141,033	228	1,824	67,651	284	2,840	152,545	240	2,400	115,984	1,624	15,240	834,306

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

SECTION B

SUBWAY BY LOCATION

60TH STREET SECTOR, 2013-OUTBOUND

HOURS	59TH ST./LEXINGTON AVE			LEXINGTON AVE LOCAL			8TH AVE EXPR/LOCAL			8TH AVENUE LOCAL			TIMES SQUARE			59TH ST./COLUMBUS			TOTAL		
	VIA 4 EXPRESS & LOCAL*			59TH ST./LEXINGTON AVE			59TH ST./COLUMBUS CIRCLE			59TH ST./COLUMBUS CIRCLE			EXPRESS			CIRCLE			60TH STREET SECTOR		
	& 5 EXPRESS			VIA 6 (Local)			VIA A (Exp./Loc), D (Express)			VIA B, C LINES (Local)			VIA 2, 3, LINES			VIA 2*, 1 LINES - Local					
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	50	1,845	7	70	665	4	32	1,624	0	0	0	8	80	850	6	60	1,677	30	292	6,661
1:00am	3	30	666	4	40	167	8	64	677	0	0	0	3	30	38	6	60	866	24	224	2,414
2:00am	3	30	197	3	30	64	6	48	220	0	0	0	3	30	20	6	60	399	21	198	900
3:00am	2	20	362	4	40	227	6	48	372	0	0	0	3	30	56	6	60	370	21	198	1,387
4:00am	4	40	617	3	30	494	6	48	543	0	0	0	3	30	214	6	60	426	22	208	2,294
5:00am	4	40	1,821	4	40	1,518	6	48	1,325	0	0	0	3	30	272	7	70	1,442	24	228	6,378
6:00am	9	90	4,677	5	50	6,227	11	88	3,800	4	32	465	8	80	3,072	5	50	2,735	42	390	20,976
7:00am	14	140	12,341	14	140	10,990	16	128	6,057	14	112	3,932	13	130	9,067	8	80	6,528	79	730	48,915
8:00am	21	210	10,066	16	160	15,165	25	200	6,326	16	128	4,232	17	170	9,119	13	130	7,756	108	998	52,664
9:00am	23	230	5,508	20	200	10,601	21	168	3,929	15	120	2,770	19	190	6,460	20	200	5,320	118	1,108	34,588
10:00am	24	240	4,656	19	190	7,925	14	112	3,664	12	96	2,361	15	150	5,297	12	120	3,970	96	908	27,873
11:00am	14	140	4,358	15	150	7,383	14	112	3,651	10	80	2,474	16	160	4,882	12	120	4,201	81	762	26,949
12:00pm	16	160	5,461	13	130	7,125	12	96	4,450	13	104	2,453	17	170	5,127	10	100	4,546	81	760	29,162
1:00pm	15	150	5,909	15	150	8,296	12	96	5,285	13	104	2,924	16	160	5,950	9	90	4,965	80	750	33,329
2:00pm	15	150	9,743	14	140	8,187	13	104	7,747	13	104	2,587	15	150	7,283	10	100	6,159	80	748	41,706
3:00pm	15	150	12,832	16	160	10,640	15	120	9,017	12	96	4,592	15	150	8,676	11	110	7,957	84	786	53,714
4:00pm	17	170	18,342	15	150	11,580	15	120	12,245	10	80	4,956	14	140	10,302	11	110	9,019	82	770	66,444
5:00pm	23	230	23,412	20	200	17,321	17	136	16,548	13	104	7,606	21	210	15,963	14	140	13,584	108	1,020	94,434
6:00pm	24	240	18,521	16	160	16,297	14	112	14,271	13	104	6,913	20	200	15,611	15	150	11,901	102	966	83,514
7:00pm	19	190	12,935	15	150	9,464	14	112	9,497	12	96	4,568	19	190	10,023	12	120	7,987	91	858	54,474
8:00pm	15	150	8,393	12	120	8,193	14	112	8,066	12	96	3,032	12	120	7,382	12	120	6,045	77	718	41,111
9:00pm	15	150	6,399	11	110	6,450	10	80	7,015	11	88	2,496	11	110	6,409	13	130	5,043	71	668	33,812
10:00pm	12	120	5,553	9	90	4,473	10	80	5,625	9	72	1,820	13	130	5,521	11	110	3,379	64	602	26,371
11:00pm	7	70	4,874	7	70	2,758	10	80	5,305	1	8	214	11	110	3,224	6	60	3,287	42	398	19,662
TOTAL	319	3,190	179,488	277	2,770	172,210	293	2,344	137,259	203	1,624	60,395	295	2,950	140,818	241	2,410	119,562	1,628	15,288	809,732

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

SECTION B

SUBWAY BY LOCATION BROOKLYN SECTOR, 2013-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	5	40	519	3	24	214	5	50	207	7	66	313	0	0	0
1:00am	3	24	214	3	24	95	3	30	57	10	94	88	0	0	0
2:00am	3	24	83	3	24	72	2	20	31	9	84	77	0	0	0
3:00am	3	24	169	3	24	113	3	30	77	9	84	261	0	0	0
4:00am	3	24	539	3	24	487	3	30	207	9	84	1,170	0	0	0
5:00am	6	48	2,500	6	48	1,623	4	40	901	10	94	3,567	0	0	0
6:00am	10	80	6,080	11	88	4,279	6	60	2,979	13	116	5,952	10	92	5,939
7:00am	14	112	12,114	15	120	9,552	10	100	8,100	16	144	14,098	16	142	13,213
8:00am	19	152	20,404	16	128	13,461	14	140	13,500	19	172	22,458	19	172	23,347
9:00am	15	120	13,918	14	112	8,075	10	100	8,402	13	116	13,190	14	126	13,192
10:00am	11	88	6,597	12	96	4,811	8	80	4,226	13	118	7,040	12	108	7,039
11:00am	10	80	4,582	12	96	3,487	8	80	3,144	12	108	4,980	12	108	4,977
12:00pm	10	80	3,872	12	96	2,986	8	80	2,829	12	108	4,232	12	108	4,234
1:00pm	10	80	4,089	12	96	2,900	8	80	2,820	12	108	4,143	12	108	4,142
2:00pm	12	96	4,066	12	96	2,862	10	100	2,955	12	108	4,026	12	108	4,027
3:00pm	12	96	4,489	13	104	2,920	9	90	3,387	12	108	4,326	12	108	4,327
4:00pm	13	104	4,267	16	128	2,929	14	140	3,849	13	116	4,315	14	126	4,314
5:00pm	15	120	4,600	17	136	3,016	14	140	4,808	12	110	4,582	13	116	4,582
6:00pm	15	120	3,921	13	104	2,202	12	120	3,730	12	108	3,292	12	108	3,290
7:00pm	12	96	2,780	11	88	1,566	10	100	2,422	12	108	2,078	12	108	2,077
8:00pm	12	96	1,843	11	88	1,073	11	110	1,660	12	108	1,440	12	108	1,438
9:00pm	12	96	1,533	11	88	823	7	70	1,035	12	108	1,199	9	82	795
10:00pm	7	56	1,385	9	72	592	5	50	749	17	160	1,700	2	16	99
11:00pm	6	48	1,318	7	56	438	5	50	492	16	150	1,378	0	0	0
TOTAL	238	1,904	105,882	245	1,960	70,576	189	1,890	72,567	294	2,680	109,905	205	1,844	101,032

SECTION B

SUBWAY BY LOCATION
BROOKLYN SECTOR, 2013-INBOUND (CONT'D)

HOURS	CRANBERRY ST. TUNNEL			CLARK ST. TUNNEL			MONTAGUE ST.TUNNEL			JORALEMON ST. TUNNEL			TOTAL		
	VIA HIGH STREET			VIA CLARK STREET			VIA COURT STREET (1)			VIA BOROUGH HALL			BROOKLYN SECTOR		
	A, C LINES (LOCAL)			2,3 LINES (LOCAL)			N, R LINES (LOCAL)			4, 5 LINES (LOCAL)					
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	32	278	4	40	145				4	40	276	32	292	1,952
1:00am	4	32	122	3	30	62				2	20	19	28	254	657
2:00am	3	24	50	2	20	40				3	30	16	25	226	369
3:00am	3	24	169	3	30	104				4	40	189	28	256	1,082
4:00am	3	24	702	4	40	359				3	30	753	28	256	4,217
5:00am	3	24	2,400	4	40	1,325				4	40	2,483	37	334	14,799
6:00am	11	88	7,884	8	80	4,074				11	110	7,119	80	714	44,306
7:00am	14	112	17,996	15	150	9,746				16	160	14,421	116	1,040	99,240
8:00am	24	192	25,206	18	180	15,255				23	230	22,189	152	1,366	155,820
9:00am	19	152	14,107	17	170	9,523				22	220	12,667	124	1,116	93,074
10:00am	14	112	7,708	16	160	4,518				17	170	6,365	103	932	48,304
11:00am	14	112	5,811	14	140	3,418				16	160	4,869	98	884	35,268
12:00pm	12	96	5,244	16	160	3,114				15	150	4,374	97	878	30,885
1:00pm	12	96	5,165	14	140	3,154				15	150	4,426	95	858	30,839
2:00pm	14	112	5,269	16	160	3,302				15	150	4,582	103	930	31,089
3:00pm	13	104	5,877	15	150	3,751				16	160	5,045	102	920	34,122
4:00pm	15	120	6,562	16	160	4,459				20	200	5,752	121	1,094	36,447
5:00pm	17	136	7,454	21	210	4,707				21	210	6,291	130	1,178	40,040
6:00pm	13	104	5,194	19	190	3,200				22	220	4,155	118	1,074	28,984
7:00pm	14	112	3,263	16	160	2,037				17	170	3,062	104	942	19,285
8:00pm	13	104	2,671	12	120	1,568				16	160	2,225	99	894	13,918
9:00pm	11	88	1,865	10	100	1,336				7	70	1,751	79	702	10,337
10:00pm	9	72	1,472	10	100	1,010				5	50	1,438	64	576	8,445
11:00pm	5	40	829	11	110	1,222				6	60	1,412	56	514	7,089
TOTAL	264	2,112	133,298	284	2,840	81,429	(1)	(1)	(1)	300	3,000	115,879	2,019	18,230	790,568

(1) Location was not surveyed due to Montague tunnel closure.

SECTION B

SUBWAY BY LOCATION BROOKLYN SECTOR, 2013-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 (1)		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	40	1,226	4	32	794	4	40	818	5	50	575			
1:00am	3	24	408	3	24	229	4	40	175	3	30	86			
2:00am	3	24	141	3	24	158	3	30	80	3	30	23			
3:00am	3	24	173	3	24	117	3	30	120	3	30	71			
4:00am	3	24	302	3	24	130	3	30	170	3	30	142			
5:00am	5	40	554	3	24	246	3	30	308	3	30	328			
6:00am	9	72	1,667	8	64	824	6	60	1,091	8	74	1,227			
7:00am	13	104	2,946	13	104	1,716	11	110	2,277	13	118	3,001			
8:00am	17	136	2,671	19	152	1,923	14	140	2,835	12	108	3,755			
9:00am	17	136	2,331	17	136	1,404	13	130	2,292	14	126	2,339			
10:00am	11	88	2,189	11	88	1,245	11	110	1,674	13	118	2,188			
11:00am	10	80	2,538	12	96	1,504	8	80	1,737	12	108	2,281			
12:00pm	10	80	3,106	12	96	1,880	8	80	1,994	12	108	2,757			
1:00pm	10	80	3,948	12	96	2,404	8	80	2,544	12	110	3,334			
2:00pm	12	96	5,149	12	96	3,173	8	80	3,310	11	98	4,636			
3:00pm	12	96	7,571	13	104	4,472	8	80	4,687	13	116	6,755			
4:00pm	12	96	10,740	14	112	5,866	10	100	6,415	12	108	9,446			
5:00pm	15	120	15,298	16	128	8,144	12	120	10,064	18	162	14,982			
6:00pm	15	120	17,214	14	112	7,560	12	120	10,023	14	126	15,615			
7:00pm	13	104	12,304	12	96	5,495	12	120	6,814	13	118	11,193			
8:00pm	12	96	9,048	8	64	4,149	10	100	5,086	12	108	7,225			
9:00pm	12	96	7,250	14	112	3,381	7	70	3,971	11	98	5,973			
10:00pm	10	80	5,391	10	80	2,743	6	60	2,955	10	92	2,723			
11:00pm	6	48	4,125	6	48	2,100	6	60	2,049	5	50	2,059			
TOTAL	238	1,904	118,290	242	1,936	61,657	190	1,900	73,489	235	2,146	102,714	(1)	(1)	(1)

(1) Location was not surveyed due to Montague tunnel closure.

SECTION B

SUBWAY BY LOCATION
BROOKLYN SECTOR, 2013-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	1,074	3	30	497	4	40	698	6	54	1,118	36	326	6,800
1:00am	3	24	248	3	30	246	3	30	127	7	64	243	29	266	1,762
2:00am	3	24	119	3	30	75	3	30	52	6	54	104	27	246	752
3:00am	3	24	199	4	40	89	3	30	90	6	54	191	28	256	1,050
4:00am	3	24	275	3	30	134	3	30	168	6	54	309	27	246	1,630
5:00am	4	32	657	5	50	281	7	70	421	6	54	787	36	330	3,582
6:00am	10	80	2,161	11	110	1,263	12	120	1,612	10	90	1,899	74	670	11,744
7:00am	13	104	4,159	17	170	2,822	20	200	3,632	12	108	3,454	112	1,018	24,007
8:00am	15	120	5,363	20	200	3,857	24	240	4,993	15	132	3,378	136	1,228	28,775
9:00am	17	136	4,231	22	220	2,739	20	200	3,518	16	144	2,291	136	1,228	21,145
10:00am	14	112	2,951	16	160	1,947	17	170	2,351	12	108	1,893	105	954	16,438
11:00am	13	104	3,217	15	150	2,030	15	150	2,461	11	98	2,264	96	866	18,032
12:00pm	12	96	3,747	14	140	2,394	14	140	2,893	13	118	2,765	95	858	21,536
1:00pm	13	104	4,451	15	150	2,886	16	160	3,340	11	98	3,727	97	878	26,634
2:00pm	14	112	5,687	14	140	3,271	15	150	4,191	12	108	4,392	98	880	33,809
3:00pm	14	112	8,417	16	160	4,795	18	180	6,526	12	108	6,710	106	956	49,933
4:00pm	18	144	11,642	15	150	7,241	22	220	9,742	14	126	10,394	117	1,056	71,486
5:00pm	21	168	16,768	17	170	10,952	24	240	15,351	17	152	16,767	140	1,260	108,326
6:00pm	15	120	14,594	16	160	10,077	15	150	12,756	15	136	14,830	116	1,044	102,669
7:00pm	15	120	10,021	12	120	7,099	17	170	8,941	12	108	9,627	106	956	71,494
8:00pm	13	104	7,364	12	120	4,955	12	120	5,903	12	108	7,311	91	820	51,041
9:00pm	12	96	5,776	11	110	3,756	6	60	4,303	12	108	5,610	85	750	40,020
10:00pm	9	72	4,272	11	110	2,862	7	70	2,847	11	100	5,821	74	664	29,614
11:00pm	5	40	3,149	8	80	1,971	4	40	2,207	10	90	3,934	50	456	21,594
TOTAL	264	2,112	120,542	283	2,830	78,239	301	3,010	99,123	264	2,374	109,819	2,017	18,212	763,873

SECTION B

SUBWAY BY LOCATION QUEENS SECTOR, 2013-INBOUND

HOURS	60TH STREET TUNNEL			53RD STREET TUNNEL			STEINWAY ST. TUNNEL			63RD STREET TUNNEL			TOTAL		
	VIA QUEENSBORO PLAZA & QUEENS PLAZA			VIA 23RD STREET/ELY AVE			VIA VERNON AVE/JACKSON AVE			VIA 63RD ST/LEXINGTON AVE			QUEENS SECTOR		
	N, Q, R LINES			E, M LINES			7 LINE			F LINE					
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	40	189	4	40	425	5	55	246	3	30	376	16	165	1,236
1:00am	3	30	92	3	30	117	3	33	75	3	30	110	12	123	394
2:00am	3	30	51	3	30	74	3	33	56	4	40	134	13	133	315
3:00am	3	30	253	3	30	254	3	33	237	3	30	130	12	123	874
4:00am	3	30	812	3	30	992	3	33	699	2	20	462	11	113	2,965
5:00am	7	64	3,022	5	48	3,754	6	66	2,643	5	50	1,956	23	228	11,375
6:00am	17	156	8,388	13	120	10,183	16	176	6,423	7	70	5,184	53	522	30,178
7:00am	19	174	16,017	20	186	21,105	24	264	14,238	12	120	11,644	75	744	63,004
8:00am	24	224	28,334	24	220	28,031	26	286	20,671	15	150	16,485	89	880	93,521
9:00am	19	178	15,917	18	168	16,182	18	198	11,934	12	120	9,434	67	664	53,467
10:00am	18	168	9,345	14	130	9,955	13	143	6,509	9	90	5,596	54	531	31,405
11:00am	18	168	6,464	14	128	6,925	10	110	4,358	8	80	4,046	50	486	21,793
12:00pm	18	168	5,181	14	128	5,523	10	110	3,456	8	80	3,251	50	486	17,411
1:00pm	18	168	5,115	15	138	5,619	10	110	3,472	8	80	3,293	51	496	17,499
2:00pm	18	168	5,848	15	138	6,056	12	132	3,874	8	80	3,348	53	518	19,126
3:00pm	18	168	6,426	18	168	6,644	12	132	4,511	9	90	3,790	57	558	21,371
4:00pm	19	174	6,419	21	196	7,188	17	187	4,810	11	110	4,039	68	667	22,456
5:00pm	19	176	6,918	19	178	8,172	24	264	5,166	12	120	4,452	74	738	24,708
6:00pm	21	196	5,125	19	174	5,720	20	220	3,635	12	120	3,142	72	710	17,622
7:00pm	20	186	3,177	17	158	3,465	16	176	2,126	11	110	1,964	64	630	10,732
8:00pm	18	166	2,025	16	148	2,382	13	143	1,395	10	100	1,370	57	557	7,172
9:00pm	16	150	1,627	13	118	1,943	12	132	1,160	6	60	1,148	47	460	5,878
10:00pm	17	160	1,247	11	100	1,473	9	99	941	6	60	781	43	419	4,442
11:00pm	5	50	768	6	58	857	9	99	590	6	60	468	26	267	2,683
TOTAL	345	3,222	138,760	308	2,862	153,039	294	3,234	103,225	190	1,900	86,603	1,137	11,218	481,627

SECTION B

**SUBWAY BY LOCATION
QUEENS SECTOR, 2013-OUTBOUND**

HOURS	60TH STREET TUNNEL			53RD STREET TUNNEL			STEINWAY ST. TUNNEL			63RD STREET TUNNEL			TOTAL		
	VIA LEXINGTON AVE			VIA LEXINGTON AVE			VIA GRAND CENTRAL			VIA 57TH ST/6TH AVE			QUEENS SECTOR		
	N, R, Q LINES			E, M LINES			7 LINE			F LINE					
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	50	930	5	50	945	6	66	1,047	4	40	961	20	206	3,883
1:00am	2	20	319	3	30	225	3	33	336	4	40	239	12	123	1,119
2:00am	3	30	178	2	20	82	3	33	84	2	20	120	10	103	464
3:00am	3	30	223	4	40	200	3	33	268	3	30	142	13	133	833
4:00am	3	30	330	3	30	308	3	33	436	3	30	196	12	123	1,270
5:00am	3	30	744	5	48	777	3	33	1,089	3	30	435	14	141	3,045
6:00am	13	124	2,276	10	90	2,220	13	143	2,866	6	60	1,283	42	417	8,645
7:00am	17	158	4,307	15	140	4,056	14	154	5,251	8	80	2,598	54	532	16,212
8:00am	21	194	4,685	21	196	4,657	15	165	5,922	14	140	3,012	71	695	18,276
9:00am	22	204	3,269	19	178	3,232	11	121	3,588	11	110	2,002	63	613	12,091
10:00am	18	168	2,689	17	158	2,538	9	99	2,456	9	90	1,724	53	515	9,407
11:00am	18	168	3,018	14	128	3,026	9	99	2,585	8	80	1,946	49	475	10,575
12:00pm	18	168	3,770	14	128	3,793	12	132	2,966	8	80	2,426	52	508	12,955
1:00pm	18	168	4,451	14	128	4,844	7	77	3,526	8	80	2,946	47	453	15,767
2:00pm	17	158	5,422	15	138	6,625	9	99	4,870	8	80	3,944	49	475	20,861
3:00pm	19	178	9,773	17	158	10,687	12	132	7,264	10	100	6,057	58	568	33,781
4:00pm	19	176	13,652	20	186	15,816	20	220	10,642	13	130	8,801	72	712	48,911
5:00pm	20	186	20,503	21	196	22,178	33	363	15,965	14	140	13,658	88	885	72,304
6:00pm	18	166	18,582	19	174	17,991	25	275	13,483	12	120	11,773	74	735	61,829
7:00pm	20	186	13,014	18	168	12,149	23	253	8,991	12	120	7,627	73	727	41,781
8:00pm	19	176	9,995	16	148	9,074	17	187	6,624	9	90	5,564	61	601	31,257
9:00pm	19	174	8,046	14	128	6,923	15	165	5,607	9	90	4,497	57	557	25,073
10:00pm	17	160	6,350	12	110	6,042	16	176	4,563	6	60	2,863	51	506	19,818
11:00pm	12	110	5,204	10	90	5,023	15	165	3,653	5	50	2,309	42	415	16,189
TOTAL	344	3,212	141,730	308	2,860	143,411	296	3,256	114,082	189	1,890	87,123	1,137	11,218	486,346

SECTION B

SUBWAY BY LINE

NEW JERSEY SECTOR, 2013-INBOUND

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	1	8	95	2	14	124	3	22	219
1:00am	2	16	53	2	14	61	4	30	114
2:00am	2	16	40	1	7	36	3	23	76
3:00am	1	8	69	2	14	61	3	22	130
4:00am	2	16	217	2	14	185	4	30	402
5:00am	3	24	1,062	3	21	867	6	45	1,929
6:00am	14	112	3,153	11	77	3,360	25	189	6,513
7:00am	22	176	9,004	20	140	9,254	42	316	18,258
8:00am	24	192	13,254	24	168	15,747	48	360	29,001
9:00am	17	136	6,290	16	112	7,063	33	248	13,353
10:00am	8	64	2,155	12	84	2,561	20	148	4,716
11:00am	9	72	1,601	12	84	1,831	21	156	3,432
12:00pm	9	72	1,447	12	84	1,649	21	156	3,096
1:00pm	9	72	1,327	12	84	1,460	21	156	2,787
2:00pm	10	80	1,342	12	84	1,459	22	164	2,801
3:00pm	12	96	1,615	12	84	1,761	24	180	3,376
4:00pm	19	152	2,142	17	119	2,875	36	271	5,017
5:00pm	23	184	3,577	22	154	4,585	45	338	8,162
6:00pm	18	144	2,267	18	126	3,050	36	270	5,317
7:00pm	11	88	1,421	12	84	1,521	23	172	2,942
8:00pm	11	88	876	12	84	943	23	172	1,819
9:00pm	9	72	640	9	63	722	18	135	1,362
10:00pm	8	64	435	8	56	522	16	120	957
11:00pm	4	32	207	4	28	255	8	60	462
TOTAL	248	1,984	54,289	257	1,799	61,952	505	3,783	116,241

NEW JERSEY SECTOR, 2013-OUTBOUND

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	1	8	362	2	14	774	3	22	1,136
1:00am	2	16	130	2	14	393	4	30	523
2:00am	2	16	96	1	7	193	3	23	289
3:00am	1	8	57	2	14	130	3	22	187
4:00am	2	16	70	2	14	127	4	30	197
5:00am	3	24	213	1	7	202	4	31	415
6:00am	12	96	790	9	63	875	21	159	1,665
7:00am	20	160	1,855	18	126	2,243	38	286	4,098
8:00am	23	184	3,323	23	161	4,071	46	345	7,394
9:00am	16	128	1,662	19	133	1,628	35	261	3,290
10:00am	10	80	661	12	84	865	22	164	1,526
11:00am	9	72	573	12	84	918	21	156	1,491
12:00pm	9	72	764	12	84	1,185	21	156	1,949
1:00pm	9	72	963	12	84	1,347	21	156	2,310
2:00pm	9	72	1,269	12	84	1,622	21	156	2,891
3:00pm	11	88	2,200	12	84	2,684	23	172	4,884
4:00pm	20	160	5,031	15	105	4,708	35	265	9,739
5:00pm	25	200	11,368	22	154	10,853	47	354	22,221
6:00pm	20	160	8,379	21	147	11,090	41	307	19,469
7:00pm	12	96	4,220	12	84	6,390	24	180	10,610
8:00pm	11	88	2,682	12	84	4,668	23	172	7,350
9:00pm	10	80	1,874	10	70	3,789	20	150	5,663
10:00pm	8	64	1,077	8	56	2,654	16	120	3,731
11:00pm	3	24	670	5	35	1,580	8	59	2,250
TOTAL	248	1,984	50,289	256	1,792	64,989	504	3,776	115,278

SECTION C

SUBURBAN AND INTERCITY RAIL, TRANSIT BY SECTOR SUMMARY, 2013-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	6	40	157	5	52	180	6	49	497	17	141	834
1:00am	6	46	80	4	44	90	3	23	227	13	113	397
2:00am	0	0	0	6	57	211	2	17	106	8	74	317
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	1,301	3	34	1,750	6	51	1,059	15	129	4,110
6:00am	16	114	5,721	15	152	11,240	13	113	4,832	44	379	21,793
7:00am	38	267	19,500	29	285	23,700	19	160	13,563	86	712	56,763
8:00am	52	402	33,835	37	388	33,197	26	218	22,671	115	1,008	89,703
9:00am	33	242	15,521	20	186	13,598	17	135	9,806	70	563	38,925
10:00am	19	128	5,559	12	114	5,363	11	82	4,450	42	324	15,372
11:00am	12	91	3,275	9	94	3,330	10	79	3,337	31	264	9,942
12:00pm	12	95	2,963	11	108	3,088	9	69	2,632	32	272	8,683
1:00pm	10	77	2,106	9	96	2,502	7	53	1,865	26	226	6,473
2:00pm	10	68	1,773	8	72	2,082	9	68	2,262	27	208	6,117
3:00pm	10	67	1,825	10	104	2,178	9	68	2,369	29	239	6,372
4:00pm	13	94	2,158	10	100	2,694	8	57	2,178	31	251	7,030
5:00pm	16	126	3,059	8	88	2,550	11	95	4,036	35	309	9,645
6:00pm	16	118	3,656	12	111	3,225	11	90	3,188	39	319	10,069
7:00pm	14	98	2,233	11	112	1,893	11	86	2,889	36	296	7,015
8:00pm	10	66	1,110	9	86	1,350	9	73	1,549	28	225	4,009
9:00pm	8	56	723	8	81	868	10	78	1,182	26	215	2,773
10:00pm	7	51	551	8	88	700	8	68	1,001	23	207	2,252
11:00pm	6	43	282	6	64	350	3	23	170	15	130	802
TOTAL	320	2,333	107,388	255	2,568	116,509	218	1,755	85,869	793	6,656	309,766

SUMMARY, 2013-OUTBOUND

HOURS	60TH STREET SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			ALL SECTORS		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	6	40	922	5	54	850	3	26	493	14	120	2,265
1:00am	2	64	672	4	46	500	3	26	453	9	136	1,625
2:00am	0	0	0	2	17	139	0	0	0	2	17	139
3:00am	0	0	0	4	42	180	1	5	117	5	47	297
4:00am	0	0	0	1	12	90	4	32	272	5	44	362
5:00am	5	40	272	4	44	290	5	43	353	14	127	915
6:00am	14	106	1,219	6	59	805	14	107	1,151	34	272	3,175
7:00am	16	104	2,530	8	80	1,630	14	111	2,656	38	295	6,816
8:00am	13	98	2,379	10	98	1,800	10	82	2,138	33	278	6,317
9:00am	10	82	1,283	8	82	1,030	10	76	1,950	28	240	4,263
10:00am	10	66	1,134	9	90	1,073	9	70	1,610	28	226	3,817
11:00am	10	71	1,180	10	97	1,523	7	55	1,480	27	223	4,183
12:00pm	10	74	1,381	9	86	1,911	9	70	1,746	28	230	5,038
1:00pm	12	94	2,326	9	94	2,380	6	51	1,726	27	239	6,432
2:00pm	13	98	3,051	9	93	4,206	10	75	2,852	32	266	10,109
3:00pm	19	135	5,069	15	152	8,499	12	100	4,790	46	387	18,358
4:00pm	28	193	9,947	22	220	13,246	18	143	10,283	68	556	33,476
5:00pm	45	335	25,732	34	362	27,819	21	184	16,821	100	881	70,372
6:00pm	35	264	20,210	23	235	20,029	20	177	15,428	78	676	55,667
7:00pm	23	168	10,737	15	147	10,825	12	92	7,489	50	407	29,051
8:00pm	13	98	5,778	8	86	5,740	11	86	5,523	32	270	17,041
9:00pm	13	93	4,907	8	76	4,460	8	68	3,487	29	237	12,854
10:00pm	10	69	2,800	9	86	3,390	8	66	2,407	27	221	8,597
11:00pm	8	56	2,003	9	100	2,050	6	50	1,552	23	206	5,605
TOTAL	315	2,348	105,532	241	2,458	114,465	221	1,795	86,777	777	6,601	306,774

SECTION C

SUBURBAN AND INTERCITY RAIL TRANSIT BY LINE
60TH STREET SECTOR, 2013-INBOUND

HOURS	MTA METRO-NORTH RAILROAD									AMTRAK			TOTAL		
	HUDSON LINE			HARLEM LINE			NEW HAVEN LINE			EMPIRE SERVICE			TRAINS	CARS	PSGRS
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS			
12:00am	1	6	12	3	20	57	2	14	88	0	0	0	6	40	157
1:00am	2	16	27	1	8	11	3	22	42	0	0	0	6	46	80
2:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00am	2	13	354	2	18	410	2	13	537	0	0	0	6	44	1,301
6:00am	5	32	1,265	6	44	1,913	5	38	2,543	0	0	0	16	114	5,721
7:00am	10	63	4,039	12	90	6,464	15	109	8,905	1	5	92	38	267	19,500
8:00am	14	94	7,528	17	139	11,815	20	164	14,337	1	5	155	52	402	33,835
9:00am	8	54	3,247	11	84	5,546	13	99	6,512	1	5	216	33	242	15,521
10:00am	5	32	1,029	6	44	1,759	7	47	2,567	1	5	204	19	128	5,559
11:00am	4	27	733	4	32	1,073	4	32	1,469	0	0	0	12	91	3,275
12:00pm	3	23	506	4	32	976	4	35	1,331	1	5	150	12	95	2,963
1:00pm	3	23	427	3	24	658	3	25	901	1	5	120	10	77	2,106
2:00pm	3	21	371	3	20	601	3	22	711	1	5	90	10	68	1,773
3:00pm	3	21	350	3	22	566	3	19	736	1	5	173	10	67	1,825
4:00pm	3	21	379	5	36	849	5	37	930	0	0	0	13	94	2,158
5:00pm	3	21	467	6	50	1,000	6	50	1,488	1	5	104	16	126	3,059
6:00pm	4	26	468	4	32	1,007	6	46	1,904	2	14	277	16	118	3,656
7:00pm	4	26	225	5	34	805	5	38	1,203	0	0	0	14	98	2,233
8:00pm	2	13	118	4	28	346	3	20	457	1	5	189	10	66	1,110
9:00pm	2	13	119	2	16	167	3	22	328	1	5	109	8	56	723
10:00pm	2	13	114	2	14	207	3	24	230	0	0	0	7	51	551
11:00pm	2	13	59	2	14	100	2	16	123	0	0	0	6	43	282
TOTAL	85	571	21,837	105	801	36,330	117	892	47,342	13	69	1,879	320	2,333	107,388

60TH STREET SECTOR, 2013-OUTBOUND

HOURS	MTA METRO-NORTH RAILROAD									AMTRAK			TOTAL		
	HUDSON LINE			HARLEM LINE			NEW HAVEN LINE			EMPIRE SERVICE			TRAINS	CARS	PSGRS
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS			
12:00am	2	13	204	2	14	372	2	13	346	0	0	0	6	40	922
1:00am	1	12	94	0	22	263	1	30	315	0	0	0	2	64	672
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	17	1	8	30	3	26	225	0	0	0	5	40	272
6:00am	4	26	143	6	46	320	4	34	756	0	0	0	14	106	1,219
7:00am	4	26	265	6	42	936	5	31	1,186	1	5	143	16	104	2,530
8:00am	3	21	271	4	34	652	5	38	1,261	1	5	195	13	98	2,379
9:00am	3	23	228	4	32	476	3	27	579	0	0	0	10	82	1,283
10:00am	3	21	207	3	22	338	3	18	449	1	5	140	10	66	1,134
11:00am	3	21	230	3	20	389	3	25	494	1	5	67	10	71	1,180
12:00pm	3	21	315	4	28	541	3	25	525	0	0	0	10	74	1,381
1:00pm	3	23	422	4	32	743	4	34	973	1	5	188	12	94	2,326
2:00pm	3	21	623	5	38	1,086	4	34	1,236	1	5	106	13	98	3,051
3:00pm	5	32	1,165	7	53	1,767	5	36	1,779	2	14	358	19	135	5,069
4:00pm	7	44	2,274	11	80	3,769	9	64	3,675	1	5	229	28	193	9,947
5:00pm	13	92	6,230	11	93	7,542	20	145	11,761	1	5	199	45	335	25,732
6:00pm	9	59	4,103	13	103	7,555	13	102	8,552	0	0	0	35	264	20,210
7:00pm	6	40	2,033	8	66	4,182	8	57	4,362	1	5	160	23	168	10,737
8:00pm	3	19	835	4	32	2,005	5	42	2,840	1	5	98	13	98	5,778
9:00pm	5	32	1,300	4	28	1,489	4	33	2,118	0	0	0	13	93	4,907
10:00pm	3	22	647	2	14	610	4	28	1,504	1	5	39	10	69	2,800
11:00pm	2	13	369	3	22	837	3	21	797	0	0	0	8	56	2,003
TOTAL	86	587	21,975	105	829	35,902	111	863	45,733	13	69	1,922	315	2,348	105,532

SECTION C

SUBURBAN AND INTERCITY RAIL, TRANSIT BY LINE
QUEENS SECTOR, 2013-INBOUND

HOURS	MTA LIRR			AMTRAK			TOTAL		
	TRAINS	CARS	PSGRS	N.E. CORRIDOR			TRAINS	CARS	PSGRS
12:00am	5	52	180	0	0	0	5	52	180
1:00am	4	44	90	0	0	0	4	44	90
2:00am	5	52	100	1	5	111	6	57	211
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	1,750	0	0	0	3	34	1,750
6:00am	15	152	11,240	0	0	0	15	152	11,240
7:00am	29	285	23,700	0	0	0	29	285	23,700
8:00am	36	382	32,970	1	6	227	37	388	33,197
9:00am	18	172	13,200	2	14	398	20	186	13,598
10:00am	10	100	4,860	2	14	503	12	114	5,363
11:00am	9	94	3,330	0	0	0	9	94	3,330
12:00pm	9	94	2,560	2	14	528	11	108	3,088
1:00pm	8	88	2,180	1	8	322	9	96	2,502
2:00pm	7	66	1,880	1	6	202	8	72	2,082
3:00pm	8	90	1,810	2	14	368	10	104	2,178
4:00pm	9	94	2,450	1	6	244	10	100	2,694
5:00pm	8	88	2,550	0	0	0	8	88	2,550
6:00pm	9	92	2,610	3	19	615	12	111	3,225
7:00pm	10	106	1,650	1	6	243	11	112	1,893
8:00pm	7	74	980	2	12	370	9	86	1,350
9:00pm	7	74	720	1	7	148	8	81	868
10:00pm	8	88	700	0	0	0	8	88	700
11:00pm	6	64	350	0	0	0	6	64	350
TOTAL	235	2,437	112,230	20	131	4,279	255	2,568	116,509

QUEENS SECTOR, 2013-OUTBOUND

HOURS	MTA LIRR			AMTRAK			TOTAL		
	TRAINS	CARS	PSGRS	N.E. CORRIDOR			TRAINS	CARS	PSGRS
12:00am	5	54	850	0	0	0	5	54	850
1:00am	4	46	500	0	0	0	4	46	500
2:00am	1	12	40	1	5	99	2	17	139
3:00am	4	42	180	0	0	0	4	42	180
4:00am	1	12	90	0	0	0	1	12	90
5:00am	4	44	290	0	0	0	4	44	290
6:00am	5	52	650	1	7	155	6	59	805
7:00am	8	80	1,630	0	0	0	8	80	1,630
8:00am	8	84	1,330	2	14	470	10	98	1,800
9:00am	8	82	1,030	0	0	0	8	82	1,030
10:00am	8	84	860	1	6	213	9	90	1,073
11:00am	8	84	1,120	2	13	403	10	97	1,523
12:00pm	7	72	1,580	2	14	331	9	86	1,911
1:00pm	8	88	2,180	1	6	200	9	94	2,380
2:00pm	8	86	3,980	1	7	226	9	93	4,206
3:00pm	13	138	7,950	2	14	549	15	152	8,499
4:00pm	21	214	12,970	1	6	276	22	220	13,246
5:00pm	32	348	27,310	2	14	509	34	362	27,819
6:00pm	21	221	19,560	2	14	469	23	235	20,029
7:00pm	13	134	10,390	2	13	435	15	147	10,825
8:00pm	8	86	5,740	0	0	0	8	86	5,740
9:00pm	8	76	4,460	0	0	0	8	76	4,460
10:00pm	9	86	3,390	0	0	0	9	86	3,390
11:00pm	9	100	2,050	0	0	0	9	100	2,050
TOTAL	221	2,325	110,130	20	133	4,335	241	2,458	114,465

SECTION C

SUBURBAN AND INTERCITY RAIL, TRANSIT BY LINE
NEW JERSEY SECTOR, 2013-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	318	2	17	34	1	7	145	6	49	497
1:00am	2	18	107	0	0	0	1	5	120	3	23	227
2:00am	2	17	106	0	0	0	0	0	0	2	17	106
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	759	2	17	300	0	0	0	6	51	1,059
6:00am	7	67	2,545	4	33	2,065	2	13	222	13	113	4,832
7:00am	13	113	9,484	4	35	3,783	2	12	296	19	160	13,563
8:00am	13	114	12,855	8	71	8,645	5	33	1,171	26	218	22,671
9:00am	11	90	6,049	4	32	3,247	2	13	510	17	135	9,806
10:00am	6	45	2,681	3	23	1,182	2	14	587	11	82	4,450
11:00am	3	29	1,758	3	25	744	4	25	835	10	79	3,337
12:00pm	3	27	1,314	2	16	440	4	26	878	9	69	2,632
1:00pm	3	26	1,057	2	15	406	2	12	402	7	53	1,865
2:00pm	3	27	1,168	2	16	362	4	25	732	9	68	2,262
3:00pm	4	33	1,345	2	16	325	3	19	699	9	68	2,369
4:00pm	3	22	1,070	2	17	371	3	18	737	8	57	2,178
5:00pm	5	48	2,402	4	33	935	2	14	699	11	95	4,036
6:00pm	6	55	1,841	2	16	542	3	19	805	11	90	3,188
7:00pm	5	43	1,413	3	22	818	3	21	658	11	86	2,889
8:00pm	5	46	984	2	15	189	2	12	376	9	73	1,549
9:00pm	3	26	506	3	27	271	4	25	405	10	78	1,182
10:00pm	4	40	621	2	15	128	2	13	252	8	68	1,001
11:00pm	1	10	111	1	8	24	1	5	35	3	23	170
TOTAL	109	955	50,494	57	469	24,811	52	331	10,564	218	1,755	85,869

NEW JERSEY SECTOR, 2013-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	249	2	18	244	0	0	0	3	26	493
1:00am	2	17	378	1	9	75	0	0	0	3	26	453
2:00am	0	0	0	0	0	0	0	0	0	0	0	0
3:00am	0	0	0	0	0	0	1	5	117	1	5	117
4:00am	3	25	249	0	0	0	1	7	23	4	32	272
5:00am	4	36	300	0	0	0	1	7	53	5	43	353
6:00am	6	50	642	4	34	203	4	23	306	14	107	1,151
7:00am	7	63	1,382	3	24	570	4	24	704	14	111	2,656
8:00am	5	43	1,134	3	26	520	2	13	484	10	82	2,138
9:00am	4	33	947	3	24	308	3	19	695	10	76	1,950
10:00am	3	27	624	3	24	349	3	19	637	9	70	1,610
11:00am	3	25	746	2	16	264	2	14	470	7	55	1,480
12:00pm	3	27	789	2	16	336	4	27	621	9	70	1,746
1:00pm	3	30	992	2	15	489	1	6	245	6	51	1,726
2:00pm	3	27	1,227	2	16	749	5	32	876	10	75	2,852
3:00pm	6	54	3,090	2	17	788	4	29	912	12	100	4,790
4:00pm	8	71	4,800	6	47	4,480	4	25	1,003	18	143	10,283
5:00pm	14	133	12,140	4	34	3,884	3	17	797	21	184	16,821
6:00pm	10	98	8,349	7	60	6,270	3	19	809	20	177	15,428
7:00pm	7	59	4,672	3	22	2,287	2	11	530	12	92	7,489
8:00pm	5	42	2,984	3	26	1,833	3	18	706	11	86	5,523
9:00pm	4	38	1,991	2	17	1,151	2	13	345	8	68	3,487
10:00pm	3	31	1,239	3	23	808	2	12	360	8	66	2,407
11:00pm	3	28	1,081	2	17	431	1	5	40	6	50	1,552
TOTAL	107	965	50,005	59	485	26,039	55	345	10,733	221	1,795	86,777

SECTION D **AUTO, TAXI, COMMUTER VAN & TRUCK OCCUPANTS BY SECTOR** **SUMMARY, 2013-INBOUND**

HOURS	60TH STREET SECTOR	BROOKLYN SEC-TOR	QUEENS SEC-TOR	NEW JERSEY SECTOR	TOTAL
12:00am	10,024	4,812	3,520	1,565	19,921
1:00am	5,592	3,176	2,057	1,000	11,825
2:00am	3,948	2,263	1,566	867	8,644
3:00am	3,680	2,317	1,821	1,054	8,872
4:00am	5,252	3,754	3,055	1,913	13,974
5:00am	10,412	7,034	5,673	6,235	29,354
6:00am	18,533	11,870	8,311	9,670	48,384
7:00am	24,345	13,471	9,902	8,224	55,942
8:00am	27,328	14,219	10,986	8,034	60,567
9:00am	25,574	13,396	10,110	7,565	56,645
10:00am	22,399	12,923	9,610	6,154	51,086
11:00am	21,165	11,543	7,904	5,636	46,248
12:00pm	21,009	10,939	7,911	5,472	45,331
1:00pm	20,626	10,979	7,709	5,315	44,629
2:00pm	21,127	11,502	8,372	5,437	46,438
3:00pm	22,415	10,075	8,480	5,460	46,430
4:00pm	21,968	10,230	8,802	5,240	46,240
5:00pm	23,045	10,921	9,271	5,295	48,532
6:00pm	23,922	10,626	9,138	5,356	49,042
7:00pm	23,666	9,947	8,108	4,939	46,660
8:00pm	21,509	9,314	6,685	4,218	41,726
9:00pm	19,758	8,972	5,870	3,869	38,469
10:00pm	19,403	8,966	5,581	3,658	37,608
11:00pm	16,813	7,480	4,755	2,856	31,904
TOTAL	433,513	220,729	165,197	115,032	934,471

SUMMARY, 2013-OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SEC-TOR	QUEENS SEC-TOR	NEW JERSEY SECTOR	TOTAL
12:00am	10,309	8,725	6,722	2,995	28,751
1:00am	6,132	5,671	4,076	1,760	17,639
2:00am	4,228	3,595	2,750	1,160	11,733
3:00am	3,888	2,626	2,205	1,097	9,816
4:00am	5,247	2,981	2,687	1,615	12,530
5:00am	9,247	4,590	3,879	2,696	20,412
6:00am	16,443	7,961	5,920	4,105	34,429
7:00am	22,783	9,448	6,610	5,115	43,956
8:00am	23,394	10,050	5,910	4,628	43,982
9:00am	22,663	9,393	6,155	4,213	42,424
10:00am	21,750	8,724	5,876	4,346	40,696
11:00am	20,789	8,952	6,514	5,049	41,304
12:00pm	21,425	9,221	7,201	5,498	43,345
1:00pm	21,869	9,644	8,013	6,473	45,999
2:00pm	24,098	10,686	8,969	7,878	51,631
3:00pm	25,531	13,083	10,611	9,350	58,575
4:00pm	25,726	15,185	10,465	8,958	60,334
5:00pm	26,800	15,245	10,436	7,812	60,293
6:00pm	28,380	15,313	9,726	8,192	61,611
7:00pm	26,268	14,576	10,015	6,866	57,725
8:00pm	23,249	13,867	9,445	6,709	53,270
9:00pm	22,738	12,967	8,616	6,904	51,225
10:00pm	20,974	12,086	8,647	6,456	48,163
11:00pm	16,910	10,534	8,411	4,298	40,153
TOTAL	450,841	235,123	169,859	124,173	979,996

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
60TH STREET SECTOR, 2013-INBOUND

HOURS	FDR DRIVE	YORK AVE	SECOND AVE	LEXINGTON AVENUE	PARK AVE	FIFTH AVENUE	SEVENTH AVE (C.P. Exit)	BROADWAY	COLUMBUS AVENUE	WEST END AVENUE	WEST SIDE HIGHWAY	TOTAL
12:00am	1,946	492	2,234	922	452	1,138	0	657	990	387	806	10,024
1:00am	1,001	228	1,339	542	204	598	0	396	611	223	450	5,592
2:00am	666	169	1,081	384	118	374	0	287	389	131	349	3,948
3:00am	612	175	1,104	350	96	355	0	211	333	111	333	3,680
4:00am	1,087	297	1,489	438	118	519	0	212	356	150	586	5,252
5:00am	2,827	651	2,086	700	185	1,014	0	317	537	259	1,836	10,412
6:00am	4,970	808	2,491	1,137	506	2,006	0	737	844	577	4,457	18,533
7:00am	6,694	799	2,632	1,645	1,413	2,713	0	1,277	1,222	1,007	4,943	24,345
8:00am	7,251	831	2,631	1,688	2,059	2,435	1,669	1,421	1,551	1,249	4,543	27,328
9:00am	6,901	833	2,469	1,467	1,896	2,099	1,580	1,349	1,517	1,171	4,292	25,574
10:00am	6,024	952	2,483	1,266	1,802	2,125	80	1,397	1,471	1,029	3,770	22,399
11:00am	5,847	1,006	2,499	1,227	1,582	1,893	0	1,257	1,425	1,030	3,399	21,165
12:00pm	5,854	1,057	2,622	1,296	1,577	1,742	0	1,313	1,381	1,028	3,139	21,009
1:00pm	5,579	1,075	2,812	1,242	1,499	1,643	0	1,208	1,485	1,073	3,010	20,626
2:00pm	5,628	1,015	2,954	1,351	1,487	1,660	0	1,217	1,509	1,083	3,223	21,127
3:00pm	6,201	1,233	3,146	1,295	1,394	1,635	0	1,121	1,561	1,187	3,642	22,415
4:00pm	6,113	1,096	2,855	1,345	1,338	1,603	0	1,099	1,441	1,090	3,988	21,968
5:00pm	6,456	995	2,992	1,451	1,497	1,666	0	1,283	1,494	1,118	4,093	23,045
6:00pm	6,324	1,054	3,229	1,548	1,648	1,806	0	1,297	1,638	1,432	3,946	23,922
7:00pm	5,615	1,037	3,256	1,708	1,540	2,192	0	1,468	1,868	1,420	3,562	23,666
8:00pm	5,312	1,044	3,218	1,722	1,489	2,134	0	1,253	1,657	1,299	2,381	21,509
9:00pm	4,481	902	3,134	1,704	1,377	2,088	0	1,238	1,569	1,130	2,135	19,758
10:00pm	4,168	821	3,260	1,770	1,378	2,240	0	1,247	1,633	998	1,888	19,403
11:00pm	3,517	764	3,134	1,502	1,037	1,984	0	1,066	1,490	851	1,468	16,813
TOTAL	111,074	19,334	61,150	29,700	27,692	39,662	3,329	24,328	29,972	21,033	66,239	433,513

SECTION D

**AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
60TH STREET SECTOR, 2013-OUTBOUND**

HOURS	FDR DRIVE	YORK AVE	FIRST AVE	QUEENS- BORO RAMP	THIRD AVE	PARK AVE	MADISON AVE	SIXTH AVE (C.P. En- trance)	EIGHT AVE	BROADWAY	AMSTER-DAM AVE	WEST END AVE	WEST SIDE HWY	TOTAL
12:00am	1,915	372	1,027	918	1,010	378	1,064	0	618	558	665	150	1,634	10,309
1:00am	1,014	207	698	553	744	187	579	0	354	374	407	89	926	6,132
2:00am	614	137	512	467	538	103	381	0	243	251	304	62	616	4,228
3:00am	558	142	542	628	488	87	273	0	192	182	275	63	458	3,888
4:00am	803	237	611	1,231	625	108	338	0	202	152	326	89	525	5,247
5:00am	1,775	472	877	2,513	806	217	521	0	350	203	585	222	706	9,247
6:00am	4,027	1,043	1,765	2,286	1,602	714	866	0	533	432	954	621	1,600	16,443
7:00am	5,049	1,655	2,233	2,112	1,991	1,849	1,287	321	1,022	766	1,342	779	2,377	22,783
8:00am	4,636	1,716	2,263	1,973	1,886	2,178	1,262	466	1,195	941	1,418	807	2,653	23,394
9:00am	4,352	1,543	2,275	1,927	2,114	1,827	1,224	548	1,305	899	1,429	948	2,272	22,663
10:00am	4,237	1,306	1,932	1,759	2,023	1,791	1,223	526	1,365	844	1,495	873	2,376	21,750
11:00am	3,912	1,242	1,878	1,778	1,730	1,636	1,226	457	1,172	723	1,571	783	2,681	20,789
12:00pm	4,006	1,250	1,972	1,819	1,842	1,556	1,307	602	1,258	765	1,497	677	2,874	21,425
1:00pm	3,773	1,362	1,967	1,963	1,847	1,588	1,305	620	1,325	782	1,643	566	3,128	21,869
2:00pm	4,331	1,543	2,052	2,151	1,989	1,878	1,429	635	1,268	816	1,688	703	3,615	24,098
3:00pm	4,933	1,595	1,944	2,082	1,808	1,879	1,452	873	1,356	844	1,972	806	3,987	25,531
4:00pm	5,192	1,463	2,066	2,008	1,619	1,872	1,597	979	1,352	780	1,904	820	4,074	25,726
5:00pm	5,179	1,501	2,203	1,971	1,767	2,077	1,785	1,052	1,582	831	2,117	1,012	3,723	26,800
6:00pm	4,691	1,599	2,268	1,799	2,286	2,135	2,192	1,030	1,808	1,099	2,484	1,041	3,948	28,380
7:00pm	4,514	1,105	2,167	1,760	2,355	1,959	2,605	0	1,875	1,187	2,204	717	3,820	26,268
8:00pm	4,438	1,067	2,030	1,626	2,102	1,588	2,172	0	1,456	1,014	1,695	468	3,593	23,249
9:00pm	4,116	921	1,982	1,640	2,186	1,479	2,150	0	1,484	915	1,667	498	3,700	22,738
10:00pm	3,520	809	1,831	1,722	1,864	1,301	2,162	0	1,457	882	1,464	445	3,517	20,974
11:00pm	2,764	606	1,548	1,476	1,616	836	1,753	0	1,137	784	1,253	310	2,827	16,910
TOTAL	84,349	24,893	40,643	40,162	38,838	31,223	32,153	8,109	25,909	17,024	32,359	13,549	61,630	450,841

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
BROOKLYN, QUEENS, and NEW JERSEY SECTORS, 2013-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	2,367	1,958	487	4,812	1,353	2,167	3,520	802	763	1,565	9,897
1:00am	0	1,561	1,411	204	3,176	599	1,458	2,057	501	499	1,000	6,233
2:00am	0	1,105	1,061	97	2,263	277	1,289	1,566	357	510	867	4,696
3:00am	0	1,174	1,087	56	2,317	154	1,667	1,821	455	599	1,054	5,192
4:00am	0	1,880	1,784	90	3,754	167	2,888	3,055	824	1,089	1,913	8,722
5:00am	0	3,342	3,503	189	7,034	394	5,279	5,673	2,658	3,577	6,235	18,942
6:00am	3,811	2,941	4,226	892	11,870	1,168	7,143	8,311	3,499	6,171	9,670	29,851
7:00am	3,940	3,418	3,911	2,202	13,471	2,987	6,915	9,902	3,227	4,997	8,224	31,597
8:00am	4,092	3,226	3,704	3,197	14,219	4,839	6,147	10,986	3,449	4,585	8,034	33,239
9:00am	3,819	2,701	3,434	3,442	13,396	5,529	4,581	10,110	3,124	4,441	7,565	31,071
10:00am	3,421	3,132	3,277	3,093	12,923	5,200	4,410	9,610	2,743	3,411	6,154	28,687
11:00am	3,027	2,822	3,180	2,514	11,543	3,566	4,338	7,904	2,371	3,265	5,636	25,083
12:00pm	3,227	2,774	3,130	1,808	10,939	3,621	4,290	7,911	2,322	3,150	5,472	24,322
1:00pm	3,269	2,939	3,200	1,571	10,979	3,047	4,662	7,709	2,348	2,967	5,315	24,003
2:00pm	3,432	3,387	3,420	1,263	11,502	3,329	5,043	8,372	2,607	2,830	5,437	25,311
3:00pm	3,580	1,757	3,274	1,464	10,075	3,420	5,060	8,480	2,727	2,733	5,460	24,015
4:00pm	3,625	1,671	3,246	1,688	10,230	3,901	4,901	8,802	3,257	1,983	5,240	24,272
5:00pm	3,820	1,805	3,523	1,773	10,921	4,160	5,111	9,271	3,423	1,872	5,295	25,487
6:00pm	3,364	1,788	3,424	2,050	10,626	4,364	4,774	9,138	3,242	2,114	5,356	25,120
7:00pm	3,222	1,765	3,088	1,872	9,947	3,886	4,222	8,108	2,462	2,477	4,939	22,994
8:00pm	3,240	1,734	3,151	1,189	9,314	2,928	3,757	6,685	2,004	2,214	4,218	20,217
9:00pm	3,183	1,901	3,098	790	8,972	2,198	3,672	5,870	1,832	2,037	3,869	18,711
10:00pm	2,169	2,997	3,208	592	8,966	1,947	3,634	5,581	1,925	1,733	3,658	18,205
11:00pm	0	3,865	2,998	617	7,480	1,660	3,095	4,755	1,357	1,499	2,856	15,091
TOTAL	58,241	58,052	71,296	33,140	220,729	64,694	100,503	165,197	53,516	61,516	115,032	500,958

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
BROOKLYN, QUEENS, and NEW JERSEY SECTORS, 2013-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	1,861	2,665	3,060	1,139	8,725	2,010	4,712	6,722	1,172	1,823	2,995	18,442
1:00am	1,265	1,695	1,927	784	5,671	1,080	2,996	4,076	728	1,032	1,760	11,507
2:00am	769	1,184	1,313	329	3,595	572	2,178	2,750	520	640	1,160	7,505
3:00am	539	910	1,023	154	2,626	377	1,828	2,205	572	525	1,097	5,928
4:00am	703	983	1,200	95	2,981	299	2,388	2,687	896	719	1,615	7,283
5:00am	1,042	1,656	1,800	92	4,590	564	3,315	3,879	1,622	1,074	2,696	11,165
6:00am	2,831	2,162	2,804	164	7,961	1,224	4,696	5,920	2,432	1,673	4,105	17,986
7:00am	3,546	2,358	3,092	452	9,448	1,992	4,618	6,610	3,046	2,069	5,115	21,173
8:00am	3,658	2,514	3,169	709	10,050	2,125	3,785	5,910	2,757	1,871	4,628	20,588
9:00am	3,526	2,220	2,883	764	9,393	1,980	4,175	6,155	2,399	1,814	4,213	19,761
10:00am	3,363	1,531	2,922	908	8,724	2,014	3,862	5,876	2,143	2,203	4,346	18,946
11:00am	3,260	1,682	3,065	945	8,952	2,270	4,244	6,514	2,263	2,786	5,049	20,515
12:00pm	3,307	1,715	3,214	985	9,221	2,703	4,498	7,201	2,326	3,172	5,498	21,920
1:00pm	3,284	1,869	3,223	1,268	9,644	3,273	4,740	8,013	2,601	3,872	6,473	24,130
2:00pm	3,677	2,077	3,575	1,357	10,686	3,581	5,388	8,969	3,091	4,787	7,878	27,533
3:00pm	3,981	3,435	3,917	1,750	13,083	4,222	6,389	10,611	3,143	6,207	9,350	33,044
4:00pm	4,179	4,113	4,727	2,166	15,185	4,558	5,907	10,465	3,140	5,818	8,958	34,608
5:00pm	4,279	3,899	4,507	2,560	15,245	4,726	5,710	10,436	2,496	5,316	7,812	33,493
6:00pm	4,479	3,963	4,268	2,603	15,313	4,675	5,051	9,726	2,660	5,532	8,192	33,231
7:00pm	4,154	3,844	4,049	2,529	14,576	4,456	5,559	10,015	2,644	4,222	6,866	31,457
8:00pm	4,206	3,408	4,043	2,210	13,867	3,929	5,516	9,445	2,588	4,121	6,709	30,021
9:00pm	4,156	3,215	3,882	1,714	12,967	3,467	5,149	8,616	2,672	4,232	6,904	28,487
10:00pm	3,547	3,367	3,775	1,397	12,086	3,388	5,259	8,647	2,358	4,098	6,456	27,189
11:00pm	1,870	3,733	3,783	1,148	10,534	2,957	5,454	8,411	1,912	2,386	4,298	23,243
TOTAL	71,482	60,198	75,221	28,222	235,123	62,442	107,417	169,859	52,181	71,992	124,173	529,155

SECTION E

AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY SECTOR, SUMMARY- 2013

INBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	7,537	3,915	2,823	1,214	15,489
1:00am	4,204	2,576	1,669	775	9,224
2:00am	2,977	1,832	1,288	665	6,762
3:00am	2,775	1,873	1,515	810	6,973
4:00am	3,976	3,034	2,551	1,470	11,031
5:00am	7,988	5,686	4,728	4,790	23,192
6:00am	14,949	9,868	7,257	7,774	39,848
7:00am	18,992	11,462	8,435	6,545	45,434
8:00am	20,232	12,003	9,020	6,202	47,457
9:00am	19,028	11,307	8,031	6,064	44,430
10:00am	17,013	10,780	7,626	5,023	40,442
11:00am	16,042	9,684	6,348	4,592	36,666
12:00pm	15,731	9,050	6,280	4,251	35,312
1:00pm	15,596	9,064	6,059	4,129	34,848
2:00pm	16,223	9,287	6,528	4,138	36,176
3:00pm	17,311	8,567	6,653	4,239	36,770
4:00pm	16,883	8,680	6,660	3,971	36,194
5:00pm	17,281	9,118	7,130	3,930	37,459
6:00pm	18,072	9,229	6,937	4,125	38,363
7:00pm	18,153	8,640	6,330	3,509	36,632
8:00pm	16,261	7,824	5,326	3,259	32,670
9:00pm	14,924	7,516	4,714	2,989	30,143
10:00pm	14,612	7,426	4,496	2,843	29,377
11:00pm	12,636	6,076	3,831	2,206	24,749
TOTAL	329,396	184,497	132,235	89,513	735,641

OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	7,860	6,476	5,067	2,277	21,680
1:00am	4,666	4,213	3,094	1,344	13,317
2:00am	3,221	2,647	2,111	892	8,871
3:00am	2,978	1,923	1,705	855	7,461
4:00am	4,046	2,175	2,103	1,265	9,589
5:00am	7,159	3,333	3,016	2,131	15,639
6:00am	13,353	5,600	4,048	3,304	26,305
7:00am	18,078	6,721	4,414	3,996	33,209
8:00am	18,217	7,169	4,066	3,571	33,023
9:00am	17,240	6,726	4,400	3,227	31,593
10:00am	16,408	6,413	4,467	3,319	30,607
11:00am	15,808	6,605	5,025	3,899	31,337
12:00pm	16,115	6,835	5,563	4,194	32,707
1:00pm	16,504	7,364	6,252	4,971	35,091
2:00pm	18,119	8,127	6,896	5,808	38,950
3:00pm	19,129	10,316	8,094	6,995	44,534
4:00pm	18,623	11,439	7,949	6,950	44,961
5:00pm	19,132	11,422	7,801	6,049	44,404
6:00pm	20,213	11,361	7,160	6,198	44,932
7:00pm	19,054	10,890	7,358	5,329	42,631
8:00pm	17,594	10,344	6,948	5,095	39,981
9:00pm	17,208	9,626	6,356	5,244	38,434
10:00pm	15,877	8,935	6,393	4,884	36,089
11:00pm	12,829	7,767	6,271	3,300	30,167
TOTAL	339,431	174,427	126,557	95,097	735,512

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY
60TH STREET SECTOR, 2013-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	1,431	439	1,607	781	330	734	-	483	750	269	713	7,537
1:00am	736	204	963	459	149	386	-	291	463	155	398	4,204
2:00am	490	151	778	325	86	241	-	211	295	91	309	2,977
3:00am	450	156	794	297	70	229	-	155	252	77	295	2,775
4:00am	799	265	1,071	371	86	335	-	156	270	104	519	3,976
5:00am	2,079	581	1,501	593	135	654	-	233	407	180	1,625	7,988
6:00am	3,976	762	1,887	979	373	1267	-	497	718	397	4,093	14,949
7:00am	4,966	742	1,958	1316	1,144	1655	-	922	990	709	4,590	18,992
8:00am	5,220	739	1,915	1325	1,490	1406	915	1021	1,152	862	4,187	20,232
9:00am	4,894	734	1,869	1196	1,373	1268	877	989	1,121	777	3,930	19,028
10:00am	4,269	828	1,861	1093	1,271	1338	53	1,001	1,072	746	3,481	17,013
11:00am	4,024	897	1,906	1028	1,187	1227	-	943	1,050	734	3,046	16,042
12:00pm	4,037	928	1,931	1064	1,108	1167	-	964	1,056	732	2,744	15,731
1:00pm	3,991	933	2,026	1072	1,093	1131	-	913	1,093	747	2,597	15,596
2:00pm	4,178	942	2,145	1181	1,063	1129	-	870	1,101	811	2,803	16,223
3:00pm	4,645	1050	2,241	1229	1,033	1110	-	860	1,136	832	3,175	17,311
4:00pm	4,649	929	1,958	1208	964	1058	-	831	1,093	787	3,406	16,883
5:00pm	4,668	911	1,996	1240	1,029	1111	-	944	1,136	777	3,469	17,281
6:00pm	4,737	929	2,120	1270	1,243	1188	-	1,029	1,302	916	3,338	18,072
7:00pm	4,442	954	2,227	1435	1,163	1463	-	1,107	1,446	950	2,966	18,153
8:00pm	3,906	932	2,315	1459	1,087	1377	-	921	1,255	902	2,107	16,261
9:00pm	3,295	805	2,255	1444	1,005	1347	-	910	1,189	785	1,889	14,924
10:00pm	3,065	733	2,345	1500	1,006	1445	-	917	1,237	693	1,671	14,612
11:00pm	2,586	682	2,255	1273	757	1280	-	784	1,129	591	1,299	12,636
TOTAL	81,533	17,226	43,924	25,138	20,245	25,546	1,845	17,952	22,713	14,624	58,650	329,396

Note: Volumes for the four East River bridges, and for the 60th Street screenline, are provided by the New York City Department of Transportation (NYC DOT). These volumes are obtained using Automatic Traffic Recorders (ATRs), which record each vehicle as it passes over a pneumatic tube. A total of 40 ATRs are deployed simultaneously during the two-week counting period in October. All ATR machines and tubes are maintained daily. Nevertheless, it is not possible to obtain valid data from all 40 ATRs for any specific continuous 24-hour period. This is due to a number of factors, notably vehicles parked on pneumatic tubes, breakage of pneumatic tubes, ATR damage and battery depletion, unusual circumstances disrupting traffic flow (accidents, fires, police actions, etc.). As a result, it is necessary to use the average of valid data from each individual ATR to develop representative traffic counts at all locations. The Hub Bound report data reported for other facilities is generally collected on a typical fall day (i.e., October 9, 2013). 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, 2013-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	1,557	255	828	759	687	249	734	-	351	423	504	104	1,409	7,860
1:00am	824	142	563	457	506	123	399	-	201	283	308	62	798	4,666
2:00am	499	94	413	386	366	68	263	-	138	190	230	43	531	3,221
3:00am	454	97	437	519	332	57	188	-	109	138	208	44	395	2,978
4:00am	653	162	493	1,017	425	71	233	-	115	115	247	62	453	4,046
5:00am	1,443	323	707	2,077	548	143	359	-	199	154	443	154	609	7,159
6:00am	3,359	752	1,447	2,084	1,186	465	750	-	380	309	835	401	1,385	13,353
7:00am	4,190	1,081	1,830	1,950	1,473	1,169	1,114	207	658	564	1,124	547	2,171	18,078
8:00am	3,860	1,156	1,790	1,789	1,357	1,347	1,090	287	736	662	1,229	530	2,384	18,217
9:00am	3,408	1,090	1,793	1,705	1,511	1,214	989	321	764	637	1,198	631	1,979	17,240
10:00am	3,328	906	1,585	1,507	1,470	1,178	865	297	771	640	1,198	595	2,068	16,408
11:00am	3,137	858	1,543	1,447	1,264	1,122	840	270	692	587	1,213	565	2,270	15,808
12:00pm	3,197	831	1,642	1,473	1,287	1,101	872	331	691	589	1,172	524	2,405	16,115
1:00pm	3,233	926	1,620	1,588	1,275	1,124	864	332	710	606	1,207	434	2,585	16,504
2:00pm	3,702	1,039	1,700	1,670	1,308	1,254	931	367	733	616	1,223	497	3,079	18,119
3:00pm	4,107	1,087	1,612	1,624	1,216	1,225	949	485	753	653	1,420	573	3,425	19,129
4:00pm	3,933	1,032	1,577	1,560	1,055	1,182	1,020	538	743	615	1,363	547	3,458	18,623
5:00pm	3,981	1,002	1,687	1,593	1,065	1,296	1,096	571	859	654	1,476	702	3,150	19,132
6:00pm	3,864	1,035	1,820	1,414	1,388	1,378	1,298	525	922	814	1,683	729	3,343	20,213
7:00pm	3,762	851	1,752	1,396	1,421	1,300	1,461	-	939	923	1,499	493	3,257	19,054
8:00pm	3,608	731	1,637	1,344	1,430	1,045	1,498	-	827	768	1,284	325	3,097	17,594
9:00pm	3,346	631	1,598	1,355	1,487	973	1,483	-	843	693	1,263	346	3,190	17,208
10:00pm	2,862	554	1,477	1,423	1,268	856	1,491	-	828	668	1,109	309	3,032	15,877
11:00pm	2,247	415	1,248	1,220	1,099	550	1,209	-	646	594	949	215	2,437	12,829
TOTAL	68,554	17,050	32,799	33,357	26,424	20,490	21,996	4,531	14,608	12,895	24,385	9,432	52,910	339,431

Note: Volumes for the four East River bridges, and for the 60th Street screenline, are provided by the New York City Department of Transportation (NYC DOT). These volumes are obtained using Automatic Traffic Recorders (ATRs), which record each vehicle as it passes over a pneumatic tube. A total of 40 ATRs are deployed simultaneously during the two-week counting period in October. All ATR machines and tubes are maintained daily. Nevertheless, it is not possible to obtain valid data from all 40 ATRs for any specific continuous 24-hour period. This is due to a number of factors, notably vehicles parked on pneumatic tubes, breakage of pneumatic tubes, ATR damage and battery depletion, unusual circumstances disrupting traffic flow (accidents, fires, police actions, etc.). As a result, it is necessary to use the average of valid data from each individual ATR to develop representative traffic counts at all locations. The Hub Bound report data reported for other facilities is generally collected on a typical fall day (i.e., October 9, 2013). 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, 2013-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	1,909	1,579	427	3,915	1,002	1,821	2,823	657	557	1,214	7,952
1:00am	0	1,259	1,138	179	2,576	444	1,225	1,669	411	364	775	5,020
2:00am	0	891	856	85	1,832	205	1,083	1,288	293	372	665	3,785
3:00am	0	947	877	49	1,873	114	1,401	1,515	373	437	810	4,198
4:00am	0	1,516	1,439	79	3,034	124	2,427	2,551	675	795	1,470	7,055
5:00am	0	2,695	2,825	166	5,686	292	4,436	4,728	2,179	2,611	4,790	15,204
6:00am	3,280	2,310	3,475	803	9,868	1,040	6,217	7,257	3,067	4,707	7,774	24,899
7:00am	3,518	2,745	3,203	1,996	11,462	2,438	5,997	8,435	2,751	3,794	6,545	26,442
8:00am	3,468	2,627	2,999	2,909	12,003	3,725	5,295	9,020	2,853	3,349	6,202	27,225
9:00am	3,289	2,194	2,723	3,101	11,307	4,132	3,899	8,031	2,679	3,385	6,064	25,402
10:00am	2,909	2,542	2,609	2,720	10,780	3,889	3,737	7,626	2,261	2,762	5,023	23,429
11:00am	2,757	2,285	2,448	2,194	9,684	2,724	3,624	6,348	1,961	2,631	4,592	20,624
12:00pm	2,763	2,252	2,472	1,563	9,050	2,696	3,584	6,280	1,879	2,372	4,251	19,581
1:00pm	2,828	2,349	2,540	1,347	9,064	2,219	3,840	6,059	1,918	2,211	4,129	19,252
2:00pm	2,938	2,552	2,697	1,100	9,287	2,381	4,147	6,528	2,004	2,134	4,138	19,953
3:00pm	3,108	1,456	2,679	1,324	8,567	2,464	4,189	6,653	2,189	2,050	4,239	19,459
4:00pm	3,098	1,410	2,672	1,500	8,680	2,606	4,054	6,660	2,620	1,351	3,971	19,311
5:00pm	3,207	1,475	2,890	1,546	9,118	2,871	4,259	7,130	2,695	1,235	3,930	20,178
6:00pm	3,183	1,425	2,870	1,751	9,229	3,037	3,900	6,937	2,600	1,525	4,125	20,291
7:00pm	3,014	1,428	2,630	1,568	8,640	2,881	3,449	6,330	1,992	1,517	3,509	18,479
8:00pm	2,842	1,398	2,541	1,043	7,824	2,169	3,157	5,326	1,643	1,616	3,259	16,409
9:00pm	2,792	1,533	2,498	693	7,516	1,628	3,086	4,714	1,502	1,487	2,989	15,219
10:00pm	1,903	2,417	2,587	519	7,426	1,442	3,054	4,496	1,578	1,265	2,843	14,765
11:00pm	0	3,117	2,418	541	6,076	1,230	2,601	3,831	1,112	1,094	2,206	12,113
TOTAL	50,897	46,732	57,665	29,203	184,497	47,753	84,482	132,235	43,892	45,621	89,513	406,245

Note: Volumes for the four East River bridges, and for the 60th Street screenline, are provided by the New York City Department of Transportation (NYC DOT). These volumes are obtained using Automatic Traffic Recorders (ATRs), which record each vehicle as it passes over a pneumatic tube. A total of 40 ATRs are deployed simultaneously during the two-week counting period in October. All ATR machines and tubes are maintained daily. Nevertheless, it is not possible to obtain valid data from all 40 ATRs for any specific continuous 24-hour period. This is due to a number of factors, notably vehicles parked on pneumatic tubes, breakage of pneumatic tubes, ATR damage and battery depletion, unusual circumstances disrupting traffic flow (accidents, fires, police actions, etc.). As a result, it is necessary to use the average of valid data from each individual ATR to develop representative traffic counts at all locations. The Hub Bound report data reported for other facilities is generally collected on a typical fall day (i.e., October 9, 2013). 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, 2013-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	1,339	1,801	2,354	982	6,476	1,297	3,770	5,067	993	1,284	2,277	13,820
1:00am	910	1,145	1,482	676	4,213	697	2,397	3,094	617	727	1,344	8,651
2:00am	553	800	1,010	284	2,647	369	1,742	2,111	441	451	892	5,650
3:00am	388	615	787	133	1,923	243	1,462	1,705	485	370	855	4,483
4:00am	506	664	923	82	2,175	193	1,910	2,103	759	506	1,265	5,543
5:00am	750	1,119	1,385	79	3,333	364	2,652	3,016	1,375	756	2,131	8,480
6:00am	1,980	1,475	1,994	151	5,600	805	3,243	4,048	2,115	1,189	3,304	12,952
7:00am	2,454	1,643	2,210	414	6,721	1,264	3,150	4,414	2,560	1,436	3,996	15,131
8:00am	2,533	1,730	2,273	633	7,169	1,335	2,731	4,066	2,315	1,256	3,571	14,806
9:00am	2,402	1,497	2,163	664	6,726	1,247	3,153	4,400	1,970	1,257	3,227	14,353
10:00am	2,358	1,017	2,272	766	6,413	1,275	3,192	4,467	1,818	1,501	3,319	14,199
11:00am	2,317	1,132	2,369	787	6,605	1,509	3,516	5,025	1,929	1,970	3,899	15,529
12:00pm	2,352	1,149	2,527	807	6,835	1,735	3,828	5,563	1,988	2,206	4,194	16,592
1:00pm	2,460	1,257	2,593	1,054	7,364	2,155	4,097	6,252	2,246	2,725	4,971	18,587
2:00pm	2,726	1,373	2,881	1,147	8,127	2,376	4,520	6,896	2,606	3,202	5,808	20,831
3:00pm	2,993	2,455	3,362	1,506	10,316	2,796	5,298	8,094	2,621	4,374	6,995	25,405
4:00pm	3,075	2,770	3,687	1,907	11,439	2,870	5,079	7,949	2,650	4,300	6,950	26,338
5:00pm	3,149	2,676	3,422	2,175	11,422	3,051	4,750	7,801	2,108	3,941	6,049	25,272
6:00pm	3,323	2,597	3,246	2,195	11,361	2,972	4,188	7,160	2,198	4,000	6,198	24,719
7:00pm	3,164	2,456	3,103	2,167	10,890	2,813	4,545	7,358	2,254	3,075	5,329	23,577
8:00pm	3,026	2,303	3,110	1,905	10,344	2,535	4,413	6,948	2,193	2,902	5,095	22,387
9:00pm	2,990	2,172	2,986	1,478	9,626	2,237	4,119	6,356	2,264	2,980	5,244	21,226
10:00pm	2,552	2,275	2,904	1,204	8,935	2,186	4,207	6,393	1,998	2,886	4,884	20,212
11:00pm	1,345	2,522	2,910	990	7,767	1,908	4,363	6,271	1,620	1,680	3,300	17,338
TOTAL	51,645	40,643	57,953	24,186	174,427	40,232	86,325	126,557	44,123	50,974	95,097	396,081

Note: Volumes for the four East River bridges, and for the 60th Street screenline, are provided by the New York City Department of Transportation (NYC DOT). These volumes are obtained using Automatic Traffic Recorders (ATRs), which record each vehicle as it passes over a pneumatic tube. A total of 40 ATRs are deployed simultaneously during the two-week counting period in October. All ATR machines and tubes are maintained daily. Nevertheless, it is not possible to obtain valid data from all 40 ATRs for any specific continuous 24-hour period. This is due to a number of factors, notably vehicles parked on pneumatic tubes, breakage of pneumatic tubes, ATR damage and battery depletion, unusual circumstances disrupting traffic flow (accidents, fires, police actions, etc.). As a result, it is necessary to use the average of valid data from each individual ATR to develop representative traffic counts at all locations. The Hub Bound report data reported for other facilities is generally collected on a typical fall day (i.e., October 9, 2013). Thus, there may be some variation in this report and the reports produced by NYC DOT.

SECTION F FERRY AND TRAMWAY PASSENGERS BY FACILITY 2013-INBOUND

HOURS	BROOKLYN FERRY	NEW JERSEY FERRY	STATEN ISLAND FERRY	TOTAL FERRIES	ROOSEVEL ISLAND TRAMWAY	TOTAL FERRIES and RI TRAMWAY
12:00am	0	3	99	102	20	122
1:00am	0	0	56	56	1	57
2:00am	0	0	32	32	0	32
3:00am	0	0	32	32	0	32
4:00am	0	0	90	90	0	90
5:00am	0	125	607	732	12	744
6:00am	0	1,285	2,264	3,549	84	3,633
7:00am	0	3,048	4,885	7,933	314	8,247
8:00am	0	4,606	5,521	10,127	625	10,752
9:00am	0	1,680	2,052	3,732	461	4,193
10:00am	0	598	1,607	2,205	229	2,434
11:00am	0	401	1,831	2,232	185	2,417
12:00pm	0	392	1,897	2,289	187	2,476
1:00pm	0	336	1,916	2,252	145	2,397
2:00pm	8	289	1,708	2,005	184	2,189
3:00pm	7	277	2,787	3,071	194	3,265
4:00pm	37	350	1,838	2,225	188	2,413
5:00pm	20	665	1,507	2,192	164	2,356
6:00pm	39	531	1,094	1,664	179	1,843
7:00pm	10	211	631	852	118	970
8:00pm	15	86	638	739	67	806
9:00pm	0	32	415	447	59	506
10:00pm	0	14	389	403	59	462
11:00pm	0	1	303	304	27	331
TOTAL	136	14,930	34,199	49,265	3,502	52,767

2013-OUTBOUND

HOURS	BROOKLYN FERRY	QUEENS FERRY	NEW JERSEY FERRY	STATEN ISLAND FERRY	TOTAL FERRIES	ROOSEVEL ISLAND TRAMWAY	TOTAL FERRIES and RI TRAMWAY
12:00am	0	0	22	522	544	37	581
1:00am	0	0	0	364	364	11	375
2:00am	0	0	0	167	167	1	168
3:00am	0	0	0	77	77	0	77
4:00am	0	0	0	86	86	0	86
5:00am	0	0	0	143	143	2	145
6:00am	0	2	61	643	706	31	737
7:00am	0	8	308	488	804	77	881
8:00am	0	14	544	783	1,341	68	1,409
9:00am	0	27	352	595	974	84	1,058
10:00am	0	28	183	1,144	1,355	94	1,449
11:00am	0	28	168	1,574	1,770	145	1,915
12:00pm	0	37	241	1,751	2,029	154	2,183
1:00pm	0	33	319	1,751	2,103	154	2,257
2:00pm	73	37	299	1,960	2,369	162	2,531
3:00pm	12	53	554	2,392	3,011	245	3,256
4:00pm	33	60	1,606	3,961	5,660	236	5,896
5:00pm	16	153	3,415	4,881	8,465	441	8,906
6:00pm	36	144	3,293	3,459	6,932	521	7,453
7:00pm	7	63	1,620	2,116	3,806	427	4,233
8:00pm	0	15	555	1,330	1,900	256	2,156
9:00pm	0	0	429	1,362	1,791	215	2,006
10:00pm	0	0	234	812	1,046	134	1,180
11:00pm	0	0	106	739	845	83	928
TOTAL	177	702	14,309	33,100	48,288	3,578	51,866

SECTION G BICYCLE VOLUMES BY SECTOR SUMMARY, 2013-INBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SEC-TOR	S. I. SECTOR ABOARD FERRY	TOTAL
12:00am	-	-	-	-	-
1:00am	-	-	-	-	-
2:00am	-	-	-	-	-
3:00am	-	-	-	-	-
4:00am	-	-	-	-	-
5:00am	-	-	-	-	-
6:00am	415	196	129	6	746
7:00am	840	622	223	13	1,698
8:00am	1,479	1,432	351	3	3,265
9:00am	1,222	1,502	255	13	2,992
10:00am	800	768	233	2	1,803
11:00am	773	457	153	3	1,386
12:00pm	940	461	101	2	1,504
1:00pm	920	376	102	5	1,403
2:00pm	840	371	108	3	1,322
3:00pm	981	423	103	2	1,509
4:00pm	1,163	390	121	1	1,675
5:00pm	1,442	428	120	0	1,990
6:00pm	1,552	420	87	1	2,060
7:00pm	1,414	327	55	1	1,797
8:00pm	1,068	229	35	3	1,335
9:00pm	714	209	28	0	951
10:00pm	492	183	32	1	708
11:00pm	209	123	35	0	367
TOTAL	17,264	8,917	2,271	59	28,511

SUMMARY, 2013-OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	S. I. SECTOR ABOARD FERRY	TOTAL
12:00am	-	-	-	-	-
1:00am	-	-	-	-	-
2:00am	-	-	-	-	-
3:00am	-	-	-	-	-
4:00am	-	-	-	-	-
5:00am	-	-	-	-	-
6:00am	254	35	20	8	317
7:00am	563	98	43	8	712
8:00am	856	141	48	12	1,057
9:00am	819	150	35	14	1,018
10:00am	682	152	38	7	879
11:00am	817	176	27	3	1,023
12:00pm	1,052	210	29	6	1,297
1:00pm	1,029	195	49	7	1,280
2:00pm	845	313	71	7	1,236
3:00pm	980	397	95	8	1,480
4:00pm	1,229	519	207	12	1,967
5:00pm	1,647	1,000	243	13	2,903
6:00pm	2,147	1,572	270	14	4,003
7:00pm	1,774	1,263	206	12	3,255
8:00pm	1,158	829	167	8	2,162
9:00pm	917	592	154	3	1,666
10:00pm	679	364	167	5	1,215
11:00pm	340	241	222	3	806
TOTAL	17,788	8,247	2,091	150	28,276

SECTION G
BICYCLE VOLUMES BY FACILITY
60TH STREET SECTOR, 2013-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	3	25	-	5	15	-	16	1	21	20	2	15	3	13	82	194	415
7:00am	2	97	-	18	23	-	44	3	43	56	1	42	7	22	213	269	840
8:00am	4	195	-	44	19	-	86	5	62	84	8	96	5	35	433	403	1,479
9:00am	4	146	1	42	33	1	58	5	39	53	5	98	7	21	359	350	1,222
10:00am	3	67	2	49	25	1	67	7	48	51	3	71	8	20	157	221	800
11:00am	1	74	4	63	26	8	80	6	36	45	3	79	3	20	147	178	773
12:00pm	5	54	10	124	35	10	116	7	67	55	8	123	8	36	127	155	940
1:00pm	6	72	9	103	38	3	74	4	60	58	15	156	7	22	121	172	920
2:00pm	1	77	5	80	25	5	54	1	68	52	12	111	3	36	113	197	840
3:00pm	10	141	1	44	39	1	88	4	71	70	11	121	8	45	144	183	981
4:00pm	3	152	-	87	31	-	109	5	66	151	9	124	8	24	193	201	1,163
5:00pm	2	206	-	87	28	-	140	3	88	121	4	158	10	42	312	241	1,442
6:00pm	1	244	-	87	74	2	124	5	114	111	9	209	17	35	286	234	1,552
7:00pm	5	227	-	107	94	-	108	15	156	100	21	189	10	41	196	145	1,414
8:00pm	1	146	7	90	60	-	99	15	108	103	20	188	17	47	110	57	1,068
9:00pm	-	135	2	50	15	-	53	7	77	69	23	145	6	30	55	47	714
10:00pm	9	70	-	21	9	1	28	8	58	72	5	95	6	20	63	27	492
11:00pm	2	28	1	3	-	-	17	1	35	23	4	39	6	14	27	9	209
TOTAL	62	2,156	42	1,104	589	32	1,361	102	1,217	1,294	163	2,059	139	523	3,138	3,283	17,264

SECTION G
BICYCLE VOLUMES BY LOCATION
60TH STREET SECTOR, 2013-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	38	2	7	-	13	11	-	30	1	2	20	2	11	14	58	45	254
7:00am	129	2	27	1	20	37	-	48	1	5	76	3	14	16	105	79	563
8:00am	197	-	40	3	21	39	1	85	-	5	124	1	16	15	158	151	856
9:00am	155	-	46	-	18	41	-	84	1	3	116	3	17	18	163	154	819
10:00am	94	-	42	2	23	45	-	69	1	3	116	9	13	16	119	130	682
11:00am	60	1	72	-	33	111	2	122	-	1	126	2	17	19	117	134	817
12:00pm	83	4	142	2	53	139	1	120	2	6	159	10	24	23	109	175	1,052
1:00pm	102	3	119	1	41	127	3	95	3	-	177	8	22	32	138	158	1,029
2:00pm	105	1	57	3	25	89	-	87	-	8	125	11	15	25	120	174	845
3:00pm	133	4	43	2	10	84	2	127	2	4	141	11	37	23	153	204	980
4:00pm	149	7	33	-	6	80	-	164	2	4	159	11	59	24	277	254	1,229
5:00pm	230	2	26	-	21	72	-	221	3	11	165	3	77	20	401	395	1,647
6:00pm	263	4	67	-	30	77	-	286	5	8	261	9	107	17	517	496	2,147
7:00pm	203	20	62	7	63	93	-	271	9	13	225	15	102	21	281	389	1,774
8:00pm	118	9	71	2	52	90	-	219	6	14	156	22	100	32	143	124	1,158
9:00pm	145	6	63	3	16	30	2	177	5	9	147	27	93	13	99	82	917
10:00pm	107	5	62	1	10	35	2	100	8	7	125	21	42	18	95	41	679
11:00pm	97	1	20	-	1	12	-	43	1	1	53	15	12	18	43	23	340
TOTAL	2,408	71	999	27	456	1,212	13	2,348	50	104	2,471	183	778	364	3,096	3,208	17,788

SECTION G BICYCLE VOLUMES BY LOCATION 2013-INBOUND

HOURS	BROOKLYN				QUEENS	STATEN I.	TOTAL
	WILLIAMSBURG BRIDGE	BROOKLYN BRIDGE	MANHATTAN BRIDGE	TOTAL	QUEENSBORO BRIDGE	ABOARD FERRY	
12:00 am	-	-	-	-	-	-	-
1:00am	-	-	-	-	-	-	-
2:00am	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-
5:00am	-	-	-	-	-	-	-
6:00am	73	67	56	196	129	6	331
7:00am	232	192	198	622	223	13	858
8:00am	609	401	422	1,432	351	3	1,786
9:00am	748	336	418	1,502	255	13	1,770
10:00am	392	117	259	768	233	2	1,003
11:00am	223	86	148	457	153	3	613
12:00pm	253	84	124	461	101	2	564
1:00pm	183	71	122	376	102	5	483
2:00pm	167	82	122	371	108	3	482
3:00pm	188	82	153	423	103	2	528
4:00pm	192	77	121	390	121	1	512
5:00pm	187	89	152	428	120	0	548
6:00pm	238	63	119	420	87	1	508
7:00pm	190	35	102	327	55	1	383
8:00pm	144	25	60	229	35	3	267
9:00pm	140	25	44	209	28	0	237
10:00pm	107	26	50	183	32	1	216
11:00pm	68	17	38	123	35	0	158
TOTAL	4,334	1,875	2,708	8,917	2,271	59	11,247

2013-OUTBOUND

HOURS	BROOKLYN				QUEENS	STATEN I.	TOTAL
	WILLIAMSBURG BRIDGE	BROOKLYN BRIDGE	MANHATTAN BRIDGE	TOTAL	QUEENSBORO BRIDGE	ABOARD FERRY	
12:00 am	-	-	-	-	-	-	-
1:00am	-	-	-	-	-	-	-
2:00am	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-
5:00am	-	-	-	-	-	-	-
6:00am	15	8	12	35	20	8	63
7:00am	49	27	22	98	43	8	149
8:00am	53	41	47	141	48	12	201
9:00am	64	42	44	150	35	14	199
10:00am	57	41	54	152	38	7	197
11:00am	58	69	49	176	27	3	206
12:00pm	87	73	50	210	29	6	245
1:00pm	97	65	33	195	49	7	251
2:00pm	119	102	92	313	71	7	391
3:00pm	182	80	135	397	95	8	500
4:00pm	219	132	168	519	207	12	738
5:00pm	386	252	362	1,000	243	13	1,256
6:00pm	752	308	512	1,572	270	14	1,856
7:00pm	618	218	427	1,263	206	12	1,481
8:00pm	441	118	270	829	167	8	1,004
9:00pm	306	93	193	592	154	3	749
10:00pm	233	65	66	364	167	5	536
11:00pm	148	59	34	241	222	3	466
TOTAL	3,884	1,793	2,570	8,247	2,091	150	10,488

Appendix IV

List of Data Sources - 2013

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LIST OF DATA SOURCES

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

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

Rail Rapid Transit

This information is generated from:

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

Bus Transit

This information is generated from:

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

Suburban Rail Transit

This information is generated from:

- MTA Long Island Rail Road (MTA LIRR) - data from on-board passenger counts
- New Jersey Transit Corporation (NJ Transit) conductor on/off enumeration of passengers at Penn Station, New York
- MTA Metro-North Railroad Planning Department exit/entrance counts at Grand Central Terminal
- National Railroad Passenger Corporation (AMTRAK) train counts at Penn Station and Grand Central Terminal.

Ferry Transit

This information is generated from:

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

Aerial Tramway

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

Bicycle

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

Motor Vehicles

This information is generated from:

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