APPENDIX A: BPM 2010 CALIBRATION PARAMETERS

Household – Auto Ownership – Journey Productions (HAJ) Model

Adjustments to Productions

During the application of the HAJ modeling step, the program reads the HAJ_JFC4.txt file from the 0_SetUp\2_LUT\1_HAJ directory. This file provides constants used to adjust productions by purpose at the district level. In this file, the reference value is 1. Values above 1 increase productions, while those below 1 decrease productions. In the file, reproduced below as **Table A-1**, shows the final journey production attraction factors by purpose and NYBPM district.

Table A-1: Journey Production Adjustment Factors

BPMDist	District Name	Purp1	Purp2	Purp3	Purp4	Purp5	Purp6	Purp7	Purp8
0	Lower Manhattan	20.00	20.00	1.04	0.63	0.75	0.51	0.66	1.11
1	Valley Manhattan	9.09	0.71	19.35	0.46	0.70	0.79	2.37	0.91
2	Midtown Manhattan	0.65	1.09	1.32	1.74	0.85	1.74	3.35	0.66
3	Upper Manhattan	0.61	0.84	8.30	0.65	0.90	0.90	2.11	0.77
4	Queens	0.65	1.21	1.79	0.98	1.12	1.06	1.78	0.88
5	Bronx	1.17	1.28	0.55	1.14	0.94	1.08	1.35	0.92
6	Kings	0.88	1.18	2.47	1.16	1.26	0.93	1.79	1.10
7	Richmond	0.18	0.87	1.02	0.84	1.02	1.02	1.60	0.71
8	Nassau	0.42	0.96	1.06	0.91	1.22	0.92	1.93	0.70
9	Suffolk	0.43	1.19	1.02	0.89	1.53	1.12	2.34	0.65
10	Westchester	1.20	1.05	1.00	1.20	1.20	1.15	1.25	1.40
11	Rockland	0.48	0.92	1.58	0.88	3.11	0.80	2.41	0.64
12	Putnam	0.76	1.22	0.99	1.18	0.42	1.48	2.00	0.49
13	Orange	0.95	1.05	0.89	0.91	1.46	0.75	1.76	0.59
14	Dutchess	1.00	1.17	0.80	0.90	1.00	1.20	1.00	1.40
15	Fairfield	1.68	1.07	1.09	0.74	1.12	1.06	1.98	0.57
16	Bergen	0.69	1.12	1.08	1.06	1.44	1.14	2.05	0.80
17	Passaic	1.19	0.99	0.92	0.54	1.10	1.01	2.12	0.71
18	Hudson	3.91	1.18	1.55	1.01	0.55	0.76	1.54	0.93
19	Essex	0.94	1.08	1.03	0.89	0.60	0.94	1.90	0.83
20	Union	0.38	1.29	0.91	1.00	0.75	0.83	2.04	0.82
21	Morris	0.00	0.99	0.85	0.87	0.48	0.79	1.81	0.76
22	Somerset	0.03	1.00	0.90	0.86	1.15	0.64	1.52	0.63
23	Middlesex	0.43	1.15	0.90	1.05	1.08	0.88	1.64	0.75
24	Monmouth	0.80	0.91	0.91	0.87	0.77	0.86	2.04	0.77
25	Ocean	0.80	0.97	0.82	0.72	2.47	0.74	1.71	0.60
26	Hunterdon	0.20	0.79	0.76	0.78	0.31	0.79	1.40	0.62
27	Warren	0.52	0.83	0.24	0.91	0.69	1.24	0.97	0.54
28	Sussex	0.22	1.24	0.64	0.66	0.85	0.77	1.22	0.76
29	New Haven	0.47	1.01	0.83	0.84	1.17	0.85	1.41	0.88
30	Mercer	0.35	0.86	0.80	0.83	0.67	0.77	1.58	0.74

Mode-Destination Choice Model (MDSC)

For the Mode-Destination Choice model and its calibrated adjustment factors, there are four general types of adjustments which are applied on top of the basic mode and destination choice models developed the statistical estimation (ALOGIT).

First, the attractions may be adjusted upwards or downwards by use of a simple scaling factor that can be applied for selected zones. As part of the calibration of the Destination Choice model, distance scaling factors were used to improve to overall match of the model trip length distribution with the RT-HIS survey data estimates. Additionally, county to county k-factors were applied for the current NYBPM calibration. Finally, mode specific constants were applied to specific corridors to try to capture the observed modal shares by purpose. Of the three types of adjustment factors, the modal share factors will require the most explanation.

Adjustments to Attractions

NYBPM attractions may be adjusted upwards or downwards by use of a simple scaling factor that can be applied for selected zones, by tour purpose. While the adjustment can be made at the individual zonal level, in the current NYBPM calibration all adjustments were applied at the district level.

The following **Table A-2** represents the adjustments made by district for each travel purpose for the current NYBPM Base Year 2010 calibration.

Table A-2: Correction Factors for Attractions - District Level

BPMDist	District Name	Purp1	Purp2	Purp3	Purp4	Purp5	Purp6	Purp7	Purp8
0	Lower Manhattan	0.74	0.74	1.05	1.71	7.59	1.02	0.82	1.45
1	Valley Manhattan	0.81	0.81	0.97	0.81	1.30	0.87	0.88	1.39
2	Midtown Manhattan	0.72	0.72	1.25	1.12	1.82	0.68	0.87	1.41
3	Upper Manhattan	0.87	0.87	0.74	1.82	1.33	1.05	0.85	0.97
4	Queens	1.11	1.11	1.05	1.02	1.35	1.04	0.93	0.62
5	Bronx	1.16	1.16	0.80	0.79	0.99	1.11	0.86	0.59
6	Kings	1.04	1.04	0.82	0.78	1.72	1.10	1.29	0.93
7	Richmond	1.09	1.09	0.93	0.49	0.74	0.89	0.84	0.72
8	Nassau	1.03	1.03	1.06	0.93	1.41	1.65	1.33	0.79
9	Suffolk	1.22	1.22	1.00	1.13	1.27	0.96	1.07	0.89
10	Westchester	0.94	0.94	1.07	1.30	0.50	1.02	1.02	0.90
11	Rockland	1.11	1.11	0.95	0.79	2.54	0.88	0.89	1.12
12	Putnam	0.87	0.87	1.95	1.03	0.15	0.92	0.86	0.49
13	Orange	1.02	1.02	0.69	0.65	1.17	0.89	1.18	1.09
14	Dutchess	1.02	1.02	1.35	0.68	0.63	1.00	0.96	0.70
15	Fairfield	1.03	1.03	1.12	0.84	1.08	0.98	0.97	0.61
16	Bergen	1.05	1.05	1.11	1.05	1.72	1.14	0.98	0.93
17	Passaic	1.28	1.28	0.58	0.68	2.52	1.21	1.45	0.80
18	Hudson	1.11	1.11	1.16	0.72	0.63	0.56	0.74	0.64
19	Essex	1.05	1.05	0.82	1.26	0.69	0.92	1.04	0.92

BPMDist	District Name	Purp1	Purp2	Purp3	Purp4	Purp5	Purp6	Purp7	Purp8
20	Union	1.09	1.09	0.84	1.40	1.34	0.68	0.89	0.93
21	Morris	1.04	1.04	1.37	1.31	0.95	1.17	1.72	1.15
22	Somerset	1.15	1.15	1.64	1.23	1.44	1.52	1.00	1.15
23	Middlesex	1.14	1.14	0.76	1.52	1.96	0.80	0.95	0.85
24	Monmouth	0.96	0.96	1.01	1.25	0.84	1.15	1.18	1.10
25	Ocean	1.16	1.16	1.36	1.10	3.54	0.77	1.10	0.95
26	Hunterdon	0.76	0.76	2.33	1.23	0.27	1.03	1.38	0.89
27	Warren	0.79	0.79	0.62	1.28	0.44	0.90	0.56	1.32
28	Sussex	1.02	1.02	0.91	1.03	1.06	0.66	1.49	2.22
29	New Haven	1.21	1.21	0.80	1.19	0.83	0.91	0.93	1.52
30	Mercer	1.01	1.01	1.15	1.08	0.50	1.28	0.83	1.32

Distance Adjustments

Distance scaling factors can be applied as part of the NYBPM Destination Choice model in order to more closely match observed tour length distributions. Without any distance scaling, model trip lengths were generally longer than found in the RT-HIS data used for calibration. For the 2010 Update, as was done for the 2005 calibration, distance factors were taken from 2002 calibration and were applied by county (1-28) of tour origin. Each purpose has a different set of distance factors that are a component of the utility expression for any Origin-Destination zonal interchange. These factors consist of a linear component and a non-linear component. The linear component tends to shorten all tour distances, but has the greatest impact for tours under 5 miles. The base value is 0, and all values developed in calibration are slightly less than 0 (it would be possible to increase tour distances as well). The largest linear distance adjustments are applied to purposes 3 (high income work), 4 (school) and 6 (maintenance).

The second component is a non-linear component that shortens the "tail" of the trip length distributions and generally has the greatest impact on tours longer than 20 miles. For this component, a value of 1 is the reference value. Values larger than 1 tend to shorten the tail end of the distribution. In general, the non-linear component in the NYBPM calibration varies more by county than does the linear component, which often has the same value for all counties. The purpose with the highest non-linear adjustment factors is purpose 1 (low income work). **Table A-3** summarizes the values of the distance adjustment factors for all purposes.

Table A-3: Summary of Distance Factor Adjustments for All Purposes

	Purpose 1		Purpose 2		Purpose 3		Purpose 4		Purpose 5		Purpose 6		Purpose 7		Purpose 8	
BPMCo	**Dist_Lin**	**Dist_Nlin**	**Dist_Lin**	**Dist_Nlin**	**Dist_Lin**	**Dist_Nlin**	**Dist_Lin**	**Dist_Nlin**	**Dist_Lin**	**Dist_Nlin**	**Dist_Lin**	**Dist_Nlin**	**Dist_Lin**	**Dist_Nlin**	**Dist_Lin**	**Dist_Nlin**
1	0	1	-0.01	1	-0.01	1	-0.04	1.4	-0.015	1.75	-0.04	1.1	-0.02	1.1	-0.02	1.1
2	-0.01	1.25	-0.01	1	-0.01	1	-0.04	1.4	-0.015	1.5	-0.05	1.1	-0.02	1.1	-0.02	1.1
3	-0.02	1.5	-0.03	1.1	-0.04	1.1	-0.04	1.4	-0.015	1.75	-0.04	1.1	-0.02	1.1	-0.02	1.1
4	-0.01	1.25	-0.01	1	-0.01	1	-0.04	1.4	-0.015	1.5	-0.04	1.1	-0.02	1.1	-0.02	1.1
5	-0.02	2	-0.04	1.25	-0.06	1.25	-0.04	1.4	-0.015	1.75	-0.06	1.5	-0.05	1.4	-0.02	1.1
6	-0.02	2	-0.04	1.2	-0.06	1.2	-0.04	1.4	-0.01	1.25	-0.05	1.1	-0.03	1.1	-0.02	1.1
7	-0.02	2	-0.045	1.25	-0.065	1.25	-0.04	1.4	-0.015	1.5	-0.05	1.2	-0.03	1.2	-0.02	1.1
8	-0.035	2	-0.055	1.25	-0.07	1.25	-0.04	1.4	-0.015	1.75	-0.06	1.5	-0.05	1.5	-0.02	1.1
9	-0.04	2	-0.055	1.25	-0.075	1.25	-0.04	1.4	-0.015	1.75	-0.07	1.5	-0.06	1.5	-0.02	1.3
10	-0.04	2	-0.055	1.25	-0.075	1.25	-0.04	1.4	-0.015	1.75	-0.07	1.5	-0.06	1.5	-0.02	1.3
11	-0.025	2	-0.055	1.1	-0.06	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.3	-0.04	1.3	-0.02	1.1
12	-0.025	2	-0.055	1.1	-0.06	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.3	-0.04	1.3	-0.02	1.1
13	-0.04	2	-0.055	1.25	-0.075	1.25	-0.04	1.4	-0.015	1.75	-0.07	1.5	-0.06	1.5	-0.02	1.3
14	-0.025	1.75	-0.05	1.1	-0.055	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.2	-0.04	1.2	-0.02	1.1
15	-0.025	1.75	-0.05	1.1	-0.055	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.2	-0.04	1.2	-0.02	1.1
16	-0.025	1.75	-0.05	1.1	-0.055	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.2	-0.04	1.2	-0.02	1.1
17	-0.025	1.75	-0.05	1.1	-0.055	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.2	-0.04	1.2	-0.02	1.1
18	-0.025	1.75	-0.05	1.1	-0.055	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.2	-0.04	1.2	-0.02	1.1
19	-0.025	1.75	-0.05	1.1	-0.055	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.2	-0.04	1.2	-0.02	1.1
20	-0.025	1.75	-0.05	1.1	-0.055	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.2	-0.04	1.2	-0.02	1.1
21	-0.025	1.75	-0.05	1.1	-0.055	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.2	-0.04	1.2	-0.02	1.1
22	-0.025	1.75	-0.05	1.1	-0.055	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.2	-0.04	1.2	-0.02	1.1
23	-0.025	1.75	-0.05	1.1	-0.055	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.2	-0.04	1.2	-0.02	1.1
24	-0.025	1.75	-0.05	1.1	-0.055	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.2	-0.04	1.2	-0.02	1.1
25	-0.025	1.75	-0.05	1.1	-0.055	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.2	-0.04	1.2	-0.02	1.1
26	-0.025	1.75	-0.05	1.1	-0.055	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.2	-0.04	1.2	-0.02	1.1
27	-0.04	2	-0.055	1.25	-0.055	1.25	-0.04	1.4	-0.015	1.75	-0.07	1.5	-0.06	1.5	-0.02	1.3
28	-0.025	1.75	-0.05	1.1	-0.055	1.1	-0.04	1.4	-0.015	1.75	-0.06	1.2	-0.04	1.2	-0.02	1.1

County-to-County Adjustments

For the origin-destination county-to-county constants that are part of the utility expressions in the Destination Choice model, zero is the reference value. Positive numbers increase the utility of a targeted origin-destination interchange, and the probability of selection of a destination in that district, while negative values add disutility to the destination choice. With or without the county-to-county constants, in the NYBPM Destination Choice model, origin productions are constrained for all purposes and remain unchanged. For Work, School and University tours (Purposes 1-3, 4 and 5) destinations attractions are also fully constrained to attractions, while for Maintenance, Discretionary, and At-Work tours (Purposes 5, 6 and 8) a "relaxed" constraint is applied. Consequently, the origin-destination distribution pattern resulting from the NYBPM Destination choice model will reflect a matrix balancing that affects the interchanges for which no county-to-county constant is applied.

The destination choice calibration constants in the NYBPM are specified for district-to-district pairs. The calibration was carried out manually by running multiple iterations of MDSC model.

A full set of the tables of district-to-district constants as developed for the current 2010 NYBPM calibration are found in **Tables A-4-1 – A-4-8.**

Table A-4-1: County-To-County Factors - Purpose 1: Work / Low Income

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	2.6	-2.1	-2.1	1.8	-1.0	-0.3	-1.7	-0.3	-4.1	-4.1	3.1	-2.7	1.5	-1.3	1.5	-2.8	-2.9	-3.3	-2.6	-3.5	-3.0	-3.8	-4.2	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-2.8	-3.8
1	Valley Mn	-1.8	1.9	-2.4	6.3	-4.4	3.3	-5.7	-0.8	-5.5	-4.1	1.6	-2.8	3.0	-2.8	2.3	-3.5	-3.7	-3.3	-2.5	-3.4	-2.7	-3.8	-3.8	-3.5	-3.8	-3.8	-3.8	-3.8	-3.8	-3.5	-3.8
2	Midtown Mn	-2.2	-1.6	-2.0	12.2	-6.6	-1.4	-3.8	-0.8	-6.6	-4.1	1.6	-3.5	3.0	-2.0	3.0	-2.8	-4.6	-4.2	-3.0	-3.9	-3.6	-4.7	-4.7	-4.4	-4.7	-4.7	-4.7	-4.7	-4.7	-2.8	-4.7
3	Upper Mn	-3.4	0.2	-1.1	7.4	-0.2	-5.0	-3.4	-0.9	-9.8	-5.8	-3.5	-5.5	-3.5	-5.5	-2.8	-2.8	-8.4	-8.5	-6.2	-7.7	-6.6	-7.3	-6.5	-6.3	-6.5	-6.5	-6.5	-6.5	-6.5	-2.8	-6.5
4	Queens	-2.4	-0.7	-3.4	6.6	0.1	1.0	0.7	-1.7	-4.9	-7.6	-1.9	-2.2	-4.7	-5.2	-4.7	-0.9	-4.0	-3.4	-0.9	-2.7	-1.3	-2.5	-2.5	-2.3	-2.7	-2.5	-2.5	-2.5	-2.5	-3.3	-2.7
5	Bronx	-3.0	-0.1	-4.2	6.9	-6.4	3.4	-4.9	-0.1	-7.2	-7.2	-1.5	-4.6	-0.8	-4.5	-0.8	-3.3	-7.5	-7.2	-5.6	-6.6	-6.2	-6.6	-6.0	-5.6	-6.0	-6.0	-6.0	-6.0	-5.9	-2.6	-6.0
6	Kings	-6.0	0.5	-3.5	7.7	0.2	2.1	2.4	1.9	-7.5	-7.6	-4.9	-3.7	-4.7	-5.2	-5.4	-3.3	-2.9	-2.5	-1.5	-2.4	-1.9	-3.0	-3.0	-2.9	-3.2	-3.0	-3.0	-3.0	-3.0	-3.3	-3.2
7	Richmond	-2.4	2.5	3.2	1.4	-1.7	0.4	-2.3	2.9	-2.4	-1.3	-3.1	-3.6	-3.1	-3.6	-3.1	-2.1	-2.2	-1.7	-3.9	-2.8	-3.2	-1.1	-1.8	-2.4	-2.0	-1.1	-1.1	-1.1	-1.1	-2.1	-1.3
8	Nassau	-4.6	-4.6	-2.1	0.0	-3.6	5.6	-2.3	-1.6	-3.4	-4.2	8.7	3.0	8.1	2.8	8.1	0.0	-2.8	-2.2	-2.4	-1.0	-1.5	0.4	0.4	-0.3	0.4	0.4	0.4	0.4	0.4	0.0	0.4
9	Suffolk	-3.2	-3.2	-1.7	-0.3	-3.3	-1.6	-1.6	-1.6	-4.2	-2.5	8.1	3.7	8.1	2.8	8.1	0.0	-2.0	-1.4	-2.4	-1.0	-1.5	0.4	0.4	-0.3	0.4	0.4	0.4	0.4	0.4	0.0	0.4
10	Westchester	9.1	4.2	2.9	-1.4	-8.2	-4.1	-7.6	-2.8	-5.7	-5.7	2.8	0.7	10.7	-5.5	2.6	-3.1	-7.9	-9.4	-6.6	-8.0	-6.7	-8.5	-8.6	-8.0	-8.6	-8.6	-8.6	-8.6	-8.5	-1.7	-8.6
11	Rockland	6.9	6.9	4.8	-2.4	-3.5	-3.9	-2.9	-6.0	-1.5	-1.2	-4.7	-3.4	-5.4	-2.8	-5.4	-2.4	-6.0	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-6.3	-5.5
12	Putnam	4.2	4.2	2.9	-1.4	-4.8	-2.8	-2.8	-2.8	-4.1	-4.1	1.2	-5.1	5.9	-5.7	1.2	-2.8	-7.1	-7.7	-5.8	-7.2	-6.7	-8.6	-8.6	-8.0	-8.6	-8.6	-8.6	-8.6	-8.6	-2.8	-8.6
13	Orange	6.9	12.4	5.5	-0.3	-4.4	-4.5	-7.9	-5.3	-4.8	-5.5	-6.9	-4.2	-6.3	-3.4	-6.8	-3.4	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-3.9	-5.5
14	Dutchess	11.4	4.2	2.9	-1.4	-7.3	-2.8	-2.8	-2.8	-4.1	-4.8	3.3	-3.7	1.9	-5.1	2.7	-3.5	-7.1	-7.7	-5.8	-7.2	-6.7	-8.6	-8.6	-8.0	-8.6	-8.6	-8.6	-8.6	-8.6	-2.8	-8.6
15	Fairfield	0.6	1.3	3.4	0.0	-3.7	-1.4	-1.4	-1.4	-5.1	-5.1	-3.7	-3.3	-3.1	-3.3	-3.1	5.2	-4.3	-3.6	-3.2	-3.5	-3.4	-3.8	-3.9	-3.7	-3.9	-3.9	-3.9	-3.9	-3.8	-6.1	-3.9
16	Bergen	-2.3	-2.3	-2.7	0.6	-2.7	-1.0	-7.9	-3.3	-3.2	-3.1	-1.0	0.0	-0.9	0.0	-0.9	-4.4	1.3	2.2	2.3	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	-4.6	2.2
17	Passaic	-2.5	-2.5	-1.9	1.3	-2.9	-0.7	-7.9	-2.9	-3.2	-3.2	-1.9	0.0	-1.4	0.0	-1.4	-5.3	2.3	1.9	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	-4.9	2.2
18	Hudson	-1.7	-1.3	-1.2	1.8	-0.3	0.9	-6.0	-4.8	-2.0	-2.0	0.4	0.0	0.1	0.0	0.1	-4.1	2.2	2.1	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	-4.1	2.1
19	Essex	-2.3	-1.9	-1.5	0.9	-3.1	0.0	-8.1	-3.3	-2.2	-2.2	-0.7	0.0	-1.0	0.0	-1.0	-4.8	2.2	2.2	2.3	1.8	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	-4.7	2.2
20	Union	-2.2	-1.8	-1.5	1.8	-1.2	0.4	-7.9	-4.4	-3.3	-2.1	-0.3	0.0	-0.6	0.0	-0.6	-4.5	2.2	2.2	2.3	2.2	1.3	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.1	-4.5	2.1
21	Morris	-2.7	-2.2	-1.4	1.7	-4.4	-0.7	-10.6	-1.7	-2.4	-2.4	-1.6	0.0	-2.0	0.0	-2.0	-5.1	2.3	2.3	2.3	2.3	2.3	1.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3	-5.1	2.3
22	Somerset	-2.6	-2.7	-1.9	1.7	-4.4	-0.8	-10.8	-0.8	-3.1	-2.4	-2.0	0.0	-2.0	0.0	-2.0	-5.2	2.3	2.3	2.3	2.3	2.3	2.3	1.6	2.3	2.3	2.3	2.3	2.3	2.3	-5.2	2.3
23	Middlesex	-2.5	-2.6	-1.9	1.7	-3.7	-0.4	-10.1	-1.5	-3.0	-2.3	-1.3	0.0	-1.6	0.0	-1.6	-5.0	2.3	2.3	2.3	2.3	2.3	2.2	2.2	1.6	2.2	2.2	2.2	2.2	2.2	-5.0	2.2
24	Monmouth	-2.7	-2.7	-1.9	1.7	-4.7	-0.8	-11.1	-1.1	-3.1	-2.4	-2.0	0.0	-2.0	0.0	-2.0	-5.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.5	2.3	2.3	2.3	2.3	-5.2	2.3
25	Ocean	-2.7	-2.7	-1.9	1.7	-4.4	-0.8	-10.8	-0.5	-3.1	-2.4	-2.0	0.0	-2.0	0.0	-2.0	-5.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.4	2.3	2.3	2.3	-5.2	2.3
26	Hunterdon	-2.7	-2.7	-1.9	1.7	-4.4	-0.8	-9.4	-0.5	-3.1	-2.4	-2.0	0.0	-2.0	0.0	-2.0	-5.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.7	2.3	2.3	-5.2	2.3
27	Warren	-2.7	-2.7	-1.9	1.7	-4.4	-0.8	-9.4	-1.1	-3.1	-2.4	-2.0	0.0	-2.0	0.0	-2.0	-5.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	0.8	2.3	-5.2	2.3
28	Sussex	-2.7	-2.7	-1.9	1.7	-4.4	-0.7	-9.4	-0.5	-2.4	-2.4	-2.3	0.0	-2.0	0.0	-2.0	-5.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.7	-5.1	2.3
29	New Haven	1.3	1.3	-0.1	0.0	-2.8	-1.4	-1.4	-1.4	-4.8	-4.8	-3.7	-4.1	-1.7	-3.9	-3.1	1.4	-3.5	-3.6	-3.2	-3.5	-3.4	-3.8	-3.9	-3.7	-3.9	-3.9	-3.9	-3.9	-3.8	4.3	-3.9
30	Mercer	-2.7	-2.7	-1.9	1.7	-4.7	-0.8	-9.7	-0.8	-2.4	-2.4	-2.0	0.0	-2.0	0.0	-2.0	-5.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	-5.2	1.6

Table A-4-2: County-To-County Factors - Purpose 2: Work / Middle Income

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	4.7	2.4	0.7	0.3	-3.5	-2.5	-1.4	-4.4	1.7	1.7	3.8	1.0	0.4	0.3	-0.3	7.1	5.1	4.7	5.3	4.5	4.9	4.2	3.8	4.2	4.2	4.2	4.2	4.2	4.2	0.3	4.2
1	Valley Mn	1.1	4.0	1.1	1.5	1.5	-4.1	-5.1	-1.5	3.5	1.7	-1.0	-0.5	-0.3	7.1	-0.3	1.8	4.3	4.7	5.0	4.6	5.3	4.2	4.2	4.5	4.2	4.2	4.2	4.2	4.2	2.6	4.2
2	Midtown Mn	1.1	1.9	1.7	1.0	-7.9	-4.6	-5.2	-4.4	3.6	1.7	-1.0	-1.2	0.4	-0.4	-0.3	0.3	3.4	3.8	4.7	4.1	4.4	3.3	3.3	3.6	3.3	3.3	3.3	3.3	3.3	0.3	3.3
3	Upper Mn	1.2	1.3	1.5	1.4	3.0	0.1	-5.4	3.7	1.7	1.8	-2.0	4.7	-0.4	1.2	-0.4	5.0	1.7	1.6	3.9	2.4	3.5	2.8	3.6	3.8	3.6	3.6	3.6	3.6	3.6	-0.7	3.6
4	Queens	-3.1	5.7	-0.5	1.7	2.9	9.1	1.2	1.6	1.1	1.5	-1.7	-0.2	-3.3	-0.5	-3.3	1.0	0.4	1.0	3.5	1.7	3.0	1.9	1.9	2.1	1.7	1.9	1.9	1.9	1.9	-4.4	1.7
5	Bronx	-2.3	-1.9	-1.8	1.0	-1.9	2.5	-1.8	-0.6	-1.7	1.6	-2.2	-1.2	-2.5	0.2	-2.5	0.0	-1.2	-0.9	0.7	-0.3	0.0	-0.3	0.2	0.6	0.2	0.2	0.2	0.2	0.3	-3.7	0.2
6	Kings	-3.1	-3.5	-2.3	1.5	0.1	9.0	2.0	5.7	0.3	0.4	-1.3	1.9	-2.2	-1.2	-2.9	-2.1	1.6	2.0	3.0	2.1	2.6	1.5	1.5	1.6	1.3	1.5	1.5	1.5	1.5	-4.4	1.3
7	Richmond	-2.0	0.4	-1.3	-1.0	-1.4	1.9	-0.8	2.9	1.1	2.3	-3.2	-1.1	-1.2	-1.1	-2.6	-2.5	0.5	0.6	0.4	-1.4	-0.4	-1.4	0.5	-2.1	0.2	3.2	-1.4	-0.7	0.0	-0.4	-1.6
8	Nassau	-1.7	-2.7	1.2	2.5	-0.2	0.9	1.5	2.0	-1.8	2.2	-10.6	5.2	-7.3	4.3	-8.0	-0.2	2.9	3.5	3.3	4.8	4.2	6.1	6.1	5.5	6.1	6.1	6.1	6.1	6.1	-1.8	6.1
9	Suffolk	-5.1	-5.8	-5.8	0.3	-3.2	-1.7	-0.9	4.7	-1.5	0.0	-14.0	5.2	-7.3	4.3	-7.3	-1.8	3.7	4.3	3.3	4.8	4.2	6.1	6.1	5.5	6.1	6.1	6.1	6.1	6.1	-1.8	6.1
10	Westchester	-2.1	0.1	-0.6	1.9	-0.5	2.4	1.7	1.6	-0.9	0.0	0.9	2.3	2.5	2.7	-1.7	2.3	-0.1	-1.6	1.2	-0.2	1.1	-0.7	-0.8	-0.2	-0.8	-0.8	-0.8	-0.8	-0.7	0.8	-0.8
11	Rockland	0.5	-3.9	5.0	-8.4	4.7	2.4	1.7	-1.7	4.1	7.6	-1.9	2.0	-6.5	-0.5	-6.5	-1.9	0.9	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	-7.5	1.4
12	Putnam	-0.7	1.5	0.2	-2.3	5.9	2.8	1.4	2.3	1.6	2.9	0.5	1.6	0.0	2.2	-0.6	-0.8	0.7	0.1	2.0	0.6	1.1	-0.8	-0.8	-0.2	-0.8	-0.8	-0.8	-0.8	-0.8	-0.2	-0.8
13	Orange	1.4	-4.2	0.2	-4.2	0.4	3.9	3.3	1.3	-0.6	0.1	-2.9	3.1	-7.4	-0.6	1.5	-5.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	-5.2	1.4
14	Dutchess	-1.0	-0.7	0.5	-7.2	3.4	4.6	1.4	1.6	1.6	7.7	2.6	1.9	1.5	2.0	-0.5	1.4	0.7	0.1	2.0	0.6	1.1	-0.8	-0.8	-0.2	-0.8	-0.8	-0.8	-0.8	-0.8	-0.2	-0.8
15	Fairfield	-1.9	-4.9	-2.0	2.5	0.9	4.7	2.6	3.0	1.9	0.3	-6.8	2.8	-4.0	-0.9	-4.0	-0.1	4.9	5.5	6.0	5.6	5.8	5.4	5.3	5.5	5.3	5.3	5.3	5.3	5.4	2.7	5.3
16	Bergen	-2.4	-2.4	-2.8	-0.8	-1.3	1.7	-1.7	1.0	-1.0	-0.9	-7.4	-6.6	-7.4	-6.6	-7.4	-7.1	0.4	1.0	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	-6.8	1.0
17	Passaic	-2.6	-2.6	-2.0	-0.1	-1.5	2.1	-1.7	2.4	-1.0	-1.0	-8.2	-6.6	-8.0	-6.6	-8.0	-8.0	1.3	0.6	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	-7.1	1.0
18	Hudson	-1.8	-1.5	-1.4	0.3	0.9	2.2	0.2	-0.4	0.3	0.3	-6.2	-6.6	-6.5	-6.6	-6.5	-6.9	1.5	0.9	0.6	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	-6.4	0.9
19	Essex	-2.4	-2.0	-1.6	-0.7	-1.8	1.3	-1.8	1.9	0.0	0.0	-7.3	-6.6	-7.6	-6.6	-7.6	-7.5	1.1	1.0	1.1	0.6	1.1	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	-6.9	1.0
20	Union	-2.3	-1.9	-1.6	0.2	0.0	1.6	-1.7	1.7	-1.1	0.1	-6.9	-6.6	-7.2	-6.6	-7.2	-7.2	1.0	1.0	1.1	1.0	0.7	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.9	-6.7	0.9
21	Morris	-2.8	-2.3	-1.5	0.1	-3.1	0.6	-4.4	2.6	-0.2	-0.2	-8.2	-6.6	-8.6	-6.6	-8.6	-7.9	1.1	1.1	1.1	1.6	1.1	0.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-7.4	1.1
22	Somerset	-2.7	-2.8	-2.0	0.1	-3.1	0.5	-4.5	4.9	-0.9	-0.2	-8.6	-6.6	-8.6	-6.6	-8.6	-7.9	1.1	1.1	1.1	1.1	1.1	1.1	0.4	1.1	1.1	1.1	1.1	1.1	1.1	-7.4	1.1
23	Middlesex	-2.6	-2.7	-2.0	0.1	-2.4	0.8	-3.8	2.9	-0.8	-0.1	-7.8	-6.6	-8.2	-6.6	-8.2	-7.7	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.6	1.0	1.0	1.0	1.0	1.0	-7.2	1.0
24	Monmouth	-2.8	-2.8	-2.0	0.1	-3.4	0.5	-4.8	3.3	-0.9	-0.2	-8.6	-6.6	-8.6	-6.6	-8.6	-7.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.5	1.1	1.1	1.1	1.1	-7.4	1.1
25	Ocean	-2.8	-2.8	-2.0	0.1	-3.1	0.5	-4.5	4.7	-0.9	-0.2	-8.6	-6.6	-8.6	-6.6	-8.6	-7.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.7	1.1	1.1	1.1	-7.4	1.1
26	Hunterdon	-2.8	-2.8	-2.0	0.1	-3.1	0.5	-3.1	4.8	-0.9	-0.2	-8.6	-6.6	-8.6	-6.6	-8.6	-7.9	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.1	1.1	1.1	0.2	1.1	1.1	-7.4	1.1
27	Warren	-2.8	-2.8	-2.0	0.1	-3.1	0.5	-3.1	4.1	-0.9	-0.2	-8.6	-6.6	-8.6	-6.6	-8.6	-7.9	1.1	1.1	1.1	1.1	1.1	1.4	1.1	1.1	1.1	1.1	1.1	0.2	1.1	-7.4	1.1
28	Sussex	-2.8	-2.8	-2.0	0.1	-3.1	0.6	-3.1	4.8	-0.2	-0.2	-8.9	-6.6	-8.6	-6.6	-8.6	-8.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.3	-7.4	1.1
29	New Haven	-2.1	-2.1	-4.0	4.0	1.8	0.6	4.9	3.0	-0.2	0.5	-10.8	0.5	-3.3	-1.4	-4.0	0.3	6.2	6.0	6.5	6.1	6.3	5.9	5.8	6.0	5.8	5.8	5.8	5.8	5.9	1.2	5.8
30	Mercer	-2.8	-2.8	-2.0	0.1	-3.4	0.5	-3.4	4.5	-0.2	-0.2	-8.6	-6.6	-8.6	-6.6	-8.6	-7.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.1	1.1	1.1	1.1	1.1	-7.4	0.6

Table A-4-3: County-To-County Factors - Purpose 3: Work / High Income

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	1.1	0.0	-0.5	-2.6	1.7	6.9	-0.6	0.8	0.3	1.0	-2.8	2.8	-2.8	2.8	-2.8	-0.2	4.2	3.8	4.5	3.6	4.1	3.3	2.9	3.3	3.3	3.3	3.3	3.3	3.3	-0.2	3.3
1	Valley Mn	0.8	3.1	1.4	-0.2	-3.5	1.9	0.7	0.2	2.9	0.3	-3.5	1.3	-2.8	1.3	-3.5	1.8	3.4	3.8	4.1	3.7	4.4	3.3	3.3	3.6	3.3	3.3	3.3	3.3	3.3	-0.2	3.3
2	Midtown Mn	-0.4	-0.4	2.3	-2.3	-2.5	4.5	-0.2	0.2	-0.1	0.3	-3.5	1.3	-2.8	1.4	-2.8	2.9	2.5	2.9	3.8	3.2	3.5	2.4	2.4	2.8	2.4	2.4	2.4	2.4	2.4	-0.2	2.4
3	Upper Mn	0.4	0.8	1.5	-1.1	-0.4	4.1	-1.1	0.8	-0.4	1.2	1.6	6.9	2.8	5.0	2.8	-2.5	2.2	2.0	4.4	2.9	4.0	3.2	4.0	4.3	4.0	4.0	4.0	4.0	4.0	-2.5	4.0
4	Queens	-1.2	-0.3	1.4	0.4	1.7	1.4	-0.9	-2.0	0.7	0.4	2.7	-0.1	-0.4	-1.0	-1.1	-1.2	-1.5	-0.9	1.6	-0.2	1.2	0.1	0.1	0.2	-0.1	0.1	0.1	0.1	0.1	-3.1	-0.1
5	Bronx	0.0	-1.2	-1.0	0.2	-1.8	-1.2	-6.5	-1.0	-2.9	-2.2	1.7	0.2	-0.1	-0.4	-0.8	-3.1	-5.0	-4.7	-3.1	-4.1	-3.7	-4.1	-3.5	-3.1	-3.5	-3.5	-3.5	-3.5	-3.4	-2.5	-3.5
6	Kings	-0.4	-1.3	0.7	0.9	-1.1	1.3	1.2	-0.4	-1.9	-1.3	1.7	0.5	-1.1	-1.7	-1.8	-3.1	1.3	1.7	2.7	1.8	2.3	1.2	1.2	1.3	1.0	1.2	1.2	1.2	1.2	-3.1	1.0
7	Richmond	7.1	4.4	3.2	-0.3	-2.0	-1.7	-6.2	-0.3	0.4	-0.6	-1.1	-1.1	-0.4	-1.1	-0.4	-2.5	-0.7	-0.2	-1.6	-0.6	-0.9	0.4	0.4	-0.2	0.2	0.4	0.4	0.4	0.4	-2.5	0.2
8	Nassau	0.0	-1.1	2.7	-1.0	-1.1	0.3	-1.6	-0.3	-1.1	0.6	1.4	9.0	-0.6	8.1	-0.6	5.6	3.9	4.5	4.2	5.7	5.2	7.0	7.0	6.4	7.0	7.0	7.0	7.0	7.0	0.6	7.0
9	Suffolk	-3.0	-6.0	-1.7	-8.5	-2.6	-2.2	-7.7	0.4	1.2	0.0	5.4	9.0	-0.6	8.7	-0.6	0.6	4.7	5.3	4.2	5.7	5.2	7.0	7.0	6.4	7.0	7.0	7.0	7.0	7.0	0.6	7.0
10	Westchester	-0.3	-1.4	0.5	-2.7	-1.1	0.2	-2.2	0.1	-2.8	-2.8	-1.1	1.2	2.9	1.3	3.8	0.8	-1.7	-2.2	0.6	-0.8	0.5	-1.3	-1.4	-0.8	-1.4	-1.4	-1.4	-1.4	-1.3	0.5	-1.4
11	Rockland	-2.7	-2.8	-3.6	-4.9	-1.1	-2.3	-7.1	-3.9	5.2	1.0	-1.4	-1.7	-7.6	-0.3	-7.0	2.9	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	2.4	-1.2
12	Putnam	-3.1	-4.5	-2.7	-6.6	3.1	-3.5	-1.0	0.8	-0.5	-0.5	-0.5	-0.9	5.5	-1.2	-0.7	-1.2	0.1	-0.5	1.4	0.0	0.5	-1.4	-1.4	-0.8	-1.4	-1.4	-1.4	-1.4	-1.4	-1.2	-1.4
13	Orange	-7.3	-6.4	-4.7	-9.5	-3.8	-4.9	-9.9	-3.2	0.5	-2.7	-5.3	1.4	-8.5	-3.4	-1.2	-0.1	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-0.5	-1.2
14	Dutchess	-3.7	-6.1	-6.0	-5.3	-3.2	-1.3	-4.9	0.8	-1.2	-1.2	0.0	-0.9	5.2	-2.4	1.0	-0.5	0.1	-0.5	1.4	0.0	0.5	-1.4	-1.4	-0.8	-1.4	-1.4	-1.4	-1.4	-1.4	-1.2	-1.4
15	Fairfield	-4.7	-3.7	-1.6	-15.3	-4.4	-7.1	-8.5	-2.8	-4.4	-3.7	0.0	5.9	2.3	4.5	2.3	-0.3	2.5	3.2	3.6	3.3	3.4	3.0	2.9	3.1	2.9	2.9	2.9	2.9	3.0	-0.1	2.9
16	Bergen	-1.7	-1.7	-2.1	-6.5	0.1	0.6	-2.8	-1.2	1.6	1.7	1.4	0.9	1.4	0.9	1.4	4.1	0.1	0.5	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	4.0	0.5
17	Passaic	-1.9	-1.9	-1.3	-5.8	-0.2	1.0	-2.8	-0.7	1.6	1.6	0.6	0.9	0.9	0.9	0.9	3.2	0.6	-0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	3.7	0.5
18	Hudson	-1.1	-0.8	-0.7	-5.4	2.3	1.1	-0.9	-1.7	2.8	2.8	2.6	0.9	2.3	0.9	2.3	4.3	0.5	0.4	-0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	4.4	0.4
19	Essex	-1.7	-1.3	-0.9	-6.4	-0.5	0.2	-2.9	-0.2	2.6	2.6	1.6	0.9	1.2	0.9	1.2	3.7	0.6	0.5	0.6	-0.1	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	3.9	0.5
20	Union	-1.6	-1.2	-0.9	-5.4	1.4	0.5	-2.8	-1.2	1.5	2.7	2.0	0.9	1.6	0.9	1.6	4.0	0.5	0.5	0.6	0.5	-0.1	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	4.1	0.4
21	Morris	-2.1	-1.6	-0.8	-5.5	-1.8	-0.5	-5.5	0.4	2.4	2.4	0.6	0.9	0.2	0.9	0.2	3.4	0.6	0.6	0.6	0.6	0.6	0.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	3.5	0.6
22	Somerset	-2.0	-2.1	-1.3	-5.5	-1.8	-0.6	-5.6	1.3	1.7	2.4	0.2	0.9	0.2	0.9	0.2	3.3	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.6	0.6	0.6	0.6	0.6	0.6	3.4	0.6
23	Middlesex	-1.9	-2.0	-1.3	-5.5	-1.1	-0.3	-4.9	0.7	1.8	2.5	1.0	0.9	0.7	0.9	0.7	3.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	-0.3	0.5	0.5	0.5	0.5	0.5	3.6	0.5
24	Monmouth	-2.1	-2.1	-1.3	-5.5	-2.1	-0.6	-5.9	1.0	1.7	2.4	0.2	0.9	0.2	0.9	0.2	3.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.2	0.6	0.6	0.6	0.6	3.4	0.6
25	Ocean	-2.1	-2.1	-1.3	-5.5	-1.8	-0.6	-5.6	1.7	1.7	2.4	0.2	0.9	0.2	0.9	0.2	3.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.6	0.6	0.6	3.4	0.6
26	Hunterdon	-2.1	-2.1	-1.3	-5.5	-1.8	-0.6	-4.2	1.7	1.7	2.4	0.2	0.9	0.2	0.9	0.2	3.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	3.4	0.6
27	Warren	-2.1	-2.1	-1.3	-5.5	-1.8	-0.6	-4.2	1.0	1.7	2.4	0.2	0.9	0.2	0.9	0.2	3.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	-0.8	0.6	3.4	0.6
28	Sussex	-2.1	-2.1	-1.3	-5.5	-1.8	-0.5	-4.2	1.7	2.4	2.4	-0.1	0.9	0.2	0.9	0.2	3.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.1	3.5	0.6
29	New Haven	-4.7	-4.7	-4.7	-14.1	-2.8	-6.5	-8.5	-2.8	-3.5	-3.5	1.6	5.9	3.0	4.7	3.0	2.7	3.4	3.3	3.7	3.4	3.5	3.1	3.0	3.2	3.0	3.0	3.0	3.0	3.1	0.1	3.0
30	Mercer	-2.1	-2.1	-1.3	-5.5	-2.1	-0.6	-4.5	1.4	2.4	2.4	0.2	0.9	0.2	0.9	0.2	3.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	3.4	0.2

Table A-4-4: County-To-County Factors - Purpose 4: School

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	1.0	-0.3	-1.2	-0.1	-7.1	-4.5	-8.8	-3.1	-2.1	-0.7	6.3	3.6	0.0	4.3	0.0	-2.1	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-1.4	-0.9
1	Valley Mn	2.7	1.0	-6.5	1.8	-7.8	-4.5	-10.2	-3.1	-2.1	-0.7	-0.7	3.6	0.0	3.6	0.0	-1.4	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-1.4	-0.9
2	Midtown Mn	-1.2	-1.1	1.9	2.3	-7.8	-1.9	-8.8	-3.1	-2.1	-0.7	-0.7	3.6	0.0	3.6	0.0	-2.1	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-1.4	-0.9
3	Upper Mn	-0.7	-3.5	-1.3	2.3	-8.6	-5.5	-10.2	-3.6	-3.8	-2.5	-4.5	-4.0	-0.9	-3.3	-0.9	-2.1	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-1.4	-2.6
4	Queens	-0.4	-2.2	-1.4	-0.4	0.1	0.9	-4.8	3.2	-2.3	-4.9	-0.9	-1.7	-0.2	-1.7	-0.9	-1.4	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	-1.4	5.0
5	Bronx	1.8	-2.6	0.7	2.8	-3.1	0.3	-6.0	3.3	-5.7	-5.1	-0.8	-1.7	0.5	-1.7	-0.2	-5.1	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-4.4	-3.0
6	Kings	1.6	-1.4	0.2	1.7	-0.5	1.8	0.2	-1.0	-2.7	-2.7	-0.9	-1.7	-0.2	-1.7	-0.9	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.4	0.0
7	Richmond	4.8	-0.7	-0.7	5.2	-1.7	-0.7	-4.2	-0.1	-1.4	-0.1	-0.9	-1.7	-0.2	-1.7	-0.2	-2.1	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-1.4	-2.3
8	Nassau	-1.4	-1.4	-1.4	1.6	-2.1	0.1	-4.1	-3.4	0.7	-1.0	-1.4	-0.7	-0.7	-0.7	-0.7	-1.4	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-1.4	4.0
9	Suffolk	-1.4	-0.7	-0.7	7.1	-3.3	0.8	-4.1	-2.7	-6.9	0.4	-1.4	-0.7	-0.7	-0.7	-0.7	-1.4	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-1.4	4.0
10	Westchester	0.5	-1.8	-1.8	0.8	-5.5	-6.4	-7.2	-3.5	-7.1	-5.7	0.6	-1.5	0.7	-1.6	-1.3	-9.3	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-6.4	-2.5
11	Rockland	-1.8	-1.8	-1.8	-0.2	-3.2	-3.9	-3.9	-3.2	-2.1	-0.7	1.0	0.1	-0.3	-8.2	-1.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.4	-5.0
12	Putnam	-1.1	-1.1	-1.1	1.4	-4.8	-5.9	-5.8	-2.8	-5.7	-5.7	1.8	-0.9	0.5	-1.6	-1.3	-7.8	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-6.4	-2.5
13	Orange	-1.8	-1.8	-1.1	0.5	-3.2	-2.5	-3.2	-2.5	-0.7	-0.7	4.8	-0.1	-0.3	-0.1	-1.9	-4.4	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.4	-5.0
14	Dutchess	-1.1	-1.1	-1.1	1.4	-5.5	-5.3	-5.8	-2.8	-5.7	-5.7	-0.6	-0.9	-1.3	-1.6	0.3	0.3	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-5.7	-2.5
15	Fairfield	-1.4	-1.4	-1.4	-1.4	-1.4	-2.1	-1.4	-0.7	-1.4	-0.7	-1.5	-1.4	-1.5	-1.4	-0.8	0.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	-1.5	5.0
16	Bergen	1.3	1.3	1.3	0.0	0.0	1.4	-5.0	1.9	-5.0	-5.0	1.6	0.6	1.6	0.6	1.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
17	Passaic	1.3	1.3	1.3	0.0	0.0	1.4	-5.0	1.9	-5.0	-5.0	1.6	0.6	1.6	0.6	1.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
18	Hudson	1.3	1.3	1.3	0.0	0.0	1.4	-5.0	1.9	-5.0	-5.0	1.6	0.6	1.6	0.6	1.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
19	Essex	1.3	1.3	1.3	0.0	0.0	1.4	-5.0	1.9	-5.0	-5.0	1.6	0.6	1.6	0.6	1.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
20	Union	1.3	1.3	1.3	0.0	0.0	1.4	-5.0	1.9	-5.0	-5.0	1.6	0.6	1.6	0.6	1.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
21	Morris	1.3	1.3	1.3	0.0	0.0	1.4	-5.0	1.9	-5.0	-5.0	1.6	0.6	1.6	0.6	1.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
22	Somerset	1.3	1.3	1.3	0.0	0.0	1.4	-5.0	1.9	-5.0	-5.0	1.6	0.6	1.6	0.6	1.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
23	Middlesex	1.3	1.3	1.3	0.0	0.0	1.4	-5.0	1.9	-5.0	-5.0	1.6	0.6	1.6	0.6	1.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
24	Monmouth	1.3	1.3	1.3	0.0	0.0	1.4	-5.0	1.9	-5.0	-5.0	1.6	0.6	1.6	0.6	1.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
25	Ocean	1.3	1.3	1.3	0.0	0.0	1.4	-5.0	1.9	-5.0	-5.0	1.6	0.6	1.6	0.6	1.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
26	Hunterdon	1.3	1.3	1.3	0.0	0.0	1.4	-5.0	1.9	-5.0	-5.0	1.6	0.6	1.6	0.6	1.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
27	Warren	1.3	1.3	1.3	0.0	0.0	1.4	-5.0	1.9	-5.0	-5.0	1.6	0.6	1.6	0.6	1.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
28	Sussex	1.3	1.3	1.3	0.0	0.0	1.4	-5.0	1.9	-5.0	-5.0	1.6	0.6	1.6	0.6	1.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
29	New Haven	-1.4	-1.4	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.8	-0.7	-0.8	-0.7	-0.1	-1.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	-0.4	5.0
30	Mercer	1.3	1.3	1.3	0.0	0.0	1.4	-5.0	1.9	-5.0	-5.0	1.6	0.6	1.6	0.6	1.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0

Table A-4-5: County-To-County Factors - Purpose 5: University

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	6.5	6.5	7.2	-4.8	-4.9	-4.9	-0.7	-4.2	-2.8	-1.4	-2.8	-0.2	-1.4	-0.2	-2.1	-2.8	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-2.8	-5.2
1	Valley Mn	15.9	10.3	7.2	-2.5	-1.3	-4.9	-4.9	-4.2	-2.8	-1.4	-2.8	-0.2	-2.1	-0.2	-2.1	-2.8	-5.2	-5.2	-5.5	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-2.8	-5.2
2	Midtown Mn	15.1	13.5	8.8	-6.1	-4.9	-4.9	-4.9	-4.2	-2.8	-1.4	-2.8	-0.2	-2.1	-0.2	-1.4	-2.8	-5.2	-5.2	-5.4	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-2.8	-5.2
3	Upper Mn	17.4	13.3	13.1	-2.3	-1.1	-0.5	3.3	-0.4	-0.1	-1.1	-2.8	-1.5	-2.1	-1.5	-2.1	-2.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-2.8	-5.8
4	Queens	6.6	4.5	5.0	-0.7	0.5	-4.0	2.0	-0.3	0.3	-1.5	-4.1	-1.5	-3.5	-1.5	-3.5	-4.8	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-4.8	-2.0
5	Bronx	9.6	7.2	5.8	-0.4	2.4	-0.1	2.8	0.4	-0.8	-0.8	-4.7	3.4	-3.5	-1.5	-3.5	-7.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-7.8	-5.8
6	Kings	11.5	5.8	4.3	-1.6	0.2	-1.0	1.9	-1.0	-2.8	-1.5	-8.1	-4.5	-7.5	-4.5	-7.5	-7.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-7.8	-5.8
7	Richmond	8.7	6.0	0.6	3.5	3.6	-0.3	1.8	0.3	-0.8	-0.1	-3.5	-1.5	-2.8	-1.5	-3.5	-2.1	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-2.8	-5.8
8	Nassau	-0.1	-0.9	0.1	0.3	-0.2	-1.6	1.0	-0.9	1.0	0.8	-7.8	-5.5	-7.1	-5.5	-7.8	-7.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-7.8	-5.8
9	Suffolk	-0.1	-0.1	-0.1	1.8	-0.4	-0.9	-1.9	-0.2	2.2	0.7	-7.8	-5.5	-7.1	-5.5	-7.1	-7.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-7.8	-5.8
10	Westchester	3.9	7.5	10.6	0.2	-1.5	-0.8	-0.8	-0.1	-2.1	-1.4	-2.3	1.7	-1.5	-5.2	-1.5	-5.0	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-5.3	-1.6
11	Rockland	2.7	4.3	2.7	-4.5	-1.2	-1.3	-0.5	-0.5	-1.5	-1.5	-3.8	-1.3	-1.8	-4.4	-1.8	-3.7	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-2.9	-1.6
12	Putnam	3.9	3.9	3.9	0.3	-0.1	0.6	-0.1	-0.1	-1.4	-1.4	0.8	-4.6	-2.3	-4.6	1.7	-5.3	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-3.9	-1.6
13	Orange	2.7	3.4	2.7	1.4	-0.5	-0.5	-0.5	-0.5	-1.5	-1.5	-1.8	1.9	-1.8	-4.1	-11.2	-3.7	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-2.9	-1.6
14	Dutchess	3.9	3.9	3.9	1.0	-0.1	-0.1	-0.1	-0.1	-1.4	-1.4	-0.8	-4.6	-1.5	-5.9	-1.1	-0.4	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-3.9	-1.6
15	Fairfield	-0.7	-1.4	-0.7	-2.1	-2.1	-2.8	-1.4	-1.4	-0.7	0.0	-2.8	-0.8	-2.8	-0.8	-2.1	-0.3	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	1.8	-0.8
16	Bergen	2.9	2.9	2.9	-2.3	0.5	0.5	0.4	0.4	-0.8	-0.8	-0.5	0.1	-0.6	0.1	-0.6	-0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.7	0.1
17	Passaic	2.9	2.9	2.9	-2.3	0.5	0.5	0.4	0.4	-0.8	-0.8	-0.5	0.1	-0.6	0.1	-0.6	-0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.7	0.1
18	Hudson	2.9	2.8	2.8	-2.4	0.4	0.4	0.4	0.4	-0.8	-0.8	-0.6	0.1	-0.6	0.1	-0.6	-0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.7	0.1
19	Essex	2.9	2.8	2.8	-2.4	0.4	0.4	0.4	0.4	-0.8	-0.8	-0.6	0.1	-0.6	0.1	-0.6	-0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.7	0.1
20	Union	2.9	2.9	2.9	-2.4	0.4	0.4	0.4	0.4	-0.8	-0.8	-0.6	0.1	-0.6	0.1	-0.6	-0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.7	0.1
21	Morris	2.9	2.9	2.9	-2.4	0.4	0.4	0.4	0.4	-0.8	-0.8	-0.6	0.1	-0.6	0.1	-0.6	-0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.7	0.1
22	Somerset	2.9	2.9	2.9	-2.4	0.4	0.4	0.4	0.4	-0.8	-0.8	-0.6	0.1	-0.6	0.1	-0.6	-0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.7	0.1
23	Middlesex	2.9	2.9	2.9	-2.4	0.4	0.4	0.4	0.4	-0.8	-0.8	-0.6	0.1	-0.6	0.1	-0.6	-0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.7	0.1
24	Monmouth	2.9	2.9	2.9	-2.4	0.4	0.4	0.4	0.4	-0.8	-0.8	-0.6	0.1	-0.6	0.1	-0.6	-0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.7	0.1
25	Ocean	2.9	2.9	2.9	-2.4	0.4	0.4	0.4	0.4	-0.8	-0.8	-0.6	0.1	-0.6	0.1	-0.6	-0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.7	0.1
26	Hunterdon	2.9	2.9	2.9	-2.4	0.4	0.4	0.4	0.4	-0.8	-0.8	-0.6	0.1	-0.6	0.1	-0.6	-0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.7	0.1
27	Warren	2.9	2.9	2.9	-2.4	0.4	0.4	0.4	0.4	-0.8	-0.8	-0.6	0.1	-0.6	0.1	-0.6	-0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.7	0.1
28	Sussex	2.9	2.9	2.9	-2.4	0.4	0.4	0.4	0.4	-0.8	-0.8	-0.6	0.1	-0.6	0.1	-0.6	-0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.7	0.1
29	New Haven	-0.7	-0.7	-0.7	-1.4	-1.4	-2.1	-1.4	-1.4	0.0	0.0	-1.4	-0.7	-1.4	-0.7	-1.4	2.5	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.6	-0.7
30	Mercer	2.9	2.9	2.9	-2.4	0.4	0.4	0.4	0.4	-0.8	-0.8	-0.6	0.1	-0.6	0.1	-0.6	-0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.7	0.1

Table A-4-6: County-To-County Factors - Purpose 6: Maintenance

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	-2.7	1.0	0.1	-0.2	3.5	5.4	4.0	-0.7	-0.2	-0.2	-1.0	-6.1	-0.3	-5.2	-0.3	2.6	0.2	0.0	1.3	0.8	1.0	-0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8	3.3	0.8
1	Valley Mn	-0.4	0.9	-1.3	-2.4	0.0	-1.5	-0.7	-0.7	2.6	-0.9	-0.4	-6.8	-1.0	-5.2	-0.3	1.9	0.2	0.0	1.1	1.0	1.3	-0.2	0.8	0.9	0.8	0.8	0.8	0.8	0.8	2.6	0.8
2	Midtown Mn	-1.8	0.0	0.8	0.1	-0.1	-0.7	1.2	-0.7	-0.9	-0.2	-0.4	-3.3	-0.3	-1.0	-0.3	2.4	-0.1	-0.3	1.3	0.8	1.0	-0.7	0.2	0.5	0.2	0.2	0.2	0.2	0.2	2.6	0.2
3	Upper Mn	-2.9	-0.7	-1.6	0.2	0.8	-0.3	-0.5	-0.9	1.1	3.4	3.2	-5.5	2.6	-5.3	2.6	-1.5	0.3	0.5	1.9	1.3	2.1	1.5	2.5	2.4	2.5	2.5	2.5	2.5	2.5	-1.4	2.5
4	Queens	0.0	0.7	-0.1	-0.5	0.6	0.7	0.0	2.3	1.5	2.6	2.3	5.9	0.0	7.3	0.0	-2.1	0.6	1.3	2.1	0.6	1.7	0.9	0.9	1.0	0.7	0.9	0.9	0.9	0.9	-2.1	0.7
5	Bronx	0.2	0.6	0.3	1.1	1.6	-0.1	0.9	-0.7	-1.4	0.3	1.4	2.1	0.5	0.2	0.5	-2.1	-4.3	-2.8	-5.2	-3.2	-3.9	-1.4	-1.4	-2.2	-1.4	-1.4	-1.4	-1.4	-1.4	-2.1	-1.4
6	Kings	1.0	0.9	0.7	1.2	1.1	2.2	0.4	0.8	0.2	1.0	0.0	5.0	0.0	5.0	0.0	-2.1	1.4	1.1	2.0	1.4	1.6	0.8	0.8	0.8	0.6	0.8	0.8	0.8	0.8	-1.4	0.6
7	Richmond	4.0	5.0	4.8	6.1	7.2	2.3	-0.8	0.2	0.9	0.9	0.7	6.6	0.7	6.6	0.7	-1.4	1.8	2.7	-0.1	2.0	1.3	4.0	4.0	2.9	3.8	4.0	4.0	4.0	4.0	-1.4	3.8
8	Nassau	0.6	1.1	1.7	0.3	0.8	-0.2	-1.2	-0.7	0.0	1.7	-2.8	6.5	-2.8	5.6	-2.8	-2.1	2.6	3.0	2.6	3.6	3.2	4.5	4.5	4.1	4.5	4.5	4.5	4.5	4.5	-1.4	4.5
9	Suffolk	1.0	1.7	3.3	1.2	0.6	0.5	2.6	0.0	0.0	-0.2	-1.9	7.7	-2.1	7.0	-2.1	-2.1	2.6	3.0	2.6	3.6	3.2	4.5	4.5	4.1	4.5	4.5	4.5	4.5	4.5	-1.4	4.5
10	Westchester	2.0	2.6	2.1	-1.5	0.0	-0.9	3.8	0.5	0.5	1.1	-0.7	1.5	0.6	0.7	1.6	0.8	-0.8	-0.4	0.2	1.1	0.8	2.0	2.0	1.6	2.0	2.0	2.0	2.0	2.0	2.8	2.0
11	Rockland	7.3	6.6	4.6	4.9	6.5	0.0	6.9	8.6	0.7	0.0	-7.0	-0.8	-10.1	3.7	-10.1	0.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9
12	Putnam	2.6	3.9	3.9	-0.3	3.0	-0.5	4.5	-0.2	1.1	1.1	1.8	6.4	-0.9	0.7	0.1	1.6	1.0	1.4	0.2	1.1	0.8	2.0	2.0	1.6	2.0	2.0	2.0	2.0	2.0	3.5	2.0
13	Orange	7.3	6.1	6.0	7.7	6.9	0.4	6.9	8.6	-0.3	-0.3	-10.7	1.5	-10.7	-0.9	-5.2	-0.4	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	-0.9	0.9
14	Dutchess	2.6	3.2	3.9	-1.0	3.0	0.2	4.5	-0.2	1.1	1.1	2.8	1.6	2.9	-3.0	-0.6	3.1	1.0	1.4	0.2	1.1	0.8	2.0	2.0	1.6	2.0	2.0	2.0	2.0	2.0	2.8	2.0
15	Fairfield	7.5	9.8	9.8	5.3	-1.4	-2.1	-1.4	-1.4	1.4	2.1	-4.6	3.4	-2.2	3.2	-2.2	-1.1	3.9	4.3	4.0	4.9	4.6	5.8	5.8	5.4	5.8	5.8	5.8	5.8	5.8	0.6	5.8
16	Bergen	-1.4	-1.4	-1.3	-1.7	0.6	-2.6	0.9	-1.0	1.0	1.0	-2.5	0.4	-2.2	0.4	-2.2	2.7	-0.3	-0.2	0.0	-0.2	-0.1	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	2.8	-0.3
17	Passaic	-0.3	-0.3	0.1	-0.4	2.5	-2.7	1.9	0.4	2.5	2.5	-1.4	0.4	-0.7	0.4	-0.7	2.6	-0.1	-0.3	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.1	-0.2
18	Hudson	-3.2	-2.8	-3.3	-2.6	-0.4	-2.1	-0.9	-3.4	-0.7	-0.7	-4.8	0.4	-4.8	0.4	-4.8	2.2	-0.3	-0.4	0.0	-0.3	-0.2	-0.6	-3.0	-2.8	-0.6	-0.6	-0.6	-0.6	-0.6	2.3	-3.0
19	Essex	-1.0	-0.6	-0.4	-2.1	0.8	-2.3	1.7	0.0	2.4	2.4	-1.7	0.4	-1.7	0.4	-1.7	2.8	-0.2	-0.2	-0.1	-0.1	-0.1	-0.3	-0.3	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	2.9	-0.3
20	Union	-1.8	-1.3	-1.3	-1.7	1.9	-2.2	1.0	-1.1	1.3	1.3	-2.8	0.4	-2.8	0.4	-2.8	2.6	-0.2	-0.3	0.0	-0.2	-0.1	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	2.7	-0.4
21	Morris	0.9	1.4	2.2	0.1	4.5	-2.6	3.1	2.0	5.2	5.2	1.1	0.4	1.1	0.4	1.1	3.3	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0
22	Somerset	0.9	0.9	1.7	0.1	4.5	-2.6	3.1	2.0	5.2	5.2	1.1	0.4	1.1	0.4	1.1	3.3	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0
23	Middlesex	0.0	0.0	0.6	-0.4	3.4	-2.5	2.0	0.6	4.0	4.0	-0.2	0.4	-0.2	0.4	-0.2	3.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	3.2	-0.1
24	Monmouth	0.9	0.9	1.7	0.1	4.2	-2.6	2.8	1.7	5.2	5.2	1.1	0.4	1.1	0.4	1.1	3.3	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0
25	Ocean	1.8	1.8	2.7	1.1	4.5	-2.6	3.1	2.0	5.2	5.2	1.1	0.4	1.1	0.4	1.1	3.3	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0
26	Hunterdon	1.8	1.8	2.7	1.1	4.5	-2.6	3.1	2.0	5.2	5.2	1.1	0.4	1.1	0.4	1.1	3.3	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0
27	Warren	1.8	1.8	2.7	1.1	4.5	-2.6	3.1	2.0	5.2	5.2	1.1	0.4	1.1	0.4	1.1	3.3	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0
28	Sussex	1.8	1.8	2.7	1.1	4.5	-2.6	3.1	2.0	5.2	5.2	0.7	0.4	1.1	0.4	1.1	2.9	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0
29	New Haven	7.5	7.5	7.5	3.0	-1.4	-2.1	-1.4	-1.4	1.4	1.4	-1.5	3.6	-1.5	2.7	-1.5	1.6	4.9	5.4	4.1	5.0	4.7	5.9	5.9	5.5	5.9	5.9	5.9	5.9	5.9	-0.5	5.9
30	Mercer	1.8	1.8	2.7	1.1	4.2	-2.6	2.8	1.7	5.2	5.2	1.1	0.4	1.1	0.4	1.1	3.3	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0

Table A-4-7: County-To-County Factors - Purpose 7: Discretionary

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	-6.9	0.2	3.5	2.7	-0.9	5.5	4.8	-0.2	7.3	0.9	2.5	-6.5	2.5	-5.5	2.5	-1.4	-0.7	-0.9	0.4	-0.1	0.1	-1.1	-0.5	-0.3	-0.1	-0.1	-0.1	-0.1	-0.1	-0.7	-0.1
1	Valley Mn	-2.1	0.6	-1.1	-2.2	0.5	2.3	0.0	-0.9	1.6	0.2	2.3	-7.2	1.8	2.5	2.5	-1.4	-0.7	-0.9	0.5	0.1	0.4	-1.1	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-1.4	-0.1
2	Midtown Mn	-1.4	-0.7	0.9	-2.1	-1.1	0.3	-0.1	-0.9	0.2	0.2	2.3	-3.6	2.5	-2.7	2.5	-0.9	-1.0	-1.2	0.6	-0.1	0.1	-1.6	-0.7	-0.4	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7
3	Upper Mn	-0.4	-0.1	-0.6	0.3	1.4	2.0	0.5	2.0	-2.1	-2.1	2.2	-6.9	8.2	-6.6	7.2	-1.5	-2.6	-2.4	-1.0	-1.6	-0.8	-1.4	-0.4	-0.6	-0.4	-0.4	-0.4	-0.4	-0.4	-1.4	-0.4
4	Queens	-0.4	1.0	0.6	0.1	0.2	-1.4	0.9	-0.7	1.7	0.1	-1.1	5.4	-1.1	4.5	-1.1	-1.4	-0.9	-0.2	0.6	-0.9	0.2	-0.6	-0.6	-0.5	-0.8	-0.6	-0.6	-0.6	-0.6	-2.5	-0.8
5	Bronx	2.6	1.2	0.5	0.5	-1.0	-0.3	-0.2	1.6	-1.4	-0.7	-0.6	3.2	-0.6	-0.3	-0.6	-2.5	-2.9	-1.4	-3.8	-1.8	-2.5	0.0	0.0	-0.8	0.0	0.0	0.0	0.0	0.0	-2.5	0.0
6	Kings	-0.7	0.8	-0.3	-0.6	0.2	1.2	0.4	0.9	0.2	3.1	-1.1	4.5	-1.1	4.5	-1.1	-2.5	0.1	-0.2	0.6	0.0	0.2	-0.6	-0.6	-0.5	-0.8	-0.6	-0.6	-0.6	-0.6	-1.8	-0.8
7	Richmond	3.1	3.5	1.3	3.8	-0.7	-0.7	0.2	0.5	0.0	0.0	-0.4	6.1	-0.4	6.1	-0.4	-1.8	1.0	1.9	-0.9	1.3	0.5	3.2	3.2	2.1	3.0	3.2	3.2	3.2	3.2	-1.8	3.0
8	Nassau	3.7	3.4	3.9	1.5	0.3	-2.7	-1.6	-0.4	0.0	1.6	-0.5	1.1	-0.5	0.2	-0.5	-2.1	-2.3	-1.9	-2.4	-1.3	-1.7	-0.4	-0.4	-0.8	-0.4	-0.4	-0.4	-0.4	-0.4	-2.1	-0.4
9	Suffolk	1.4	4.2	5.4	4.6	-1.1	2.0	-0.8	-0.4	0.2	-0.2	1.8	2.4	0.2	0.2	0.2	-2.1	-2.3	-1.9	-2.4	-1.3	-1.7	-0.4	-0.4	-0.8	-0.4	-0.4	-0.4	-0.4	-0.4	-1.4	-0.4
10	Westchester	3.3	3.9	4.0	2.1	1.6	-1.1	4.3	-0.1	6.0	1.9	-0.9	-1.5	-2.3	-1.4	1.6	0.6	-5.7	-5.3	-4.7	-3.8	-4.1	-2.9	-2.9	-3.3	-2.9	-2.9	-2.9	-2.9	-2.9	0.7	-2.9
11	Rockland	7.1	7.8	5.8	3.7	7.5	3.9	7.2	4.7	1.6	1.6	-7.6	-1.5	-9.7	1.7	-9.7	-0.5	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	-0.1
12	Putnam	2.5	3.9	3.2	1.3	-0.1	-0.1	-0.1	-0.1	1.9	1.2	1.1	3.1	-0.7	0.4	0.4	0.5	-3.9	-3.4	-4.7	-3.8	-4.1	-2.9	-2.9	-3.3	-2.9	-2.9	-2.9	-2.9	-2.9	1.4	-2.9
13	Orange	6.4	6.4	5.8	4.5	7.2	0.8	10.4	4.0	1.3	1.3	-9.6	-0.4	-10.3	-1.4	-9.0	-1.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.9	-0.1
14	Dutchess	9.9	3.2	8.9	2.9	0.6	-0.8	-0.1	-0.1	1.2	1.2	1.4	-0.5	2.0	-0.3	-0.8	1.5	-3.9	-3.4	-4.7	-3.8	-4.1	-2.9	-2.9	-3.3	-2.9	-2.9	-2.9	-2.9	-2.9	0.7	-2.9
15	Fairfield	4.1	5.5	6.4	-1.4	2.3	3.8	2.9	2.9	1.4	1.4	1.8	4.7	1.9	4.5	3.3	-0.9	6.3	6.7	6.4	7.3	7.0	8.2	8.2	7.8	8.2	8.2	8.2	8.2	8.2	0.3	8.2
16	Bergen	-0.2	-0.2	-0.1	-0.5	-1.5	-1.9	0.3	-3.1	0.8	0.8	-0.7	1.1	-0.3	1.1	-0.3	0.1	-0.3	-0.2	0.0	-0.2	-0.1	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	0.1	-0.3
17	Passaic	0.9	0.9	1.3	0.8	0.4	-2.0	1.3	-1.7	2.3	2.3	0.4	1.1	1.2	1.1	1.2	0.0	-0.1	-0.3	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.4	-0.2
18	Hudson	-2.0	-1.5	-2.0	-1.4	-2.4	-1.3	-1.5	-5.4	-0.9	-0.9	-2.9	1.1	-2.9	1.1	-2.9	-0.4	-0.3	-0.4	0.0	-0.3	-0.2	-0.6	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6	-0.4	-0.6
19	Essex	0.2	0.7	0.9	-0.8	-1.2	-1.5	1.1	-2.1	2.2	2.2	0.2	1.1	0.2	1.1	0.2	0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.3	-0.3	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	0.2	-0.3
20	Union	-0.6	-0.1	-0.1	-0.4	-0.1	-1.4	0.4	-3.1	1.1	1.1	-0.9	1.1	-0.9	1.1	-0.9	0.0	-0.2	-0.3	0.0	-0.2	-0.1	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	0.0	-0.4
21	Morris	2.1	2.6	3.4	1.4	2.5	-1.8	2.5	-0.1	5.0	5.0	2.9	1.1	2.9	1.1	2.9	0.7	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
22	Somerset	2.1	2.1	2.9	1.4	2.5	-1.8	2.5	-0.1	5.0	5.0	2.9	1.1	2.9	1.1	2.9	0.7	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
23	Middlesex	1.2	1.2	1.8	0.9	1.4	-1.7	1.4	-1.5	3.7	3.7	1.7	1.1	1.7	1.1	1.7	0.5	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.5	-0.1
24	Monmouth	2.1	2.1	2.9	1.4	2.2	-1.8	2.2	-0.4	5.0	5.0	2.9	1.1	2.9	1.1	2.9	0.7	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
25	Ocean	3.0	3.0	3.9	2.4	2.5	-1.8	2.5	-0.1	5.0	5.0	2.9	1.1	2.9	1.1	2.9	0.7	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
26	Hunterdon	3.0	3.0	3.9	2.4	2.5	-1.8	2.5	-0.1	5.0	5.0	2.9	1.1	2.9	1.1	2.9	0.7	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
27	Warren	3.0	3.0	3.9	2.4	2.5	-1.8	2.5	-0.1	5.0	5.0	2.9	1.1	2.9	1.1	2.9	0.7	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
28	Sussex	3.0	3.0	3.9	2.4	2.5	-1.8	2.5	-0.1	5.0	5.0	2.5	1.1	2.9	1.1	2.9	0.3	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
29	New Haven	4.1	4.1	4.8	-0.7	2.9	2.3	3.6	2.9	2.1	1.4	3.3	4.8	3.3	3.9	3.3	1.4	7.2	7.7	6.4	7.3	7.0	8.2	8.2	7.8	8.2	8.2	8.2	8.2	8.2	-0.6	8.2
30	Mercer	3.0	3.0	3.9	2.4	2.2	-1.8	2.2	-0.4	5.0	5.0	2.9	1.1	2.9	1.1	2.9	0.7	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0

Table A-4-8: County-To-County Factors - Purpose 8: At-Work

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	2.0	2.7	0.5	1.4	-2.8	0.8	-1.3	-2.5	1.3	1.3	-0.5	-0.2	0.2	-0.2	0.2	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.7	0.0
1	Valley Mn	-1.2	2.7	-0.1	1.3	-1.1	0.1	-2.1	-2.5	1.3	5.2	-0.5	-0.2	0.2	-0.2	0.2	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.7	0.0
2	Midtown Mn	0.6	0.6	2.9	1.1	-0.6	-2.5	-2.9	-2.5	1.3	1.3	0.4	-0.2	0.2	-0.2	0.2	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.7	0.0
3	Upper Mn	-3.5	-3.7	-4.8	-0.1	-5.2	-3.2	-3.9	-3.9	-1.4	-1.4	-1.4	-2.8	-0.7	-2.1	-0.7	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.7	0.0
4	Queens	-6.8	-5.4	-6.8	-6.5	-1.3	1.3	-2.5	0.1	-4.8	-4.8	-3.8	-1.4	-2.7	-0.7	-2.0	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.4	0.0
5	Bronx	-4.6	-4.6	-4.6	-4.4	-1.1	-1.2	-1.1	-1.1	-2.4	-4.8	-3.2	-1.4	-0.6	-1.4	-0.6	-1.4	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	-1.4	0.8
6	Kings	-12.3	-4.3	-4.2	-3.1	-3.5	-1.1	0.8	-1.1	-2.5	-4.8	-2.7	-0.7	-2.0	-0.7	-2.0	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.7	0.0
7	Richmond	-3.8	-3.8	-3.8	-3.1	-1.1	-1.1	-1.1	-0.6	-4.8	-4.1	-2.7	-1.4	-2.0	-1.4	-2.0	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.4	0.0
8	Nassau	-4.0	-2.0	-4.0	-2.4	-2.6	-3.2	-1.2	-3.2	-1.0	-0.3	-1.4	-1.4	-1.4	-0.7	-0.7	0.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.4	2.1
9	Suffolk	-4.0	-4.0	-4.0	-2.4	0.0	-3.2	-1.5	-2.5	-0.1	-0.4	-1.4	-1.4	-0.7	-0.7	-0.7	0.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.4	2.1
10	Westchester	-5.8	-5.8	-6.2	-2.2	-3.9	-2.7	-2.6	-2.6	-1.4	-1.4	-1.1	-2.4	-1.3	-3.4	-1.3	-1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.0	0.0
11	Rockland	-4.3	-5.0	-5.0	-1.4	-2.6	-2.6	-2.6	-2.6	-1.4	-0.7	-1.2	-2.8	-1.3	-2.4	-1.3	-2.1	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.6
12	Putnam	-5.1	-5.1	-5.8	-2.2	-2.6	-2.6	-2.6	-1.9	-1.4	-0.7	-1.3	-3.4	-1.5	-3.4	-1.3	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.0	0.0
13	Orange	-5.0	-5.0	-5.0	-1.4	-2.6	-2.6	-2.6	-2.6	-1.4	-1.4	-1.3	-2.4	-1.3	-3.8	-1.3	-2.1	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-2.1	-1.6
14	Dutchess	-5.1	-5.8	-5.8	-2.2	-2.6	-2.6	-2.6	-1.9	-1.4	-0.7	-1.3	-3.4	-1.3	-3.4	-1.5	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.0	0.0
15	Fairfield	-2.9	0.0	-2.9	-1.4	-1.4	-1.4	-1.4	-0.7	-1.4	-1.4	-1.7	-1.4	-2.4	-1.4	-2.4	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0
16	Bergen	-1.6	-1.6	-1.6	-0.7	0.0	-1.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
17	Passaic	-1.6	-1.6	-1.6	-0.7	0.0	-1.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
18	Hudson	-1.6	-1.6	-1.6	-0.7	0.0	-1.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
19	Essex	-1.6	-1.6	-1.6	-0.7	0.0	-1.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
20	Union	-1.6	-1.6	-1.6	-0.7	0.0	-1.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
21	Morris	-1.6	-1.6	-1.6	-0.7	0.0	-1.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
22	Somerset	-1.6	-1.6	-1.6	-0.7	0.0	-1.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
23	Middlesex	-1.6	-1.6	-1.6	-0.7	0.0	-1.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
24	Monmouth	-1.6	-1.6	-1.6	-0.7	0.0	-1.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
25	Ocean	-1.6	-1.6	-1.6	-0.7	0.0	-1.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
26	Hunterdon	-1.6	-1.6	-1.6	-0.7	0.0	-1.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
27	Warren	-1.6	-1.6	-1.6	-0.7	0.0	-1.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
28	Sussex	-1.6	-1.6	-1.6	-0.7	0.0	-1.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
29	New Haven	-2.9	-2.9	-2.9	-1.4	-1.4	-1.4	-1.4	-0.7	-1.4	-1.4	-2.4	-0.7	-2.4	-0.7	-1.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0
30	Mercer	-1.6	-1.6	-1.6	-0.7	0.0	-1.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0

Mode Share Adjustments

For the 2010 NYBPM Re-calibration, the "observed" or "target" mode shares were developed primarily from the 2010 RHTS survey data, with the appropriate GPS correction factors and ACS 2010-based weights applied in the tabulations of mode shares by tour-purpose. The motorized mode targets were computed for aggregate origin destination pairs based on meaningful travel corridors such as from Long Island to Manhattan. The indices developed to define the origin and destination pair varies by purpose and are shown in **Tables A-5-1 to A-5-8**. The motorized mode choice adjustment factors are shown in **Tables A-6-1 to A-6-8.**

The non-motorized targets were also revised based on the 2010 RHTS and were defined in an entirely different fashion than the motorized targets. Since the non-motorized mode choice occurs before the destination choice, only origins are known for these trips. The adjustments for the non-motorized model are based on origins only rather than based on both origin and destination. The indices for origin aggregation and estimated adjustment factors are shown in **Tables A-7 and A-8.**

These motorized and non-motorized targets were used in the auto calibration procedure of MDSC model to compute mode specific adjustment constants. It should be noted that the auto-calibration is done only during the calibration process and the targets are not used thereafter in regular forecasting model runs. The final mode share adjustment factors from the calibration runs will be used in all NYBPM runs, base year and future, for all scenarios to be analyzed.

Table A-5-1: Origin-Destination Based Indices for Mode Specific Constants - Purpose 1: Work / Low Income

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	1	1	1	1	2	2	2	2	2	2	2	39	2	39	2	2	32	39	32	39	32	39	39	39	39	39	39	39	39	2	39
1	Valley Mn	1	1	1	1	2	2	2	2	2	2	2	39	2	39	2	2	32	39	32	39	32	39	39	39	39	39	39	39	39	2	39
2	Midtown Mn	1	1	1	1	2	2	2	2	2	2	2	39	2	39	2	2	31	39	31	39	31	39	39	39	39	39	39	39	39	2	39
3	Upper Mn	1	1	1	1	2	2	2	2	2	2	2	38	2	38	2	2	30	38	30	38	30	38	38	38	38	38	38	38	38	2	38
4	Queens	3	3	3	3	7	7	7	11	11	11	11	41	11	41	11	11	34	41	34	41	34	41	41	41	41	41	41	41	41	11	41
5	Bronx	3	3	3	3	7	7	7	11	11	11	11	40	11	40	11	11	33	40	33	40	33	40	40	40	40	40	40	40	40	11	40
6	Kings	3	3	3	3	7	7	7	11	11	11	11	41	11	41	11	11	34	41	34	41	34	41	41	41	41	41	41	41	41	11	41
7	Richmond	5	5	5	5	11	11	11	8	11	11	11	42	11	42	11	11	35	42	35	42	35	42	42	42	42	42	42	42	42	11	42
8	Nassau	4	4	4	4	11	11	11	11	9	9	11	43	11	43	11	11	36	43	36	43	36	43	43	43	43	43	43	43	43	11	43
9	Suffolk	4	4	4	4	11	11	11	11	9	9	11	43	11	43	11	11	36	43	36	43	36	43	43	43	43	43	43	43	43	11	43
10	Westchester	6	6	6	6	11	11	11	11	11	11	10	44	10	44	10	10	37	44	37	44	37	44	44	44	44	44	44	44	44	10	44
11	Rockland	20	20	19	18	26	25	26	27	28	28	29	10	29	10	29	29	46	48	46	48	46	48	48	48	48	48	48	48	48	29	48
12	Putnam	6	6	6	6	11	11	11	11	11	11	10	44	10	44	10	10	37	44	37	44	37	44	44	44	44	44	44	44	44	10	44
13	Orange	20	20	19	18	26	25	26	27	28	28	29	10	29	10	29	29	46	48	46	48	46	48	48	48	48	48	48	48	48	29	48
14	Dutchess	6	6	6	6	11	11	11	11	11	11	10	44	10	44	10	10	37	44	37	44	37	44	44	44	44	44	44	44	44	10	44
15	Fairfield	6	6	6	6	11	11	11	11	11	11	10	44	10	44	10	10	37	44	37	44	37	44	44	44	44	44	44	44	44	10	44
16	Bergen	14	14	13	12	22	21	22	23	24	24	29	11	29	11	29	29	8	8	8	8	8	8	8	8	8	8	8	8	8	29	8
17	Passaic	17	17	16	15	26	25	26	27	28	28	29	11	29	11	29	29	45	47	45	47	45	47	47	47	47	47	47	47	47	29	47
18	Hudson	14	14	13	12	22	21	22	23	24	24	29	11	29	11	29	29	8	8	8	8	8	8	8	8	8	8	8	8	8	29	8
19	Essex	17	17	16	15	26	25	26	27	28	28	29	11	29	11	29	29	45	47	45	47	45	47	47	47	47	47	47	47	47	29	47
20	Union	14	14	13	12	22	21	22	23	24	24	29	11	29	11	29	29	8	8	8	8	8	8	8	8	8	8	8	8	8	29	8
21	Morris	17	17	16	15	26	25	26	27	28	28	29	11	29	11	29	29	45	47	45	47	45	47	47	47	47	47	47	47	47	29	47
22	Somerset	17	17	16	15	26	25	26	27	28	28	29	11	29	11	29	29	45	47	45	47	45	47	47	47	47	47	47	47	47	29	47
23	Middlesex	17	17	16	15	26	25	26	27	28	28	29	11	29	11	29	29	45	47	45	47	45	47	47	47	47	47	47	47	47	29	47
24	Monmouth	17	17	16	15	26	25	26	27	28	28	29	11	29	11	29	29	45	47	45	47	45	47	47	47	47	47	47	47	47	29	47
25	Ocean	17	17	16	15	26	25	26	27	28	28	29	11	29	11	29	29	45	47	45	47	45	47	47	47	47	47	47	47	47	29	47
26	Hunterdon	17	17	16	15	26	25	26	27	28	28	29	11	29	11	29	29	45	47	45	47	45	47	47	47	47	47	47	47	47	29	47
27	Warren	17	17	16	15	26	25	26	27	28	28	29	11	29	11	29	29	45	47	45	47	45	47	47	47	47	47	47	47	47	29	47
28	Sussex	17	17	16	15	26	25	26	27	28	28	29	11	29	11	29	29	45	47	45	47	45	47	47	47	47	47	47	47	47	29	47
29	New Haven	6	6	6	6	11	11	11	11	11	11	10	44	10	44	10	10	37	44	37	44	37	44	44	44	44	44	44	44	44	10	44
30	Mercer	17	17	16	15	26	25	26	27	28	28	29	11	29	11	29	29	45	47	45	47	45	47	47	47	47	47	47	47	47	29	47

Table A-5-2: Origin-Destination Based Indices for Mode Specific Constants - Purpose 2: Work / Middle Income

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	1	1	1	3	26	26	26	22	30	30	34	67	34	67	34	34	60	67	60	67	60	67	67	67	67	67	67	67	67	34	67
1	Valley Mn	1	77	1	3	26	26	26	22	30	30	34	67	34	67	34	34	60	67	60	67	60	67	67	67	67	67	67	67	67	34	67
2	Midtown Mn	1	1	78	3	26	26	26	22	30	30	34	67	34	67	34	34	59	67	59	67	59	67	67	67	67	67	67	67	67	34	67
3	Upper Mn	2	2	2	79	26	26	26	22	30	30	34	66	34	66	34	34	58	66	58	66	58	66	66	66	66	66	66	66	66	34	66
4	Queens	6	7	8	14	80	27	27	23	31	31	35	69	35	69	35	35	62	69	62	69	62	69	69	69	69	69	69	69	69	35	69
5	Bronx	4	4	5	14	27	81	27	23	31	31	35	68	35	68	35	35	61	68	61	68	61	68	68	68	68	68	68	68	68	35	68
6	Kings	9	10	11	14	27	27	82	23	31	31	35	69	35	69	35	35	62	69	62	69	62	69	69	69	69	69	69	69	69	35	69
7	Richmond	12	12	13	14	28	28	28	24	31	31	35	70	35	70	35	35	63	70	63	70	63	70	70	70	70	70	70	70	70	35	70
8	Nassau	16	16	17	15	29	29	29	25	32	32	35	71	35	71	35	35	64	71	64	71	64	71	71	71	71	71	71	71	71	35	71
9	Suffolk	16	16	17	15	29	29	29	25	32	32	35	71	35	71	35	35	64	71	64	71	64	71	71	71	71	71	71	71	71	35	71
10	Westchester	18	18	19	15	29	29	29	25	33	33	36	72	36	72	36	36	65	72	65	72	65	72	72	72	72	72	72	72	72	36	72
11	Rockland	47	47	46	45	54	53	54	55	56	56	57	36	57	36	57	57	74	76	74	76	74	76	76	76	76	76	76	76	76	57	76
12	Putnam	20	20	21	15	29	29	29	25	33	33	36	72	36	72	36	36	65	72	65	72	65	72	72	72	72	72	72	72	72	36	72
13	Orange	47	47	46	45	54	53	54	55	56	56	57	36	30	36	57	57	74	76	74	76	74	76	76	76	76	76	76	76	76	57	76
14	Dutchess	20	20	21	15	29	29	29	25	33	33	36	72	36	72	36	36	65	72	65	72	65	72	72	72	72	72	72	72	72	36	72
15	Fairfield	20	20	21	15	29	29	29	25	33	33	36	72	36	72	36	36	65	72	65	72	65	72	72	72	72	72	72	72	72	36	72
16	Bergen	41	41	40	39	49	48	49	50	51	51	52	37	52	37	52	52	38	38	38	38	38	38	38	38	38	38	38	38	38	52	38
17	Passaic	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
18	Hudson	41	41	40	39	49	48	49	50	51	51	52	37	52	37	52	52	38	38	38	38	38	38	38	38	38	38	38	38	38	52	38
19	Essex	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
20	Union	41	41	40	39	49	48	49	50	51	51	52	37	52	37	52	52	38	38	38	38	38	38	38	38	38	38	38	38	38	52	38
21	Morris	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
22	Somerset	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
23	Middlesex	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
24	Monmouth	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
25	Ocean	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
26	Hunterdon	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
27	Warren	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
28	Sussex	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
29	New Haven	20	20	21	15	29	29	29	25	33	33	36	72	36	72	36	36	65	72	65	72	65	72	72	72	72	72	72	72	72	36	72
30	Mercer	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75

Table A-5-3: Origin-Destination Based Indices for Mode Specific Constants - Purpose 3: Work / High Income

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	1	1	1	1	2	2	2	2	2	2	2	40	2	40	2	2	33	40	33	40	33	40	40	40	40	40	40	40	40	2	40
1	Valley Mn	1	1	1	1	2	2	2	2	2	2	2	40	2	40	2	2	33	40	33	40	33	40	40	40	40	40	40	40	40	2	40
2	Midtown Mn	1	1	1	1	2	2	2	2	2	2	2	40	2	40	2	2	32	40	32	40	32	40	40	40	40	40	40	40	40	2	40
3	Upper Mn	1	1	1	1	2	2	2	2	2	2	2	39	2	39	2	2	31	39	31	39	31	39	39	39	39	39	39	39	39	2	39
4	Queens	3	3	3	3	7	7	7	11	11	11	11	42	11	42	11	11	35	42	35	42	35	42	42	42	42	42	42	42	42	11	42
5	Bronx	3	3	3	3	7	7	7	11	11	11	11	41	11	41	11	11	34	41	34	41	34	41	41	41	41	41	41	41	41	11	41
6	Kings	3	3	3	3	7	7	7	11	11	11	11	42	11	42	11	11	35	42	35	42	35	42	42	42	42	42	42	42	42	11	42
7	Richmond	5	5	5	5	11	11	11	8	11	11	11	43	11	43	11	11	36	43	36	43	36	43	43	43	43	43	43	43	43	11	43
8	Nassau	4	4	4	4	11	11	11	11	9	9	11	44	11	44	11	11	37	44	37	44	37	44	44	44	44	44	44	44	44	11	44
9	Suffolk	4	4	4	4	11	11	11	11	9	9	11	44	11	44	11	11	37	44	37	44	37	44	44	44	44	44	44	44	44	11	44
10	Westchester	6	6	6	6	11	11	11	11	11	11	10	45	10	45	10	10	38	45	38	45	38	45	45	45	45	45	45	45	45	10	45
11	Rockland	20	20	19	18	27	26	27	28	29	29	30	10	30	10	30	30	47	49	47	49	47	49	49	49	49	49	49	49	49	30	49
12	Putnam	6	6	6	6	11	11	11	11	11	11	10	45	10	45	10	10	38	45	38	45	38	45	45	45	45	45	45	45	45	10	45
13	Orange	20	20	19	18	27	26	27	28	29	29	30	10	30	10	30	30	47	49	47	49	47	49	49	49	49	49	49	49	49	30	49
14	Dutchess	6	6	6	6	11	11	11	11	11	11	10	45	10	45	10	10	38	45	38	45	38	45	45	45	45	45	45	45	45	10	45
15	Fairfield	6	6	6	6	11	11	11	11	11	11	10	45	10	45	10	10	38	45	38	45	38	45	45	45	45	45	45	45	45	10	45
16	Bergen	14	14	13	12	22	21	22	23	24	24	25	11	25	11	25	25	8	8	8	8	8	8	8	8	8	8	8	8	8	25	8
17	Passaic	17	17	16	15	27	26	27	28	29	29	30	11	30	11	30	30	46	48	46	48	46	48	48	48	48	48	48	48	48	30	48
18	Hudson	14	14	13	12	22	21	22	23	24	24	25	11	25	11	25	25	8	8	8	8	8	8	8	8	8	8	8	8	8	25	8
19	Essex	17	17	16	15	27	26	27	28	29	29	30	11	30	11	30	30	46	48	46	48	46	48	48	48	48	48	48	48	48	30	48
20	Union	14	14	13	12	22	21	22	23	24	24	25	11	25	11	25	25	8	8	8	8	8	8	8	8	8	8	8	8	8	25	8
21	Morris	17	17	16	15	27	26	27	28	29	29	30	11	30	11	30	30	46	48	46	48	46	48	48	48	48	48	48	48	48	30	48
22	Somerset	17	17	16	15	27	26	27	28	29	29	30	11	30	11	30	30	46	48	46	48	46	48	48	48	48	48	48	48	48	30	48
23	Middlesex	17	17	16	15	27	26	27	28	29	29	30	11	30	11	30	30	46	48	46	48	46	48	48	48	48	48	48	48	48	30	48
24	Monmouth	17	17	16	15	27	26	27	28	29	29	30	11	30	11	30	30	46	48	46	48	46	48	48	48	48	48	48	48	48	30	48
25	Ocean	17	17	16	15	27	26	27	28	29	29	30	11	30	11	30	30	46	48	46	48	46	48	48	48	48	48	48	48	48	30	48
26	Hunterdon	17	17	16	15	27	26	27	28	29	29	30	11	30	11	30	30	46	48	46	48	46	48	48	48	48	48	48	48	48	30	48
27	Warren	17	17	16	15	27	26	27	28	29	29	30	11	30	11	30	30	46	48	46	48	46	48	48	48	48	48	48	48	48	30	48
28	Sussex	17	17	16	15	27	26	27	28	29	29	30	11	30	11	30	30	46	48	46	48	46	48	48	48	48	48	48	48	48	30	48
29	New Haven	6	6	6	6	11	11	11	11	11	11	10	45	10	45	10	10	38	45	38	45	38	45	45	45	45	45	45	45	45	10	45
30	Mercer	17	17	16	15	27	26	27	28	29	29	30	11	30	11	30	30	46	48	46	48	46	48	48	48	48	48	48	48	48	30	48

Table A-5-4: Origin-Destination Based Indices for Mode Specific Constants - Purpose 4: School

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1	Valley Mn	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2	Midtown Mn	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	Upper Mn	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	Queens	4	4	4	4	6	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	Bronx	4	4	4	4	9	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	Kings	4	4	4	4	9	9	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	Richmond	4	4	4	4	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	Nassau	5	5	5	5	10	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	Suffolk	5	5	5	5	10	10	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	Westchester	5	5	5	5	10	10	10	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	Rockland	5	5	5	5	10	10	10	10	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	Putnam	5	5	5	5	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	Orange	5	5	5	5	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	Dutchess	5	5	5	5	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
15	Fairfield	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	Bergen	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	Passaic	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	10	10	10	10	10
18	Hudson	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10	10
19	Essex	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10
20	Union	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	10	10	10	10	10	10	10	10	10	10
21	Morris	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	10	10	10	10	10	10	10	10	10
22	Somerset	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10
23	Middlesex	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10
24	Monmouth	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10
25	Ocean	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10
26	Hunterdon	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10
27	Warren	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10
28	Sussex	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	10	10
29	New Haven	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	10
30	Mercer	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7

Table A-5-5: Origin-Destination Based Indices for Mode Specific Constants - Purpose 5: University

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1	Valley Mn	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	Midtown Mn	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	Upper Mn	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	Queens	3	3	3	3	7	7	7	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
5	Bronx	3	3	3	3	7	7	7	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
6	Kings	3	3	3	3	7	7	7	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
7	Richmond	5	5	5	5	11	11	11	8	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	11	8
8	Nassau	4	4	4	4	11	11	11	11	9	9	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
9	Suffolk	4	4	4	4	11	11	11	11	9	9	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
10	Westchester	6	6	6	6	11	11	11	11	11	11	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	10	11
11	Rockland	6	6	6	6	11	11	11	11	11	11	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	10	11
12	Putnam	6	6	6	6	11	11	11	11	11	11	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	10	11
13	Orange	6	6	6	6	11	11	11	11	11	11	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	10	11
14	Dutchess	6	6	6	6	11	11	11	11	11	11	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	10	11
15	Fairfield	6	6	6	6	11	11	11	11	11	11	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	10	11
16	Bergen	5	5	5	5	11	11	11	8	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	11	8
17	Passaic	5	5	5	5	11	11	11	8	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	11	8
18	Hudson	5	5	5	5	11	11	11	8	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	11	8
19	Essex	5	5	5	5	11	11	11	8	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	11	8
20	Union	5	5	5	5	11	11	11	8	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	11	8
21	Morris	5	5	5	5	11	11	11	8	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	11	8
22	Somerset	5	5	5	5	11	11	11	8	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	11	8
23	Middlesex	5	5	5	5	11	11	11	8	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	11	8
24	Monmouth	5	5	5	5	11	11	11	8	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	11	8
25	Ocean	5	5	5	5	11	11	11	8	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	11	8
26	Hunterdon	5	5	5	5	11	11	11	8	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	11	8
27	Warren	5	5	5	5	11	11	11	8	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	11	8
28	Sussex	5	5	5	5	11	11	11	8	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	11	8
29	New Haven	6	6	6	6	11	11	11	11	11	11	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	10	11
30	Mercer	5	5	5	5	11	11	11	8	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	11	8

Table A-5-6: Origin-Destination Based Indices for Mode Specific Constants - Purpose 6: Maintenance

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	1	1	1	3	26	26	26	22	30	30	34	67	34	67	34	34	60	67	60	67	60	67	67	67	67	67	67	67	67	34	67
1	Valley Mn	1	77	1	3	26	26	26	22	30	30	34	67	34	67	34	34	60	67	60	67	60	67	67	67	67	67	67	67	67	34	67
2	Midtown Mn	1	1	78	3	26	26	26	22	30	30	34	67	34	67	34	34	59	67	59	67	59	67	67	67	67	67	67	67	67	34	67
3	Upper Mn	2	2	2	79	26	26	26	22	30	30	34	66	34	66	34	34	58	66	58	66	58	66	66	66	66	66	66	66	66	34	66
4	Queens	6	7	8	14	80	27	27	23	31	31	35	69	35	69	35	35	62	69	62	69	62	69	69	69	69	69	69	69	69	35	69
5	Bronx	4	4	5	14	27	81	27	23	31	31	35	68	35	68	35	35	61	68	61	68	61	68	68	68	68	68	68	68	68	35	68
6	Kings	9	10	11	14	27	27	82	23	31	31	35	69	35	69	35	35	62	69	62	69	62	69	69	69	69	69	69	69	69	35	69
7	Richmond	12	12	13	14	28	28	28	24	31	31	35	70	35	70	35	35	63	70	63	70	63	70	70	70	70	70	70	70	70	35	70
8	Nassau	16	16	17	15	29	29	29	25	32	32	35	71	35	71	35	35	64	71	64	71	64	71	71	71	71	71	71	71	71	35	71
9	Suffolk	16	16	17	15	29	29	29	25	32	32	35	71	35	71	35	35	64	71	64	71	64	71	71	71	71	71	71	71	71	35	71
10	Westchester	18	18	19	15	29	29	29	25	33	33	36	72	36	72	36	36	65	72	65	72	65	72	72	72	72	72	72	72	72	36	72
11	Rockland	47	47	46	45	54	53	54	55	56	56	57	36	57	36	57	57	74	76	74	76	74	76	76	76	76	76	76	76	76	57	76
12	Putnam	20	20	21	15	29	29	29	25	33	33	36	72	36	72	36	36	65	72	65	72	65	72	72	72	72	72	72	72	72	36	72
13	Orange	47	47	46	45	54	53	54	55	56	56	57	36	30	36	57	57	74	76	74	76	74	76	76	76	76	76	76	76	76	57	76
14	Dutchess	20	20	21	15	29	29	29	25	33	33	36	72	36	72	36	36	65	72	65	72	65	72	72	72	72	72	72	72	72	36	72
15	Fairfield	20	20	21	15	29	29	29	25	33	33	36	72	36	72	36	36	65	72	65	72	65	72	72	72	72	72	72	72	72	36	72
16	Bergen	41	41	40	39	49	48	49	50	51	51	52	37	52	37	52	52	38	38	38	38	38	38	38	38	38	38	38	38	38	52	38
17	Passaic	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
18	Hudson	41	41	40	39	49	48	49	50	51	51	52	37	52	37	52	52	38	38	38	38	38	38	38	38	38	38	38	38	38	52	38
19	Essex	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
20	Union	41	41	40	39	49	48	49	50	51	51	52	37	52	37	52	52	38	38	38	38	38	38	38	38	38	38	38	38	38	52	38
21	Morris	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
22	Somerset	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
23	Middlesex	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
24	Monmouth	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
25	Ocean	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
26	Hunterdon	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
27	Warren	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
28	Sussex	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
29	New Haven	20	20	21	15	29	29	29	25	33	33	36	72	36	72	36	36	65	72	65	72	65	72	72	72	72	72	72	72	72	36	72
30	Mercer	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75

Table A-5-7: Origin-Destination Based Indices for Mode Specific Constants - Purpose 7: Discretionary

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	1	1	1	3	26	26	26	22	30	30	34	67	34	67	34	34	60	67	60	67	60	67	67	67	67	67	67	67	67	34	67
1	Valley Mn	1	77	1	3	26	26	26	22	30	30	34	67	34	67	34	34	60	67	60	67	60	67	67	67	67	67	67	67	67	34	67
2	Midtown Mn	1	1	78	3	26	26	26	22	30	30	34	67	34	67	34	34	59	67	59	67	59	67	67	67	67	67	67	67	67	34	67
3	Upper Mn	2	2	2	79	26	26	26	22	30	30	34	66	34	66	34	34	58	66	58	66	58	66	66	66	66	66	66	66	66	34	66
4	Queens	6	7	8	14	80	27	27	23	31	31	35	69	35	69	35	35	62	69	62	69	62	69	69	69	69	69	69	69	69	35	69
5	Bronx	4	4	5	14	27	81	27	23	31	31	35	68	35	68	35	35	61	68	61	68	61	68	68	68	68	68	68	68	68	35	68
6	Kings	9	10	11	14	27	27	82	23	31	31	35	69	35	69	35	35	62	69	62	69	62	69	69	69	69	69	69	69	69	35	69
7	Richmond	12	12	13	14	28	28	28	24	31	31	35	70	35	70	35	35	63	70	63	70	63	70	70	70	70	70	70	70	70	35	70
8	Nassau	16	16	17	15	29	29	29	25	32	32	35	71	35	71	35	35	64	71	64	71	64	71	71	71	71	71	71	71	71	35	71
9	Suffolk	16	16	17	15	29	29	29	25	32	32	35	71	35	71	35	35	64	71	64	71	64	71	71	71	71	71	71	71	71	35	71
10	Westchester	18	18	19	15	29	29	29	25	33	33	36	72	36	72	36	36	65	72	65	72	65	72	72	72	72	72	72	72	72	36	72
11	Rockland	47	47	46	45	54	53	54	55	56	56	57	36	57	36	57	57	74	76	74	76	74	76	76	76	76	76	76	76	76	57	76
12	Putnam	20	20	21	15	29	29	29	25	33	33	36	72	36	72	36	36	65	72	65	72	65	72	72	72	72	72	72	72	72	36	72
13	Orange	47	47	46	45	54	53	54	55	56	56	57	36	30	36	57	57	74	76	74	76	74	76	76	76	76	76	76	76	76	57	76
14	Dutchess	20	20	21	15	29	29	29	25	33	33	36	72	36	72	36	36	65	72	65	72	65	72	72	72	72	72	72	72	72	36	72
15	Fairfield	20	20	21	15	29	29	29	25	33	33	36	72	36	72	36	36	65	72	65	72	65	72	72	72	72	72	72	72	72	36	72
16	Bergen	41	41	40	39	49	48	49	50	51	51	52	37	52	37	52	52	38	38	38	38	38	38	38	38	38	38	38	38	38	52	38
17	Passaic	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
18	Hudson	41	41	40	39	49	48	49	50	51	51	52	37	52	37	52	52	38	38	38	38	38	38	38	38	38	38	38	38	38	52	38
19	Essex	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
20	Union	41	41	40	39	49	48	49	50	51	51	52	37	52	37	52	52	38	38	38	38	38	38	38	38	38	38	38	38	38	52	38
21	Morris	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
22	Somerset	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
23	Middlesex	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
24	Monmouth	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
25	Ocean	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
26	Hunterdon	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
27	Warren	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
28	Sussex	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75
29	New Haven	20	20	21	15	29	29	29	25	33	33	36	72	36	72	36	36	65	72	65	72	65	72	72	72	72	72	72	72	72	36	72
30	Mercer	44	44	43	42	54	53	54	55	56	56	57	37	57	37	57	57	73	75	73	75	73	75	75	75	75	75	75	75	75	57	75

Table A-5-8: Origin-Destination Based Indices for Mode Specific Constants - Purpose 8: At-Work

	O / D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	Lower Mn	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1	Valley Mn	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2	Midtown Mn	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	Upper Mn	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	Queens	2	2	2	2	6	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
5	Bronx	2	2	2	2	9	6	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
6	Kings	2	2	2	2	9	9	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
7	Richmond	2	2	2	2	8	8	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8	Nassau	5	5	5	10	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
9	Suffolk	5	5	5	10	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
10	Westchester	5	5	5	10	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
11	Rockland	5	5	5	10	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
12	Putnam	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
13	Orange	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
14	Dutchess	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
15	Fairfield	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
16	Bergen	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8
17	Passaic	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
18	Hudson	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8	8	8
19	Essex	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8	8
20	Union	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8
21	Morris	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8
22	Somerset	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
23	Middlesex	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
24	Monmouth	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
25	Ocean	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
26	Hunterdon	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
27	Warren	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
28	Sussex	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	8	8
29	New Haven	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	8
30	Mercer	5	5	5	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7

Table A-6-1: Mode Specific Constants - Purpose 1: Work / Low Income

Index	District Name	SOV	HOV 2	HOV 3	HOV4+	WT	DT	WC	WC	Taxi	NM	SB
1	InManhattan	10.03	-2.32	-0.15	-99.00	-1.29	-4.25	-99.00	-99.00	5.33	0.00	-99.00
2	FromManhattan	9.70	-10.81	-10.10	-10.71	0.48	-99.00	-3.33	-99.00	-99.00	0.00	-99.00
3	QBBtoManh	-1.21	-1.46	-0.54	-31.42	-0.08	-2.67	-2.30	-3.06	-99.00	0.00	-99.00
4	LItoManh	3.79	4.43	6.99	7.01	10.74	6.23	11.26	6.20	-99.00	0.00	-99.00
5	SItoManh	-1.03	-0.44	3.58	3.11	9.96	-0.68	66.11	1.62	-99.00	0.00	-99.00
6	UpperNY/CTtoManh	-39.00	-39.02	-35.18	-35.06	-24.73	-31.05	-99.00	-99.00	-99.00	0.00	-99.00
7	WithinQBB	-2.75	-2.24	-1.73	-3.59	-0.14	-0.49	-99.00	-99.00	0.20	0.00	-99.00
8	WithinNJ/SI	-11.65	-15.89	-14.86	-14.87	28.82	-13.91	27.22	-16.85	-9.81	0.00	-99.00
9	WithinLI	-3.55	-1.73	-0.98	-0.50	3.13	0.81	4.76	-1.81	4.59	0.00	-99.00
10	WithinUpperNY/CT	-3.71	-1.51	-0.53	-0.66	6.05	0.89	3.55	-1.38	3.96	0.00	-99.00
11	AllOthers	-3.88	-3.14	-1.91	-2.90	5.49	2.92	-0.23	-4.35	6.02	0.00	-99.00
12	PNJtoUptown	1.60	-1.57	0.01	0.94	1.18	-0.91	1.03	-1.49	-99.00	0.00	-99.00
13	PNJtoMidtown	-2.21	-2.52	-0.13	0.42	2.09	-0.73	0.29	-2.92	-99.00	0.00	-99.00
14	PNJtoDwntwnValley	-2.45	-2.58	-0.51	0.24	1.85	-0.26	0.78	-2.91	-99.00	0.00	-99.00
15	ONJtoUptown	6.33	1.16	2.70	3.71	-1.45	1.24	-2.84	0.28	-99.00	0.00	-99.00
16	ONJtoMidtown	-0.98	-0.08	2.48	3.09	0.19	2.95	-1.32	1.00	-99.00	0.00	-99.00
17	ONJtoDwntwnValley	-1.00	0.12	2.61	3.35	-0.71	2.79	-0.02	1.57	-99.00	0.00	-99.00
18	WHR-NYtoUptown	18.63	17.67	18.77	21.56	18.14	18.80	-99.00	22.32	-99.00	0.00	-99.00
19	WHR-NYtoMidtown	1.53	2.29	4.65	5.53	2.01	5.42	-3.57	0.24	-99.00	0.00	-99.00
20	WHR-NYtoDwntwnValley	2.51	3.08	6.26	5.77	3.52	5.32	-0.14	2.31	-99.00	0.00	-99.00
21	PNJtoBronx	-0.06	-2.00	-1.00	-0.61	4.36	0.73	2.55	0.58	-99.00	0.00	-99.00
22	PNJtoQn/Bklyn	-0.84	-1.35	0.22	0.31	3.52	2.69	1.82	-0.20	-99.00	0.00	-99.00
23	PNJtoSI	2.89	0.04	0.40	0.71	10.44	-99.00	7.76	4.64	-99.00	0.00	-99.00
24	PNJtoLI	3.66	0.21	1.29	1.67	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
25	ONJ/WHR-NYtoBronx	3.29	-0.98	0.39	0.64	-1.85	0.73	-2.58	-0.24	-99.00	0.00	-99.00
26	ONJ/WHR-NYtoQn/Bklyn	-0.13	1.24	3.13	3.62	3.56	5.77	2.59	3.18	-99.00	0.00	-99.00
27	ONJ/WHR-NYtoSI	4.36	-0.67	-0.76	0.05	1.48	0.47	-99.00	1.53	-99.00	0.00	-99.00
28	ONJ/WHR-NYtoLI	1.01	2.16	4.04	4.54	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
29	PNJ/ONJ/WHR-NYtoOthNY/CT	6.21	5.55	5.97	7.77	10.11	10.84	10.93	10.88	-99.00	0.00	-99.00
30	UptowntoPNJ	12.46	-2.65	-1.52	-0.47	-0.66	-99.00	-1.88	-99.00	-99.00	0.00	-99.00
31	MidtowntoPNJ	18.85	2.16	4.68	5.06	7.59	-99.00	5.96	-99.00	-99.00	0.00	-99.00
32	DwntwnValleytoPNJ	13.61	-3.25	-0.72	0.48	2.24	-99.00	0.14	-99.00	-99.00	0.00	-99.00
33	BronxtoPNJ	3.98	0.31	0.35	1.36	-1.72	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
34	Qn/BklyntoPNJ	1.65	-1.82	0.16	0.90	-1.51	-2.55	-3.45	-99.00	-99.00	0.00	-99.00
35	SItoPNJ	1.50	-0.63	0.31	1.32	3.86	4.37	-99.00	-99.00	-99.00	0.00	-99.00
36	LItoPNJ	13.60	12.57	16.01	17.55	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
37	OthNY/CTtoPNJ	1.79	1.25	2.97	3.29	-0.52	-99.00	-99.00	-99.00	-99.00	0.00	-99.00

38	UptowntoONJ	10.93	-5.03	-4.30	-3.11	-3.16	-99.00	-3.23	-99.00	-99.00	0.00	-99.00
39	Mid/DwnValltoONJ	13.98	-0.95	1.49	2.16	1.06	-99.00	-2.15	-99.00	-99.00	0.00	-99.00
40	BronxtoONJ	6.00	3.44	4.20	5.36	2.11	-99.00	2.60	-99.00	-99.00	0.00	-99.00
41	Qn/BklyntoONJ	1.23	-0.77	0.62	1.32	-4.17	-99.00	-4.21	-99.00	-99.00	0.00	-99.00
42	SItoONJ	2.34	0.10	1.39	1.99	5.06	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
43	LItoONJ	29.66	34.21	34.83	34.83	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
44	OthNY/CTtoONJ	0.20	0.54	1.85	2.66	-2.60	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
45	ONJtoPNJ	1.59	-3.71	-3.20	-3.27	-5.20	-3.84	-4.29	-2.80	-3.20	0.00	-99.00
46	WHR-NYtoPNJ	0.59	-1.21	0.01	-0.14	-2.55	-0.03	-1.89	0.54	0.39	0.00	-99.00
47	ONJtoONJ	1.03	-3.32	-2.58	-2.81	-6.06	-4.81	-4.99	-4.84	-2.79	0.00	-99.00
48	WHR-NYtoONJ	0.64	-1.30	-0.02	-0.21	-99.00	5.20	-99.00	2.10	0.00	0.00	-99.00

Table A-6-2: Mode Specific Constants - Purpose 2: Work / Middle Income

Index	District Name	SOV	HOV 2	HOV 3	HOV4+	WT	DT	WC	WC	Taxi	NM	SB
1	InManh CBD	-0.73	-3.06	-99.00	-99.00	0.09	-99.00	24.95	-99.00	-0.82	0.00	-99.00
2	UpperManh/CBD	-0.59	-0.18	1.44	-99.00	0.19	-2.77	-1.17	-0.45	-0.11	0.00	-99.00
3	CBD/UpperManh	-99.00	-99.00	-99.00	-99.00	-0.33	-99.00	-99.00	13.04	1.29	0.00	-99.00
4	Bronx/Lo&Valley Manh	0.29	0.65	-99.00	0.95	0.14	-0.75	-1.57	-99.00	-4.49	0.00	-99.00
5	Bronx/Mid Manh	-1.15	0.68	-99.00	-99.00	0.29	0.54	-2.55	-1.62	-99.00	0.00	-99.00
6	Qns/Lo Manh	-99.00	-99.00	-99.00	-99.00	0.32	0.63	-99.00	0.27	-99.00	0.00	-99.00
7	Qns/Valley Manh	-1.50	2.28	2.07	4.01	-0.31	-0.25	-1.55	-0.77	-99.00	0.00	-99.00
8	Qns/Mid Manh	-2.65	0.91	2.64	-99.00	0.69	-0.98	-4.30	-0.57	-99.00	0.00	-99.00
9	Bkln/Lo Manh	-99.00	-99.00	-2.13	-99.00	0.34	-3.33	-99.00	-99.00	-0.65	0.00	-99.00
10	Bkln/Valley Manh	-0.35	0.10	-0.59	-99.00	0.22	-1.09	-99.00	-99.00	-99.00	0.00	-99.00
11	Bkln/Mid Manh	-4.36	-2.06	-99.00	-99.00	0.26	-5.96	24.95	-99.00	-99.00	0.00	-99.00
12	SI/Lo&Valley Manh	-1.08	0.47	-99.00	-99.00	0.47	-1.28	-99.00	-99.00	-99.00	0.00	-99.00
13	SI/Mid Manh	-3.43	-99.00	-99.00	1.15	0.68	-3.23	-99.00	-99.00	-99.00	0.00	-99.00
14	Othey NYC/Up Manh	-0.17	0.45	2.72	-99.00	-0.06	-1.53	-0.06	-99.00	-1.51	0.00	-99.00
15	LI&NYS-Sbrb&CT/Up Manh	0.77	-4.70	-1.72	-99.00	-2.34	-3.81	-0.56	-2.73	8.44	0.00	-99.00
16	LI/Lo&Valley Manh	-0.63	-2.08	-99.00	-99.00	1.05	0.09	1.73	-1.55	-99.00	0.00	-99.00
17	LI/Mid Manh	-2.74	-0.16	-99.00	-99.00	1.81	0.62	1.53	-1.78	-99.00	0.00	-99.00
18	Westchester/Lo&Valley Manh	1.03	-1.97	-99.00	-99.00	-1.65	-99.00	0.92	1.14	-99.00	0.00	-99.00
19	Westchester/Mid Manh	-0.81	2.68	-99.00	-99.00	-4.01	-99.00	0.51	-0.66	-99.00	0.00	-99.00
20	NYS-Sbrb&CT/Lo&Valley Manh	-6.41	-99.00	-99.00	-99.00	-99.00	-99.00	5.09	-5.23	-99.00	0.00	-99.00
21	NYS-Sbrb&CT/Upper Manh	-4.10	0.95	1.34	-99.00	-99.00	-99.00	3.79	-1.64	-99.00	0.00	-99.00
22	Manh/SI	1.35	-99.00	-99.00	-99.00	0.70	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
23	BxQnsBkln/SI	-1.64	-99.00	-99.00	-99.00	-1.42	2.18	-99.00	11.54	-99.00	0.00	-99.00
24	Within SI	-0.53	0.79	0.85	1.51	-0.20	-99.00	24.95	-99.00	0.73	0.00	-99.00
25	LI&NYS-EOH&CT/SI	0.62	-99.00	-99.00	-99.00	-99.00	-99.00	-0.30	-99.00	-99.00	0.00	-99.00
26	Manh/Bx&Qns&Bkln	-0.33	0.92	-0.60	-99.00	-0.75	-99.00	-3.78	3.33	2.28	0.00	-99.00
27	Inter Bx&Qns&Bkln	-0.87	0.58	-0.85	2.03	0.17	0.46	1.18	-99.00	-99.00	0.00	-99.00
28	SI/Bx&Qns&Bkln	-0.53	1.32	0.72	-0.45	-0.44	0.32	-99.00	-99.00	-99.00	0.00	-99.00
29	LI&NYS-EOH&CT/Bx&Qns&Bkln	-0.51	0.85	-0.09	1.69	0.53	0.51	0.83	0.14	3.20	0.00	-99.00
30	Manh/LI	1.25	1.84	-99.00	-99.00	-99.00	-99.00	-1.00	-99.00	-99.00	0.00	-99.00
31	Other NYC/LI	0.09	1.04	0.76	-99.00	-2.38	-99.00	-2.22	0.13	-99.00	0.00	-99.00
32	WithinLI	0.06	-0.30	0.67	-0.32	-2.16	-99.00	-2.23	-2.50	3.39	0.00	-99.00
33	NYS-EOH&CT/LI	0.42	-99.00	-99.00	-99.00	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
34	Manh/NYS-EOH&CT	0.66	0.90	-2.05	-99.00	-99.00	3.52	-2.97	1.99	1.27	0.00	-99.00

35	Other NYC&LI/NYS-EOH&CT	-2.01	0.67	0.82	2.53	-2.81	-0.49	-2.51	0.84	6.84	0.00	-99.00
36	Within UpperNYS&CT - No HRX	-0.22	0.32	0.70	0.51	2.04	0.50	2.43	0.02	3.39	0.00	-99.00
37	NJ/NYS-WHO	0.52	-0.17	-0.45	-1.21	-2.02	-1.64	-3.82	-0.78	-5.94	0.00	-99.00
38	PNJ/NJ	0.27	-0.31	-0.51	-0.25	-1.43	-0.96	0.65	-0.26	-5.07	0.00	-99.00
39	PNJtoUptown	0.86	-0.65	0.13	0.86	0.38	-0.53	-1.11	-1.78	-99.00	0.00	-99.00
40	PNJtoMidtown	-1.72	-0.54	0.36	1.30	1.03	-0.13	-0.92	-1.71	-99.00	0.00	-99.00
41	PNJtoDwntwnValley	-1.02	-0.02	0.86	1.80	0.40	-0.10	-0.26	-1.21	-99.00	0.00	-99.00
42	ONJtoUptown	0.92	0.56	1.47	2.46	-0.81	1.29	-2.04	-0.20	-99.00	0.00	-99.00
43	ONJtoMidtown	-2.86	-0.50	0.47	1.55	0.52	2.69	-0.94	0.14	-99.00	0.00	-99.00
44	ONJtoDwntwnValley	-1.26	0.56	1.50	2.69	-0.57	2.40	-0.12	0.62	-99.00	0.00	-99.00
45	WHR-NYtoUptown	1.38	0.19	0.93	1.88	-2.84	0.53	-99.00	-3.10	-99.00	0.00	-99.00
46	WHR-NYtoMidtown	-0.52	1.04	2.03	3.12	-1.70	2.05	-5.68	-2.24	-99.00	0.00	-99.00
47	WHR-NYtoDwntwnValley	0.10	1.48	2.55	3.65	-1.47	1.55	-4.34	-1.14	-99.00	0.00	-99.00
48	PNJtoBronx	-0.61	-0.76	-0.79	-0.05	4.22	1.39	1.54	0.08	-99.00	0.00	-99.00
49	PNJtoQn/Bklyn	-1.86	-0.88	-0.74	0.10	4.32	1.94	1.36	-0.83	-99.00	0.00	-99.00
50	PNJtoSI	0.14	-1.14	-1.53	-1.20	3.04	-99.00	-99.00	-0.14	-99.00	0.00	-99.00
51	PNJtoLI	0.05	0.41	0.80	1.76	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
52	PNJtoOthNY/CT	-1.69	-2.74	-2.89	-2.18	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
53	ONJ/WHR-NYtoBronx	-0.16	0.27	0.64	1.50	1.38	2.91	-0.08	0.39	-99.00	0.00	-99.00
54	ONJ/WHR-NYtoQn/Bklyn	-0.91	0.52	0.93	1.79	2.26	3.91	0.43	0.13	-99.00	0.00	-99.00
55	ONJ/WHR-NYtoSI	0.24	-0.74	-1.00	-0.56	-1.42	0.46	-99.00	-0.48	-99.00	0.00	-99.00
56	ONJ/WHR-NYtoLI	-0.84	1.06	2.03	2.83	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
57	ONJ/WHR-NYtoOthNY/CT	0.45	0.55	0.85	1.78	-0.30	3.08	-5.77	-3.27	-99.00	0.00	-99.00
58	UptowntoPNJ	0.56	-1.25	-1.39	0.34	0.07	-99.00	-1.73	-99.00	-99.00	0.00	-99.00
59	MidtowntoPNJ	-1.62	-2.34	-2.39	-1.08	1.86	-99.00	-1.11	-99.00	-99.00	0.00	-99.00
60	DwntwnValleytoPNJ	-1.56	-4.85	-2.61	-0.95	0.95	-99.00	-1.88	-99.00	-99.00	0.00	-99.00
61	BronxtoPNJ	0.55	-0.24	-0.63	0.15	-2.72	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
62	Qn/BklyntoPNJ	-0.24	-0.31	0.60	1.73	-0.91	-2.19	-2.32	-99.00	-99.00	0.00	-99.00
63	SItoPNJ	-0.01	-2.74	-2.91	-1.96	0.67	0.43	-99.00	-99.00	-99.00	0.00	-99.00
64	LItoPNJ	-0.93	-1.72	-0.11	2.39	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
65	OthNY/CTtoPNJ	-0.26	0.68	1.02	1.93	-3.10	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
66	UptowntoONJ	1.00	-0.92	-1.09	0.83	-0.27	-99.00	-1.48	-99.00	-99.00	0.00	-99.00
67	Mid/DwnValltoONJ	1.10	-0.15	-0.53	1.51	0.16	-99.00	-2.35	-99.00	-99.00	0.00	-99.00
68	BronxtoONJ	0.23	0.46	0.27	1.21	-3.77	-99.00	-5.63	-99.00	-99.00	0.00	-99.00
69	Qn/BklyntoONJ	-0.81	0.57	0.88	1.93	-3.69	-99.00	-4.03	-99.00	-99.00	0.00	-99.00
70	SItoONJ	0.46	-2.63	-3.14	-2.60	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00

71	LItoONJ	-2.20	1.34	1.49	2.64	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
72	OthNYS/CTtoONJ	-0.50	0.95	0.90	1.94	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
73	ONJtoPNJ	0.19	-0.29	-0.51	-0.29	-0.20	0.31	-0.06	0.10	-4.90	0.00	-99.00
74	WOHtoPNJ	0.27	-0.20	-0.34	-0.15	-2.38	-0.89	-3.51	-0.21	-4.58	0.00	-99.00
75	ONJtoONJ	0.20	-0.30	-0.50	-0.28	-2.40	-1.51	-1.52	-2.09	-4.58	0.00	-99.00
76	WOHtoONJ	0.24	-0.33	-0.53	-0.31	-99.00	-0.24	-99.00	-3.19	-4.38	0.00	-99.00
77	inValeyManh	-1.80	-99.00	-0.41	-99.00	0.80	-1.45	-99.00	-99.00	1.55	0.00	-99.00
78	inMidManh	-99.00	-99.00	-0.86	-99.00	0.59	-99.00	-99.00	-99.00	-0.93	0.00	-99.00
79	inUpperManh	0.46	-0.56	0.33	-99.00	0.39	-99.00	-99.00	-99.00	-2.27	0.00	-99.00
80	inQueens	-0.69	0.70	1.34	1.63	0.44	-0.92	0.88	-99.00	-99.00	0.00	-99.00
81	inBronx	-2.49	0.57	1.84	0.53	0.43	-0.71	-99.00	-99.00	3.55	0.00	-99.00
82	inKings	-1.79	0.83	0.74	1.90	0.44	-1.22	24.95	-99.00	-0.22	0.00	-99.00

Table A-6-3: Mode Specific Constants - Purpose 3: Work / High Income

Index	District Name	SOV	HOV 2	HOV 3	HOV4+	WT	DT	WC	WC	Taxi	NM	SB
1	InManhattan	-0.88	-1.00	0.60	-1.00	-0.07	-3.98	-99.00	-99.00	0.83	0.00	-99.00
2	FromManhattan	-0.42	1.13	0.62	-99.00	0.20	-0.25	1.84	3.14	0.22	0.00	-99.00
3	QBBtoManh	-0.20	-0.05	0.49	-99.00	1.05	-1.40	0.20	1.03	-0.35	0.00	-99.00
4	LItoManh	-1.22	0.73	0.31	-0.74	-1.01	-3.26	0.21	1.00	3.25	0.00	-99.00
5	SItoManh	-29.87	-28.46	-28.40	-27.32	-26.04	-28.74	-99.00	-99.00	-26.21	0.00	-99.00
6	UpperNY/CTtoMan	-1.07	-0.93	-1.15	-1.72	-0.91	-1.77	0.72	0.16	5.24	0.00	-99.00
7	WithinQBB	-0.20	0.08	0.38	-0.77	1.16	-1.71	-99.00	-99.00	0.09	0.00	-99.00
8	WithinNJ/SI	0.27	-0.32	-0.01	-1.04	1.02	-2.38	4.62	-1.08	-1.85	0.00	-99.00
9	WithinLI	0.03	0.37	0.07	0.63	-0.74	-28.82	-99.00	-1.53	0.26	0.00	-99.00
10	WithinUpperNY/CT	0.21	-0.28	0.14	0.53	-0.45	-99.00	1.19	0.06	-0.31	0.00	-99.00
11	AllOthers	0.31	-0.39	0.62	0.09	-0.18	-2.30	0.43	-0.14	-0.66	0.00	-99.00
12	PNJtoUptown	0.21	-0.71	-0.39	0.32	2.46	-0.93	-0.65	-1.98	-99.00	0.00	-99.00
13	PNJtoMidtown	-2.28	-0.98	-0.10	0.30	2.22	-1.48	-1.28	-2.59	-99.00	0.00	-99.00
14	PNJtoDwntnValley	-2.42	-1.00	-0.30	0.21	2.03	-0.95	-0.96	-2.48	-99.00	0.00	-99.00
15	ONJtoUptown	0.84	0.93	1.75	2.48	2.02	2.11	0.87	-0.10	-99.00	0.00	-99.00
16	ONJtoMidtown	-2.24	0.37	0.94	1.74	2.04	2.52	0.88	0.25	-99.00	0.00	-99.00
17	ONJtoDwntnValley	-1.74	0.49	1.12	1.94	1.23	2.46	1.68	0.66	-99.00	0.00	-99.00
18	WHR-NYtoUptown	1.26	0.65	1.15	1.89	-1.43	0.41	-99.00	-2.32	-99.00	0.00	-99.00
19	WHR-NYtoMidtown	-0.36	1.46	2.25	2.91	-0.85	1.78	-4.53	-1.23	-99.00	0.00	-99.00
20	WHR-NYtoDwntwnValley	0.28	1.90	2.64	3.33	-0.48	1.29	-2.78	-0.22	-99.00	0.00	-99.00
21	PNJtoBronx	-0.63	-0.51	-0.80	-0.43	5.41	1.17	2.05	0.38	-99.00	0.00	-99.00
22	PNJtoQn/Bklyn	-2.65	-1.32	-1.62	-1.01	5.85	0.37	0.98	-1.59	-99.00	0.00	-99.00
23	PNJtoSI	0.82	-0.74	-0.91	-0.48	5.92	-99.00	-99.00	0.84	-99.00	0.00	-99.00
24	PNJtoLI	-0.03	1.69	1.68	2.16	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
25	PNJtoOthNY/CT	-1.97	-2.04	-2.23	-1.07	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
26	ONJ/WHR-NYtoBronx	-0.03	1.00	1.07	1.71	2.55	2.57	2.97	2.19	-99.00	0.00	-99.00
27	ONJ/WHR-NYtoQn/Bklyn	-1.16	1.38	1.39	1.97	4.05	3.73	3.24	1.23	-99.00	0.00	-99.00
28	ONJ/WHR-NYtoSI	0.46	-0.81	-1.54	-1.33	0.89	1.16	-99.00	-0.08	-99.00	0.00	-99.00
29	ONJ/WHR-NYtoLI	-0.35	2.15	2.75	3.30	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
30	ONJ/WHR-NYtoOthNY/CT	-0.04	0.63	0.71	1.51	-0.71	0.38	-2.24	0.01	-99.00	0.00	-99.00
31	UptowntoPNJ	0.34	-0.83	-0.16	0.90	0.88	-99.00	-0.68	-99.00	-99.00	0.00	-99.00
32	MidtowntoPNJ	-1.06	-1.59	0.56	0.68	3.73	-99.00	0.53	-99.00	-99.00	0.00	-99.00
33	DwntnValleytoPNJ	-1.80	-4.57	-1.26	-0.17	1.67	-99.00	-1.03	-99.00	-99.00	0.00	-99.00
34	BronxtoPNJ	1.41	1.56	2.04	2.62	0.39	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
35	Qn/BklyntoPNJ	-0.94	-0.09	1.31	1.82	0.46	-1.78	-0.55	-99.00	-99.00	0.00	-99.00
36	SItoPNJ	-0.10	-1.57	-1.70	-0.81	2.70	0.96	-99.00	-99.00	-99.00	0.00	-99.00

37	LItoPNJ	-1.37	-1.11	0.40	2.38	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
38	OthNY/CTtoPNJ	-0.27	1.05	1.22	1.70	-2.27	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
39	UptowntoONJ	0.88	-0.39	0.43	1.72	0.18	-99.00	-0.70	-99.00	-99.00	0.00	-99.00
40	Mid/DwnValltoONJ	0.93	0.21	0.77	2.59	1.07	-99.00	-1.45	-99.00	-99.00	0.00	-99.00
41	BronxtoONJ	1.52	2.67	3.11	3.18	1.43	-99.00	0.66	-99.00	-99.00	0.00	-99.00
42	Qn/BklyntoONJ	-1.51	0.81	1.82	2.25	-3.17	-99.00	-2.67	-99.00	-99.00	0.00	-99.00
43	SItoONJ	0.41	-1.54	-2.06	-1.86	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
44	LItoONJ	-2.43	2.10	2.07	2.83	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
45	OthNY/CTtoONJ	-0.42	1.19	0.92	1.70	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
46	ONJtoPNJ	-0.02	-0.04	-0.40	-0.59	2.34	0.69	2.22	0.54	-6.86	0.00	-99.00
47	WHR-NYtoPNJ	0.24	-0.01	-0.31	-0.57	-1.81	-1.77	-2.73	-0.52	-6.93	0.00	-99.00
48	ONJtoONJ	0.13	0.00	-0.34	-0.50	0.06	-1.05	0.35	-1.45	-6.69	0.00	-99.00
49	WHR-NYtoONJ	0.22	-0.11	-0.54	-0.74	-99.00	-1.29	-99.00	-3.74	-7.27	0.00	-99.00

Table A-6-4: Mode Specific Constants - Purpose 4: School

Index	District Name	SOV	HOV 2	HOV 3	HOV4+	WT	DT	WC	WC	Taxi	NM	SB
1	InManhattan	4.09	1.68	1.98	2.43	-0.78	0.25	-99.00	-99.00	0.72	0.00	-0.32
2	ManhToNYC	2.70	1.17	0.79	1.84	-0.98	-99.00	-99.00	-99.00	-99.00	0.00	0.03
3	ManhToOthers	1.60	0.16	-0.37	0.85	-4.20	-99.00	-99.00	-99.00	-99.00	0.00	0.49
4	NYCtoManh	-0.16	0.66	0.45	0.30	-0.06	1.50	2.38	-1.37	-99.00	0.00	-0.78
5	OtherstoManh	1.63	1.13	1.46	1.99	-3.70	-0.29	1.51	0.37	-99.00	0.00	0.37
6	IntraQ\B\B	1.32	0.29	0.56	0.16	-0.89	-0.83	-80.29	-99.00	-99.00	0.00	0.10
7	IntraOth	-0.59	-0.38	-0.47	0.91	-2.98	-99.00	-99.00	-99.00	-99.00	0.00	0.62
8	IntraOth	-0.78	-1.17	-1.01	-0.05	0.03	-99.00	-99.00	-99.00	-99.00	0.00	0.99
9	Q\B\BtoQ\B\B	1.19	-0.25	-0.42	0.44	0.05	-99.00	-99.00	-99.00	-99.00	0.00	-0.43
10	AllOthers	0.61	0.34	0.50	0.63	-2.99	-3.49	-1.44	-2.09	-99.00	0.00	-0.07

Table A-6-5: Mode Specific Constants - Purpose 5: University

Index	District Name	SOV	HOV 2	HOV 3	HOV4+	WT	DT	WC	WC	Taxi	NM	SB
1	InManhattan	5.79	10.80	10.75	11.65	-1.80	3.91	-99.00	-99.00	-3.94	0.00	-99.00
2	FromManhattan	6.28	-3.44	-4.20	-2.66	-3.27	14.38	-1.46	24.93	-99.00	0.00	-99.00
3	QBBtoManh	2.36	1.50	0.63	1.28	1.07	-2.54	-0.35	-3.95	-99.00	0.00	-99.00
4	LItoManh	-1.12	1.49	0.43	1.45	-99.00	-99.00	-11.71	1.61	-99.00	0.00	-99.00
5	NJ/SItoManh	-0.28	3.55	1.61	3.36	-2.17	-4.07	4.20	-0.35	-99.00	0.00	-99.00
6	UpperNY/CTtoManh	0.48	3.81	2.81	3.28	-0.90	-0.10	-3.53	-0.87	-99.00	0.00	-99.00
7	WithinQBB	-0.65	3.64	3.28	3.73	-0.07	9.20	-99.00	-99.00	-8.11	0.00	-99.00
8	WithinNJ/SI	2.80	2.35	1.54	3.25	-7.82	0.22	-7.43	2.42	-16.25	0.00	-99.00
9	WithinLI	0.65	-0.06	-0.78	0.93	-6.17	6.11	-4.41	-1.44	-99.00	0.00	-99.00
10	WithinUpperNY/CT	0.60	0.10	-0.87	0.99	-2.35	8.69	-99.00	-99.00	-99.00	0.00	-99.00
11	AllOthers	5.40	-4.57	-5.42	-3.22	-14.17	-4.85	-99.00	-99.00	-99.00	0.00	-99.00

Table A-6-6: Mode Specific Constants - Purpose 6: Maintenance

Index	District Name	SOV	HOV 2	HOV 3	HOV4+	WT	DT	WC	WC	Taxi	NM	SB
1	InManh CBD	-2.21	1.69	2.08	-99.00	-0.54	-1.38	-99.00	-99.00	-0.80	0.00	-99.00
2	UpperManh/CBD	0.19	-0.26	-1.18	-99.00	-0.10	-0.64	-99.00	-99.00	0.99	0.00	-99.00
3	CBD/UpperManh	-99.00	-2.19	-99.00	-99.00	-0.25	-99.00	-99.00	-99.00	1.30	0.00	-99.00
4	Bronx/Lo&Valley Manh	0.89	-1.01	-99.00	-99.00	0.10	1.46	-99.00	-99.00	-0.44	0.00	-99.00
5	Bronx/Mid Manh	-99.00	1.09	2.82	-99.00	0.24	1.50	-99.00	-99.00	-1.28	0.00	-99.00
6	Qns/Lo Manh	0.73	-99.00	3.25	-99.00	-2.61	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
7	Qns/Valley Manh	-99.00	3.66	-99.00	-99.00	1.24	-99.00	-5.32	-99.00	1.52	0.00	-99.00
8	Qns/Mid Manh	-99.00	-99.00	-99.00	-99.00	1.82	-99.00	-4.16	-99.00	-99.00	0.00	-99.00
9	Bkln/Lo Manh	-99.00	-99.00	-99.00	-99.00	-1.09	-99.00	25.99	-99.00	-99.00	0.00	-99.00
10	Bkln/Valley Manh	-2.07	-2.38	2.75	-0.80	-0.65	-0.53	25.99	-99.00	-99.00	0.00	-99.00
11	Bkln/Mid Manh	-99.00	2.21	-99.00	-99.00	-1.11	-99.00	-99.00	-99.00	-1.61	0.00	-99.00
12	SI/Lo&Valley Manh	-99.00	-99.00	1.51	2.94	-0.39	-1.57	-99.00	-99.00	-99.00	0.00	-99.00
13	SI/Mid Manh	-99.00	0.95	-99.00	-99.00	0.05	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
14	Othey NYC/Up Manh	-0.85	0.86	1.94	2.73	-0.52	-0.67	-99.00	-1.17	0.76	0.00	-99.00
15	LI&NYS-Sbrb&CT/Up Manh	-0.08	1.86	1.23	-99.00	-3.13	-99.00	-1.20	-99.00	2.59	0.00	-99.00
16	LI/Lo&Valley Manh	0.32	2.15	-99.00	-99.00	-99.00	-99.00	-3.30	0.57	-99.00	0.00	-99.00
17	LI/Mid Manh	0.01	-99.00	-99.00	-99.00	-99.00	-99.00	-0.34	1.09	-99.00	0.00	-99.00
18	Westchester/Lo& Valley Manh	-3.50	1.64	-99.00	-99.00	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
19	Westchester/Mid Manh	-1.00	-99.00	-99.00	-99.00	-99.00	-0.17	-99.00	-1.10	2.93	0.00	-99.00
20	NYS-Sbrb&CT/Lo&Valley Manh	-99.00	1.09	-99.00	-99.00	-99.00	-99.00	-99.00	0.38	-99.00	0.00	-99.00
21	NYS-Sbrb&CT/Upper Manh	-99.00	0.61	-99.00	-99.00	-99.00	-99.00	-99.00	0.50	-99.00	0.00	-99.00
22	Manh/SI	1.89	2.28	2.47	2.80	1.81	2.08	-99.00	-99.00	-99.00	0.00	-99.00
23	BxQnsBkln/SI	-4.22	-0.53	1.97	-99.00	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
24	Within SI	-0.82	0.48	0.95	1.61	-1.11	-99.00	-99.00	-99.00	0.38	0.00	-99.00
25	LI&NYS-EOH&CT/SI	1.52	2.45	3.44	3.81	3.27	2.08	1.87	5.38	-99.00	0.00	-99.00
26	Manh/Bx&Qns&Bkln	-99.00	0.85	0.58	1.51	-0.42	0.40	-99.00	-99.00	-99.00	0.00	-99.00
27	Inter Bx&Qns&Bkln	-1.38	-0.56	0.79	1.91	0.08	-99.00	-99.00	-99.00	1.69	0.00	-99.00
28	SI/Bx&Qns&Bkln	-3.60	-2.46	0.16	2.58	-3.02	-99.00	-99.00	-99.00	-99.00	0.00	-99.00

29	LI&NYS-EOH&CT/Bx&Qns&Bkln	-1.34	0.34	1.28	1.13	-2.75	-99.00	0.28	1.82	3.04	0.00	-99.00
30	Manh/LI	0.69	0.02	-99.00	-99.00	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
31	Other NYC/LI	-0.06	0.83	0.33	0.88	-1.61	-99.00	-3.83	-99.00	0.78	0.00	-99.00
32	WithinLI	-0.72	0.30	1.39	1.38	-1.92	-99.00	-1.25	-99.00	-1.40	0.00	-99.00
33	NYS-EOH&CT/LI	0.76	1.47	2.34	2.98	-0.16	1.04	-2.11	3.93	-99.00	0.00	-99.00
34	Manh/NYS-EOH&CT	0.75	-1.77	-0.32	-99.00	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
35	Other NYC&LI/NYS-EOH&CT	-0.62	0.67	1.88	0.31	-1.29	1.05	-2.49	-99.00	-99.00	0.00	-99.00
36	Within UpperNYS& CT - No HRX	-0.91	0.06	1.32	1.80	-1.54	1.15	-2.49	4.12	-0.40	0.00	-99.00
37	NJ/NYS-WHO	-0.31	0.31	0.91	1.53	-2.15	-0.91	-3.94	3.52	-99.00	0.00	-99.00
38	PNJ/NJ	-0.55	0.14	0.99	1.76	-2.18	-0.50	-2.04	-99.00	-1.56	0.00	-99.00
39	PNJtoUptown	0.13	0.91	1.20	2.27	-0.23	0.94	-3.28	0.71	-99.00	0.00	-99.00
40	PNJtoMidtown	0.15	0.92	1.25	2.19	0.29	1.34	-3.30	0.43	-99.00	0.00	-99.00
41	PNJtoDwntnValley	-0.12	0.86	1.32	2.27	0.29	1.73	-2.74	0.34	-99.00	0.00	-99.00
42	ONJtoUptown	1.23	2.09	2.50	3.57	-1.19	2.36	-4.33	1.37	-99.00	0.00	-99.00
43	ONJtoMidtown	0.98	1.87	2.43	3.38	-1.24	2.30	-4.16	1.07	-99.00	0.00	-99.00
44	ONJtoDwntnValley	0.86	1.76	2.32	3.28	-1.38	2.64	-3.41	1.49	-99.00	0.00	-99.00
45	WHR-NYtoUptown	0.15	0.95	1.42	2.32	-2.84	1.49	-99.00	1.16	-99.00	0.00	-99.00
46	WHR-NYtoMidtown	1.07	2.18	2.46	3.77	-2.89	2.29	-4.71	2.39	-99.00	0.00	-99.00
47	WHR-NYtoDwntnValley	0.77	1.98	2.35	3.33	-3.12	1.33	-4.00	2.52	-99.00	0.00	-99.00
48	PNJtoBronx	-0.38	-0.20	0.83	1.81	0.73	2.89	1.54	5.85	-99.00	0.00	-99.00
49	PNJtoQn/Bklyn	-0.57	-0.62	0.70	1.29	0.60	2.20	-1.40	4.09	-99.00	0.00	-99.00
50	PNJtoSI	-0.23	0.59	0.95	1.93	-1.41	-99.00	-0.23	-99.00	-99.00	0.00	-99.00
51	PNJtoLI	-0.37	-0.40	1.02	1.53	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
52	PNJtoOthNY/CT	-0.39	-0.11	1.09	1.73	-2.71	-0.23	-99.00	-99.00	-99.00	0.00	-99.00
53	ONJ/WHR-NYtoBronx	0.10	0.19	1.83	2.39	-0.55	2.77	-0.38	6.02	-99.00	0.00	-99.00
54	ONJ/WHR-NYtoQn/Bklyn	-0.51	-0.55	0.63	1.43	-1.91	2.59	-1.92	3.74	-99.00	0.00	-99.00
55	ONJ/WHR-NYtoSI	-0.55	0.28	0.87	1.45	-2.11	-99.00	-2.39	2.67	-99.00	0.00	-99.00
56	ONJ/WHR-NYtoLI	-0.67	-0.45	0.75	1.68	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
57	ONJ/WHR-NYtoOthNY/CT	-0.27	-0.04	0.96	2.14	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
58	UptowntoPNJ	-0.06	0.06	0.23	-4.39	0.86	-99.00	-2.96	-99.00	-99.00	0.00	-99.00
59	MidtowntoPNJ	-2.83	-2.32	-1.87	-2.46	1.25	-99.00	-2.05	-99.00	-99.00	0.00	-99.00
60	DwntwnValleytoPNJ	-1.68	-1.44	-1.08	-99.00	0.94	-99.00	-4.06	-99.00	-99.00	0.00	-99.00

61	BronxtoPNJ	3.53	3.66	3.80	4.24	1.00	-99.00	0.00	-99.00	-99.00	0.00	-99.00
62	Qn/BklyntoPNJ	0.77	0.99	1.29	1.99	-3.23	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
63	SItoPNJ	0.09	0.75	1.26	1.77	-2.68	-99.00	-2.53	-99.00	-99.00	0.00	-99.00
64	LItoPNJ	-0.92	0.08	0.96	1.68	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
65	OthNY/CTtoPNJ	-0.33	0.47	1.18	1.88	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
66	UptowntoONJ	0.53	0.94	1.00	-2.66	0.08	-99.00	-0.94	-99.00	-99.00	0.00	-99.00
67	Mid/DnValltoONJ	-0.02	0.41	1.14	-1.55	0.60	-99.00	-3.65	-99.00	-99.00	0.00	-99.00
68	BronxtoONJ	1.62	1.77	1.77	2.70	-3.12	-99.00	-1.04	-99.00	-99.00	0.00	-99.00
69	Qn/BklyntoONJ	0.44	0.69	1.15	1.86	-4.49	-99.00	-3.89	-99.00	-99.00	0.00	-99.00
70	SItoONJ	-0.58	0.50	0.88	1.29	-99.00	-99.00	-1.70	-99.00	-99.00	0.00	-99.00
71	LItoONJ	-0.68	0.09	0.89	1.49	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
72	OthNYS/CTtoONJ	-0.44	0.38	1.09	1.86	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
73	ONJtoPNJ	-0.55	0.14	0.99	1.76	-2.18	-0.50	-2.04	-99.00	-1.56	0.00	-99.00
74	WOHtoPNJ	-0.31	0.31	0.91	1.53	-2.15	-0.91	-3.94	3.52	-99.00	0.00	-99.00
75	ONJtoONJ	-0.55	0.14	0.99	1.76	-2.18	-0.50	-2.04	-99.00	-1.56	0.00	-99.00
76	WOHtoONJ	-0.31	0.31	0.91	1.53	-2.15	-0.91	-3.94	3.52	-99.00	0.00	-99.00
77	inValeyManh	-1.31	1.04	-99.00	-99.00	0.08	-99.00	-99.00	-99.00	-1.07	0.00	-99.00
78	inMidManh	-99.00	-99.00	-99.00	-99.00	0.33	-99.00	-99.00	-99.00	-1.07	0.00	-99.00
79	inUpperManh	-1.67	-0.22	2.07	1.86	-0.21	-2.33	-99.00	-99.00	0.47	0.00	-99.00
80	inQueens	-0.55	0.25	1.32	1.23	-0.76	-99.00	-2.07	2.95	0.56	0.00	-99.00
81	inBronx	-1.18	0.12	0.71	0.72	-0.83	-0.16	0.97	-99.00	2.14	0.00	-99.00
82	inKings	-0.54	0.11	1.06	0.69	-0.41	1.36	-99.00	-99.00	0.13	0.00	-99.00

Table A-6-7: Mode Specific Constants - Purpose 7: Discretionary

Index	District Name	SOV	HOV 2	HOV 3	HOV4+	WT	DT	WC	WC	Taxi	NM	SB
1	InManh CBD	-99.00	0.49	-99.00	-99.00	0.49	-99.00	-99.00	-99.00	-1.91	0.00	-99.00
2	UpperManh/CBD	0.93	2.29	2.71	2.54	-0.47	1.18	-99.00	-99.00	-0.71	0.00	-99.00
3	CBD/UpperManh	-0.92	-0.21	1.70	-99.00	0.39	-99.00	-99.00	-99.00	-1.66	0.00	-99.00
4	Bronx/Lo&Valley Manh	-0.82	-99.00	-99.00	-99.00	0.04	1.92	-99.00	-99.00	-99.00	0.00	-99.00
5	Bronx/Mid Manh	-99.00	1.19	-99.00	-99.00	0.09	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
6	Qns/Lo Manh	1.97	2.41	2.38	2.17	-0.55	1.94	-99.00	-99.00	-99.00	0.00	-99.00
7	Qns/Valley Manh	1.00	-99.00	3.71	-99.00	-1.07	0.45	-1.06	-99.00	-99.00	0.00	-99.00
8	Qns/Mid Manh	-99.00	-99.00	-99.00	-99.00	-0.89	3.53	-2.36	-99.00	-99.00	0.00	-99.00
9	Bkln/Lo Manh	2.46	2.80	2.85	1.99	-0.76	1.98	-99.00	-99.00	-99.00	0.00	-99.00
10	Bkln/Valley Manh	0.99	2.44	-99.00	-99.00	-0.23	-99.00	-99.00	-99.00	0.35	0.00	-99.00
11	Bkln/Mid Manh	2.49	2.67	2.81	2.00	-0.93	1.62	-99.00	-99.00	-99.00	0.00	-99.00
12	SI/Lo&Valley Manh	-99.00	0.69	-99.00	-99.00	-2.61	2.84	-99.00	-99.00	-99.00	0.00	-99.00
13	SI/Mid Manh	1.79	3.11	2.81	3.10	-1.98	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
14	Othey NYC /Up Manh	0.68	2.05	0.87	-99.00	-0.17	1.09	-99.00	-99.00	-0.91	0.00	-99.00
15	LI&NYS-Sbrb&CT/Up Manh	-1.53	-2.71	1.92	2.26	-4.09	-99.00	-2.09	-99.00	-1.98	0.00	-99.00
16	LI/Lo&Valley Manh	0.48	-99.00	-99.00	-99.00	-1.46	-99.00	0.56	-0.41	0.57	0.00	-99.00
17	LI/Mid Manh	-1.14	-2.42	0.68	-99.00	-99.00	0.67	-0.87	1.34	-0.02	0.00	-99.00
18	Westchester/Lo& Valley Manh	0.79	-99.00	2.02	-99.00	-99.00	-99.00	-0.08	2.22	-99.00	0.00	-99.00
19	Westchester/Mid Manh	-1.19	1.93	-99.00	2.73	-99.00	-99.00	-2.24	0.68	-99.00	0.00	-99.00
20	NYS-Sbrb&CT /Lo&Valley Manh	-0.02	-99.00	3.06	-99.00	-99.00	-99.00	-3.24	-99.00	-99.00	0.00	-99.00
21	NYS-Sbrb&CT/Upper Manh	1.92	2.04	2.13	1.59	-99.00	-99.00	-4.03	0.32	-99.00	0.00	-99.00
22	Manh/SI	0.43	-0.30	-0.86	-0.68	0.74	0.79	-99.00	-99.00	2.97	0.00	-99.00
23	BxQnsBkln/SI	0.45	1.09	0.79	1.25	-4.16	-0.35	-99.00	-99.00	-99.00	0.00	-99.00
24	Within SI	-0.53	0.41	0.36	0.84	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
25	LI&NYS-EOH&CT/SI	1.43	1.05	1.24	1.53	2.47	3.85	-99.00	-99.00	4.20	0.00	-99.00
26	Manh/Bx&Qns&Bkln	-1.89	0.73	-1.59	0.55	0.59	1.08	-99.00	-99.00	-99.00	0.00	-99.00
27	Inter Bx&Qns&Bkln	-1.15	0.60	1.03	0.80	-1.49	0.82	-99.00	-99.00	-99.00	0.00	-99.00
28	SI/Bx&Qns&Bkln	-99.00	0.68	0.33	-99.00	-99.00	0.49	-99.00	-99.00	-99.00	0.00	-99.00
29	LI&NYS-EOH&CT/Bx&Qns	-0.04	0.38	-1.16	1.06	-99.00	1.25	-1.71	-99.00	-99.00	0.00	-99.00

	&Bkln											
30	Manh/LI	-0.75	-0.99	-1.08	-1.70	1.07	0.92	-99.00	-99.00	3.80	0.00	-99.00
31	Other NYC/LI	-0.03	0.57	-0.33	1.41	-3.53	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
32	WithinLI	-0.44	0.28	0.23	0.88	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
33	NYS-EOH&CT/LI	-1.75	-1.63	1.29	0.49	-99.00	-99.00	-99.00	1.26	-99.00	0.00	-99.00
34	Manh/NYS-EOH&CT	-3.03	-0.69	-2.07	-99.00	-99.00	4.80	-3.98	2.69	-99.00	0.00	-99.00
35	Other NYC&LI/NYS-EOH&CT	-0.08	0.60	0.58	1.16	0.01	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
36	Within UpperNYS& CT - No HRX	-0.47	0.45	0.21	0.81	-2.29	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
37	NJ/NYS-WHO	-0.53	0.57	0.47	0.95	-4.58	-0.64	-99.00	-99.00	-99.00	0.00	-99.00
38	PNJ/NJ	-0.48	0.61	0.68	1.26	-3.81	-1.40	-99.00	-99.00	-6.25	0.00	-99.00
39	PNJtoUptown	-0.19	1.47	1.15	2.10	-0.76	2.66	0.25	3.01	-99.00	0.00	-99.00
40	PNJtoMidtown	-0.29	1.57	1.33	1.98	-0.59	2.74	-0.21	2.40	-99.00	0.00	-99.00
41	PNJtoDwntnValley	-0.33	1.58	1.42	2.39	-0.54	3.08	0.41	2.68	-99.00	0.00	-99.00
42	ONJtoUptown	-0.13	1.51	1.40	2.18	-2.51	3.47	-2.03	2.25	-99.00	0.00	-99.00
43	ONJtoMidtown	-0.07	1.62	1.47	2.22	-2.50	3.20	-2.04	1.61	-99.00	0.00	-99.00
44	ONJtoDwntwnValley	-0.48	1.27	1.15	2.01	-2.91	3.39	-1.35	1.99	-99.00	0.00	-99.00
45	WHR-NYtoUptown	-0.34	1.17	0.83	1.92	-2.44	3.29	-99.00	2.04	-99.00	0.00	-99.00
46	WHR-NYtoMidtown	0.48	2.05	1.80	2.78	-3.00	3.57	-1.07	2.60	-99.00	0.00	-99.00
47	WHR-NYtoDwntnValley	0.36	2.15	1.87	2.55	-3.45	3.21	-2.05	2.83	-99.00	0.00	-99.00
48	PNJtoBronx	-0.03	0.25	0.17	0.86	0.71	2.44	0.11	1.96	-99.00	0.00	-99.00
49	PNJtoQn/Bklyn	-0.04	0.16	0.25	0.77	0.61	1.59	-2.06	0.19	-99.00	0.00	-99.00
50	PNJtoSI	1.12	2.05	1.46	1.75	1.04	-99.00	2.08	-99.00	-99.00	0.00	-99.00
51	PNJtoLI	0.20	0.27	0.27	0.86	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
52	PNJtoOthNY/CT	0.09	0.44	0.58	1.17	-1.69	0.16	-99.00	-99.00	-99.00	0.00	-99.00
53	ONJ/WHR-NYtoBronx	0.27	0.42	0.46	1.28	-0.78	2.43	-2.39	2.17	-99.00	0.00	-99.00
54	ONJ/WHR-NYtoQn/Bklyn	0.20	0.19	0.10	0.77	-1.05	2.74	-2.44	0.02	-99.00	0.00	-99.00
55	ONJ/WHR-NYtoSI	-0.13	0.86	0.30	0.61	0.16	-99.00	-1.34	-0.44	-99.00	0.00	-99.00
56	ONJ/WHR-NYtoLI	0.02	0.15	0.09	0.90	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
57	ONJ/WHR-NYtoOthNY/CT	0.01	0.24	0.11	0.91	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
58	UptowntoPNJ	2.05	2.75	1.88	-1.04	2.81	-99.00	-2.11	-99.00	-99.00	0.00	-99.00
59	MidtowntoPNJ	-1.13	-0.73	-0.88	-2.08	2.28	-99.00	-3.97	-99.00	-99.00	0.00	-99.00
60	DwntnValleytoPNJ	-0.80	-0.47	-1.02	-99.00	1.16	-99.00	-5.06	-99.00	-99.00	0.00	-99.00
61	BronxtoPNJ	3.23	3.08	1.89	2.76	-2.17	-99.00	-2.08	-99.00	-99.00	0.00	-99.00
62	Qn/BklyntoPNJ	1.77	2.00	1.03	1.45	-2.92	-99.00	-99.00	-99.00	-99.00	0.00	-99.00

63	SItoPNJ	0.61	1.47	0.75	1.03	-2.08	-99.00	-0.62	-99.00	-99.00	0.00	-99.00
64	LItoPNJ	0.06	0.92	0.57	1.45	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
65	OthNY/CTtoPNJ	2.00	2.94	2.71	3.42	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
66	UptowntoONJ	3.07	3.04	1.77	-1.04	2.32	-99.00	-1.31	-99.00	-99.00	0.00	-99.00
67	Mid/DnValltoONJ	1.18	1.81	1.38	-0.76	1.62	-99.00	-4.50	-99.00	-99.00	0.00	-99.00
68	BronxtoONJ	2.33	2.08	1.10	1.21	-3.12	-99.00	-5.20	-99.00	-99.00	0.00	-99.00
69	Qn/BklyntoONJ	1.25	1.38	0.61	1.17	-4.18	-99.00	-3.90	-99.00	-99.00	0.00	-99.00
70	SItoONJ	-0.12	0.97	0.23	0.48	-99.00	-99.00	-2.06	-99.00	-99.00	0.00	-99.00
71	LItoONJ	0.28	0.86	0.30	0.88	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
72	OthNYS/CTtoONJ	-0.15	0.92	0.53	1.25	-99.00	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
73	ONJtoPNJ	-0.48	0.61	0.68	1.26	-3.81	-1.40	-99.00	-99.00	-6.25	0.00	-99.00
74	WOHtoPNJ	-0.53	0.57	0.47	0.95	-4.58	-0.64	-99.00	-99.00	-99.00	0.00	-99.00
75	ONJtoONJ	-0.48	0.61	0.68	1.26	-3.81	-1.40	-99.00	-99.00	-6.25	0.00	-99.00
76	WOHtoONJ	-0.53	0.57	0.47	0.95	-4.58	-0.64	-99.00	-99.00	-99.00	0.00	-99.00
77	inValeyManh	-99.00	1.55	-99.00	-99.00	0.32	-99.00	-99.00	-99.00	-0.79	0.00	-99.00
78	inMidManh	-99.00	-99.00	-99.00	-99.00	0.52	-99.00	-99.00	-99.00	-99.00	0.00	-99.00
79	inUpperManh	0.14	1.61	3.05	2.49	-0.40	-99.00	-99.00	-99.00	-0.95	0.00	-99.00
80	inQueens	-0.09	0.76	0.30	0.89	-0.66	-99.00	-99.00	-99.00	-99.00	0.00	-75.61
81	inBronx	-1.76	-0.13	0.12	0.70	0.37	0.51	1.91	-99.00	0.34	0.00	-99.00
82	inKings	-0.20	0.25	-1.28	0.47	-1.67	-99.00	-99.00	-99.00	-2.48	0.00	-99.00

Table A-6-8: Mode Specific Constants - Purpose 8: At-Work

Index	District Name	SOV	HOV 2	HOV 3	HOV4+	WT	DT	WC	WC	Taxi	NM	SB
1	InManhattan	20.24	-10.65	-11.63	-99.00	-4.39	-99.00	-99.00	-99.00	-11.67	0.00	-99.00
2	x2	5.63	-6.10	-6.66	-99.00	2.57	-99.00	-99.00	-99.00	-13.07	0.00	-99.00
3	x3	22.18	-11.73	-11.77	-99.00	0.99	-99.00	-99.00	-99.00	-17.83	0.00	-99.00
5	x4	5.62	-6.06	-5.89	-99.00	1.75	-99.00	-99.00	-99.00	-9.32	0.00	-99.00
6	x5	-2.12	-4.80	-4.65	-99.00	3.47	-99.00	-99.00	-99.00	-12.47	0.00	-99.00
7	x6	3.87	-4.34	-4.20	-99.00	-5.09	-99.00	-99.00	-99.00	-14.87	0.00	-99.00
8	x7	5.04	-5.39	-5.87	-99.00	-4.36	-99.00	-99.00	-99.00	-14.72	0.00	-99.00
9	x8	2.84	-4.03	-3.69	-99.00	2.62	-99.00	-99.00	-99.00	-11.88	0.00	-99.00
10	x9	3.00	-8.64	-8.76	-99.00	-99.00	-99.00	-99.00	-99.00	-9.70	0.00	-99.00

Table A-7: Non-Motorized Mode Mode Specific Constant Indices

BPMDist	District Name	Index
0	Lower Man	1
1	Valley Man	1
2	Midtown Man	1
3	Upper Man	2
4	Queens	3
5	Bronx	3
6	Kings	3
7	Richmond	4
8	Nassau	4
9	Suffolk	4
10	Westchester	4
11	Rockland	4
12	Putnam	5
13	Orange	5
14	Dutchess	5
15	Fairfield	4
16	Bergen	6
17	Passaic	6
18	Hudson	7
19	Essex	7
20	Union	7
21	Morris	6
22	Somerset	6
23	Middlesex	6
24	Monmouth	6
25	Ocean	6
26	Hunterdon	6
27	Warren	6
28	Sussex	6
29	New Haven	4
30	Mercer	6

Table A-8: Non-Motorized Mode Choice Adjustment Factors

BPMDist	District Name	Purp1	Purp2	Purp3	Purp4	Purp5	Purp6	Purp7	Purp8
0	Lower Manh	1.38	0.06	0.44	-2.52	0.68	-0.54	0.06	-0.26
1	Valley Manh	1.33	-0.07	0.04	-2.55	0.86	-0.46	-0.96	-1.09
2	Midtown Manh	0.71	-0.40	-0.78	-5.96	0.07	-0.20	-0.77	0.41
3	Upper Manhattan	2.56	0.26	0.42	-10.64	-0.09	-0.42	-0.55	-0.58
4	Queens	1.79	-0.05	-0.29	-17.92	-0.40	0.32	0.49	-0.31
5	Bronx	2.34	1.21	0.31	-16.79	0.51	0.08	-0.38	-0.67
6	Kings	3.06	0.77	0.87	9.11	0.85	-0.05	-0.06	0.16

APPENDIX B: CALIBRATION AND VALIDATION DISTRICT SUMMARIES

Comparions of NYBPM 2010 Upate Component Data - with Calibration/Validaton Data Sources

AS OF 10/28/14 - NYBPM 2010 (102C)

Section	Component		Geography *	Table	Units / Measures	Validation Data Compared **
D1	SED		16 Districts		ELF EMPTOT Diff	NYBPM2005, **NYBPM2010**
D2	HAJ / MDSC		31 Districts | 16 Districts	by BPM Purpose (8)	P's A's Diff	RHTS2010, NYBPM2005, **NYBPM2010**
D3	DEST	a	16 x 16 | 7 x 7	by BPM Purpose (8)	Out-bound Journeys - O x D	RHTS2010, NYBPM2005, **NYBPM2010**
		b	16 x 16 | 7 x 7	by BPM Work (All)	Out-bound Journeys - O x D	ACS2010, RHTS2010, NYBPM2005, **NYBPM2010**
		c	16 x 16 | 7 x 7	By Mode	Trips (all)	
				Auto		RHTS2010, NYBPM2005, **NYBPM2010**
				Transit		TRANSITOD (AM period only)
D4	MODE	a	16 x 16 | 7 x 7	by BPM Mode Group (4) by Purpose (8)	Out-bound Journeys - O x D	RHTS2010, NYBPM2005, **NYBPM2010**
				All Modes Auto Commuter Rail Transit Non-Motorized		
		b		by BPM Mode Group (4) - Work only	Out-bound Journeys - O x D	ACS2010, RHTS2010, NYBPM2005, **NYBPM2010**
D5	MODE: Trips		16 x 16 | 7 x 7	by TOD (4 Periods), Weekday	Trips (all) - Vehicle	RHTS2010, NYBPM2005, **NYBPM2010**
				Auto Commuter Rail Transit		
D6	Link Volumes		Major Crossings	by TOD (4 Periods), Weekday	Volumes - all vehicles	RHTS2010, NYBPM2005, **NYBPM2010**
				Auto	Compared to Counts	
D7	Transit: Trips		Hub-Bound	Weekday Total	Transuit trips entering CBD	TRANSITOD, RHTS2010, NYBPM2005, **NYBPM2010**
				Commuter Rail Transit	Compared to Counts	

* See Geography sheet - 16 Districts and/or 7 Regional Sub-Areas

<u> Validation Data Compared</u>**

ACS2010	American Community Survey 2006-2010 5 Year
RHTS2010	NYMTC Regional Travel - Household Interview Surveye 2010 - with Household Epxansion (per ACS and GPS Correction)
TRANSITOD	Composite Survey and Other Transit OD = AM peak period
NYBPM2005	BPM Update 2005 - Calibration G14(4) - prior Update
NYBPM2010	BPM Update 2010 - Final Calibration (October 2014)

Comparison of Employment Labor Force and Total Employment between years 2005 and 2010

	District	NYBPM2005			NYBPM2010		
		Elf	Emptot	Diff	Elf	Emptot	Diff
1	Manhattan – Downtown	245,268	630,432	385,164	242,566	697,072	454,506
2	Manhattan – Valley	15,610	298,079	282,469	15,855	329,780	313,925
3	Manhattan - Midtown	86,893	762,234	675,341	88,754	913,253	824,499
4	Manhattan - Uptown	479,780	382,043	(97,737)	488,037	386,655	(101,382)
5	Bronx	469,046	292,481	(176,565)	473,134	359,635	(113,499)
6	Queens	1,018,511	602,059	(416,452)	1,042,920	678,001	(364,919)
7	Brooklyn	987,394	686,237	(301,157)	1,016,075	764,002	(252,073)
8	Staten Island	216,097	123,468	(92,629)	228,918	121,949	(106,969)
9	Nassau	666,205	549,482	(116,723)	638,469	563,924	(74,545)
10	Suffolk	746,699	589,953	(156,746)	725,332	613,767	(111,565)
11	Westchester	465,294	406,715	(58,579)	446,160	432,422	(13,738)
12	Other EHR-NY	196,299	148,619	(47,680)	182,685	147,147	(35,538)
13	Connecticut	848,415	783,051	(65,364)	842,535	837,734	(4,801)
14	Primary NJ	1,952,381	1,678,171	(274,210)	1,871,814	1,867,476	(4,338)
15	Other NJ	1,376,554	1,184,122	(192,432)	1,344,862	1,237,260	(107,602)
16	Other WHR (NY)	316,795	242,296	(74,499)	306,267	253,814	(52,453)

HAJ / MDSC Productions and Attractions by County

RHTS2010

	Low Income Work			Med Income Work			High Income Work			All Work			School		
	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)
DOWNTOWN	633	9,081	8,448	18,655	159,127	140,472	4,088	86,612	82,524	23,376	254,820	231,444	1,955	8,412	6,457
VALLEY	21,680	38,232	16,552	92,840	389,963	297,123	88,880	145,868	56,989	203,399	574,063	370,663	22,627	34,293	11,666
MIDTOWN	1,526	20,834	19,308	43,999	420,276	376,277	19,902	279,349	259,448	65,427	720,460	655,033	15,103	12,050	(3,053)
UPPER MANHATTAN	15,354	23,823	8,469	216,742	228,425	11,683	128,041	59,504	(68,537)	360,137	311,753	(48,385)	93,785	128,997	35,211
QUEENS	33,061	22,040	(11,021)	684,015	444,021	(239,994)	127,845	85,000	(42,845)	844,921	551,061	(293,861)	310,103	312,129	2,026
BRONX	37,915	19,645	(18,270)	338,201	233,493	(104,708)	14,510	32,569	18,059	390,626	285,706	(104,920)	230,511	218,628	(11,883)
BROOKLYN	52,696	33,512	(19,184)	656,167	467,683	(188,485)	112,485	73,659	(38,826)	821,349	574,854	(246,495)	400,270	380,845	(19,425)
STATEN ISLAND	1,528	2,066	538	109,239	69,521	(39,718)	33,860	18,541	(15,319)	144,627	90,128	(54,499)	72,372	62,023	(10,349)
NASSAU	6,074	5,805	(269)	312,975	315,868	2,893	154,001	110,131	(43,869)	473,050	431,804	(41,246)	242,213	237,593	(4,620)
SUFFOLK	8,564	8,564	0	467,860	408,626	(59,234)	147,196	110,951	(36,245)	623,620	528,141	(95,479)	276,802	275,440	(1,362)
WESTCHESTER	5,620	6,133	513	219,398	209,017	(10,382)	105,818	83,920	(21,898)	330,836	299,070	(31,766)	154,177	161,371	7,194
ROCKLAND	2,119	2,185	66	69,877	65,656	(4,221)	36,687	18,284	(18,403)	108,683	86,125	(22,558)	58,184	54,972	(3,212)
PUTNAM	1,030	2,598	1,568	32,530	14,086	(18,444)	10,685	6,163	(4,522)	44,246	22,847	(21,399)	26,121	25,162	(958)
ORANGE	5,305	5,038	(267)	98,478	76,578	(21,899)	22,759	9,708	(13,052)	126,542	91,324	(35,219)	73,752	66,131	(7,621)
DUTCHESS	3,290	2,806	(484)	80,511	65,734	(14,778)	19,144	17,042	(2,101)	102,945	85,582	(17,363)	37,066	36,235	(831)
FARIFIELD	19,817	17,928	(1,889)	222,684	235,185	12,501	96,650	87,779	(8,872)	339,151	340,892	1,740	128,173	129,099	925
BERGEN	6,209	5,185	(1,024)	251,485	235,861	(15,625)	113,137	80,455	(32,683)	370,832	321,500	(49,332)	172,655	173,852	1,197
PASSAIC	10,376	7,952	(2,424)	122,361	121,046	(1,316)	27,787	16,978	(10,810)	160,525	145,975	(14,550)	52,072	51,406	(667)
HUDSON	16,284	9,079	(7,205)	177,475	168,874	(8,602)	41,769	38,173	(3,596)	235,529	216,126	(19,403)	80,210	77,634	(2,576)
ESSEX	10,117	13,956	3,839	189,618	204,637	15,019	55,998	51,230	(4,768)	255,734	269,823	14,090	123,122	130,027	6,905
UNION	2,778	3,582	805	169,667	135,800	(33,868)	41,196	33,943	(7,253)	213,641	173,325	(40,316)	104,895	99,929	(4,967)
MORRIS	0	129	129	123,354	150,447	27,093	60,562	66,082	5,519	183,917	216,658	32,741	83,331	85,503	2,173
SOMERSET	100	100	0	80,601	97,311	16,710	44,203	46,185	1,982	124,903	143,596	18,693	55,085	53,386	(1,699)
MIDDLESEX	4,349	7,127	2,778	248,267	215,922	(32,345)	64,740	46,371	(18,369)	317,356	269,420	(47,936)	161,842	161,058	(784)
MONMOUTH	5,286	5,396	109	147,413	133,399	(14,014)	67,501	43,339	(24,162)	220,200	182,134	(38,066)	106,571	106,615	45
OCEAN	5,095	3,308	(1,787)	144,126	112,099	(32,027)	30,690	23,812	(6,879)	179,911	139,219	(40,692)	84,791	83,330	(1,462)
HUNTERDON	262	262	0	24,419	21,152	(3,267)	15,309	13,684	(1,625)	39,989	35,098	(4,892)	19,360	20,804	1,444
WARREN	762	330	(432)	25,910	13,691	(12,219)	1,956	2,023	67	28,628	16,044	(12,585)	19,801	18,568	(1,233)
SUSSEX	436	828	392	51,533	24,609	(26,925)	10,070	3,970	(6,100)	62,040	29,407	(32,633)	21,009	20,733	(276)
NEW HAVEN	8,626	8,959	333	248,069	222,900	(25,169)	48,842	47,629	(1,213)	305,536	279,488	(26,048)	132,869	133,861	992
MERCER	2,225	2,634	410	86,193	93,659	7,467	27,477	34,837	7,360	115,895	131,131	15,236	50,559	51,302	743
Total	**289,118**	**289,118**	**0**	**5,754,664**	**5,754,664**	**0**	**1,773,789**	**1,773,789**	**0**	**7,817,572**	**7,817,572**	**0**	**3,411,387**	**3,411,387**	**0**

	Low Income Work			Med Income Work			High Income Work			All Work			School		
Downtown	633	9,081	8,448	18,655	159,127	140,472	4,088	86,612	82,524	23,376	254,820	231,444	1,955	8,412	6,457
Valley	21,680	38,232	16,552	92,840	389,963	297,123	88,880	145,868	56,989	203,399	574,063	370,663	22,627	34,293	11,666
Midtown	1,526	20,834	19,308	43,999	420,276	376,277	19,902	279,349	259,448	65,427	720,460	655,033	15,103	12,050	(3,053)
Upper Manhattan	15,354	23,823	8,469	216,742	228,425	11,683	128,041	59,504	(68,537)	360,137	311,753	(48,385)	93,785	128,997	35,211
Bronx	37,915	19,645	(18,270)	338,201	233,493	(104,708)	14,510	32,569	18,059	390,626	285,706	(104,920)	230,511	218,628	(11,883)
Queens	33,061	22,040	(11,021)	684,015	444,021	(239,994)	127,845	85,000	(42,845)	844,921	551,061	(293,861)	310,103	312,129	2,026
Brooklyn	52,696	33,512	(19,184)	656,167	467,683	(188,485)	112,485	73,659	(38,826)	821,349	574,854	(246,495)	400,270	380,845	(19,425)
Staten Island	1,528	2,066	538	109,239	69,521	(39,718)	33,860	18,541	(15,319)	144,627	90,128	(54,499)	72,372	62,023	(10,349)
Nassau	6,074	5,805	(269)	312,975	315,868	2,893	154,001	110,131	(43,869)	473,050	431,804	(41,246)	242,213	237,593	(4,620)
Suffolk	8,564	8,564	0	467,860	408,626	(59,234)	147,196	110,951	(36,245)	623,620	528,141	(95,479)	276,802	275,440	(1,362)
Westchester	5,620	6,133	513	219,398	209,017	(10,382)	105,818	83,920	(21,898)	330,836	299,070	(31,766)	154,177	161,371	7,194
EHR Other NY	4,320	5,405	1,084	113,042	79,820	(33,222)	29,829	23,205	(6,624)	147,191	108,430	(38,761)	63,186	61,397	(1,790)
Connecticut	28,443	26,887	(1,556)	470,753	458,085	(12,668)	145,493	135,408	(10,084)	644,688	620,380	(24,308)	261,043	262,960	1,917
WHR Primary NJ	50,113	46,882	(3,231)	1,158,875	1,082,139	(76,736)	344,628	267,149	(77,479)	1,553,616	1,396,170	(157,446)	694,797	693,905	(892)
WHR Other NJ	14,166	12,987	(1,179)	683,548	646,367	(37,181)	257,768	233,931	(23,837)	955,483	893,286	(62,197)	440,507	440,242	(265)
WHR NY	7,425	7,223	(202)	168,355	142,235	(26,120)	59,446	27,992	(31,455)	235,226	177,449	(57,777)	131,936	121,103	(10,833)

HAJ Productions and Attractions by County

RHTS2010

	University			Maintenance			Discretionary			AtWork			All Purposes		
	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)
DOWNTOWN	1,010	17,533	16,523	13,582	28,921	15,338	3,617	21,434	17,817	44,687	31,906	(12,781)	88,227	363,026	274,798
VALLEY	9,354	45,887	36,533	132,807	246,185	113,378	152,302	216,059	63,756	83,925	92,582	8,656	604,415	1,209,068	604,653
MIDTOWN	3,478	7,989	4,510	74,661	127,912	53,251	52,805	116,989	64,184	114,696	114,567	(128)	326,170	1,099,967	773,797
UPPER MANHATTAN	29,186	49,419	20,234	329,762	411,565	81,803	264,770	253,310	(11,460)	27,204	34,119	6,914	1,104,845	1,189,162	84,317
QUEENS	79,565	53,853	(25,712)	797,464	728,983	(68,481)	506,476	426,060	(80,416)	34,320	29,551	(4,769)	2,572,849	2,101,636	(471,213)
BRONX	39,782	24,157	(15,625)	527,224	422,303	(104,921)	214,777	211,158	(3,619)	14,907	17,746	2,840	1,417,827	1,179,699	(238,128)
BROOKLYN	100,544	76,958	(23,586)	840,438	772,462	(67,976)	557,034	553,488	(3,546)	53,630	56,568	2,938	2,773,264	2,415,176	(358,089)
STATEN ISLAND	8,693	6,218	(2,474)	222,982	196,172	(26,811)	96,053	91,537	(4,516)	6,022	6,153	131	550,749	452,231	(98,518)
NASSAU	30,727	39,129	8,401	604,530	642,327	37,797	414,076	438,997	24,921	36,064	34,670	(1,394)	1,800,660	1,824,520	23,860
SUFFOLK	39,584	34,432	(5,151)	840,289	813,755	(26,533)	606,482	591,161	(15,320)	48,943	47,936	(1,008)	2,435,719	2,290,865	(144,853)
WESTCHESTER	13,400	10,088	(3,311)	360,959	395,847	34,888	269,459	267,226	(2,233)	29,074	29,322	248	1,157,904	1,162,924	5,020
ROCKLAND	16,319	15,197	(1,122)	121,397	120,398	(999)	121,221	121,924	703	7,303	7,303	(0)	433,108	405,919	(27,188)
PUTNAM	713	157	(556)	58,952	45,592	(13,361)	34,057	33,006	(1,051)	1,009	1,009	0	165,098	127,773	(37,324)
ORANGE	8,846	6,944	(1,902)	120,090	118,114	(1,975)	112,735	112,725	(10)	6,149	6,050	(99)	448,114	401,288	(46,826)
DUTCHESS	6,129	5,021	(1,108)	118,658	108,780	(9,878)	74,661	69,163	(5,498)	5,882	5,882	0	345,341	310,663	(34,678)
FARIFIELD	18,560	18,617	57	468,590	480,520	11,930	266,711	260,212	(6,499)	21,079	20,790	(289)	1,242,265	1,250,130	7,864
BERGEN	24,082	16,678	(7,404)	496,274	515,878	19,604	293,594	279,385	(14,209)	37,189	36,229	(961)	1,394,625	1,343,521	(51,104)
PASSAIC	10,689	12,142	1,453	246,291	246,756	465	160,607	162,914	2,307	9,244	11,348	2,104	639,428	630,540	(8,888)
HUDSON	10,554	7,815	(2,739)	179,866	161,850	(18,017)	125,175	120,883	(4,292)	15,288	15,444	156	646,623	599,752	(46,871)
ESSEX	8,538	12,744	4,206	344,344	332,493	(11,850)	201,141	207,285	6,144	27,037	25,384	(1,653)	959,916	977,757	17,841
UNION	7,305	7,307	2	212,843	192,729	(20,114)	175,455	155,658	(19,796)	17,733	16,350	(1,383)	731,872	645,298	(86,574)
MORRIS	4,193	4,969	776	216,961	220,994	4,033	151,689	159,522	7,833	27,365	25,097	(2,268)	667,455	712,743	45,288
SOMERSET	6,570	4,890	(1,680)	114,910	135,119	20,208	80,382	75,176	(5,206)	12,637	16,052	3,415	394,488	428,218	33,730
MIDDLESEX	14,615	15,935	1,320	347,179	335,404	(11,775)	207,918	210,748	2,829	28,132	24,852	(3,281)	1,077,043	1,017,416	(59,626)
MONMOUTH	8,467	5,661	(2,806)	307,738	318,233	10,494	229,261	228,516	(744)	21,877	20,544	(1,333)	894,113	861,703	(32,410)
OCEAN	22,882	22,792	(90)	231,256	219,732	(11,524)	195,510	197,249	1,739	10,535	13,221	2,687	724,884	675,543	(49,341)
HUNTERDON	633	369	(265)	46,127	43,608	(2,518)	31,543	30,488	(1,055)	3,169	2,476	(693)	140,821	132,843	(7,979)
WARREN	1,207	529	(678)	61,389	56,252	(5,137)	17,789	13,911	(3,878)	529	1,416	887	129,343	106,720	(22,623)
SUSSEX	2,057	1,683	(374)	52,448	44,391	(8,057)	31,396	31,013	(383)	4,310	5,700	1,389	173,261	132,927	(40,335)
NEW HAVEN	17,475	17,737	262	398,147	396,067	(2,080)	188,626	185,198	(3,428)	40,608	41,040	433	1,083,261	1,053,391	(29,870)
MERCER	4,560	6,867	2,307	140,674	149,490	8,816	86,624	81,551	(5,072)	14,093	13,334	(760)	412,405	433,675	21,270
Total	**549,715**	**549,715**	**0**	**9,028,832**	**9,028,832**	**0**	**5,923,948**	**5,923,948**	**0**	**804,639**	**804,639**	**0**	**27,536,093**	**27,536,093**	**0**

	University			Maintenance			Discretionary			AtWork			All Purposes		
Downtown	1,010	17,533	16,523	13,582	28,921	15,338	3,617	21,434	17,817	44,687	31,906	(12,781)	88,227	363,026	274,798
Valley	9,354	45,887	36,533	132,807	246,185	113,378	152,302	216,059	63,756	83,925	92,582	8,656	604,415	1,209,068	604,653
Midtown	3,478	7,989	4,510	74,661	127,912	53,251	52,805	116,989	64,184	114,696	114,567	(128)	326,170	1,099,967	773,797
Upper Manhattan	29,186	49,419	20,234	329,762	411,565	81,803	264,770	253,310	(11,460)	27,204	34,119	6,914	1,104,845	1,189,162	84,317
Bronx	39,782	24,157	(15,625)	527,224	422,303	(104,921)	214,777	211,158	(3,619)	14,907	17,746	2,840	1,417,827	1,179,699	(238,128)
Queens	79,565	53,853	(25,712)	797,464	728,983	(68,481)	506,476	426,060	(80,416)	34,320	29,551	(4,769)	2,572,849	2,101,636	(471,213)
Brooklyn	100,544	76,958	(23,586)	840,438	772,462	(67,976)	557,034	553,488	(3,546)	53,630	56,568	2,938	2,773,264	2,415,176	(358,089)
Staten Island	8,693	6,218	(2,474)	222,982	196,172	(26,811)	96,053	91,537	(4,516)	6,022	6,153	131	550,749	452,231	(98,518)
Nassau	30,727	39,129	8,401	604,530	642,327	37,797	414,076	438,997	24,921	36,064	34,670	(1,394)	1,800,660	1,824,520	23,860
Suffolk	39,584	34,432	(5,151)	840,289	813,755	(26,533)	606,482	591,161	(15,320)	48,943	47,936	(1,008)	2,435,719	2,290,865	(144,853)
Westchester	13,400	10,088	(3,311)	360,959	395,847	34,888	269,459	267,226	(2,233)	29,074	29,322	248	1,157,904	1,162,924	5,020
EHR Other NY	6,842	5,178	(1,664)	177,610	154,371	(23,238)	108,718	102,169	(6,549)	6,891	6,891	0	510,438	438,436	(72,002)
Connecticut	36,035	36,354	319	866,737	876,586	9,849	455,337	445,410	(9,927)	61,687	61,831	144	2,325,526	2,303,520	(22,006)
WHR Primary NJ	75,783	72,620	(3,163)	1,826,797	1,785,111	(41,686)	1,163,891	1,136,873	(27,018)	134,623	129,606	(5,018)	5,449,507	5,214,285	(235,223)
WHR Other NJ	50,568	47,759	(2,809)	1,171,504	1,187,819	16,315	824,194	817,426	(6,767)	94,515	97,839	3,324	3,536,771	3,484,371	(52,400)
WHR NY	25,165	22,140	(3,024)	241,487	238,513	(2,974)	233,956	234,649	693	13,452	13,353	(99)	881,221	807,207	(74,014)

HAJ / MDSC Productions and Attractions by County

NYBPM2010

	Low Income Work			Med Income Work			High Income Work			All Work			School		
	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)
DOWNTOWN	398	9,584	9,186	15,177	162,722	147,545	4,061	86,561	82,500	19,636	258,867	239,231	1,867	8,140	6,273
VALLEY	21,905	39,966	18,061	92,045	398,886	306,841	76,235	145,828	69,593	190,185	584,680	394,495	22,382	31,637	9,255
MIDTOWN	1,589	21,987	20,398	43,659	429,739	386,080	20,220	279,166	258,946	65,468	730,892	665,424	15,205	11,692	(3,513)
UPPER MANHATTAN	15,726	24,945	9,219	217,134	234,048	16,914	115,620	59,635	(55,985)	348,480	318,628	(29,852)	94,045	126,478	32,433
QUEENS	33,317	22,076	(11,241)	684,755	434,661	(250,094)	139,720	81,339	(58,381)	857,792	538,076	(319,716)	309,581	309,280	(301)
BRONX	38,110	20,629	(17,481)	338,187	239,901	(98,286)	14,496	32,706	18,210	390,793	293,236	(97,557)	230,486	226,639	(3,847)
BROOKLYN	52,167	33,521	(18,646)	657,529	457,855	(199,674)	113,726	70,397	(43,329)	823,422	561,773	(261,649)	401,366	399,981	(1,385)
STATEN ISLAND	1,499	2,166	667	109,646	71,204	(38,442)	33,894	18,561	(15,333)	145,039	91,931	(53,108)	72,234	68,116	(4,118)
NASSAU	6,204	5,806	(398)	314,185	306,867	(7,318)	152,908	105,622	(47,286)	473,297	418,295	(55,002)	242,043	248,272	6,229
SUFFOLK	8,663	8,598	(65)	467,887	396,849	(71,038)	148,084	106,362	(41,722)	624,634	511,809	(112,825)	277,336	276,250	(1,086)
WESTCHESTER	16,201	6,372	(9,829)	243,192	214,107	(29,085)	95,685	84,022	(11,663)	355,078	304,501	(50,577)	209,872	207,250	(2,622)
ROCKLAND	2,186	2,283	97	69,754	67,264	(2,490)	36,205	18,309	(17,896)	108,145	87,856	(20,289)	58,816	58,355	(461)
PUTNAM	1,013	2,710	1,697	32,510	14,344	(18,166)	10,640	6,189	(4,451)	44,163	23,243	(20,920)	25,793	24,844	(949)
ORANGE	5,217	5,286	69	98,119	78,258	(19,861)	22,828	9,727	(13,101)	126,164	93,271	(32,893)	73,915	71,889	(2,026)
DUTCHESS	4,109	2,941	(1,168)	92,884	67,597	(25,287)	16,096	17,074	978	113,089	87,612	(25,477)	49,864	44,641	(5,223)
FARIFIELD	20,445	18,894	(1,551)	244,644	240,544	(4,100)	106,350	87,758	(18,592)	371,439	347,196	(24,243)	127,737	128,366	629
BERGEN	6,272	5,403	(869)	251,327	241,578	(9,749)	112,304	80,551	(31,753)	369,903	327,532	(42,371)	172,515	172,511	(4)
PASSAIC	10,333	8,313	(2,020)	122,399	123,786	1,387	27,631	16,970	(10,661)	160,363	149,069	(11,294)	51,804	52,711	907
HUDSON	14,545	9,564	(4,981)	177,293	172,421	(4,872)	42,356	38,091	(4,265)	234,194	220,076	(14,118)	80,517	79,755	(762)
ESSEX	10,205	14,672	4,467	189,962	209,918	19,956	55,985	51,363	(4,622)	256,152	275,953	19,801	123,108	125,774	2,666
UNION	2,733	3,817	1,084	169,524	139,499	(30,025)	40,650	34,081	(6,569)	212,907	177,397	(35,510)	105,397	96,679	(8,718)
MORRIS	0	149	149	123,877	153,837	29,960	60,610	66,044	5,434	184,487	220,030	35,543	82,902	82,717	(185)
SOMERSET	104	94	(10)	80,573	99,698	19,125	44,310	46,261	1,951	124,987	146,053	21,066	54,715	51,647	(3,068)
MIDDLESEX	4,329	7,503	3,174	248,558	220,786	(27,772)	65,443	46,342	(19,101)	318,330	274,631	(43,699)	161,295	155,808	(5,487)
MONMOUTH	5,208	5,680	472	147,401	136,131	(11,270)	67,862	43,230	(24,632)	220,471	185,041	(35,430)	106,478	103,668	(2,810)
OCEAN	5,193	3,455	(1,738)	143,691	114,734	(28,957)	30,877	23,837	(7,040)	179,761	142,026	(37,735)	84,845	79,691	(5,154)
HUNTERDON	251	276	25	24,462	21,599	(2,863)	15,136	13,661	(1,475)	39,849	35,536	(4,313)	19,495	20,118	623
WARREN	813	349	(464)	26,254	14,085	(12,169)	2,028	2,036	8	29,095	16,470	(12,625)	19,958	17,948	(2,010)
SUSSEX	439	883	444	51,438	25,199	(26,239)	9,857	3,967	(5,890)	61,734	30,049	(31,685)	20,903	20,057	(846)
NEW HAVEN	8,599	9,443	844	247,850	227,415	(20,435)	48,634	47,489	(1,145)	305,083	284,347	(20,736)	132,567	129,495	(3,072)
MERCER	2,226	2,620	394	85,767	95,838	10,071	27,744	34,849	7,105	115,737	133,307	17,570	51,094	49,624	(1,470)
Total	**299,999**	**299,985**	**(14)**	**5,811,683**	**5,811,370**	**(313)**	**1,758,195**	**1,758,028**	**(167)**	**7,869,877**	**7,869,383**	**(494)**	**3,480,135**	**3,480,033**	**(102)**

	Low Income Work			Med Income Work			High Income Work			All Work			School		
Downtown	398	9,584	9,186	15,177	162,722	147,545	4,061	86,561	82,500	19,636	258,867	239,231	1,867	8,140	6,273
Valley	21,905	39,966	18,061	92,045	398,886	306,841	76,235	145,828	69,593	190,185	584,680	394,495	22,382	31,637	9,255
Midtown	1,589	21,987	20,398	43,659	429,739	386,080	20,220	279,166	258,946	65,468	730,892	665,424	15,205	11,692	(3,513)
Upper Manhattan	15,726	24,945	9,219	217,134	234,048	16,914	115,620	59,635	(55,985)	348,480	318,628	(29,852)	94,045	126,478	32,433
Bronx	38,110	20,629	(17,481)	338,187	239,901	(98,286)	14,496	32,706	18,210	390,793	293,236	(97,557)	230,486	226,639	(3,847)
Queens	33,317	22,076	(11,241)	684,755	434,661	(250,094)	139,720	81,339	(58,381)	857,792	538,076	(319,716)	309,581	309,280	(301)
Brooklyn	52,167	33,521	(18,646)	657,529	457,855	(199,674)	113,726	70,397	(43,329)	823,422	561,773	(261,649)	401,366	399,981	(1,385)
Staten Island	1,499	2,166	667	109,646	71,204	(38,442)	33,894	18,561	(15,333)	145,039	91,931	(53,108)	72,234	68,116	(4,118)
Nassau	6,204	5,806	(398)	314,185	306,867	(7,318)	152,908	105,622	(47,286)	473,297	418,295	(55,002)	242,043	248,272	6,229
Suffolk	8,663	8,598	(65)	467,887	396,849	(71,038)	148,084	106,362	(41,722)	624,634	511,809	(112,825)	277,336	276,250	(1,086)
Westchester	16,201	6,372	(9,829)	243,192	214,107	(29,085)	95,685	84,022	(11,663)	355,078	304,501	(50,577)	209,872	207,250	(2,622)
EHR Other NY	5,122	5,651	529	125,394	81,941	(43,453)	26,736	23,263	(3,473)	157,252	110,855	(46,397)	75,657	69,485	(6,172)
Connecticut	29,044	28,337	(707)	492,494	467,959	(24,535)	154,984	135,247	(19,737)	676,522	631,543	(44,979)	260,304	257,861	(2,443)
WHR Primary NJ	48,417	49,272	855	1,159,063	1,107,988	(51,075)	344,369	267,398	(76,971)	1,551,849	1,424,658	(127,191)	694,636	683,238	(11,398)
WHR Other NJ	14,234	13,506	(728)	683,463	661,121	(22,342)	258,424	233,885	(24,539)	956,121	908,512	(47,609)	440,390	425,470	(14,920)
WHR NY	7,403	7,569	166	167,873	145,522	(22,351)	59,033	28,036	(30,997)	234,309	181,127	(53,182)	132,731	130,244	(2,487)

HAJ Productions and Attractions by County

NYBPM2010

	University			Maintenance			Discretionary			AtWork			All Purposes		
	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)
DOWNTOWN	1,030	17,735	16,705	13,434	26,636	13,202	3,522	23,562	20,040	3,198	25,321	22,123	42,687	360,261	317,574
VALLEY	9,163	46,418	37,255	133,235	244,022	110,787	151,673	217,333	65,660	28,626	75,599	46,973	535,264	1,199,689	664,425
MIDTOWN	3,548	8,082	4,534	75,248	123,354	48,106	52,787	118,362	65,575	9,602	91,461	81,859	221,858	1,083,843	861,985
UPPER MANHATTAN	29,031	49,990	20,959	330,089	407,535	77,446	262,228	258,040	(4,188)	45,812	37,067	(8,745)	1,109,685	1,197,738	88,053
QUEENS	79,085	54,469	(24,616)	794,435	724,528	(69,907)	504,708	423,895	(80,813)	82,987	44,814	(38,173)	2,628,588	2,095,062	(533,526)
BRONX	39,969	24,441	(15,528)	529,634	430,796	(98,838)	213,961	188,192	(25,769)	34,115	20,430	(13,685)	1,438,958	1,183,734	(255,224)
BROOKLYN	101,203	77,851	(23,352)	840,787	773,838	(66,949)	556,850	542,747	(14,103)	92,517	65,366	(27,151)	2,816,145	2,421,556	(394,589)
STATEN ISLAND	8,852	6,286	(2,566)	224,626	195,614	(29,012)	96,366	89,454	(6,912)	13,687	8,109	(5,578)	560,804	459,510	(101,294)
NASSAU	31,186	39,569	8,383	602,161	637,672	35,511	413,839	426,257	12,418	44,484	44,082	(402)	1,807,010	1,814,147	7,137
SUFFOLK	39,472	34,829	(4,643)	836,775	808,380	(28,395)	603,283	586,046	(17,237)	57,999	55,913	(2,086)	2,439,499	2,273,227	(166,272)
WESTCHESTER	20,787	10,198	(10,589)	502,984	515,798	12,814	161,300	174,279	12,979	67,789	35,756	(32,033)	1,317,810	1,247,782	(70,028)
ROCKLAND	16,246	15,376	(870)	122,798	126,030	3,232	121,545	126,239	4,694	9,878	7,976	(1,902)	437,428	421,832	(15,596)
PUTNAM	697	158	(539)	58,688	50,126	(8,562)	34,156	31,116	(3,040)	3,181	1,680	(1,501)	166,678	131,167	(35,511)
ORANGE	8,750	7,027	(1,723)	119,659	120,730	1,071	112,579	106,628	(5,951)	10,400	7,140	(3,260)	451,467	406,685	(44,782)
DUTCHESS	4,591	4,922	331	148,567	137,121	(11,446)	44,307	44,535	228	23,327	9,078	(14,249)	383,745	327,909	(55,836)
FARIFIELD	18,517	18,827	310	499,118	514,551	15,433	292,851	280,295	(12,556)	29,225	34,963	5,738	1,338,887	1,324,198	(14,689)
BERGEN	24,050	16,868	(7,182)	499,126	517,349	18,223	295,442	287,482	(7,960)	39,660	43,746	4,086	1,400,696	1,365,488	(35,208)
PASSAIC	10,667	12,282	1,615	245,505	248,225	2,720	161,032	166,014	4,982	14,532	14,025	(507)	643,903	642,326	(1,577)
HUDSON	10,679	7,894	(2,785)	181,062	167,485	(13,577)	125,366	123,857	(1,509)	24,641	21,426	(3,215)	656,459	620,493	(35,966)
ESSEX	8,577	12,890	4,313	343,651	342,231	(1,420)	201,781	211,696	9,915	27,602	30,521	2,919	960,871	999,065	38,194
UNION	7,397	7,390	(7)	214,132	199,504	(14,628)	174,929	160,698	(14,231)	22,057	19,330	(2,727)	736,819	660,998	(75,821)
MORRIS	4,172	5,026	854	217,022	222,922	5,900	151,795	160,556	8,761	20,850	26,549	5,699	661,228	717,800	56,572
SOMERSET	6,532	4,948	(1,584)	114,743	133,258	18,515	79,961	76,277	(3,684)	12,403	16,847	4,444	393,341	429,030	35,689
MIDDLESEX	14,676	16,117	1,441	347,825	339,170	(8,655)	209,067	216,486	7,419	33,863	29,642	(4,221)	1,085,056	1,031,854	(53,202)
MONMOUTH	8,417	5,726	(2,691)	307,219	311,737	4,518	229,177	227,225	(1,952)	25,460	21,067	(4,393)	897,222	854,464	(42,758)
OCEAN	22,523	22,893	370	229,570	225,459	(4,111)	195,440	193,918	(1,522)	16,177	14,534	(1,643)	728,316	678,521	(49,795)
HUNTERDON	628	371	(257)	46,206	43,495	(2,711)	31,865	30,426	(1,439)	3,801	3,028	(773)	141,844	132,974	(8,870)
WARREN	1,277	535	(742)	62,222	55,896	(6,326)	17,770	13,815	(3,955)	2,226	1,492	(734)	132,548	106,156	(26,392)
SUSSEX	2,070	1,694	(376)	52,436	45,778	(6,658)	30,819	30,091	(728)	7,128	3,878	(3,250)	175,090	131,547	(43,543)
NEW HAVEN	17,416	17,933	517	398,178	397,704	(474)	189,129	187,457	(1,672)	39,449	34,244	(5,205)	1,081,822	1,051,180	(30,642)
MERCER	4,512	6,951	2,439	138,865	142,297	3,432	87,131	83,310	(3,821)	12,945	14,463	1,518	410,284	429,952	19,668
Total	**555,720**	**555,696**	**(24)**	**9,230,000**	**9,229,241**	**(759)**	**5,806,659**	**5,806,288**	**(371)**	**859,621**	**859,547**	**(74)**	**27,802,012**	**27,800,188**	**(1,824)**

	University			Maintenance			Discretionary			AtWork			All Purposes		
Downtown	1,030	17,735	16,705	13,434	26,636	13,202	3,522	23,562	20,040	3,198	25,321	22,123	42,687	360,261	317,574
Valley	9,163	46,418	37,255	133,235	244,022	110,787	151,673	217,333	65,660	28,626	75,599	46,973	535,264	1,199,689	664,425
Midtown	3,548	8,082	4,534	75,248	123,354	48,106	52,787	118,362	65,575	9,602	91,461	81,859	221,858	1,083,843	861,985
Upper Manhattan	29,031	49,990	20,959	330,089	407,535	77,446	262,228	258,040	(4,188)	45,812	37,067	(8,745)	1,109,685	1,197,738	88,053
Bronx	39,969	24,441	(15,528)	529,634	430,796	(98,838)	213,961	188,192	(25,769)	34,115	20,430	(13,685)	1,438,958	1,183,734	(255,224)
Queens	79,085	54,469	(24,616)	794,435	724,528	(69,907)	504,708	423,895	(80,813)	82,987	44,814	(38,173)	2,628,588	2,095,062	(533,526)
Brooklyn	101,203	77,851	(23,352)	840,787	773,838	(66,949)	556,850	542,747	(14,103)	92,517	65,366	(27,151)	2,816,145	2,421,556	(394,589)
Staten Island	8,852	6,286	(2,566)	224,626	195,614	(29,012)	96,366	89,454	(6,912)	13,687	8,109	(5,578)	560,804	459,510	(101,294)
Nassau	31,186	39,569	8,383	602,161	637,672	35,511	413,839	426,257	12,418	44,484	44,082	(402)	1,807,010	1,814,147	7,137
Suffolk	39,472	34,829	(4,643)	836,775	808,380	(28,395)	603,283	586,046	(17,237)	57,999	55,913	(2,086)	2,439,499	2,273,227	(166,272)
Westchester	20,787	10,198	(10,589)	502,984	515,798	12,814	161,300	174,279	12,979	67,789	35,756	(32,033)	1,317,810	1,247,782	(70,028)
EHR Other NY	5,288	5,080	(208)	207,255	187,247	(20,008)	78,463	75,651	(2,812)	26,508	10,758	(15,750)	550,423	459,076	(91,347)
Connecticut	35,933	36,760	827	897,296	912,255	14,959	481,980	467,752	(14,228)	68,674	69,207	533	2,420,709	2,375,378	(45,331)
WHR Primary NJ	76,046	73,441	(2,605)	1,831,301	1,813,964	(17,337)	1,167,617	1,166,233	(1,384)	162,355	158,690	(3,665)	5,483,804	5,320,224	(163,580)
WHR Other NJ	50,131	48,144	(1,987)	1,168,283	1,180,842	12,559	823,958	815,618	(8,340)	100,990	101,858	868	3,539,873	3,480,444	(59,429)
WHR NY	24,996	22,403	(2,593)	242,457	246,760	4,303	234,124	232,867	(1,257)	20,278	15,116	(5,162)	888,895	828,517	(60,378)

HAJ / MDSC Productions and Attractions by County

NYBPM2005

	Low Income Work			Med Income Work			High Income Work			All Work			School		
	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)
DOWNTOWN	295	14,426	14,131	6,763	186,970	180,207	3,320	78,411	75,091	10,378	279,807	269,429	1,470	2,427	957
VALLEY	9,891	33,117	23,226	151,793	370,703	218,910	52,551	142,099	89,548	214,235	545,919	331,684	55,992	55,575	(417)
MIDTOWN	1,803	36,973	35,170	37,414	425,542	388,128	21,197	199,850	178,653	60,414	662,365	601,951	9,069	14,410	5,341
UPPER MANHATTAN	17,888	18,641	753	281,505	312,684	31,179	114,651	83,125	(31,526)	414,044	414,450	406	203,440	196,598	(6,842)
QUEENS	57,302	40,318	(16,984)	609,839	398,010	(211,829)	121,674	71,565	(50,109)	788,815	509,893	(278,922)	321,905	321,975	70
BRONX	35,112	16,401	(18,711)	330,397	175,428	(154,969)	33,800	34,558	758	399,309	226,387	(172,922)	231,443	232,490	1,047
BROOKLYN	58,194	39,111	(19,083)	601,675	412,412	(189,263)	79,266	64,737	(14,529)	739,135	516,260	(222,875)	395,684	395,749	65
STATEN ISLAND	5,385	3,874	(1,511)	120,755	69,031	(51,724)	30,316	20,984	(9,332)	156,456	93,889	(62,567)	101,919	101,935	16
NASSAU	15,118	18,173	3,055	413,117	393,392	(19,725)	144,045	131,066	(12,979)	572,280	542,631	(29,649)	239,768	239,793	25
SUFFOLK	19,336	20,159	823	398,375	358,281	(40,094)	157,572	106,190	(51,382)	575,283	484,630	(90,653)	279,548	278,908	(640)
WESTCHESTER	16,326	12,251	(4,075)	239,847	256,064	16,217	112,927	84,518	(28,409)	369,100	352,833	(16,267)	215,295	215,336	41
ROCKLAND	6,125	3,242	(2,883)	99,652	65,321	(34,331)	37,782	20,863	(16,919)	143,559	89,426	(54,133)	69,447	69,467	20
PUTNAM	1,974	890	(1,084)	34,918	16,823	(18,095)	11,690	3,234	(8,456)	48,582	20,947	(27,635)	23,799	23,801	2
ORANGE	7,055	4,867	(2,188)	115,434	93,533	(21,901)	28,048	17,150	(10,898)	150,537	115,550	(34,987)	81,733	81,764	31
DUTCHESS	5,751	4,130	(1,621)	94,887	75,656	(19,231)	16,168	14,473	(1,695)	116,806	94,259	(22,547)	55,326	55,344	18
FARIFIELD	9,185	11,407	2,222	210,581	213,102	2,521	98,303	78,712	(19,591)	318,069	303,221	(14,848)	171,448	171,476	28
BERGEN	12,229	16,185	3,956	215,722	285,871	70,149	97,867	74,832	(23,035)	325,818	376,888	51,070	162,879	162,902	23
PASSAIC	10,283	6,858	(3,425)	148,038	113,083	(34,955)	24,223	28,503	4,280	182,544	148,444	(34,100)	98,901	98,911	10
HUDSON	11,143	15,069	3,926	192,517	139,639	(52,878)	28,689	28,653	(36)	232,349	183,361	(48,988)	78,665	78,685	20
ESSEX	14,414	12,108	(2,306)	187,594	210,679	23,085	64,037	65,730	1,693	266,045	288,517	22,472	143,418	143,452	34
UNION	9,796	6,681	(3,115)	149,827	130,841	(18,986)	38,958	34,629	(4,329)	198,581	172,151	(26,430)	91,652	91,663	11
MORRIS	7,406	9,865	2,459	128,516	153,143	24,627	73,201	59,738	(13,463)	209,123	222,746	13,623	86,032	86,034	2
SOMERSET	4,756	5,444	688	80,824	92,798	11,974	39,935	32,743	(7,192)	125,515	130,985	5,470	57,120	57,121	1
MIDDLESEX	15,070	12,372	(2,698)	219,109	214,270	(4,839)	65,796	66,323	527	299,975	292,965	(7,010)	130,993	130,997	4
MONMOUTH	14,464	10,713	(3,751)	158,312	144,812	(13,500)	62,584	52,530	(10,054)	235,360	208,055	(27,305)	113,396	113,402	6
OCEAN	8,970	7,138	(1,832)	152,988	105,483	(47,505)	31,456	18,737	(12,719)	193,414	131,358	(62,056)	100,795	100,825	30
HUNTERDON	1,885	2,125	240	34,779	33,570	(1,209)	18,027	7,672	(10,355)	54,691	43,367	(11,324)	24,299	24,314	15
WARREN	2,343	1,518	(825)	32,710	20,805	(11,905)	9,334	4,144	(5,190)	44,387	26,467	(17,920)	21,357	21,373	16
SUSSEX	2,689	2,213	(476)	44,117	28,701	(15,416)	14,797	5,546	(9,251)	61,603	36,460	(25,143)	33,321	33,337	16
NEW HAVEN	13,882	10,672	(3,210)	198,201	190,290	(7,911)	58,579	50,016	(8,563)	270,662	250,978	(19,684)	144,837	144,884	47
MERCER	8,078	7,207	(871)	116,523	119,792	3,269	28,817	38,279	9,462	153,418	165,278	11,860	67,650	67,653	3
Total	**404,148**	**404,148**	**0**	**5,806,729**	**5,806,729**	**0**	**1,719,610**	**1,719,610**	**0**	**7,930,487**	**7,930,487**	**0**	**3,812,601**	**3,812,601**	**0**

	Low Income Work			Med Income Work			High Income Work			All Work			School		
Downtown	295	14,426	14,131	6,763	186,970	180,207	3,320	78,411	75,091	10,378	279,807	269,429	1,470	2,427	957
Valley	9,891	33,117	23,226	151,793	370,703	218,910	52,551	142,099	89,548	214,235	545,919	331,684	55,992	55,575	(417)
Midtown	1,803	36,973	35,170	37,414	425,542	388,128	21,197	199,850	178,653	60,414	662,365	601,951	9,069	14,410	5,341
Upper Manhattan	17,888	18,641	753	281,505	312,684	31,179	114,651	83,125	(31,526)	414,044	414,450	406	203,440	196,598	(6,842)
Bronx	35,112	16,401	(18,711)	330,397	175,428	(154,969)	33,800	34,558	758	399,309	226,387	(172,922)	231,443	232,490	1,047
Queens	57,302	40,318	(16,984)	609,839	398,010	(211,829)	121,674	71,565	(50,109)	788,815	509,893	(278,922)	321,905	321,975	70
Brooklyn	58,194	39,111	(19,083)	601,675	412,412	(189,263)	79,266	64,737	(14,529)	739,135	516,260	(222,875)	395,684	395,749	65
Staten Island	5,385	3,874	(1,511)	120,755	69,031	(51,724)	30,316	20,984	(9,332)	156,456	93,889	(62,567)	101,919	101,935	16
Nassau	15,118	18,173	3,055	413,117	393,392	(19,725)	144,045	131,066	(12,979)	572,280	542,631	(29,649)	239,768	239,793	25
Suffolk	19,336	20,159	823	398,375	358,281	(40,094)	157,572	106,190	(51,382)	575,283	484,630	(90,653)	279,548	278,908	(640)
Westchester	16,326	12,251	(4,075)	239,847	256,064	16,217	112,927	84,518	(28,409)	369,100	352,833	(16,267)	215,295	215,336	41
EHR Other NY	7,725	5,020	(2,705)	129,805	92,479	(37,326)	27,858	17,707	(10,151)	165,388	115,206	(50,182)	79,125	79,145	20
Connecticut	23,067	22,079	(988)	408,782	403,392	(5,390)	156,882	128,728	(28,154)	588,731	554,199	(34,532)	316,285	316,360	75
WHR Primary NJ	72,935	69,273	(3,662)	1,112,807	1,094,383	(18,424)	319,570	298,670	(20,900)	1,505,312	1,462,326	(42,986)	706,508	706,610	102
WHR Other NJ	50,591	46,223	(4,368)	748,769	699,104	(49,665)	278,151	219,389	(58,762)	1,077,511	964,716	(112,795)	503,970	504,059	89
WHR NY	13,180	8,109	(5,071)	215,086	158,854	(56,232)	65,830	38,013	(27,817)	294,096	204,976	(89,120)	151,180	151,231	51

HAJ Productions and Attractions by County

NYBPM2005

	University			Maintenance			Discretionary			AtWork			All Purposes		
	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)	Prod	Attr	Diff (A-P)
DOWNTOWN	562	1,570	1,008	6,872	31,426	24,554	2,084	5,927	3,843	52,928	39,362	(13,566)	74,294	360,519	286,225
VALLEY	12,010	22,198	10,188	194,440	321,340	126,900	56,786	73,598	16,812	103,011	119,973	16,962	636,474	1,138,603	502,129
MIDTOWN	3,538	12,567	9,029	59,286	165,250	105,964	12,935	39,245	26,310	126,067	130,444	4,377	271,309	1,024,281	752,972
UPPER MANHATTAN	40,183	42,451	2,268	429,575	447,938	18,363	134,740	124,333	(10,407)	75,465	96,767	21,302	1,297,447	1,322,537	25,090
QUEENS	63,752	31,620	(32,132)	982,517	703,557	(278,960)	338,133	259,784	(78,349)	96,846	89,726	(7,120)	2,591,968	1,916,555	(675,413)
BRONX	47,110	27,962	(19,148)	587,875	527,321	(60,554)	144,569	173,951	29,382	42,689	29,797	(12,892)	1,452,995	1,217,908	(235,087)
BROOKLYN	70,351	53,444	(16,907)	1,110,799	1,079,012	(31,787)	315,347	318,868	3,521	95,360	105,354	9,994	2,726,676	2,468,687	(257,989)
STATEN ISLAND	11,233	10,609	(624)	261,722	257,815	(3,907)	68,341	64,361	(3,980)	17,144	15,912	(1,232)	616,815	544,521	(72,294)
NASSAU	25,427	21,184	(4,243)	707,406	843,394	135,988	234,252	278,225	43,973	100,508	92,864	(7,644)	1,879,641	2,018,091	138,450
SUFFOLK	30,883	22,371	(8,512)	818,958	819,843	885	270,118	275,227	5,109	90,207	91,488	1,281	2,064,997	1,972,467	(92,530)
WESTCHESTER	20,592	20,290	(302)	494,614	477,711	(16,903)	159,478	167,100	7,622	65,612	65,212	(400)	1,324,691	1,298,482	(26,209)
ROCKLAND	5,975	7,431	1,456	179,633	177,524	(2,109)	61,040	63,146	2,106	16,494	16,688	194	476,148	423,682	(52,466)
PUTNAM	1,663	1,384	(279)	47,253	42,896	(4,357)	19,022	18,607	(415)	3,680	3,016	(664)	143,999	110,651	(33,348)
ORANGE	5,256	6,754	1,498	178,378	178,233	(145)	62,718	62,213	(505)	21,474	21,216	(258)	500,096	465,730	(34,366)
DUTCHESS	4,645	8,521	3,876	137,549	135,991	(1,558)	43,304	43,305	1	17,253	16,481	(772)	374,883	353,901	(20,982)
FARIFIELD	21,159	22,339	1,180	375,433	396,766	21,333	110,411	107,791	(2,620)	56,840	58,256	1,416	1,053,360	1,059,849	6,489
BERGEN	16,836	15,563	(1,273)	478,560	475,850	(2,710)	152,075	134,091	(17,984)	70,401	67,693	(2,708)	1,206,569	1,232,987	26,418
PASSAIC	8,258	10,543	2,285	232,196	228,712	(3,484)	80,204	72,764	(7,440)	27,763	26,475	(1,288)	629,866	585,849	(44,017)
HUDSON	18,366	15,432	(2,934)	207,313	197,746	(9,567)	64,081	55,306	(8,775)	34,306	35,120	814	635,080	565,650	(69,430)
ESSEX	17,552	36,974	19,422	299,555	314,433	14,878	72,230	78,467	6,237	53,602	50,992	(2,610)	852,402	912,835	60,433
UNION	7,512	12,073	4,561	311,021	294,300	(16,721)	71,404	69,646	(1,758)	31,989	32,397	408	712,159	672,230	(39,929)
MORRIS	8,613	13,880	5,267	231,493	226,150	(5,343)	64,743	62,307	(2,436)	41,452	40,606	(846)	641,456	651,723	10,267
SOMERSET	5,286	6,484	1,198	175,046	164,900	(10,146)	37,818	36,997	(821)	24,217	22,768	(1,449)	425,002	419,255	(5,747)
MIDDLESEX	13,690	17,194	3,504	403,323	407,323	4,000	120,193	118,484	(1,709)	54,368	53,528	(840)	1,022,542	1,020,491	(2,051)
MONMOUTH	10,021	11,042	1,021	357,750	355,257	(2,493)	119,522	115,769	(3,753)	39,194	39,829	635	875,243	843,354	(31,889)
OCEAN	8,371	9,764	1,393	245,078	245,633	555	83,651	83,313	(338)	24,013	23,114	(899)	655,322	594,007	(61,315)
HUNTERDON	2,165	1,874	(291)	58,344	55,259	(3,085)	15,952	14,040	(1,912)	7,868	6,478	(1,390)	163,319	145,332	(17,987)
WARREN	1,839	2,344	505	50,356	49,997	(359)	13,774	13,019	(755)	4,883	4,416	(467)	136,596	117,616	(18,980)
SUSSEX	2,529	3,109	580	68,593	66,587	(2,006)	18,943	17,197	(1,746)	6,743	6,036	(707)	191,732	162,726	(29,006)
NEW HAVEN	16,174	27,161	10,987	463,363	462,176	(1,187)	162,306	161,523	(783)	46,367	46,489	122	1,103,709	1,093,211	(10,498)
MERCER	6,198	11,617	5,419	168,084	172,045	3,961	45,308	46,878	1,570	31,056	31,303	247	471,714	494,774	23,060
Total	**507,749**	**507,749**	**0**	**10,322,385**	**10,322,385**	**0**	**3,155,482**	**3,155,482**	**0**	**1,479,800**	**1,479,800**	**0**	**27,208,504**	**27,208,504**	**0**

	University			Maintenance			Discretionary			AtWork			All Purposes		
Downtown	562	1,570	1,008	6,872	31,426	24,554	2,084	5,927	3,843	52,928	39,362	(13,566)	74,294	360,519	286,225
Valley	12,010	22,198	10,188	194,440	321,340	126,900	56,786	73,598	16,812	103,011	119,973	16,962	636,474	1,138,603	502,129
Midtown	3,538	12,567	9,029	59,286	165,250	105,964	12,935	39,245	26,310	126,067	130,444	4,377	271,309	1,024,281	752,972
Upper Manhattan	40,183	42,451	2,268	429,575	447,938	18,363	134,740	124,333	(10,407)	75,465	96,767	21,302	1,297,447	1,322,537	25,090
Bronx	47,110	27,962	(19,148)	587,875	527,321	(60,554)	144,569	173,951	29,382	42,689	29,797	(12,892)	1,452,995	1,217,908	(235,087)
Queens	63,752	31,620	(32,132)	982,517	703,557	(278,960)	338,133	259,784	(78,349)	96,846	89,726	(7,120)	2,591,968	1,916,555	(675,413)
Brooklyn	70,351	53,444	(16,907)	1,110,799	1,079,012	(31,787)	315,347	318,868	3,521	95,360	105,354	9,994	2,726,676	2,468,687	(257,989)
Staten Island	11,233	10,609	(624)	261,722	257,815	(3,907)	68,341	64,361	(3,980)	17,144	15,912	(1,232)	616,815	544,521	(72,294)
Nassau	25,427	21,184	(4,243)	707,406	843,394	135,988	234,252	278,225	43,973	100,508	92,864	(7,644)	1,879,641	2,018,091	138,450
Suffolk	30,883	22,371	(8,512)	818,958	819,843	885	270,118	275,227	5,109	90,207	91,488	1,281	2,064,997	1,972,467	(92,530)
Westchester	20,592	20,290	(302)	494,614	477,711	(16,903)	159,478	167,100	7,622	65,612	65,212	(400)	1,324,691	1,298,482	(26,209)
EHR Other NY	6,308	9,905	3,597	184,802	178,887	(5,915)	62,326	61,912	(414)	20,933	19,497	(1,436)	518,882	464,552	(54,330)
Connecticut	37,333	49,500	12,167	838,796	858,942	20,146	272,717	269,314	(3,403)	103,207	104,745	1,538	2,157,069	2,153,060	(4,009)
WHR Primary NJ	82,214	107,779	25,565	1,931,968	1,918,364	(13,604)	560,187	528,758	(31,429)	272,429	266,205	(6,224)	5,058,618	4,990,042	(68,576)
WHR Other NJ	45,022	60,114	15,092	1,354,744	1,335,828	(18,916)	399,711	389,520	(10,191)	179,426	174,550	(4,876)	3,560,384	3,428,787	(131,597)
WHR NY	11,231	14,185	2,954	358,011	355,757	(2,254)	123,758	125,359	1,601	37,968	37,904	(64)	976,244	889,412	(86,832)

D3a - Journeys by Purpose - 102C

All Income Groups - Work Flows

RHTS2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	81,106	22,443	59,097	15,910	1,432	926	7,830	253	3,252	-	-	-	157	5,637	1,977	3,380	**203,399**
2	Valley	9,911	5,979	2,151	240	1,890	77	467	-	-	-	1,088	-	940	634	-	-	**23,376**
3	Midtown	15,373	4,250	33,833	4,199	1,120	100	799	-	3,741	-	-	-	123	1,074	815	-	**65,427**
4	Upper Manhattan	84,038	21,408	109,373	84,474	16,591	12,844	8,059	2,899	2,477	61	2,133	-	2,187	9,256	2,679	1,659	**360,137**
5	Bronx	41,532	10,916	43,653	55,660	161,607	33,025	20,420	-	962	2,630	16,912	-	1,185	2,084	-	40	**390,626**
6	Queens	108,241	43,275	115,545	49,927	17,661	347,099	58,136	501	54,973	14,090	13,618	-	3,002	15,453	3,056	346	**844,921**
7	Brooklyn	105,314	60,373	107,537	39,201	5,251	47,133	398,777	7,317	13,914	2,643	6,883	-	95	20,625	5,413	874	**821,349**
8	Staten Island	9,772	6,088	15,275	2,121	109	6,107	23,021	65,753	5,157	69	-	-	-	6,783	4,371	-	**144,627**
9	Nassau	20,988	12,925	40,297	7,254	5,914	55,616	16,474	87	253,779	46,374	5,376	-	2,181	5,674	112	-	**473,050**
10	Suffolk	12,948	9,427	11,680	2,192	3,440	20,322	3,028	1,162	90,247	458,671	2,734	-	-	6,521	1,248	-	**623,620**
11	Westchester	18,621	4,018	36,409	11,853	33,458	13,386	8,835	-	211	-	170,855	5,685	16,931	3,898	214	6,462	**330,836**
12	EHR Other NY	1,905	705	1,468	2,956	2,614	4,240	59	-	-	432	27,063	92,274	4,384	2,082	-	7,010	**147,191**
13	Connecticut	4,471	1,542	18,120	2,737	5,734	-	711	-	317	-	19,652	-	582,654	7,395	993	361	**644,688**
14	WHR Primary NJ	48,008	38,932	92,128	22,435	20,076	5,247	20,929	6,881	1,346	2,277	11,177	-	4,349	1,099,805	169,328	10,697	**1,553,616**
15	WHR Other NJ	6,685	11,277	23,869	6,219	3,333	2,146	3,555	4,721	-	432	2,712	-	465	186,745	699,277	4,046	**955,483**
16	WHR NY	5,149	1,262	10,026	4,375	5,478	2,794	3,755	554	1,426	462	18,868	10,471	1,727	22,503	3,802	142,575	**235,226**
	Regional	**574,063**	**254,820**	**720,460**	**311,753**	**285,706**	**551,061**	**574,854**	**90,128**	**431,804**	**528,141**	**299,070**	**108,430**	**620,380**	**1,396,170**	**893,286**	**177,449**	**7,817,572**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	234,143	20,348	14,893	6,993	4,467	1,220	10,138
2	Other Manh	214,818	84,474	40,393	2,538	3,792	2,187	11,935
3	Other NYC	667,521	146,910	1,191,915	94,439	38,672	4,282	57,785
4	Long Island	108,265	9,446	106,042	849,071	8,110	2,181	13,555
5	Other NYS	79,562	19,184	75,173	2,530	481,263	23,043	32,499
6	CT	24,133	2,737	6,445	317	20,013	582,654	8,389
7	NJ	220,900	28,654	66,888	4,055	28,632	4,814	2,155,155

NYBPM2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	113,455	24,284	40,488	6,231	298	307	1,132	1	726	11	2	16	56	2,198	436	544	**190,185**
2	Valley	3,700	10,950	2,066	237	1,343	37	114	1	8	2	30	-	611	490	47	-	**19,636**
3	Midtown	10,415	7,505	39,767	4,437	543	127	128	1	615	19	4	14	59	1,198	140	2	**64,974**
4	Upper Manhattan	51,480	43,669	170,936	57,401	5,075	7,949	365	54	505	152	329	71	3,712	3,770	1,482	1,510	**348,460**
5	Bronx	16,151	28,634	86,584	126,649	85,290	8,693	2,187	171	6,339	4,191	7,534	48	9,552	6,973	1,022	775	**390,793**
6	Queens	315,353	4,309	63,072	19,278	50,326	380,527	6,813	225	12,377	1,168	2,416	7	166	1,554	159	89	**857,839**
7	Brooklyn	9,880	21,400	58,056	51,471	107,802	40,359	469,187	15,354	38,163	997	1,221	9	52	7,834	1,478	159	**823,422**
8	Staten Island	5,005	7,333	9,112	467	229	5,674	20,311	66,301	11,011	57	27	-	-	15,056	4,433	23	**145,039**
9	Nassau	2,293	5,619	118,834	22,298	1,966	36,682	46,363	257	165,110	59,379	539	-	1,286	8,454	2,579	1,638	**473,297**
10	Suffolk	128	2,584	755	840	94	10,109	3,460	124	158,900	445,048	686	-	3	1,521	234	148	**624,634**
11	Westchester	4,627	7,193	25,070	14,409	17,910	2,403	1,503	5	487	1	242,913	6,119	21,499	1,415	1	9,523	**355,078**
12	EHR Other NY	454	1,004	2,357	570	2,601	8,745	303	-	99	598	25,547	90,808	6,569	480	47	17,070	**157,252**
13	Connecticut	6,391	5,745	9,939	1,338	5,735	24,872	2,282	-	11,559	-	11,485	3,016	584,188	7,538	114	2,263	**676,465**
14	WHR Primary NJ	29,310	57,815	57,785	7,929	12,124	10,094	5,540	3,391	7,686	178	4,165	11	2,083	1,202,018	149,283	2,437	**1,551,849**
15	WHR Other NJ	13,410	28,161	23,666	3,364	726	326	1,719	6,044	1,659	6	128	2	70	136,332	739,527	1,011	**956,151**
16	WHR NY	2,628	2,662	22,405	1,709	1,174	1,172	366	2	3,051	2	7,475	10,734	1,637	27,827	7,530	143,935	**234,309**
	Regional	**584,680**	**258,867**	**730,892**	**318,628**	**293,236**	**538,076**	**561,773**	**91,931**	**418,295**	**511,809**	**304,501**	**110,855**	**631,543**	**1,424,658**	**908,512**	**181,127**	**7,869,383**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	252,630	10,905	4,032	1,381	612	726	4,509
2	Other Manh	266,085	57,401	13,443	657	1,910	3,712	5,252
3	Other NYC	624,889	197,865	1,259,449	74,303	12,308	9,770	38,509
4	Long Island	130,213	23,138	99,055	828,437	3,011	1,289	12,788
5	Other NYS	68,400	16,688	36,184	4,238	554,124	29,705	37,300
6	CT	22,075	1,338	32,889	11,559	16,764	584,188	7,652
7	NJ	210,147	11,293	39,964	9,529	7,754	2,153	2,227,160

NYBPM2005

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	85,860	32,537	68,540	11,939	202	5,003	3,705	20	353	141	133	14	356	5,371	1,442	11	**215,627**
2	Valley	2,967	3,051	3,031	519	10	273	193	-	10	5	9	1	9	226	73	1	**10,378**
3	Midtown	16,035	7,171	26,664	4,419	59	1,814	858	4	81	31	47	7	77	1,392	362	1	**59,022**
4	Upper Manhattan	72,475	35,855	111,577	146,390	12,820	9,405	7,894	43	1,108	435	3,719	330	478	7,058	1,951	48	**411,586**
5	Bronx	35,891	16,455	51,712	72,622	157,745	14,602	16,885	136	2,641	545	17,987	123	820	12,182	1,253	168	**401,767**
6	Queens	85,029	43,236	107,690	85,157	4,257	305,168	71,484	695	57,294	21,834	2,231	132	1,320	2,673	508	107	**788,815**
7	Brooklyn	111,313	63,595	116,291	39,467	3,139	28,600	353,630	2,395	6,855	2,918	5,337	330	1,023	3,167	974	101	**739,135**
8	Staten Island	12,227	9,865	10,397	1,741	451	7,250	21,343	82,725	316	14	57	-	202	8,984	876	8	**156,456**
9	Nassau	16,160	8,430	18,346	9,436	2,499	50,528	10,247	407	436,736	15,776	2,426	1	614	641	26	7	**572,280**
10	Suffolk	14,709	6,449	16,826	7,445	1,791	44,749	5,857	51	33,079	442,789	767	-	671	99	1	-	**575,283**
11	Westchester	15,009	5,611	33,836	5,413	27,698	7,829	2,013	19	684	15	236,920	618	14,980	7,499	25	10,931	**369,100**
12	EHR Other NY	3,995	2,010	9,982	448	2,183	1,004	515	4	173	1	15,599	106,154	18,292	1,157	110	3,761	**165,388**
13	Connecticut	7,174	2,966	19,518	4,874	5,262	3,148	1,843	5	991	-	39,682	4,765	496,622	1,862	2	17	**588,731**
14	WHR Primary NJ	37,915	23,048	40,959	17,065	1,872	14,771	8,585	3,462	1,569	90	1,435	2	13,986	1,246,656	92,604	1,293	**1,505,312**
15	WHR Other NJ	24,031	16,857	20,195	3,817	1,080	10,835	9,400	3,160	585	36	388	-	4,022	123,108	859,431	566	**1,077,511**
16	WHR NY	5,157	2,671	6,773	2,952	6,065	4,914	1,808	763	156	-	26,096	2,729	727	40,251	5,078	187,956	**294,096**
	Regional	**545,947**	**279,807**	**662,337**	**413,704**	**227,133**	**509,893**	**516,260**	**93,889**	**542,631**	**484,630**	**352,833**	**115,206**	**554,199**	**1,462,326**	**964,716**	**204,976**	**7,930,487**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	245,856	16,877	12,141	621	224	442	8,866
2	Other Manh	219,907	146,390	30,162	1,543	4,097	478	9,009
3	Other NYC	663,701	198,987	1,070,505	92,417	26,581	3,365	30,617
4	Long Island	80,920	16,881	116,129	928,380	3,201	1,285	767
5	Other NYS	85,044	8,813	54,815	1,029	590,764	33,999	54,120
6	CT	29,658	4,874	10,258	991	44,464	496,622	1,864
7	NJ	163,005	20,882	53,165	2,280	3,684	18,008	2,321,799

Outbound Journeys by Purpose

Low Income Work Flows

RHTS2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	10,784	2,957	4,454	2,241	1,244	-	-	-	-	-	-	-	-	-	-	-	**21,680**
2	Valley	-	313	-	-	-	-	-	-	-	-	320	-	-	-	-	-	**633**
3	Midtown	108	-	-	1,418	-	-	-	-	-	-	-	-	-	-	-	-	**1,526**
4	Upper Manhattan	2,997	-	5,355	3,804	239	2,680	160	-	40	-	-	-	-	79	-	-	**15,354**
5	Bronx	7,212	1,430	3,675	7,348	17,592	403	-	-	-	-	-	-	-	254	-	-	**37,915**
6	Queens	2,769	2,970	623	3,516	167	12,747	5,156	-	2,290	-	133	-	123	2,501	-	66	**33,061**
7	Brooklyn	11,743	165	2,691	4,576	-	5,325	28,196	-	-	-	-	-	-	-	-	-	**52,696**
8	Staten Island	40	-	256	-	-	-	-	1,232	-	-	-	-	-	-	-	-	**1,528**
9	Nassau	-	-	-	-	401	814	-	-	3,474	-	1,384	-	-	-	-	-	**6,074**
10	Suffolk	-	-	-	-	-	-	-	-	-	8,564	-	-	-	-	-	-	**8,564**
11	Westchester	-	329	-	-	-	-	-	-	-	-	3,723	1,568	-	-	-	-	**5,620**
12	EHR Other NY	-	216	-	-	-	-	-	-	-	-	268	3,837	-	-	-	-	**4,320**
13	Connecticut	-	-	1,679	-	-	-	-	-	-	-	-	-	26,764	-	-	-	**28,443**
14	WHR Primary NJ	2,359	701	2,102	765	-	70	-	834	-	-	306	-	-	42,975	-	-	**50,113**
15	WHR Other NJ	-	-	-	154	-	-	-	-	-	-	-	-	-	1,025	12,987	-	**14,166**
16	WHR NY	219	-	-	-	-	-	-	-	-	-	-	-	-	48	-	7,157	**7,425**
	Regional	**38,232**	**9,081**	**20,834**	**23,823**	**19,645**	**22,040**	**33,512**	**2,066**	**5,805**	**8,564**	**6,133**	**5,405**	**26,887**	**46,882**	**12,987**	**7,223**	**289,118**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	18,616	3,659	1,244	-	320	-	-
2	Other Manh	8,352	3,804	3,080	40	-	-	79
3	Other NYC	33,574	15,440	70,819	2,290	199	123	2,755
4	Long Island	-	-	1,215	12,038	1,384	-	-
5	Other NYS	764	-	-	-	16,553	-	48
6	CT	1,679	-	-	-	-	26,764	-
7	NJ	5,162	920	904	-	306	-	56,987

NYBPM2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	12,872	2,819	2,962	2,252	241	4	160	-	5	2	-	15	1	548	24	-	**21,905**
2	Valley	26	296	25	30	1	-	2	-	-	-	2	-	-	16	-	-	**398**
3	Midtown	415	149	770	166	1	3	1	1	-	-	3	14	-	48	3	1	**1,575**
4	Upper Manhattan	5,123	170	5,693	2,759	1,139	299	5	-	5	31	-	1	1	456	43	-	**15,725**
5	Bronx	8,856	2,895	4,389	5,491	15,221	17	13	11	119	-	2	-	2	1,084	10	-	**38,110**
6	Queens	5,381	963	1,380	5,032	496	16,448	2,575	32	141	1	4	-	37	818	21	-	**33,309**
7	Brooklyn	4,727	147	2,487	8,101	260	2,977	30,730	891	18	-	-	-	1	1,790	38	-	**52,167**
8	Staten Island	61	1	141	-	-	-	9	1,218	-	-	-	-	-	69	-	-	**1,499**
9	Nassau	3	2	304	21	917	274	22	-	4,537	59	14	-	-	51	-	-	**6,204**
10	Suffolk	-	-	-	-	-	-	-	-	157	8,505	-	-	-	1	-	-	**8,663**
11	Westchester	61	1,171	824	-	2,005	1,189	2	-	201	-	6,302	1,496	1,426	883	1	640	**16,201**
12	EHR Other NY	-	1	60	-	-	-	-	-	4	-	-	4,114	52	345	44	502	**5,122**
13	Connecticut	-	-	401	-	-	664	-	-	619	-	-	-	26,817	547	-	5	**29,053**
14	WHR Primary NJ	2,441	969	2,560	1,091	348	201	2	13	-	-	37	-	-	40,441	138	176	**48,417**
15	WHR Other NJ	-	1	-	-	-	-	-	-	-	-	-	-	-	1,300	12,933	-	**14,234**
16	WHR NY	-	-	11	2	-	-	-	-	-	-	8	11	-	875	251	6,245	**7,403**
	Regional	**39,966**	**9,584**	**21,987**	**24,945**	**20,629**	**22,076**	**33,521**	**2,166**	**5,806**	**8,598**	**6,372**	**5,651**	**28,337**	**49,272**	**13,506**	**7,569**	**299,985**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	20,334	2,448	414	7	35	1	639
2	Other Manh	10,986	2,759	1,443	36	1	1	499
3	Other NYC	31,408	18,624	70,898	279	6	40	3,830
4	Long Island	309	21	1,213	13,258	14	-	52
5	Other NYS	2,128	2	3,196	205	19,318	1,478	2,399
6	CT	401	-	664	619	5	26,817	547
7	NJ	5,971	1,091	564	-	213	-	54,812

NYBPM2005

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	4,199	1,425	2,641	920	47	88	349	2	144	71	6	3	9	11	1	1	**9,917**
2	Valley	81	99	63	30	1	4	12	-	3	2	-	-	-	-	-	-	**295**
3	Midtown	458	156	871	185	6	12	48	-	27	8	-	-	3	1	2	-	**1,777**
4	Upper Manhattan	3,070	1,299	3,921	5,865	668	1,766	568	2	306	127	11	2	14	37	7	-	**17,663**
5	Bronx	5,141	1,860	7,519	6,282	8,307	677	895	2	547	57	3,852	-	22	174	1	1	**35,337**
6	Queens	4,639	1,974	5,375	1,247	1,348	33,883	5,595	210	1,039	237	301	6	247	1,115	77	9	**57,302**
7	Brooklyn	10,798	5,259	10,406	3,419	239	929	25,765	189	488	236	70	-	41	326	25	4	**58,194**
8	Staten Island	101	110	24	-	-	2	1,563	3,459	72	-	-	-	-	54	-	-	**5,385**
9	Nassau	24	4	29	1	10	2,591	151	-	12,016	292	-	-	-	-	-	-	**15,118**
10	Suffolk	-	-	-	-	-	-	-	-	280	19,056	-	-	-	-	-	-	**19,336**
11	Westchester	306	17	1,186	432	4,786	23	120	-	297	5	7,724	15	1,120	208	-	87	**16,326**
12	EHR Other NY	53	1	595	2	158	14	53	-	151	-	240	4,944	1,217	250	22	25	**7,725**
13	Connecticut	79	-	1,460	9	825	269	17	-	981	-	13	9	19,405	-	-	-	**23,067**
14	WHR Primary NJ	2,670	1,398	1,683	210	31	58	1,355	6	1,122	35	-	-	-	61,252	3,106	9	**72,935**
15	WHR Other NJ	1,180	805	283	3	-	2	2,516	4	558	33	-	-	-	2,812	42,387	8	**50,591**
16	WHR NY	320	19	915	-	11	-	104	-	142	-	34	41	1	3,033	595	7,965	**13,180**
	Regional	**33,119**	**14,426**	**36,971**	**18,605**	**16,437**	**40,318**	**39,111**	**3,874**	**18,173**	**20,159**	**12,251**	**5,020**	**22,079**	**69,273**	**46,223**	**8,109**	**404,148**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	9,993	1,135	569	255	10	12	15
2	Other Manh	8,290	5,865	3,004	433	13	14	44
3	Other NYC	53,206	10,948	83,063	2,676	4,243	310	1,772
4	Long Island	57	1	2,752	31,644	-	-	-
5	Other NYS	3,412	434	5,269	595	21,075	2,338	4,108
6	CT	1,539	9	1,111	981	22	19,405	-
7	NJ	8,019	213	3,972	1,748	17	-	109,557

Outbound Journeys by Purpose
Medium Income Work Flows

RHTS2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	36,095	10,014	24,016	7,986	-	882	2,721	253	2,255	-	-	-	86	3,383	1,769	3,380	**92,840**
2	Valley	8,964	4,793	1,786	240	235	77	467	-	-	-	768	-	940	387	-	-	**18,655**
3	Midtown	12,370	3,425	19,979	2,780	-	100	712	-	3,663	-	-	-	-	969	-	-	**43,999**
4	Upper Manhattan	50,218	12,548	47,501	64,615	12,280	9,268	6,541	2,899	2,221	61	1,381	-	2,187	3,309	400	1,315	**216,742**
5	Bronx	33,345	7,935	38,480	43,506	141,601	30,820	20,420	-	962	2,630	15,850	-	1,185	1,427	-	40	**338,201**
6	Queens	86,423	31,974	93,218	40,289	15,542	285,068	46,576	501	45,133	12,592	10,855	-	2,823	11,616	1,127	280	**684,015**
7	Brooklyn	81,507	45,090	75,895	29,535	4,703	38,815	328,527	7,151	13,619	2,643	5,937	-	95	18,158	3,618	874	**656,167**
8	Staten Island	7,756	4,525	8,019	2,068	109	4,166	20,331	49,373	4,703	69	-	-	-	5,694	2,426	-	**109,239**
9	Nassau	10,195	4,917	18,821	3,292	3,922	38,886	12,484	87	178,292	36,043	1,985	-	45	4,005	-	-	**312,975**
10	Suffolk	10,778	3,923	3,634	1,977	3,440	17,838	2,889	1,162	63,925	353,561	150	-	-	4,583	-	-	**467,860**
11	Westchester	14,607	1,016	12,231	6,551	24,540	8,882	7,933	-	211	-	122,629	1,709	11,138	3,309	214	4,430	**219,398**
12	EHR Other NY	1,603	43	979	2,805	2,564	4,070	-	-	-	432	21,298	68,594	3,189	971	-	6,495	**113,042**
13	Connecticut	564	1,542	8,472	2,671	5,734	-	711	-	317	-	11,082	-	433,637	5,662	-	361	**470,752**
14	WHR Primary NJ	30,394	19,699	46,215	12,989	15,771	4,009	12,325	4,047	567	-	7,892	-	2,336	874,312	120,914	7,405	**1,158,875**
15	WHR Other NJ	2,582	6,942	12,949	5,278	306	266	1,333	3,494	-	133	1,437	-	299	131,594	513,882	3,051	**683,548**
16	WHR NY	2,562	741	8,082	1,844	2,747	873	3,712	554	-	462	7,754	9,517	125	12,761	2,018	114,604	**168,355**
	Regional	**389,963**	**159,127**	**420,276**	**228,425**	**233,493**	**444,021**	**467,683**	**69,521**	**315,868**	**408,626**	**209,017**	**79,820**	**458,085**	**1,082,139**	**646,367**	**142,235**	**5,754,664**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	121,442	11,006	5,447	5,918	4,148	1,026	6,508
2	Other Manh	110,266	64,615	30,988	2,282	2,696	2,187	3,708
3	Other NYC	514,165	115,398	993,705	82,351	33,836	4,102	44,065
4	Long Island	52,269	5,269	80,707	631,822	2,135	45	8,589
5	Other NYS	41,864	11,199	55,874	1,104	357,029	14,453	19,272
6	CT	10,578	2,671	6,445	317	11,443	433,637	5,662
7	NJ	118,781	18,267	41,552	700	19,785	2,636	1,640,702

NYBPM2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	48,612	14,981	23,184	1,973	-	299	385	-	615	7	2	1	26	1,143	274	543	**92,045**
2	Valley	3,000	9,165	1,753	168	-	-	56	-	6	2	28	-	610	357	32	-	**15,177**
3	Midtown	7,715	6,381	24,308	3,253	-	74	-	-	609	17	1	-	4	878	105	1	**43,346**
4	Upper Manhattan	22,414	32,034	108,021	40,025	245	7,367	1	52	476	97	8	1	3,707	1,649	604	409	**217,110**
5	Bronx	6,078	23,122	80,229	117,366	68,664	8,650	2,154	158	6,213	4,190	4,116	46	9,546	5,883	1,011	761	**338,187**
6	Queens	301,039	953	9,209	3,886	49,194	307,244	2,671	193	9,003	516	18	3	103	591	109	89	**684,821**
7	Brooklyn	533	12,660	23,435	28,582	106,934	36,723	388,721	14,339	37,929	892	220	8	42	5,097	1,256	158	**657,529**
8	Staten Island	4,880	5,888	8,966	467	16	3,246	18,124	47,306	9,806	56	1	-	-	8,159	2,708	23	**109,646**
9	Nassau	260	1,410	54,156	19,897	471	30,860	41,879	246	103,142	52,105	-	-	43	6,743	2,258	715	**314,185**
10	Suffolk	2	256	176	489	4	2,700	1,341	123	122,565	338,349	-	-	3	1,498	234	147	**467,887**
11	Westchester	1,971	1,535	7,772	11,072	5,575	903	1,205	5	281	1	188,492	1,287	14,639	398	-	8,056	**243,192**
12	EHR Other NY	381	295	2,237	4	1,776	7,271	80	-	80	598	20,810	69,695	5,514	124	3	16,526	**125,394**
13	Connecticut	-	2,878	4,439	1,186	5,506	22,821	247	-	10,937	-	259	1,920	433,722	6,847	114	1,541	**492,417**
14	WHR Primary NJ	1,891	35,839	41,995	5,068	1,121	5,730	752	3,030	3,954	17	2	-	-	948,881	110,667	116	**1,159,063**
15	WHR Other NJ	106	14,345	18,268	611	13	103	4	5,750	1,194	-	-	-	-	105,561	537,142	401	**683,498**
16	WHR NY	4	980	21,591	1	382	670	235	2	57	2	150	8,980	-	14,179	4,604	116,036	**167,873**
	Regional	**398,886**	**162,722**	**429,739**	**234,048**	**239,901**	**434,661**	**457,855**	**71,204**	**306,867**	**396,849**	**214,107**	**81,941**	**467,959**	**1,107,988**	**661,121**	**145,522**	**5,811,370**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	139,099	5,394	814	1,256	576	640	2,789
2	Other Manh	162,469	40,025	7,665	573	418	3,707	2,253
3	Other NYC	476,992	150,301	1,054,337	68,605	5,443	9,691	24,814
4	Long Island	56,260	20,386	77,624	616,161	862	46	10,733
5	Other NYS	36,766	11,077	18,104	1,019	430,032	20,153	19,308
6	CT	7,317	1,186	28,574	10,937	3,720	433,722	6,961
7	NJ	112,444	5,679	16,503	5,165	519	-	1,702,251

NYBPM2005

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	61,516	23,100	46,881	8,604	123	2,934	2,548	11	186	66	90	9	315	5,031	1,318	7	**152,739**
2	Valley	1,973	1,963	1,950	352	6	107	119	-	5	2	4	1	8	206	66	1	**6,763**
3	Midtown	10,112	4,417	16,072	2,735	30	858	515	3	45	21	20	3	60	1,260	316	1	**36,468**
4	Upper Manhattan	45,159	21,698	66,153	110,955	9,836	7,377	5,946	32	751	300	2,676	219	304	6,266	1,698	39	**279,409**
5	Bronx	28,596	13,478	40,280	56,993	133,801	13,649	15,439	125	1,994	473	13,696	119	674	11,783	1,234	159	**332,493**
6	Queens	60,172	29,823	74,278	79,301	2,654	241,180	64,413	371	37,438	15,620	1,774	120	893	1,346	373	83	**609,839**
7	Brooklyn	86,687	49,622	88,817	34,577	2,765	26,857	293,503	1,870	5,511	2,384	5,166	325	903	1,954	644	90	**601,675**
8	Staten Island	9,318	7,161	7,878	1,239	433	7,134	16,206	63,845	240	14	53	-	202	6,308	716	8	**120,755**
9	Nassau	9,247	4,479	10,250	2,795	1,564	33,210	7,056	187	327,970	12,822	2,360	1	607	536	26	7	**413,117**
10	Suffolk	6,850	2,863	7,236	439	1,051	30,291	2,990	22	18,599	326,523	766	-	671	73	1	-	**398,375**
11	Westchester	7,543	2,712	14,714	2,718	14,313	5,101	560	9	294	9	169,210	421	9,135	4,623	18	8,467	**239,847**
12	EHR Other NY	2,638	1,348	6,057	163	1,434	864	94	-	18	1	13,170	86,025	13,833	670	68	3,422	**129,805**
13	Connecticut	2,865	988	6,852	409	1,902	33	12	-	8	-	24,058	3,528	366,289	1,819	2	17	**408,782**
14	WHR Primary NJ	22,329	13,365	23,672	9,608	1,652	13,974	1,371	1,706	307	44	797	-	5,585	946,949	71,348	100	**1,112,807**
15	WHR Other NJ	12,789	8,386	10,953	325	986	10,440	1,409	847	17	2	322	-	3,389	81,073	617,779	52	**748,769**
16	WHR NY	2,927	1,567	3,481	894	3,455	4,001	231	3	9	-	21,902	1,708	524	24,486	3,497	146,401	**215,086**
	Regional	**370,721**	**186,970**	**425,524**	**312,107**	**176,005**	**398,010**	**412,412**	**69,031**	**393,392**	**358,281**	**256,064**	**92,479**	**403,392**	**1,094,383**	**699,104**	**158,854**	**5,806,729**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	167,984	11,691	7,254	325	136	383	8,197
2	Other Manh	133,010	110,955	23,191	1,051	2,934	304	7,964
3	Other NYC	496,110	172,110	884,245	63,674	21,593	2,672	24,358
4	Long Island	40,925	3,234	76,371	685,914	3,134	1,278	636
5	Other NYS	42,987	3,775	30,065	331	450,726	23,492	33,362
6	CT	10,705	409	1,947	8	27,603	366,289	1,821
7	NJ	91,494	9,933	32,385	370	1,271	8,974	1,717,149

Outbound Journeys by Purpose
High Income Work Flows

RHTS2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	Regional
1	Downtown	34,228	9,472	30,626	5,683	187	43	5,109	-	998	-	-	-	71	2,254	208	-	**88,880**
2	Valley	947	873	365	-	1,656	-	-	-	-	-	-	-	-	247	-	-	**4,088**
3	Midtown	2,895	825	13,854	-	1,120	-	86	-	78	-	-	-	123	105	815	-	**19,902**
4	Upper Manhattan	30,823	8,860	56,517	16,055	4,072	895	1,358	-	216	-	752	-	-	5,869	2,280	344	**128,041**
5	Bronx	975	1,551	1,498	4,806	2,413	1,801	-	-	-	-	1,061	-	-	404	-	-	**14,510**
6	Queens	19,049	8,331	21,705	6,122	1,951	49,283	6,404	-	7,550	1,498	2,630	-	56	1,336	1,929	-	**127,845**
7	Brooklyn	12,064	15,118	28,952	5,089	547	2,993	42,053	166	295	-	946	-	-	2,467	1,795	-	**112,485**
8	Staten Island	1,976	1,563	7,000	54	-	1,940	2,690	15,148	455	-	-	-	-	1,089	1,945	-	**33,860**
9	Nassau	10,793	8,007	21,476	3,962	1,591	15,916	3,989	-	72,013	10,331	2,007	-	2,136	1,669	112	-	**154,001**
10	Suffolk	2,170	5,504	8,046	215	-	2,484	140	-	26,322	96,546	2,584	-	-	1,938	1,248	-	**147,196**
11	Westchester	4,014	2,673	24,177	5,302	8,918	4,504	902	-	-	-	44,503	2,408	5,793	590	-	2,033	**105,818**
12	EHR Other NY	302	446	488	151	50	170	59	-	-	-	5,498	19,843	1,195	1,111	-	515	**29,829**
13	Connecticut	3,907	-	7,970	66	-	-	-	-	-	-	8,570	-	122,253	1,733	993	-	**145,493**
14	WHR Primary NJ	15,255	18,532	43,812	8,681	4,305	1,168	8,604	2,000	778	2,277	2,980	-	2,013	182,518	48,414	3,291	**344,628**
15	WHR Other NJ	4,103	4,335	10,920	786	3,027	1,880	2,222	1,227	-	299	1,275	-	165	54,126	172,408	995	**257,768**
16	WHR NY	2,368	521	1,944	2,531	2,731	1,921	43	-	1,426	-	11,114	954	1,603	9,693	1,784	20,814	**59,446**
	Regional	**145,868**	**86,612**	**279,349**	**59,504**	**32,569**	**85,000**	**73,659**	**18,541**	**110,131**	**110,951**	**83,920**	**23,205**	**135,408**	**267,149**	**233,931**	**27,992**	**1,773,789**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	94,085	5,683	8,202	1,076	-	194	3,629
2	Other Manh	96,200	16,055	6,326	216	1,096	-	8,148
3	Other NYC	119,782	16,072	127,391	9,798	4,637	56	10,965
4	Long Island	55,996	4,177	24,120	205,211	4,591	2,136	4,966
5	Other NYS	36,933	7,985	19,299	1,426	107,681	8,590	13,178
6	CT	11,877	66	-	-	8,570	122,253	2,727
7	NJ	96,957	9,467	24,432	3,355	8,541	2,178	457,466

NYBPM2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	Regional
1	Downtown	51,971	6,484	14,342	2,006	57	4	587	1	106	2	-	-	29	507	138	1	**76,235**
2	Valley	674	1,489	288	39	1,342	37	56	1	2	-	-	-	1	117	15	-	**4,061**
3	Midtown	2,285	975	14,689	1,018	542	50	127	-	6	2	-	-	55	272	32	-	**20,053**
4	Upper Manhattan	23,943	11,465	57,222	14,617	3,691	283	359	2	24	24	321	69	4	1,665	835	1,101	**115,625**
5	Bronx	1,217	2,617	1,966	3,792	1,405	26	20	2	7	1	3,416	2	4	6	1	14	**14,496**
6	Queens	8,933	2,393	52,503	10,360	636	56,835	1,567	-	3,233	651	2,394	4	26	145	29	-	**139,709**
7	Brooklyn	4,620	8,593	32,134	14,788	608	659	49,736	124	216	105	1,001	1	9	947	184	1	**113,726**
8	Staten Island	64	1,444	5	-	213	2,428	2,178	17,777	1,205	1	26	-	-	6,828	1,725	-	**33,894**
9	Nassau	2,030	4,207	64,374	2,380	578	5,548	4,462	11	57,431	7,215	525	-	1,243	1,660	321	923	**152,908**
10	Suffolk	126	2,328	579	351	90	7,409	2,119	1	36,178	98,194	686	-	-	22	-	1	**148,084**
11	Westchester	2,595	4,487	16,474	3,337	10,330	311	296	-	5	-	48,119	3,336	5,434	134	-	827	**95,685**
12	EHR Other NY	73	708	60	566	825	1,474	223	-	15	-	4,737	16,999	1,003	11	-	42	**26,736**
13	Connecticut	6,391	2,867	5,099	152	229	1,387	2,035	-	3	-	11,226	1,096	123,649	144	-	717	**154,995**
14	WHR Primary NJ	24,978	21,007	13,230	1,770	10,655	4,163	4,786	348	3,732	161	4,126	11	2,083	212,696	38,478	2,145	**344,369**
15	WHR Other NJ	13,304	13,815	5,398	2,753	713	223	1,715	294	465	6	128	2	70	29,471	189,452	610	**258,419**
16	WHR NY	2,624	1,682	803	1,706	792	502	131	-	2,994	-	7,317	1,743	1,637	12,773	2,675	21,654	**59,033**
	Regional	**145,828**	**86,561**	**279,166**	**59,635**	**32,706**	**81,339**	**70,397**	**18,561**	**105,622**	**106,362**	**84,022**	**23,263**	**135,247**	**267,398**	**233,885**	**28,036**	**1,758,028**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	93,197	3,063	2,804	118	1	85	1,081
2	Other Manh	92,630	14,617	4,335	48	1,491	4	2,500
3	Other NYC	116,489	28,940	134,214	5,419	6,859	39	9,865
4	Long Island	73,644	2,731	20,218	199,018	2,135	1,243	2,003
5	Other NYS	29,506	5,609	14,884	3,014	104,774	8,074	15,593
6	CT	14,357	152	3,651	3	13,039	123,649	144
7	NJ	91,732	4,523	22,897	4,364	7,022	2,153	470,097

NYBPM2005

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	Regional
1	Downtown	20,145	8,012	19,018	2,415	32	1,981	808	7	23	4	37	2	32	329	123	3	**52,971**
2	Valley	913	989	1,018	137	3	162	62	-	2	1	5	-	1	20	7	-	**3,320**
3	Midtown	5,465	2,598	9,721	1,499	23	944	295	1	9	2	27	4	14	131	44	-	**20,777**
4	Upper Manhattan	24,246	12,858	41,503	29,570	2,316	262	1,380	9	51	8	1,032	109	160	755	246	9	**114,514**
5	Bronx	2,254	1,117	3,913	9,347	15,637	276	551	9	100	15	439	4	124	225	18	8	**33,937**
6	Queens	20,218	11,439	28,037	4,609	255	30,105	1,476	114	18,817	5,977	156	6	180	212	58	15	**121,674**
7	Brooklyn	13,828	8,714	17,068	1,471	135	814	34,362	336	856	298	101	5	79	887	305	7	**79,266**
8	Staten Island	2,808	2,594	2,495	502	18	114	3,574	15,421	4	-	4	-	-	2,622	160	-	**30,316**
9	Nassau	6,889	3,947	8,067	6,640	925	14,727	3,040	220	96,750	2,662	66	-	7	105	-	-	**144,045**
10	Suffolk	7,859	3,586	9,590	7,006	740	14,458	2,867	29	14,200	97,210	1	-	-	26	-	-	**157,572**
11	Westchester	7,160	2,882	17,936	2,263	8,599	2,705	1,333	10	93	1	59,986	182	4,725	2,668	7	2,377	**112,927**
12	EHR Other NY	1,304	661	3,330	283	591	126	368	4	4	-	2,189	15,185	3,242	237	20	314	**27,858**
13	Connecticut	4,230	1,978	11,206	4,456	2,535	2,846	1,814	5	2	-	15,611	1,228	110,928	43	-	-	**156,882**
14	WHR Primary NJ	12,916	8,285	15,604	7,247	189	739	5,859	1,750	140	11	638	2	8,401	238,455	18,150	1,184	**319,570**
15	WHR Other NJ	10,062	7,666	8,959	3,489	94	393	5,475	2,309	10	1	66	-	633	39,223	199,265	506	**278,151**
16	WHR NY	1,910	1,085	2,377	2,058	2,599	913	1,473	760	5	-	4,160	980	202	12,732	986	33,590	**65,830**
	Regional	**142,107**	**78,411**	**199,842**	**82,992**	**34,691**	**71,565**	**64,737**	**20,984**	**131,066**	**106,190**	**84,518**	**17,707**	**128,728**	**298,670**	**219,389**	**38,013**	**1,719,610**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	67,879	4,051	4,318	41	78	47	654
2	Other Manh	78,607	29,570	3,967	59	1,150	160	1,001
3	Other NYC	114,385	15,929	103,197	26,067	745	383	4,487
4	Long Island	39,938	13,646	37,006	210,822	67	7	131
5	Other NYS	38,645	4,604	19,481	103	118,963	8,169	16,650
6	CT	17,414	4,456	7,200	2	16,839	110,928	43
7	NJ	63,492	10,736	16,808	162	2,396	9,034	495,093

Outbound Journeys by Purpose
School Tours

RHTS2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	18,215	1,846	47	2,376	-	-	143	-	-	-	-	-	-	-	-	-	**22,627**
2	Valley	1,192	416	-	-	-	-	-	-	-	-	346	-	-	-	-	-	**1,955**
3	Midtown	3,003	-	5,447	5,743	911	-	-	-	-	-	-	-	-	-	-	-	**15,103**
4	Upper Manhattan	8,109	698	4,707	75,985	3,537	205	176	-	-	-	73	-	-	-	296	-	**93,785**
5	Bronx	47	143	337	19,345	207,164	1,776	-	-	-	-	1,093	-	-	608	-	-	**230,511**
6	Queens	1,049	215	-	3,629	3,964	287,233	4,224	-	9,790	-	-	-	-	-	-	-	**310,103**
7	Brooklyn	2,414	2,787	1,513	13,661	-	8,351	371,398	146	-	-	-	-	-	-	-	-	**400,270**
8	Staten Island	-	1,118	-	4,414	-	-	4,903	61,877	-	-	-	-	-	60	-	-	**72,372**
9	Nassau	-	-	-	229	-	14,564	-	-	225,648	1,772	-	-	-	-	-	-	**242,213**
10	Suffolk	-	-	-	979	-	-	-	-	2,155	273,668	-	-	-	-	-	-	**276,802**
11	Westchester	-	199	-	1,484	2,662	-	-	-	-	-	144,627	3,945	864	263	-	133	**154,177**
12	EHR Other NY	-	-	-	-	-	-	-	-	-	-	4,786	57,347	1,053	-	-	-	**63,186**
13	Connecticut	-	-	-	-	-	-	-	-	-	-	-	-	261,043	-	-	-	**261,043**
14	WHR Primary NJ	265	991	-	1,154	390	-	-	-	-	-	-	-	-	683,059	7,152	1,787	**694,797**
15	WHR Other NJ	-	-	-	-	-	-	-	-	-	-	-	-	-	8,937	431,570	-	**440,507**
16	WHR NY	-	-	-	-	-	-	-	-	-	-	10,446	105	-	979	1,223	119,183	**131,936**
	Regional	**34,293**	**8,412**	**12,050**	**128,997**	**218,628**	**312,129**	**380,845**	**62,023**	**237,593**	**275,440**	**161,371**	**61,397**	**262,960**	**693,905**	**440,242**	**121,103**	**3,411,387**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	30,166	8,119	1,054	-	346	-	-
2	Other Manh	13,513	75,985	3,918	-	73	-	296
3	Other NYC	9,622	41,048	951,036	9,790	1,093	-	668
4	Long Island	-	1,208	14,564	503,243	-	-	-
5	Other NYS	199	1,484	2,662	-	340,572	1,917	2,465
6	CT	-	-	-	-	-	261,043	-
7	NJ	1,255	1,154	390	-	1,787	-	1,130,718

NYBPM2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	13,523	1,804	166	3,297	247	75	113	29	662	1	61	-	5	2,251	42	106	**22,382**
2	Valley	708	392	40	205	19	5	43	2	43	-	325	-	-	84	-	1	**1,867**
3	Midtown	2,694	14	4,300	5,636	1,109	20	113	3	218	1	47	-	-	840	27	81	**15,103**
4	Upper Manhattan	7,840	343	3,756	61,743	5,954	502	784	117	1,521	4	355	1	312	10,698	69	5	**94,004**
5	Bronx	28	131	273	22,388	201,821	837	2,949	61	804	-	1,179	-	12	2	-	1	**230,486**
6	Queens	567	235	432	5,191	2,624	291,286	1,596	505	3,529	-	40	-	24	3,577	4	-	**309,610**
7	Brooklyn	1,344	3,299	1,279	16,663	1,880	8,712	367,318	553	286	1	5	-	-	26	-	-	**401,366**
8	Staten Island	49	1,319	6	6,025	38	63	3,155	61,366	57	-	-	-	-	153	3	-	**72,234**
9	Nassau	16	3	6	413	420	3,530	195	-	235,079	2,073	9	-	-	299	-	-	**242,043**
10	Suffolk	-	5	-	1,157	27	113	288	-	1,572	274,170	-	-	-	4	-	-	**277,336**
11	Westchester	30	27	19	2,326	7,066	612	2,359	-	1,015	-	181,063	5,996	519	3,294	1	5,545	**209,872**
12	EHR Other NY	1	-	-	-	34	15	737	-	307	-	4,781	63,099	2,409	20	-	4,254	**75,657**
13	Connecticut	5	1	1	13	267	57	2,192	-	1,374	-	1,835	259	252,189	2,076	1	2	**260,272**
14	WHR Primary NJ	4,754	547	1,384	1,392	4,587	2,381	9,862	5,295	830	-	1,849	1	2,284	582,378	69,439	7,653	**694,636**
15	WHR Other NJ	78	20	30	4	375	1,042	7,024	185	212	-	3	-	34	74,489	355,867	1,071	**440,434**
16	WHR NY	-	-	-	25	171	30	1,253	-	763	-	15,698	129	73	3,047	17	111,525	**132,731**
	Regional	**31,637**	**8,140**	**11,692**	**126,478**	**226,639**	**309,280**	**399,881**	**68,116**	**248,272**	**276,250**	**207,250**	**69,485**	**257,861**	**683,238**	**425,470**	**130,244**	**3,480,033**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	23,641	9,138	1,778	925	621	5	3,244
2	Other Manh	11,939	61,743	7,357	1,525	361	312	10,767
3	Other NYC	8,962	50,267	944,764	4,677	1,225	36	3,765
4	Long Island	30	1,570	4,573	512,894	9	-	303
5	Other NYS	77	2,351	12,277	2,085	392,090	3,001	6,379
6	CT	7	13	2,516	1,374	2,096	252,189	2,077
7	NJ	6,813	1,396	30,751	1,042	10,577	2,318	1,082,173

NYBPM2005

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	32,488	1,009	3,089	7,223	2,828	1,026	3,184	106	2,030	66	311	-	15	2,808	63	239	**56,485**
2	Valley	526	224	115	253	80	24	121	5	26	-	8	-	-	78	1	9	**1,470**
3	Midtown	1,829	89	2,238	2,700	446	146	313	9	335	6	52	-	6	356	4	47	**8,576**
4	Upper Manhattan	9,311	512	5,551	144,369	23,345	998	8,718	25	3,737	205	1,096	-	440	2,780	37	8	**201,132**
5	Bronx	2,139	85	873	18,465	191,275	834	5,460	118	3,938	320	5,089	66	2,616	2,426	43	4	**233,751**
6	Queens	1,918	65	626	10,901	574	289,825	7,413	650	4,167	383	56	-	5	5,183	139	-	**321,905**
7	Brooklyn	4,601	245	792	844	4,765	16,592	360,908	3,945	2,586	384	11	-	-	11	-	-	**395,684**
8	Staten Island	10	2	-	12	104	448	5,331	90,304	1,464	95	3	-	1	3,419	726	-	**101,919**
9	Nassau	11	6	4	5,082	4,841	10,959	1,988	2	214,038	2,747	13	-	1	76	-	-	**239,768**
10	Suffolk	1	9	-	153	187	519	54	-	4,719	273,903	-	-	-	3	-	-	**279,548**
11	Westchester	108	7	44	1,885	2,122	478	2,212	-	2,006	266	192,437	2,805	4,033	3,596	72	3,224	**215,295**
12	EHR Other NY	-	1	-	-	2	1	-	-	58	31	2,358	73,509	1,935	47	64	1,119	**79,125**
13	Connecticut	2	7	-	43	582	11	4	-	265	298	6,320	1,506	306,601	639	3	4	**316,285**
14	WHR Primary NJ	2,858	148	782	3,253	2,487	107	2	6,214	24	103	1,814	-	588	647,744	32,408	7,976	**706,508**
15	WHR Other NJ	52	15	11	32	15	4	-	557	3	28	6	-	-	33,221	469,000	1,026	**503,970**
16	WHR NY	4	3	2	78	142	3	41	-	397	73	5,762	1,259	119	4,223	1,499	137,575	**151,180**
	Regional	**55,858**	**2,427**	**14,127**	**195,293**	**233,795**	**321,975**	**395,749**	**101,935**	**239,793**	**278,908**	**215,336**	**79,145**	**316,360**	**706,610**	**504,059**	**151,231**	**3,812,601**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	41,607	10,176	8,288	2,463	666	21	3,310
2	Other Manh	15,374	144,369	33,086	3,942	1,104	440	2,817
3	Other NYC	11,356	30,222	978,546	13,337	5,229	2,622	11,947
4	Long Island	31	5,235	18,550	495,407	13	1	79
5	Other NYS	169	1,963	5,001	2,831	420,048	6,087	9,501
6	CT	9	43	597	563	7,830	306,601	642
7	NJ	3,866	3,285	9,386	158	10,822	588	1,182,373

Outbound Journeys by Purpose
University Tours

RHTS2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	2,635	1,920	-	3,940	-	651	-	-	-	-	-	-	-	208	-	-	**9,354**
2	Valley	-	-	-	-	-	-	715	-	-	-	-	-	-	295	-	-	**1,010**
3	Midtown	1,404	80	961	1,033	-	-	-	-	-	-	-	-	-	-	-	-	**3,478**
4	Upper Manhattan	5,598	4,244	622	14,216	3,530	-	862	-	114	-	-	-	-	-	-	-	**29,186**
5	Bronx	7,811	373	367	7,512	18,760	1,886	342	-	-	-	2,292	-	-	-	-	437	**39,782**
6	Queens	9,641	422	1,893	9,199	-	42,774	5,533	-	9,968	135	-	-	-	-	-	-	**79,565**
7	Brooklyn	13,915	8,098	-	6,259	-	5,319	64,811	-	2,140	-	-	-	-	-	-	-	**100,544**
8	Staten Island	1,283	574	-	813	-	136	632	5,253	-	-	-	-	-	-	-	-	**8,693**
9	Nassau	334	-	156	2,345	-	2,843	2,765	-	21,021	1,263	-	-	-	-	-	-	**30,727**
10	Suffolk	-	-	-	421	-	242	-	-	5,885	33,035	-	-	-	-	-	-	**39,584**
11	Westchester	803	-	3,779	2,033	1,283	-	-	-	-	-	4,516	-	187	-	-	800	**13,400**
12	EHR Other NY	-	-	-	1,190	105	-	-	-	-	-	279	5,135	132	-	-	-	**6,842**
13	Connecticut	-	-	-	-	-	-	-	-	-	-	-	-	36,035	-	-	-	**36,035**
14	WHR Primary NJ	1,993	1,822	-	171	-	-	1,297	965	-	-	806	-	-	65,142	3,587	-	**75,783**
15	WHR Other NJ	221	-	210	-	-	-	-	-	-	-	134	-	-	5,830	44,172	-	**50,568**
16	WHR NY	248	-	-	285	479	-	-	-	-	-	2,062	43	-	1,145	-	20,903	**25,165**
	Regional	**45,887**	**17,533**	**7,989**	**49,419**	**24,157**	**53,853**	**76,958**	**6,218**	**39,129**	**34,432**	**10,088**	**5,178**	**36,354**	**72,620**	**47,759**	**22,140**	**549,715**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	7,001	4,972	1,367	-	-	-	503
2	Other Manh	10,464	14,216	4,392	114	-	-	-
3	Other NYC	44,378	23,784	145,448	12,243	2,729	-	-
4	Long Island	491	2,767	5,850	61,204	-	-	-
5	Other NYS	4,829	3,508	1,867	-	33,738	319	1,145
6	CT	-	-	-	-	-	36,035	-
7	NJ	4,247	171	2,262	-	940	-	118,732

NYBPM2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	2,008	506	32	3,596	31	317	1,860	4	83	-	162	1	18	502	42	1	**9,163**
2	Valley	199	37	5	132	7	4	532	2	8	-	14	-	5	85	-	-	**1,030**
3	Midtown	505	89	124	2,202	45	148	27	-	60	-	171	-	5	127	21	-	**3,524**
4	Upper Manhattan	2,605	1,398	240	17,113	2,477	289	2,969	15	529	-	1,055	-	68	206	32	35	**29,031**
5	Bronx	7,092	1,952	316	7,600	16,447	3,132	756	2	874	6	1,391	10	125	122	43	101	**39,969**
6	Queens	12,370	3,171	2,115	5,588	87	39,795	7,155	21	7,360	309	29	16	157	616	275	21	**79,085**
7	Brooklyn	12,230	9,392	137	2,864	1,689	7,542	58,990	2,000	3,420	1,491	2	13	162	805	444	22	**101,203**
8	Staten Island	1,035	680	-	773	-	294	1,827	3,843	12	-	-	-	16	317	55	-	**8,852**
9	Nassau	366	53	153	2,805	39	2,413	3,420	17	20,712	1,031	-	13	83	2	67	12	**31,186**
10	Suffolk	30	1	7	439	4	241	10	-	6,503	31,992	-	9	146	10	77	3	**39,472**
11	Westchester	1,298	-	4,204	5,827	2,052	61	6	-	5	-	5,789	68	71	48	18	1,340	**20,787**
12	EHR Other NY	1	-	-	2	1	-	-	-	-	-	380	4,790	113	-	-	1	**5,288**
13	Connecticut	2	-	2	21	27	2	-	-	-	-	212	1	35,666	-	-	2	**35,935**
14	WHR Primary NJ	6,081	447	710	1,016	1,367	228	297	346	3	-	165	32	84	62,920	1,275	1,075	**76,046**
15	WHR Other NJ	44	4	1	1	-	-	-	36	-	-	-	6	41	4,282	45,444	270	**50,129**
16	WHR NY	552	5	36	11	168	3	2	-	-	-	828	121	-	3,399	351	19,520	**24,996**
	Regional	**46,418**	**17,735**	**8,082**	**49,990**	**24,441**	**54,469**	**77,851**	**6,286**	**39,569**	**34,829**	**10,198**	**5,080**	**36,760**	**73,441**	**48,144**	**22,403**	**555,696**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	3,505	5,930	2,977	151	349	28	777
2	Other Manh	4,243	17,113	5,750	529	1,090	68	238
3	Other NYC	50,490	16,825	143,580	13,472	1,605	460	2,677
4	Long Island	610	3,244	6,144	60,238	37	229	156
5	Other NYS	6,096	5,840	2,293	5	32,837	184	3,816
6	CT	4	21	29	-	215	35,666	-
7	NJ	7,287	1,017	2,274	3	1,548	125	113,921

NYBPM2005

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	1,638	68	308	1,847	599	309	4,387	112	32	-	65	6	184	1,848	681	18	**12,102**
2	Valley	68	17	10	49	10	8	255	7	-	-	1	1	10	106	20	-	**562**
3	Midtown	255	12	235	1,213	297	122	413	8	5	-	23	-	50	605	189	19	**3,446**
4	Upper Manhattan	1,694	90	1,259	20,260	3,266	310	2,427	50	132	-	1,723	111	1,496	5,044	1,092	876	**39,830**
5	Bronx	3,061	146	2,635	3,289	18,945	2,942	4,043	-	48	-	3,606	1,146	1,339	3,858	1,090	1,315	**47,463**
6	Queens	5,425	366	3,275	10,155	1,116	22,220	1,208	455	3,666	89	1,360	532	2,094	9,076	2,487	228	**63,752**
7	Brooklyn	6,742	588	2,266	1,970	260	2,700	38,955	1,388	853	6	13	156	1,176	9,115	4,091	72	**70,351**
8	Staten Island	20	7	7	28	-	6	607	8,354	1	-	-	9	64	1,516	614	-	**11,233**
9	Nassau	440	31	297	635	593	2,599	998	110	14,044	560	28	296	2,011	1,915	692	178	**25,427**
10	Suffolk	30	-	30	49	37	275	40	2	2,401	21,716	25	45	1,830	3,679	671	53	**30,883**
11	Westchester	46	2	84	1,106	2,583	99	12	-	2	-	12,571	474	1,686	1,051	94	782	**20,592**
12	EHR Other NY	-	-	-	-	-	-	-	-	-	-	168	5,962	116	-	-	62	**6,308**
13	Connecticut	-	-	1	12	114	-	-	-	-	-	479	43	36,679	1	-	4	**37,333**
14	WHR Primary NJ	2,805	240	2,082	1,659	249	30	99	120	-	-	38	542	520	67,042	5,922	866	**82,214**
15	WHR Other NJ	31	3	21	1	-	-	-	3	-	-	1	233	203	1,991	42,395	140	**45,022**
16	WHR NY	-	-	-	51	20	-	-	-	-	-	189	349	42	932	76	9,572	**11,231**
	Regional	**22,255**	**1,570**	**12,510**	**42,324**	**28,089**	**31,620**	**53,444**	**10,609**	**21,184**	**22,371**	**20,290**	**9,905**	**49,500**	**107,779**	**60,114**	**14,185**	**507,749**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	2,611	3,109	6,527	37	133	244	3,449
2	Other Manh	3,043	20,260	6,053	132	2,710	1,496	6,136
3	Other NYC	24,538	15,442	103,199	4,663	8,437	4,673	31,847
4	Long Island	828	684	4,654	38,721	625	3,841	6,957
5	Other NYS	132	1,157	2,714	2	30,129	1,844	2,153
6	CT	1	12	114	-	526	36,679	1
7	NJ	5,182	1,660	501	-	1,820	723	117,350

Outbound Journeys by Purpose
Maintenance Tours

RHTS2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	109,517	6,169	9,288	3,610	51	821	1,945	-	1,156	-	-	-	-	250	-	-	**132,807**
2	Valley	3,879	2,827	621	914	1,337	652	3,253	-	-	-	-	-	-	98	-	-	**13,582**
3	Midtown	12,818	261	39,415	21,215	-	270	-	-	-	-	-	-	-	632	-	50	**74,661**
4	Upper Manhattan	24,807	492	16,462	266,127	5,948	3,794	1,648	-	488	669	3,679	-	-	3,265	677	1,704	**329,762**
5	Bronx	14,151	1,705	8,912	55,444	396,230	9,224	4,373	-	278	-	31,020	-	-	5,575	-	312	**527,224**
6	Queens	29,276	2,640	11,682	10,738	3,084	653,537	21,041	807	50,235	7,872	4,919	-	-	155	1,099	380	**797,464**
7	Brooklyn	34,392	9,299	16,374	34,124	5,113	21,633	712,816	2,013	4,429	-	-	-	-	185	61	-	**840,438**
8	Staten Island	6,158	1,118	1,286	2,343	1,520	11,152	1,998	191,592	-	-	-	-	-	3,963	1,853	-	**222,983**
9	Nassau	1,788	196	2,676	1,103	-	20,078	2,126	-	555,304	19,474	172	-	-	1,613	-	-	**604,530**
10	Suffolk	555	-	2,800	497	-	4,090	16,952	-	29,732	785,254	60	-	-	-	228	122	**840,289**
11	Westchester	2,444	116	2,453	1,685	5,669	145	652	410	-	-	338,303	2,306	4,467	260	414	1,635	**360,959**
12	EHR Other NY	448	-	272	262	1,117	580	-	-	-	-	16,111	151,125	6,830	-	-	864	**177,610**
13	Connecticut	352	-	477	587	-	-	-	-	-	428	247	-	864,645	-	-	-	**866,737**
14	WHR Primary NJ	5,419	4,097	13,253	8,390	2,235	1,873	4,482	-	568	57	365	-	-	1,696,107	77,760	12,193	**1,826,797**
15	WHR Other NJ	51	-	1,433	1,261	-	1,135	1,177	1,349	71	-	-	-	-	59,619	1,102,823	2,585	**1,171,504**
16	WHR NY	130	-	506	3,266	-	-	-	-	66	-	970	940	644	13,391	2,904	218,669	**241,487**
	Regional	**246,185**	**28,921**	**127,912**	**411,565**	**422,303**	**728,983**	**772,462**	**196,172**	**642,327**	**813,755**	**395,847**	**154,371**	**876,586**	**1,785,111**	**1,187,819**	**238,513**	**9,028,833**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	184,796	25,739	8,329	1,156	50	-	980
2	Other Manh	41,761	266,127	11,391	1,157	5,384	-	3,943
3	Other NYC	136,994	102,648	2,036,131	62,814	36,631	-	12,890
4	Long Island	8,015	1,599	43,245	1,389,765	353	-	1,841
5	Other NYS	6,369	5,213	8,574	66	730,923	11,941	16,969
6	CT	829	587	-	428	247	864,645	-
7	NJ	24,253	9,651	12,250	696	15,143	-	2,936,309

NYBPM2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	105,688	9,257	9,425	3,769	70	999	2,288	59	1,131	1	50	-	23	453	22	-	**133,235**
2	Valley	2,432	5,350	554	886	1,239	646	2,312	-	-	-	-	-	2	13	-	-	**13,434**
3	Midtown	12,353	450	35,324	23,924	77	472	1,628	34	11	3	16	-	41	151	5	-	**74,489**
4	Upper Manhattan	25,609	862	16,279	261,050	7,868	6,100	1,383	72	723	493	7,141	35	6	1,999	460	-	**330,080**
5	Bronx	12,604	2,516	9,736	54,890	399,418	14,582	4,946	21	437	159	26,067	91	124	248	83	3,712	**529,634**
6	Queens	52,980	739	25,882	7,105	2,062	628,605	14,619	376	48,975	7,245	2,598	2	3	727	23	2,419	**794,360**
7	Brooklyn	16,724	4,065	8,361	35,477	6,116	33,041	725,075	1,269	6,942	1,021	197	2	4	1,486	84	923	**840,787**
8	Staten Island	6,916	1,574	2,027	6,459	1	8,811	1,023	190,587	3	-	-	-	-	6,741	484	-	**224,626**
9	Nassau	1,703	323	5,008	1,497	441	23,437	1,695	200	543,933	21,007	12	-	5	1,193	340	1,367	**602,161**
10	Suffolk	475	91	4,035	680	183	4,744	13,156	24	34,651	778,440	5	-	-	90	3	198	**836,775**
11	Westchester	1,534	141	1,305	4,729	12,960	455	1,363	-	178	-	465,387	3,199	7,708	138	-	3,887	**502,984**
12	EHR Other NY	-	3	-	-	-	-	-	-	-	-	14,114	183,782	8,289	1	-	1,066	**207,255**
13	Connecticut	237	25	577	575	12	-	-	-	-	-	88	128	895,687	4	-	23	**897,356**
14	WHR Primary NJ	3,607	926	3,313	3,476	334	2,047	3,765	1,941	520	10	96	1	359	1,762,721	39,848	8,337	**1,831,301**
15	WHR Other NJ	889	219	1,364	389	8	556	576	1,024	168	1	27	2	3	22,837	1,138,298	1,946	**1,168,307**
16	WHR NY	271	95	164	2,629	7	33	9	7	-	-	-	5	1	15,162	1,192	222,882	**242,457**
	Regional	**244,022**	**26,636**	**123,354**	**407,535**	**430,796**	**724,528**	**773,838**	**195,614**	**637,672**	**808,380**	**515,798**	**187,247**	**912,255**	**1,813,964**	**1,180,842**	**246,760**	**9,229,241**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	180,833	28,579	9,824	1,146	66	66	644
2	Other Manh	42,750	261,050	15,423	1,216	7,176	6	2,459
3	Other NYC	144,124	103,931	2,030,552	64,782	36,011	131	9,876
4	Long Island	11,635	2,177	43,880	1,378,031	1,582	5	1,626
5	Other NYS	3,513	7,358	14,834	178	894,322	15,998	16,493
6	CT	839	575	12	-	239	895,687	4
7	NJ	10,318	3,865	10,251	699	10,409	362	2,963,704

NYBPM2005

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	**Regional**
1	Downtown	128,197	8,253	29,410	11,106	196	5,764	11,034	13	79	5	102	-	1,255	432	24	334	**196,204**
2	Valley	2,909	1,845	961	399	4	195	492	-	3	1	4	-	40	11	-	8	**6,872**
3	Midtown	17,752	1,480	25,074	8,379	58	1,699	2,410	-	21	2	32	-	375	124	5	111	**57,522**
4	Upper Manhattan	44,008	4,352	37,311	297,017	24,605	5,871	7,948	9	152	18	606	3	49	4,092	144	5	**426,190**
5	Bronx	27,356	2,874	18,934	58,985	464,269	2,913	2,077	103	1,227	189	9,648	72	1,049	1,378	70	116	**591,260**
6	Queens	25,949	2,699	16,797	36,023	24,601	650,112	48,014	1,005	158,896	16,070	477	3	85	1,718	64	4	**982,517**
7	Brooklyn	48,259	6,390	20,583	16,461	893	8,111	993,735	3,827	9,566	1,074	196	3	32	1,557	106	6	**1,110,799**
8	Staten Island	2,620	578	513	1,479	1	22	6,938	239,595	-	-	-	-	-	9,944	32	-	**261,722**
9	Nassau	5,308	583	2,898	5,902	2,828	20,842	3,316	92	646,083	9,155	3,194	14	51	6,234	273	633	**707,406**
10	Suffolk	509	82	316	555	307	2,741	279	3	20,495	793,116	215	-	4	317	4	15	**818,958**
11	Westchester	1,770	109	2,625	2,358	9,614	2,241	1,309	-	89	-	450,922	701	14,900	6,224	-	1,752	**494,614**
12	EHR Other NY	-	1	-	-	-	-	-	-	-	-	1,825	176,172	5,447	10	-	1,347	**184,802**
13	Connecticut	1	37	8	28	34	-	-	-	-	-	6,110	1,289	831,281	-	-	8	**838,796**
14	WHR Primary NJ	16,804	2,022	8,775	6,756	2,150	2,974	1,410	11,674	6,668	208	1,960	3	4,312	1,836,272	24,134	5,846	**1,931,968**
15	WHR Other NJ	650	111	289	169	45	72	50	1,493	115	5	31	3	60	39,825	1,310,009	1,817	**1,354,744**
16	WHR NY	2	10	2	30	7	-	-	1	-	-	2,389	624	2	10,226	963	343,755	**358,011**
	Regional	**322,094**	**31,426**	**164,496**	**445,647**	**529,612**	**703,557**	**1,079,012**	**257,815**	**843,394**	**819,843**	**477,711**	**178,887**	**858,942**	**1,918,364**	**1,335,828**	**355,757**	**10,322,385**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	215,881	19,884	21,865	111	591	1,670	596
2	Other Manh	85,671	297,017	38,433	170	614	49	4,236
3	Other NYC	173,552	112,948	2,446,216	187,022	10,525	1,166	14,869
4	Long Island	9,696	6,457	30,408	1,468,849	4,071	55	6,828
5	Other NYS	4,519	2,388	13,172	89	979,487	20,349	17,423
6	CT	46	28	34	-	7,407	831,281	-
7	NJ	28,651	6,925	19,868	6,996	9,660	4,372	3,210,240

Outbound Journeys by Purpose

Discretionary Tours

RHTS2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	Regional
1	Downtown	117,953	3,514	11,472	3,992	5,102	2,214	5,160	-	350	-	-	-	-	252	-	2,293	**152,302**
2	Valley	501	361	733	696	211	-	863	-	254	-	-	-	-	-	-	-	**3,617**
3	Midtown	6,743	-	39,394	5,354	318	-	664	-	-	-	-	-	-	333	-	-	**52,805**
4	Upper Manhattan	21,833	2,805	19,329	185,055	18,189	5,157	3,739	223	-	-	1,347	4,794	-	1,853	322	123	**264,771**
5	Bronx	7,837	5,347	3,752	16,401	169,610	730	1,277	340	-	61	5,854	-	-	2,576	-	992	**214,777**
6	Queens	17,642	776	9,688	12,529	-	376,719	37,707	-	44,083	1,451	-	-	153	5,729	-	-	**506,476**
7	Brooklyn	17,923	1,116	5,300	5,017	2,312	13,165	490,147	1,704	3,567	9,056	-	-	-	7,727	-	-	**557,034**
8	Staten Island	771	172	-	507	-	-	2,437	85,834	-	-	-	-	-	6,033	300	-	**96,053**
9	Nassau	3,556	936	4,293	1,059	50	21,910	2,044	-	353,602	26,522	-	-	-	103	-	-	**414,076**
10	Suffolk	2,614	-	7,238	4,657	2,817	2,257	1,323	-	30,921	553,231	1,209	-	-	-	-	213	**606,482**
11	Westchester	3,089	-	5,850	5,013	7,666	2,386	2,873	-	5,662	404	229,497	416	6,329	-	-	276	**269,459**
12	EHR Other NY	58	339	1,408	108	-	1,203	-	-	59	-	6,383	93,065	3,014	-	-	3,081	**108,718**
13	Connecticut	1,327	-	389	-	517	-	1,094	-	120	-	13,905	954	435,201	1,829	-	-	**455,337**
14	WHR Primary NJ	10,693	5,877	7,044	12,062	3,525	318	1,080	285	164	366	8,328	57	713	1,055,423	49,778	8,181	**1,163,891**
15	WHR Other NJ	2,187	191	1,101	492	-	-	921	3,151	216	70	-	-	-	50,169	763,517	2,182	**824,194**
16	WHR NY	1,334	-	-	370	839	-	2,160	-	-	-	704	2,884	-	4,847	3,509	217,308	**233,956**
	Regional	**216,059**	**21,434**	**116,989**	**253,310**	**211,158**	**426,060**	**553,488**	**91,537**	**438,997**	**591,162**	**267,226**	**102,169**	**445,410**	**1,136,873**	**817,426**	**234,649**	**5,923,949**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	180,670	10,041	14,532	604	2,293	-	585
2	Other Manh	43,967	185,055	27,310	-	6,264	-	2,175
3	Other NYC	70,323	34,454	1,181,984	58,217	6,846	153	22,364
4	Long Island	18,638	5,716	30,402	964,277	1,422	-	103
5	Other NYS	12,078	5,491	17,127	6,125	553,612	9,343	8,357
6	CT	1,715	-	1,612	120	14,860	435,201	1,829
7	NJ	27,091	12,553	9,279	816	18,747	713	1,918,886

NYBPM2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	Regional
1	Downtown	105,217	5,476	15,663	4,749	6,117	2,757	7,989	40	636	10	1,708	20	5	1,051	116	119	**151,673**
2	Valley	342	1,646	555	392	104	-	391	-	91	-	1	-	-	-	-	-	**3,522**
3	Midtown	7,516	547	33,545	6,595	479	465	1,305	7	82	3	1,302	13	6	512	38	1	**52,416**
4	Upper Manhattan	20,282	3,142	19,427	173,274	17,772	10,510	5,784	434	27	1	4,356	5,762	6	1,099	339	-	**262,215**
5	Bronx	8,287	6,655	4,866	20,702	150,341	710	1,444	851	235	92	3,692	66	94	1,503	1,191	13,232	**213,961**
6	Queens	14,585	999	9,640	17,601	337	369,525	40,238	124	43,485	1,381	227	2	38	866	60	5,669	**504,777**
7	Brooklyn	35,520	1,478	5,880	10,351	2,499	14,279	461,781	4,386	4,715	12,531	179	4	8	1,363	91	1,785	**556,850**
8	Staten Island	933	237	274	3,048	2	16	3,596	82,361	3	-	-	-	-	5,154	740	2	**96,366**
9	Nassau	8,657	2,057	6,628	1,309	75	20,775	2,484	226	341,812	29,327	381	-	8	53	16	31	**413,839**
10	Suffolk	4,999	55	9,786	8,722	2,170	1,926	1,470	28	30,548	542,640	924	-	-	7	-	8	**603,283**
11	Westchester	4,053	215	3,895	4,555	2,963	874	1,433	-	2,978	-	136,852	143	3,237	3	-	99	**161,300**
12	EHR Other NY	-	80	787	2	-	-	-	-	-	-	7,897	66,363	2,395	-	-	939	**78,463**
13	Connecticut	-	18	39	-	1,886	2	1	-	-	-	14,495	3,237	461,825	349	-	57	**481,909**
14	WHR Primary NJ	3,286	553	3,631	4,596	988	519	4,663	506	944	32	1,520	7	123	1,102,002	32,943	11,304	**1,167,617**
15	WHR Other NJ	1,293	234	2,720	874	23	343	1,705	488	700	29	744	34	2	35,472	777,600	1,712	**823,973**
16	WHR NY	2,363	170	1,026	1,270	2,436	1,194	8,463	3	1	-	1	-	5	16,799	2,484	197,909	**234,124**
	Regional	**217,333**	**23,562**	**118,362**	**258,040**	**188,192**	**423,895**	**542,747**	**89,454**	**426,257**	**586,046**	**174,279**	**75,651**	**467,752**	**1,166,233**	**815,618**	**232,867**	**5,806,288**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	170,507	11,736	19,654	822	3,164	11	1,717
2	Other Manh	42,851	173,274	34,500	28	10,118	6	1,438
3	Other NYC	89,354	51,702	1,132,490	62,442	24,858	140	10,968
4	Long Island	32,182	10,031	29,154	944,327	1,344	8	76
5	Other NYS	12,589	5,827	17,366	2,979	410,203	5,637	19,286
6	CT	57	-	1,889	-	17,789	461,825	349
7	NJ	11,717	5,470	9,235	1,705	15,321	125	1,948,017

NYBPM2005

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	Regional
1	Downtown	39,187	1,817	7,668	5,747	144	272	1,975	6	17	1	25	1	2	100	7	284	**57,253**
2	Valley	796	740	206	208	5	15	100	2	-	-	1	-	-	4	-	7	**2,084**
3	Midtown	2,716	194	6,466	2,580	40	71	291	-	3	-	7	-	2	16	3	79	**12,468**
4	Upper Manhattan	10,215	923	10,412	83,009	25,843	648	2,242	14	29	6	118	3	29	229	10	4	**133,734**
5	Bronx	1,863	182	1,524	5,953	126,294	1,745	1,361	53	343	84	2,518	67	440	2,788	303	57	**145,575**
6	Queens	1,868	159	1,440	7,181	1,314	229,777	13,906	107	66,406	15,316	238	3	80	288	37	13	**338,133**
7	Brooklyn	2,910	329	1,346	11,041	1,941	4,744	290,732	1,577	361	71	68	3	22	166	33	3	**315,347**
8	Staten Island	873	132	279	44	6	45	2,884	60,456	2	-	-	-	-	3,550	70	-	**68,341**
9	Nassau	1,041	105	722	468	5,465	17,996	3,911	97	197,729	5,422	272	5	71	557	32	359	**234,252**
10	Suffolk	471	38	317	154	1,041	3,811	583	11	9,482	254,062	50	-	10	60	2	26	**270,118**
11	Westchester	954	52	1,345	1,312	5,845	152	10	-	3	-	146,207	377	1,987	77	-	1,157	**159,478**
12	EHR Other NY	3	1	3	2	1	-	-	-	-	-	1,043	59,654	990	1	-	628	**62,326**
13	Connecticut	-	6	-	-	13	-	-	-	-	-	5,763	1,299	265,633	2	-	1	**272,717**
14	WHR Primary NJ	10,195	1,141	6,816	5,600	6,378	480	789	1,624	3,694	259	9,018	59	41	497,045	12,340	4,708	**560,187**
15	WHR Other NJ	758	105	448	343	285	28	84	414	156	6	391	18	2	19,362	376,009	1,302	**399,711**
16	WHR NY	1	3	-	13	14	-	-	-	-	-	1,381	423	5	4,513	674	116,731	**123,758**
	Regional	**73,851**	**5,927**	**38,992**	**123,655**	**174,629**	**259,784**	**318,868**	**64,361**	**278,225**	**275,227**	**167,100**	**61,912**	**269,314**	**528,758**	**389,520**	**125,359**	**3,155,482**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	59,790	8,535	2,921	21	404	4	130
2	Other Manh	21,550	83,009	28,747	35	125	29	239
3	Other NYC	12,905	24,219	736,942	82,583	2,970	542	7,235
4	Long Island	2,694	622	32,915	466,695	712	81	651
5	Other NYS	2,362	1,327	6,022	3	327,601	2,982	5,265
6	CT	6	-	13	-	7,063	265,633	2
7	NJ	19,463	5,943	10,082	4,115	15,496	43	904,756

Outbound Journeys by Purpose
At-Work Tours

RHTS2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	Regional
1	Downtown	65,531	3,071	9,593	3,428	573	615	562	-	-	308	-	-	-	244	-	-	**83,925**
2	Valley	14,535	26,927	1,411	949	311	43	511	-	-	-	-	-	-	-	-	-	**44,687**
3	Midtown	8,446	1,648	99,401	5,001	-	-	148	-	-	-	50	-	-	-	-	-	**114,696**
4	Upper Manhattan	1,703	-	3,011	21,673	-	194	583	-	-	-	-	-	-	-	40	-	**27,204**
5	Bronx	-	-	-	1,273	12,553	-	-	-	166	-	914	-	-	-	-	-	**14,907**
6	Queens	477	44	925	317	3,886	27,434	1,106	131	-	-	-	-	-	-	-	-	**34,320**
7	Brooklyn	1,214	112	-	-	-	-	52,060	-	244	-	-	-	-	-	-	-	**53,630**
8	Staten Island	-	-	-	-	-	-	-	6,022	-	-	-	-	-	-	-	-	**6,022**
9	Nassau	471	-	-	-	-	-	1,305	-	31,905	2,382	-	-	-	-	-	-	**36,064**
10	Suffolk	-	-	-	-	-	1,225	118	-	2,354	45,246	-	-	-	-	-	-	**48,943**
11	Westchester	-	-	47	-	423	39	-	-	-	-	27,292	-	1,125	147	-	-	**29,074**
12	EHR Other NY	-	-	-	-	-	-	-	-	-	-	-	6,891	-	-	-	-	**6,891**
13	Connecticut	204	-	-	-	-	-	-	-	-	-	777	-	60,706	-	-	-	**61,687**
14	WHR Primary NJ	-	104	179	1,477	-	-	175	-	-	-	-	-	-	123,484	8,916	288	**134,623**
15	WHR Other NJ	-	-	-	-	-	-	-	-	-	-	-	-	-	5,632	88,883	-	**94,515**
16	WHR NY	-	-	-	-	-	-	-	-	-	-	288	-	-	99	-	13,065	**13,452**
	Regional	**92,582**	**31,906**	**114,567**	**34,119**	**17,746**	**29,551**	**56,568**	**6,153**	**34,670**	**47,936**	**29,322**	**6,891**	**61,831**	**129,606**	**97,839**	**13,353**	**804,639**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	230,564	9,379	2,764	308	50	-	244
2	Other Manh	4,714	21,673	777	-	-	-	40
3	Other NYC	2,772	1,590	103,192	410	914	-	-
4	Long Island	471	-	2,648	81,888	-	-	-
5	Other NYS	47	-	462	-	47,536	1,125	245
6	CT	204	-	-	-	777	60,706	-
7	NJ	283	1,477	175	-	288	-	226,915

NYBPM2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	Regional
1	Downtown	49,587	3,931	9,060	1,768	46	97	172	-	25	73	3	-	-	76	2	-	**64,840**
2	Valley	11,176	15,960	1,041	493	19	3	87	-	5	1	4	-	-	22	1	-	**28,812**
3	Midtown	6,550	1,266	70,163	2,623	4	165	22	-	37	1	14	-	-	32	1	-	**80,878**
4	Upper Manhattan	1,688	648	4,630	26,863	217	63	302	6	57	7	187	-	7	1,020	35	3	**35,733**
5	Bronx	989	343	1,696	4,181	15,781	1,074	1,211	11	82	1	444	7	172	5,444	496	56	**31,988**
6	Queens	1,260	111	1,778	514	4,196	42,291	3,866	531	849	57	72	-	79	2,764	227	33	**58,628**
7	Brooklyn	1,364	1,253	482	246	19	384	58,131	61	105	1	7	-	2	327	31	4	**62,417**
8	Staten Island	59	57	56	17	1	53	494	7,190	1	-	3	-	-	1,239	381	6	**9,557**
9	Nassau	268	14	73	19	2	246	573	-	39,576	3,359	52	-	48	1,134	154	1	**45,519**
10	Suffolk	1	2	8	3	-	232	24	-	2,715	52,285	1	-	13	201	32	-	**55,517**
11	Westchester	17	9	19	121	66	6	27	2	73	12	31,140	48	320	914	128	93	**32,995**
12	EHR Other NY	2	2	2	10	6	3	5	-	12	4	1,073	10,404	126	232	53	74	**12,008**
13	Connecticut	309	15	38	18	21	26	6	-	19	2	953	20	67,761	96	6	19	**69,309**
14	WHR Primary NJ	2,255	1,679	2,285	131	37	146	398	260	467	97	331	3	595	135,578	8,228	1,380	**153,870**
15	WHR Other NJ	59	25	108	9	3	17	47	45	49	13	23	-	50	6,150	91,048	140	**97,786**
16	WHR NY	15	6	22	51	12	8	1	3	10	-	1,449	276	34	3,461	1,035	13,307	**19,690**
	Regional	**75,599**	**25,321**	**91,461**	**37,067**	**20,430**	**44,814**	**65,366**	**8,109**	**44,082**	**55,913**	**35,756**	**10,758**	**69,207**	**158,690**	**101,858**	**15,116**	**859,547**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	168,734	4,884	615	142	21	-	134
2	Other Manh	6,966	26,863	588	64	190	7	1,055
3	Other NYC	9,448	4,958	135,294	1,096	632	253	10,909
4	Long Island	366	22	1,077	97,935	54	61	1,521
5	Other NYS	94	182	139	111	57,864	480	5,823
6	CT	362	18	53	21	992	67,761	102
7	NJ	6,411	140	953	626	1,877	645	241,004

NYBPM2005

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	Regional
1	Downtown	60,239	5,624	19,978	8,620	193	1,932	5,737	13	315	59	33	-	7	254	10	3	**103,017**
2	Valley	12,464	27,373	3,473	3,540	103	894	4,763	5	151	29	16	-	3	110	4	-	**52,928**
3	Midtown	20,924	1,554	77,464	16,830	278	3,046	5,116	6	423	70	54	-	8	281	6	1	**126,061**
4	Upper Manhattan	7,311	1,024	15,571	45,743	2,551	1,133	891	29	92	23	299	2	37	581	26	10	**75,323**
5	Bronx	1,564	208	1,774	11,296	21,084	323	117	11	153	31	5,235	35	103	803	76	18	**42,831**
6	Queens	2,719	393	3,411	1,534	477	70,137	13,896	92	2,962	436	280	5	82	381	32	9	**96,846**
7	Brooklyn	10,293	2,345	4,642	3,269	139	2,017	71,542	222	449	67	71	-	24	254	24	2	**95,360**
8	Staten Island	553	101	307	134	33	151	694	14,228	51	9	15	-	4	748	110	6	**17,144**
9	Nassau	622	131	578	296	358	7,733	1,182	45	82,989	4,966	148	-	322	1,042	92	4	**100,508**
10	Suffolk	72	12	75	42	66	689	123	5	3,448	85,357	32	-	64	197	24	1	**90,207**
11	Westchester	899	118	939	1,837	3,433	619	201	15	218	57	54,422	207	998	549	27	1,073	**65,612**
12	EHR Other NY	26	6	47	65	98	17	7	2	10	3	806	18,782	394	67	8	595	**20,933**
13	Connecticut	100	19	116	209	263	62	11	-	21	-	1,741	148	100,476	24	-	17	**103,207**
14	WHR Primary NJ	1,870	404	1,654	2,719	531	830	890	952	1,376	341	584	13	1,894	246,577	10,279	1,515	**272,429**
15	WHR Other NJ	139	24	144	248	53	98	164	280	188	38	46	3	224	13,701	163,768	308	**179,426**
16	WHR NY	189	26	260	366	156	45	20	7	18	2	1,430	302	105	636	64	34,342	**37,968**
	Regional	**119,984**	**39,362**	**130,433**	**96,748**	**29,816**	**89,726**	**105,354**	**15,912**	**92,864**	**91,488**	**65,212**	**19,497**	**104,745**	**266,205**	**174,550**	**37,904**	**1,479,800**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	229,093	28,990	22,086	1,047	107	18	665
2	Other Manh	23,906	45,743	4,604	115	311	37	607
3	Other NYC	28,310	16,233	195,163	4,158	5,676	213	2,428
4	Long Island	1,490	338	10,201	176,760	185	386	1,355
5	Other NYS	2,510	2,268	4,620	308	111,959	1,497	1,351
6	CT	235	209	336	21	1,906	100,476	24
7	NJ	4,235	2,967	3,798	1,943	2,469	2,118	434,325

D3b - Work Journeys - 102C

Work Flows For All Income Groups - Outbound Journeys

RHTS2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	Regional
1	Downtown	81,106	22,443	59,097	15,910	1,432	926	7,830	253	3,252	0	0	0	157	5,637	1,977	3,380	203,399
2	Valley	9,911	5,979	2,151	240	1,890	77	467	0	0	0	1,088	0	940	634	0	0	23,376
3	Midtown	15,373	4,250	33,833	4,199	1,120	100	799	0	3,741	0	0	0	123	1,074	815	0	65,427
4	Upper Manhattan	84,038	21,408	109,373	84,474	16,591	12,844	8,059	2,899	2,477	61	2,133	0	2,187	9,256	2,679	1,659	360,137
5	Bronx	41,532	10,916	43,653	55,660	161,607	33,025	20,420	0	962	2,630	16,912	0	1,185	2,084	0	40	390,626
6	Queens	108,241	43,275	115,545	49,927	17,661	347,099	58,136	501	54,973	14,090	13,618	0	3,002	15,453	3,056	346	844,921
7	Brooklyn	105,314	60,373	107,537	39,201	5,251	47,133	398,777	7,317	13,914	2,643	6,883	0	95	20,625	5,413	874	821,349
8	Staten Island	9,772	6,088	15,275	2,121	109	6,107	23,021	65,753	5,157	69	0	0	0	6,783	4,371	0	144,627
9	Nassau	20,988	12,925	40,297	7,254	5,914	55,616	16,474	87	253,779	46,374	5,376	0	2,181	5,674	112	0	473,050
10	Suffolk	12,948	9,427	11,680	2,192	3,440	20,322	3,028	1,162	90,247	458,671	2,734	0	0	6,521	1,248	0	623,620
11	Westchester	18,621	4,018	36,409	11,853	33,458	13,386	8,835	0	211	0	170,855	5,685	16,931	3,898	214	6,462	330,836
12	EHR Other NY	1,905	705	1,468	2,956	2,614	4,240	59	0	0	432	27,063	92,274	4,384	2,082	0	7,010	147,191
13	Connecticut	4,471	1,542	18,120	2,737	5,734	0	711	0	317	0	19,652	0	582,654	7,395	993	361	644,688
14	WHR Primary NJ	48,008	38,932	92,128	22,435	20,076	5,247	20,929	6,881	1,346	2,277	11,177	0	4,349	1,099,805	169,328	10,697	1,553,616
15	WHR Other NJ	6,685	11,277	23,869	6,219	3,333	2,146	3,555	4,721	0	432	2,712	0	465	186,745	699,277	4,046	955,483
16	WHR NY	5,149	1,262	10,026	4,375	5,478	2,794	3,755	554	1,426	462	18,868	10,471	1,727	22,503	3,802	142,575	235,226
	Regional	574,063	254,820	720,460	311,753	285,706	551,061	574,854	90,128	431,804	528,141	299,070	108,430	620,380	1,396,170	893,286	177,449	7,817,572

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	234,143	20,348	14,893	6,993	4,467	1,220	10,138
2	Other Manh	214,818	84,474	40,393	2,538	3,792	2,187	11,935
3	Other NYC	667,521	146,910	1,191,915	94,439	38,672	4,282	57,785
4	Long Island	108,265	9,446	106,042	849,071	8,110	2,181	13,555
5	Other NYS	79,562	19,184	75,173	2,530	481,263	23,043	32,499
6	CT	24,133	2,737	6,445	317	20,013	582,654	8,389
7	NJ	220,900	28,654	66,888	4,055	28,632	4,814	2,155,155

NYBPM2010

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	Regional
1	Downtown	113,455	24,284	40,488	6,231	298	307	1,132	1	726	11	2	16	56	2,198	436	544	190,185
2	Valley	3,700	10,950	2,066	237	1,343	37	114	1	8	2	30	0	611	490	47	0	19,636
3	Midtown	10,415	7,505	39,767	4,437	543	127	128	1	615	19	4	14	59	1,198	140	2	64,974
4	Upper Manhattan	51,480	43,669	170,936	57,401	5,075	7,949	365	54	505	152	329	71	3,712	3,770	1,482	1,510	348,460
5	Bronx	16,151	28,634	86,584	126,649	85,290	8,693	2,187	171	6,339	4,191	7,534	48	9,552	6,973	1,022	775	390,793
6	Queens	315,353	4,309	63,072	19,278	50,326	380,527	6,813	225	12,377	1,168	2,416	7	166	1,554	159	89	857,839
7	Brooklyn	9,880	21,400	58,056	51,471	107,802	40,359	469,187	15,354	38,163	997	1,221	9	52	7,834	1,478	159	823,422
8	Staten Island	5,005	7,333	9,112	467	229	5,674	20,311	66,301	11,011	57	27	0	0	15,056	4,433	23	145,039
9	Nassau	2,293	5,619	118,834	22,298	1,966	36,682	46,363	257	165,110	59,379	539	0	1,286	8,454	2,579	1,638	473,297
10	Suffolk	128	2,584	755	840	94	10,109	3,460	124	158,900	445,048	686	0	3	1,521	234	148	624,634
11	Westchester	4,627	7,193	25,070	14,409	17,910	2,403	1,503	5	487	1	242,913	6,119	21,499	1,415	1	9,523	355,078
12	EHR Other NY	454	1,004	2,357	570	2,601	8,745	303	0	99	598	25,547	90,808	6,569	480	47	17,070	157,252
13	Connecticut	6,391	5,745	9,939	1,338	5,735	24,872	2,282	0	11,559	0	11,485	3,016	584,188	7,538	114	2,263	676,465
14	WHR Primary NJ	29,310	57,815	57,785	7,929	12,124	10,094	5,540	3,391	7,686	178	4,165	11	2,083	1,202,018	149,283	2,437	1,551,849
15	WHR Other NJ	13,410	28,161	23,666	3,364	726	326	1,719	6,044	1,659	6	128	2	70	136,332	739,527	1,011	956,151
16	WHR NY	2,628	2,662	22,405	1,709	1,174	1,172	366	2	3,051	2	7,475	10,734	1,637	27,827	7,530	143,935	234,309
	Regional	584,680	258,867	730,892	318,628	293,236	538,076	561,773	91,931	418,295	511,809	304,501	110,855	631,543	1,424,658	908,512	181,127	7,869,383

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	252,630	10,905	4,032	1,381	612	726	4,509
2	Other Manh	266,085	57,401	13,443	657	1,910	3,712	5,252
3	Other NYC	624,889	197,865	1,259,449	74,303	12,308	9,770	38,509
4	Long Island	130,213	23,138	99,055	828,437	3,011	1,289	12,788
5	Other NYS	68,400	16,688	36,184	4,238	554,124	29,705	37,300
6	CT	22,075	1,338	32,889	11,559	16,764	584,188	7,652
7	NJ	210,147	11,293	39,964	9,529	7,754	2,153	2,227,160

NYBPM2005

		Downtown	Valley	Midtown	Upper Manhattan	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	EHR Other NY	Connecticut	WHR Primary NJ	WHR Other NJ	WHR NY	Regional
1	Downtown	85,860	32,537	68,540	11,939	202	5,003	3,705	20	353	141	133	14	356	5,371	1,442	11	215,627
2	Valley	2,967	3,051	3,031	519	10	273	193	0	10	5	9	1	9	226	73	1	10,378
3	Midtown	16,035	7,171	26,664	4,419	59	1,814	858	4	81	31	47	7	77	1,392	362	1	59,022
4	Upper Manhattan	72,475	35,855	111,577	146,390	12,820	9,405	7,894	43	1,108	435	3,719	330	478	7,058	1,951	48	411,586
5	Bronx	35,891	16,455	51,712	72,622	157,745	14,602	16,885	136	2,641	545	17,987	123	820	12,182	1,253	168	401,767
6	Queens	85,029	43,236	107,690	85,157	4,257	305,168	71,484	695	57,294	21,834	2,231	132	1,320	2,673	508	107	788,815
7	Brooklyn	111,313	63,595	116,291	39,467	3,139	28,600	353,630	2,395	6,855	2,918	5,337	330	1,023	3,167	974	101	739,135
8	Staten Island	12,227	9,865	10,397	1,741	451	7,250	21,343	82,725	316	14	57	0	202	8,984	876	8	156,456
9	Nassau	16,160	8,430	18,346	9,436	2,499	50,528	10,247	407	436,736	15,776	2,426	1	614	641	26	7	572,280
10	Suffolk	14,709	6,449	16,826	7,445	1,791	44,749	5,857	51	33,079	442,789	767	0	671	99	1	0	575,283
11	Westchester	15,009	5,611	33,836	5,413	27,698	7,829	2,013	19	684	15	236,920	618	14,980	7,499	25	10,931	369,100
12	EHR Other NY	3,995	2,010	9,982	448	2,183	1,004	515	4	173	1	15,599	106,154	18,292	1,157	110	3,761	165,388
13	Connecticut	7,174	2,966	19,518	4,874	5,262	3,148	1,843	5	991	0	39,682	4,765	496,622	1,862	2	17	588,731
14	WHR Primary NJ	37,915	23,048	40,959	17,065	1,872	14,771	8,585	3,462	1,569	90	1,435	2	13,986	1,246,656	92,604	1,293	1,505,312
15	WHR Other NJ	24,031	16,857	20,195	3,817	1,080	10,835	9,400	3,160	585	36	388	0	4,022	123,108	859,431	566	1,077,511
16	WHR NY	5,157	2,671	6,773	2,952	6,065	4,914	1,808	763	156	0	26,096	2,729	727	40,251	5,078	187,956	294,096
	Regional	545,947	279,807	662,337	413,704	227,133	509,893	516,260	93,889	542,631	484,630	352,833	115,206	554,199	1,462,326	964,716	204,976	7,930,487

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	245,856	16,877	12,141	621	224	442	8,866
2	Other Manh	219,907	146,390	30,162	1,543	4,097	478	9,009
3	Other NYC	663,701	198,987	1,070,505	92,417	26,581	3,365	30,617
4	Long Island	80,920	16,881	116,129	928,380	3,201	1,285	767
5	Other NYS	85,044	8,813	54,815	1,029	590,764	33,999	54,120
6	CT	29,658	4,874	10,258	991	44,464	496,622	1,864
7	NJ	163,005	20,882	53,165	2,280	3,684	18,008	2,321,799

ACS2010[1]

1. The ASC numbers are home-to-work linkages, corresponding to the "usual place of work" for all workers (fulltime and part time). The values for the RHTS and the NYBPM are work journeys made on a typical weekday, reflecting frequency of work trips and absenteeism.

		Manhattan – Downtown	Manhattan – Valley	Manhattan - Midtown	Manhattan - Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Regional
1	Manhattan – Downtown	96,046	33,257	69,011	11,669	669	5,237	7,530	407	1,011	558	375	26	1,937	8,454	1,123	218	237,528
2	Manhattan – Valley	3,273	4,014	3,222	868	29	233	470	45	55	46	79	19	60	475	86	23	12,998
3	Manhattan - Midtown	16,343	7,276	30,030	4,962	267	1,937	1,676	104	251	148	159	22	399	2,532	331	23	66,461
4	Manhattan - Uptown	66,738	33,615	111,241	148,869	26,165	12,488	14,139	864	3,017	1,589	8,772	183	2,464	10,344	1,475	1,067	443,028
5	Bronx	38,743	18,358	56,025	78,134	209,209	21,520	19,935	610	2,589	855	37,515	499	2,550	9,095	988	1,834	498,459
6	Queens	96,368	49,542	127,835	95,440	21,025	401,640	84,805	2,080	74,725	13,780	8,595	500	2,555	13,379	1,695	705	994,669
7	Brooklyn	130,293	77,096	136,510	46,231	13,465	69,295	489,980	6,610	10,925	2,714	3,080	349	1,120	16,525	2,234	825	1,007,252
8	Staten Island	18,147	15,730	15,983	2,784	1,519	5,674	29,810	90,525	1,120	315	455	10	120	12,503	2,265	249	197,209
9	Nassau	29,202	15,240	34,629	15,998	6,335	70,275	25,205	900	346,159	52,540	3,164	90	1,203	4,339	634	239	606,152
10	Suffolk	12,927	5,889	15,085	6,269	3,365	24,995	10,250	690	87,055	505,530	1,330	135	504	2,209	425	160	676,818
11	Westchester	19,670	7,666	48,130	6,754	29,784	5,440	3,789	115	2,205	770	253,370	3,970	17,580	5,182	905	4,805	410,135
12	Other EHR-NY	2,267	1,290	5,567	439	3,179	849	688	45	259	135	35,003	106,669	5,024	981	219	5,961	168,575
13	Connecticut	6,420	2,722	17,388	3,426	2,174	1,460	1,115	60	835	320	22,679	2,715	678,970	1,974	654	770	743,681
14	Primary NJ	73,408	45,478	80,634	33,695	10,974	11,229	13,790	5,803	2,384	795	6,747	460	2,144	1,363,718	179,586	10,543	1,841,388
15	Other NJ	20,261	17,511	17,672	3,191	1,102	2,515	6,205	5,313	899	349	1,325	144	609	246,890	869,453	2,253	1,195,693
16	Other WHR (NY)	6,991	3,709	10,632	4,491	9,636	2,745	2,878	289	735	260	16,935	6,415	1,654	26,421	3,444	187,309	284,544
	Regional	637,098	338,394	779,594	463,220	338,897	637,532	712,265	114,460	534,225	580,703	399,583	122,206	718,893	1,725,021	1,065,517	216,983	9,384,590

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	262,473	17,500	18,604	2,069	943	2,396	13,002
2	Other Manh	211,594	148,869	53,656	4,606	10,022	2,464	11,818
3	Other NYC	780,630	222,589	1,467,702	107,023	54,616	6,345	58,684
4	Long Island	112,972	22,267	142,015	991,284	5,118	1,707	7,607
5	Other NYS	105,923	11,683	59,437	4,364	620,437	24,258	37,152
6	CT	26,529	3,426	4,809	1,155	26,164	678,970	2,628
7	NJ	254,965	36,886	56,931	4,427	21,472	2,753	2,659,647

Auto Person Trips (including SOV, HOVs and Taxis)

RHTS2010

	Manhattan - Downtown	Manhattan – Valley	Manhattan Midtown	Manhattan Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	**Total**
Manhattan – Downtown	65,099	14,036	29,649	38,712	8,463	47,116	28,144	2,773	9,881	4,435	8,293	389	1,481	14,216	3,498	5,157	**281,343**
Manhattan – Valley	14,969	6,793	1,922	4,601	3,906	8,974	17,200	3,576	2,329	4,463	984	455	0	7,150	729	622	**78,674**
Manhattan - Midtown	27,095	3,622	25,121	46,730	5,005	10,454	16,195	767	12,457	8,204	10,676	815	2,149	16,477	8,291	2,743	**196,800**
Manhattan - Uptown	33,450	1,236	44,316	225,773	86,063	42,812	10,081	4,125	6,002	10,119	23,507	4,587	2,503	34,394	3,597	8,904	**541,469**
Bronx	13,712	3,253	4,756	85,715	858,669	47,447	11,599	1,871	8,283	8,935	100,448	2,136	2,987	24,508	3,145	7,058	**1,184,522**
Queens	57,385	3,996	11,896	36,973	33,585	2,386,493	149,684	17,606	268,682	42,137	34,705	2,198	2,892	17,503	4,639	1,531	**3,071,905**
Brooklyn	26,259	6,475	19,074	15,187	6,101	140,321	1,769,192	36,760	41,315	22,459	11,489	59	1,900	25,151	10,547	2,453	**2,134,741**
Staten Island	3,187	4,299	336	2,612	1,871	15,436	37,503	836,240	4,790	127	410	0	0	25,581	15,530	2,445	**950,367**
Nassau	9,127	2,136	8,944	4,790	9,466	257,063	34,788	5,004	3,357,586	271,393	10,902	0	1,985	6,431	398	1,426	**3,981,441**
Suffolk	6,820	4,389	1,984	11,943	7,467	38,500	15,923	1,231	266,254	5,088,364	4,246	0	428	3,051	1,547	335	**5,452,482**
Westchester	6,285	116	11,048	14,583	112,593	26,795	12,162	410	12,656	3,130	2,008,064	69,933	67,171	25,258	2,454	36,555	**2,409,213**
Other EHR-NY	498	459	795	3,767	3,282	1,917	59	0	0	432	67,573	882,479	17,355	862	0	24,902	**1,004,381**
Connecticut	1,674	0	77	2,395	2,555	2,176	806	0	2,498	428	68,393	17,741	5,334,491	8,784	1,363	3,445	**5,446,826**
Primary NJ	12,709	7,346	19,385	29,787	26,712	8,744	29,820	23,405	5,154	2,972	25,731	950	8,492	9,717,978	675,835	86,829	**10,681,849**
Other NJ	4,797	558	4,482	2,888	3,333	5,562	4,713	13,160	398	432	2,337	0	1,443	696,664	7,358,014	20,234	**8,119,014**
Other WHR (NY)	2,054	622	2,112	10,169	11,207	6,969	2,338	2,445	1,158	736	39,731	22,711	2,733	84,020	18,447	1,585,299	**1,792,752**
Total	**285,120**	**59,336**	**185,898**	**536,626**	**1,180,279**	**3,046,779**	**2,140,208**	**949,372**	**3,999,442**	**5,468,766**	**2,417,489**	**1,004,452**	**5,448,012**	**10,708,027**	**8,108,035**	**1,789,939**	**47,327,779**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	188,306	90,044	152,575	41,769	30,133	3,630	50,361
2	Other Manh	79,002	225,773	143,080	16,120	36,998	2,503	37,992
3	Other NYC	154,629	140,487	6,350,377	396,726	164,933	7,780	126,604
4	Long Island	33,401	16,733	369,442	8,983,597	16,909	2,413	11,427
5	Other NYS	23,989	28,519	180,177	18,112	4,737,248	87,259	131,042
6	CT	1,752	2,395	5,536	2,926	89,578	5,334,491	10,147
7	NJ	49,276	32,675	115,449	8,956	136,080	9,936	18,448,490

NYBPM2010

	Manhattan - Downtown	Manhattan – Valley	Manhattan Midtown	Manhattan Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	**Total**
Manhattan – Downtown	147,811	18,469	33,194	41,297	14,412	94,374	35,550	6,079	9,137	1,895	5,480	323	2,518	25,707	7,625	4,454	**448,325**
Manhattan – Valley	19,173	17,922	5,758	9,008	5,757	4,527	6,200	2,815	2,248	262	1,697	166	817	16,593	5,387	1,233	**99,562**
Manhattan - Midtown	35,349	5,610	97,417	52,417	17,453	22,702	19,882	3,033	15,610	2,385	9,723	855	2,589	25,663	7,744	8,091	**326,521**
Manhattan - Uptown	41,729	9,147	53,438	253,162	94,845	36,897	32,468	7,103	16,079	8,130	24,236	3,239	5,868	27,973	12,498	7,716	**634,527**
Bronx	14,843	6,022	18,084	95,998	709,793	57,996	53,411	1,657	12,662	5,909	208,095	1,965	13,487	32,283	3,289	20,057	**1,255,551**
Queens	93,200	4,387	23,319	36,121	58,208	2,064,123	192,698	12,128	269,708	32,799	10,412	5,335	29,196	20,480	2,703	9,172	**2,863,989**
Brooklyn	33,956	5,936	19,067	32,871	56,474	191,427	2,111,997	44,861	102,077	29,896	5,763	807	4,545	29,619	7,806	9,480	**2,686,582**
Staten Island	5,714	2,861	2,752	6,897	1,519	12,238	44,414	821,884	9,211	241	159	48	177	40,758	11,260	90	**960,224**
Nassau	9,190	2,395	16,664	17,643	12,305	272,746	102,854	8,168	2,899,010	376,916	5,320	441	10,807	18,435	4,017	4,101	**3,761,011**
Suffolk	1,861	279	2,356	8,258	5,628	30,050	28,485	257	380,866	4,816,462	1,357	494	535	2,015	371	291	**5,279,565**
Westchester	5,369	1,857	9,843	24,383	208,754	9,740	5,741	131	5,414	1,243	1,491,109	92,060	115,596	12,213	1,344	38,770	**2,023,568**
Other EHR-NY	234	164	819	3,104	2,078	5,615	677	43	448	562	92,052	895,017	28,698	1,341	204	32,482	**1,063,537**
Connecticut	2,291	778	2,394	5,380	13,346	29,452	4,328	179	12,301	402	115,230	28,950	4,633,687	12,935	442	3,755	**4,865,849**
Primary NJ	25,555	17,288	25,954	27,607	32,007	20,430	30,161	40,477	17,939	1,869	12,248	1,475	12,989	10,309,598	668,615	124,627	**11,368,840**
Other NJ	7,647	5,251	7,476	12,481	3,225	2,644	8,028	11,322	3,989	320	1,236	188	473	669,327	6,922,920	19,241	**7,675,769**
Other WHR (NY)	4,403	1,196	7,987	7,901	19,747	9,030	9,688	87	4,313	275	39,451	32,172	3,868	123,899	19,543	1,426,465	**1,710,025**
Total	**448,325**	**99,562**	**326,521**	**634,527**	**1,255,551**	**2,863,989**	**2,686,582**	**960,224**	**3,761,011**	**5,279,565**	**2,023,568**	**1,063,537**	**4,865,849**	**11,368,840**	**7,675,769**	**1,710,025**	**47,023,445**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	380,702	102,722	232,783	31,537	32,021	5,924	88,719
2	Other Manh	104,315	253,162	171,312	24,209	35,191	5,868	40,471
3	Other NYC	230,140	171,887	6,434,828	462,503	271,384	47,405	148,199
4	Long Island	32,746	25,901	460,493	8,473,253	12,004	11,342	24,838
5	Other NYS	31,872	35,387	271,332	12,254	4,139,578	148,162	158,545
6	CT	5,462	5,380	47,305	12,703	147,935	4,633,687	13,377
7	NJ	89,171	40,088	148,293	24,117	159,017	13,462	18,570,460

NYBPM2005

	Manhattan - Downtown	Manhattan – Valley	Manhattan Midtown	Manhattan Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	**Total**
Manhattan – Downtown	154,915	22,396	69,744	80,049	21,403	45,733	63,106	6,364	8,909	2,604	7,911	767	3,055	27,946	9,059	2,484	**526,446**
Manhattan – Valley	22,902	6,909	9,920	14,171	3,408	10,838	15,437	1,999	2,525	906	1,539	182	641	6,127	3,473	505	**101,485**
Manhattan - Midtown	70,000	9,301	65,103	80,589	20,222	38,524	34,244	3,465	6,778	2,709	10,018	871	3,606	17,898	6,179	2,781	**372,288**
Manhattan - Uptown	79,387	14,180	79,789	344,015	113,784	52,766	32,566	2,161	11,523	2,263	16,677	577	4,668	27,542	4,763	3,214	**789,874**
Bronx	20,982	3,419	19,865	113,787	1,019,386	48,929	20,732	967	20,505	3,820	230,001	2,854	10,175	37,086	3,891	7,140	**1,563,539**
Queens	44,964	10,787	38,443	53,080	48,502	1,995,041	220,480	8,347	451,757	90,798	16,086	1,463	6,706	30,921	10,966	4,279	**3,032,619**
Brooklyn	64,234	15,700	34,382	32,504	20,101	218,763	2,353,091	43,237	45,020	13,736	7,844	833	3,799	24,611	12,295	1,817	**2,891,968**
Staten Island	6,286	1,977	3,286	2,006	933	8,731	43,377	965,725	1,559	224	196	47	320	49,688	6,517	547	**1,091,418**
Nassau	8,907	2,569	7,018	11,747	20,713	451,432	45,320	1,496	3,379,045	171,148	6,439	476	3,731	17,246	2,003	1,191	**4,130,481**
Suffolk	2,575	919	2,661	2,220	4,022	90,948	13,127	182	171,436	4,216,818	1,051	93	2,332	4,546	815	144	**4,513,890**
Westchester	7,711	1,620	10,200	16,054	230,564	15,727	7,860	204	6,616	1,071	1,626,311	61,692	150,686	29,312	1,388	49,555	**2,216,571**
Other EHR-NY	706	199	858	529	2,875	1,410	711	36	543	96	61,633	925,979	36,369	2,017	396	12,687	**1,047,045**
Connecticut	3,309	706	4,095	4,855	10,552	6,745	3,937	333	3,829	2,304	150,932	36,340	3,976,427	18,219	3,225	1,604	**4,227,413**
Primary NJ	28,349	6,575	18,383	27,270	36,185	31,372	24,237	49,558	17,314	4,462	28,417	1,816	19,828	9,113,471	489,785	103,035	**10,000,056**
Other NJ	8,964	3,734	5,990	4,087	3,717	11,306	12,027	6,703	1,948	769	1,343	363	3,591	490,525	7,041,663	13,867	**7,610,598**
Other WHR (NY)	2,252	495	2,553	2,911	7,171	4,356	1,715	641	1,173	164	50,172	12,689	1,477	102,901	14,180	1,754,695	**1,959,545**
Total	**526,446**	**101,485**	**372,288**	**789,874**	**1,563,539**	**3,032,619**	**2,891,968**	**1,091,418**	**4,130,481**	**4,513,890**	**2,216,571**	**1,047,045**	**4,227,413**	**10,000,056**	**7,610,598**	**1,959,545**	**46,075,236**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	431,190	174,809	264,744	24,432	27,060	7,302	70,683
2	Other Manh	173,357	344,015	201,276	13,785	20,469	4,668	32,305
3	Other NYC	264,325	201,378	7,016,343	627,417	273,106	21,000	175,975
4	Long Island	24,649	13,967	627,239	7,938,447	9,395	6,063	24,610
5	Other NYS	26,593	19,494	273,270	9,663	4,555,412	188,533	150,195
6	CT	8,111	4,855	21,567	6,134	188,876	3,976,427	21,444
7	NJ	71,996	31,357	175,104	24,492	148,842	23,419	17,135,443

Transit Person Trips (including Buses, Subway, Ferry and Commuter Rail)

RHTS2010

	Manhattan - Downtown	Manhattan – Valley	Manhattan - Midtown	Manhattan - Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	**Total**
Manhattan – Downtown	141,778	43,699	83,019	162,921	75,639	130,790	164,314	16,090	23,962	10,237	14,430	1,854	5,872	60,910	8,213	4,575	**948,302**
Manhattan – Valley	48,845	3,123	9,928	29,492	19,786	33,611	61,861	7,151	13,553	5,037	4,684	585	1,557	46,966	10,401	786	**297,367**
Manhattan - Midtown	90,166	12,999	67,027	116,881	43,611	125,716	118,246	14,601	37,812	20,169	29,482	929	15,104	96,866	20,540	7,711	**817,860**
Manhattan - Uptown	154,352	29,843	150,729	393,777	116,885	66,711	108,409	9,085	7,895	1,123	10,548	1,360	1,578	25,193	4,967	393	**1,082,849**
Bronx	71,584	17,281	53,738	130,816	495,555	33,990	30,206	0	0	627	11,265	2,165	177	7,128	0	0	**854,532**
Queens	128,601	45,206	129,097	80,310	37,535	602,657	86,263	1,671	13,525	8,494	2,121	3,954	263	12,944	817	277	**1,153,735**
Brooklyn	176,124	79,944	115,450	97,448	30,415	94,417	950,333	8,554	8,240	1,128	6,702	0	4,507	20,941	1,798	2,169	**1,598,169**
Staten Island	13,383	9,154	16,016	9,418	98	2,070	8,461	59,945	0	0	0	0	0	835	0	0	**119,380**
Nassau	23,299	11,146	45,579	8,532	0	20,122	7,248	87	31,057	1,365	0	0	0	3,384	0	0	**151,820**
Suffolk	14,443	5,090	12,298	2,072	627	5,863	1,128	0	3,365	19,667	0	0	0	4,298	0	0	**68,851**
Westchester	19,526	4,684	39,808	10,578	9,560	1,938	5,739	0	0	0	48,664	3,894	1,493	2,030	0	7,909	**155,823**
Other EHR-NY	1,783	216	874	3,562	470	3,954	0	0	0	0	4,471	6,473	0	155	0	0	**21,959**
Connecticut	5,019	1,542	19,966	2,311	4,685	263	0	0	120	0	1,493	0	83,304	3,000	0	0	**121,703**
Primary NJ	64,227	51,281	98,814	28,045	6,657	11,666	18,725	943	3,608	1,182	1,449	713	3,000	504,177	16,904	175	**811,566**
Other NJ	7,058	10,354	22,957	5,235	0	817	721	0	0	70	0	0	0	13,631	42,331	0	**103,175**
Other WHR (NY)	5,084	864	8,045	108	0	1,861	2,169	0	0	0	7,909	0	0	175	0	15,336	**41,553**
Total	**965,273**	**326,427**	**873,345**	**1,081,507**	**841,523**	**1,136,446**	**1,563,823**	**118,126**	**143,137**	**69,101**	**143,219**	**21,928**	**116,855**	**802,632**	**105,972**	**39,331**	**8,348,643**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	500,584	309,294	811,415	110,770	65,036	22,532	243,896
2	Other Manh	334,924	393,777	301,090	9,018	12,301	1,578	30,161
3	Other NYC	855,578	317,992	2,442,170	32,013	28,653	4,948	44,462
4	Long Island	111,855	10,605	35,075	55,454	-	-	7,681
5	Other NYS	80,885	14,248	25,692	-	94,657	1,493	2,360
6	CT	26,527	2,311	4,948	120	1,493	83,304	3,000
7	NJ	254,691	33,281	39,528	4,861	2,338	3,000	577,043

NYBPM2010

	Manhattan - Downtown	Manhattan – Valley	Manhattan - Midtown	Manhattan - Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	**Total**
Manhattan – Downtown	409,829	42,401	119,118	128,050	50,698	251,123	87,398	8,776	13,637	3,886	10,066	539	5,384	41,455	11,141	2,574	**1,186,075**
Manhattan – Valley	44,625	9,296	22,203	44,963	30,434	12,721	36,657	6,598	5,419	1,922	5,926	739	4,949	42,914	17,232	1,256	**287,854**
Manhattan - Midtown	125,718	20,731	180,006	215,480	91,259	109,000	71,625	8,843	93,811	12,507	24,788	2,095	8,174	55,871	19,358	11,369	**1,050,635**
Manhattan - Uptown	121,481	46,001	218,017	571,417	185,019	72,256	94,197	7,702	16,900	2,215	23,916	3,120	2,632	15,736	3,967	1,729	**1,386,305**
Bronx	46,741	30,743	93,955	191,238	494,553	42,028	59,062	502	3,947	222	31,944	564	1,880	5,361	166	324	**1,003,230**
Queens	262,063	11,224	104,928	67,392	43,018	883,517	98,004	1,379	22,181	2,417	3,996	1,663	6,090	4,182	163	393	**1,512,610**
Brooklyn	81,990	38,138	70,192	92,640	62,074	101,491	1,365,318	13,202	12,949	2,059	1,797	166	826	4,562	700	764	**1,848,868**
Staten Island	8,689	6,719	8,806	7,263	422	1,404	13,562	56,008	539	36	27	7	23	2,393	35	2	**105,935**
Nassau	12,203	5,552	99,046	16,519	3,182	21,103	11,825	374	43,531	5,421	209	51	248	49	12	20	**219,345**
Suffolk	3,797	1,897	12,369	2,193	224	2,330	2,010	44	5,721	45,898	39	7	31	8	0	1	**76,569**
Westchester	9,793	6,153	25,643	24,019	32,265	3,179	1,805	39	216	39	141,004	2,791	12,542	838	526	947	**261,799**
Other EHR-NY	509	734	2,092	3,144	536	1,542	158	9	42	7	2,939	9,654	346	131	7	155	**22,005**
Connecticut	5,125	4,787	8,198	2,742	1,881	5,743	781	25	260	38	12,993	335	83,354	366	87	40	**126,755**
Primary NJ	40,773	45,143	55,653	14,049	6,889	4,259	4,711	2,396	52	8	543	120	364	125,989	9,464	2,606	**313,019**
Other NJ	10,670	17,210	19,308	3,776	161	157	669	46	12	0	410	2	30	9,978	3,194	51	**65,674**
Other WHR (NY)	2,372	1,192	11,652	1,646	315	405	755	0	19	2	979	154	31	2,597	64	41,138	**63,321**
Total	**1,186,378**	**287,921**	**1,051,186**	**1,386,531**	**1,002,930**	**1,512,258**	**1,848,537**	**105,943**	**219,236**	**76,677**	**261,576**	**22,007**	**126,904**	**312,430**	**66,116**	**63,369**	**9,529,999**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	973,927	388,493	765,132	131,182	59,352	18,507	187,971
2	Other Manh	385,499	571,417	359,174	19,115	28,765	2,632	19,703
3	Other NYC	764,188	358,533	3,235,544	44,350	41,647	8,819	17,562
4	Long Island	134,864	18,712	41,092	100,571	327	279	69
5	Other NYS	60,140	28,809	41,008	325	199,761	12,919	4,163
6	CT	18,110	2,742	8,430	298	13,368	83,354	453
7	NJ	188,757	17,825	19,288	72	3,732	394	148,625

NYBPM2005

	Manhattan - Downtown	Manhattan – Valley	Manhattan - Midtown	Manhattan - Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	**Total**
Manhattan – Downtown	264,919	49,264	148,053	146,806	52,655	102,295	167,488	10,328	15,372	11,574	13,367	3,216	6,936	62,123	16,454	3,391	**1,074,241**
Manhattan – Valley	51,341	7,669	21,541	35,444	14,302	32,863	60,144	6,990	5,613	4,358	4,126	1,499	2,127	21,998	9,836	1,699	**281,550**
Manhattan - Midtown	150,433	19,026	111,889	168,247	61,150	111,895	122,992	8,068	15,510	12,307	27,069	7,588	14,594	52,816	13,187	4,021	**900,792**
Manhattan - Uptown	144,202	34,221	165,246	543,460	165,024	121,538	76,252	2,833	11,801	6,531	13,928	1,289	4,846	37,585	5,364	2,387	**1,336,507**
Bronx	50,679	14,218	61,057	167,509	390,902	22,089	20,442	343	2,178	910	21,332	223	718	6,082	232	287	**759,201**
Queens	100,612	33,393	113,459	120,228	21,457	576,040	79,239	1,226	33,723	6,670	3,217	584	1,302	5,804	996	327	**1,098,277**
Brooklyn	168,795	63,496	123,172	71,201	19,968	78,896	983,833	5,939	4,873	2,439	1,328	165	460	5,606	1,056	176	**1,531,403**
Staten Island	10,457	7,261	7,916	2,433	293	1,124	6,093	56,235	230	266	9	4	12	1,810	37	23	**94,203**
Nassau	15,888	5,824	15,755	11,810	2,125	33,588	4,518	144	80,367	3,106	209	14	87	937	90	26	**174,488**
Suffolk	11,766	4,445	12,540	6,432	862	6,444	1,958	186	3,397	27,500	20	2	19	41	11	0	**75,623**
Westchester	13,279	4,104	28,072	13,560	21,678	2,335	1,331	37	206	23	44,953	713	5,568	1,268	555	910	**138,592**
Other EHR-NY	3,188	1,436	7,487	1,346	211	547	172	2	9	2	882	6,206	343	74	2	17	**21,924**
Connecticut	6,697	2,088	14,694	4,707	712	1,155	467	10	86	26	5,651	333	63,291	592	310	46	**100,865**
Primary NJ	62,386	23,245	53,113	36,410	7,275	5,817	5,346	1,807	948	41	1,028	78	606	479,198	11,471	2,757	**691,526**
Other NJ	16,260	10,222	13,047	4,693	235	981	1,058	38	93	8	306	2	230	12,230	23,016	88	**82,507**
Other WHR (NY)	3,303	1,670	3,992	2,242	278	305	162	25	22	2	872	23	17	3,093	119	13,612	**29,737**
Total	**1,074,205**	**281,582**	**901,033**	**1,336,528**	**759,127**	**1,097,912**	**1,531,495**	**94,211**	**174,428**	**75,763**	**138,297**	**21,939**	**101,156**	**691,257**	**82,736**	**29,767**	**8,391,436**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	824,135	350,497	751,170	64,734	65,976	23,657	176,414
2	Other Manh	343,669	543,460	365,647	18,332	17,604	4,846	42,949
3	Other NYC	754,515	361,371	2,264,119	51,289	27,675	2,492	21,623
4	Long Island	66,218	18,242	49,825	114,370	271	106	1,079
5	Other NYS	66,531	17,148	27,083	264	68,188	5,928	5,111
6	CT	23,479	4,707	2,344	112	6,030	63,291	902
7	NJ	178,273	41,103	22,557	1,090	4,259	836	525,915

Transit Person Trips (including Buses, Subway, Ferry and Commuter Rail)

Transit OD ***-- 6 - 10 AM peak period only***

	Manhattan - Downtown	Manhattan – Valley	Manhattan - Midtown	Manhattan - Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	**Total**
Manhattan – Downtown	22,506	11,902	39,684	17,206	2,381	9,485	6,187	555	1,706	373	890	24	590	4,953	331	49	**118,823**
Manhattan – Valley	831	35	1,036	732	380	498	874	178	92	5	93	0	46	2,161	199	13	**7,173**
Manhattan - Midtown	8,430	3,962	6,079	7,909	1,485	4,576	2,897	297	1,070	100	453	9	313	2,679	200	31	**40,490**
Manhattan - Uptown	46,632	22,871	89,770	54,515	12,361	23,989	9,607	692	1,454	684	1,252	48	887	2,522	167	52	**267,502**
Bronx	36,784	22,226	65,208	31,290	127,514	5,868	14,457	527	879	105	13,328	23	843	928	75	52	**320,105**
Queens	79,506	29,789	128,058	45,020	7,147	125,134	27,795	1,653	10,792	899	630	0	240	2,183	150	30	**459,028**
Brooklyn	80,452	48,870	116,922	31,916	13,356	28,717	238,557	5,640	4,002	1,091	773	29	199	2,085	186	23	**572,819**
Staten Island	9,513	14,545	13,249	2,513	122	269	3,486	17,857	0	0	61	0	12	196	12	0	**61,836**
Nassau	18,817	12,315	29,096	6,086	312	6,669	3,513	28	29,235	2,407	121	9	92	2,035	22	0	**110,757**
Suffolk	8,241	3,812	12,145	2,088	99	1,715	1,722	0	2,331	7,232	1	70	0	769	10	0	**40,235**
Westchester	13,865	7,006	27,453	4,542	2,550	830	732	19	55	14	13,275	27	1,094	432	19	13	**71,926**
Other EHR-NY	1,250	529	2,304	357	103	93	69	4	4	0	984	739	4	31	0	10	**6,481**
Connecticut	4,506	1,973	11,713	1,130	251	151	177	6	7	16	694	3	21,491	133	4	0	**42,256**
Primary NJ	41,274	24,030	53,219	9,016	1,162	3,362	5,383	179	235	134	312	13	97	73,649	2,438	144	**214,648**
Other NJ	8,748	6,720	15,788	1,646	138	478	953	14	30	35	55	0	0	6,305	5,464	18	**46,392**
Other WHR (NY)	1,998	1,383	3,378	388	106	80	205	2	0	0	39	9	0	1,205	21	1,869	**10,682**
Total	**383,354**	**211,966**	**615,105**	**216,355**	**169,468**	**211,913**	**316,613**	**27,652**	**51,893**	**13,096**	**32,961**	**1,002**	**25,908**	**102,266**	**9,298**	**2,304**	**2,391,153**

		CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
1	CBD	94,465	25,848	29,793	3,346	1,562	949	10,524
2	Other Manh	159,273	54,515	46,649	2,138	1,353	887	2,689
3	Other NYC	645,122	110,740	618,099	17,769	14,949	1,294	5,815
4	Long Island	84,427	8,173	14,059	41,205	201	92	2,836
5	Other NYS	59,166	5,287	4,793	74	16,964	1,098	1,708
6	CT	18,193	1,130	585	23	697	21,491	137
7	NJ	149,780	10,663	11,668	434	542	97	87,856

RHTS2010 - Outbound Journeys

All Modes

(including School Bus for School Purpose Only)

Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	81,106	22,443	59,097	15,910	1,432	926	7,830	253	3,252	0	0	0	157	5,637	1,977	3,380	203,399
Valley	9,911	5,979	2,151	240	1,890	77	467	0	0	0	1,088	0	940	634	0	0	23,376
Midtown	15,373	4,250	33,833	4,199	1,120	100	799	0	3,741	0	0	0	123	1,074	815	0	65,427
Uptown	84,038	21,408	109,373	84,474	16,591	12,844	8,059	2,899	2,477	61	2,133	0	2,187	9,256	2,679	1,659	360,137
Bronx	41,532	10,916	43,653	55,660	161,607	33,025	20,420	0	962	2,630	16,912	0	1,185	2,084	0	40	390,626
Queens	108,241	43,275	115,545	49,927	17,661	347,099	58,136	501	54,973	14,090	13,618	0	3,002	15,453	3,056	346	844,921
Brooklyn	105,314	60,373	107,537	39,201	5,251	47,133	398,777	7,317	13,914	2,643	6,883	0	95	20,625	5,413	874	821,349
Staten Island	9,772	6,088	15,275	2,121	109	6,107	23,021	65,753	5,157	69	0	0	0	6,783	4,371	0	144,627
Nassau	20,988	12,925	40,297	7,254	5,914	55,616	16,474	87	253,779	46,374	5,376	0	2,181	5,674	112	0	473,050
Suffolk	12,948	9,427	11,680	2,192	3,440	20,322	3,028	1,162	90,247	458,671	2,734	0	0	6,521	1,248	0	623,620
Westchester	18,621	4,018	36,409	11,853	33,458	13,386	8,835	0	211	0	170,855	5,685	16,931	3,898	214	6,462	330,836
Other EHR-NY	1,905	705	1,468	2,956	2,614	4,240	59	0	0	432	27,063	92,274	4,384	2,082	0	7,010	147,191
Connecticut	4,471	1,542	18,120	2,737	5,734	0	711	0	317	0	19,652	0	582,654	7,395	993	361	644,688
Primary NJ	48,008	38,932	92,128	22,435	20,076	5,247	20,929	6,881	1,346	2,277	11,177	0	4,349	1,099,805	169,328	10,697	1,553,616
Other NJ	6,685	11,277	23,869	6,219	3,333	2,146	3,555	4,721	0	432	2,712	0	465	186,745	699,277	4,046	955,483
Other WHR (NY)	5,149	1,262	10,026	4,375	5,478	2,794	3,755	554	1,426	462	18,868	10,471	1,727	22,503	3,802	142,575	235,226
Total	574,063	254,820	720,460	311,753	285,706	551,061	574,854	90,128	431,804	528,141	299,070	108,430	620,380	1,396,170	893,286	177,449	7,817,572

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	234,143	20,348	14,893	6,993	4,467	1,220	10,138
Other Manh	214,818	84,474	40,393	2,538	3,792	2,187	11,935
Other NYC	667,521	146,910	1,191,915	94,439	38,672	4,282	57,785
Long Island	108,265	9,446	106,042	849,071	8,110	2,181	13,555
Other NYS	79,562	19,184	75,173	2,530	481,263	23,043	32,499
CT	24,133	2,737	6,445	317	20,013	582,654	8,389
NJ	220,900	28,654	66,888	4,055	28,632	4,814	2,155,155

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	18,215	1,846	47	2,376	0	0	143	0	0	0	0	0	0	0	0	0	22,627
Valley	1,192	416	0	0	0	0	0	0	0	0	346	0	0	0	0	0	1,955
Midtown	3,003	0	5,447	5,743	911	0	0	0	0	0	0	0	0	0	0	0	15,103
Uptown	8,109	698	4,707	75,985	3,537	205	176	0	0	0	73	0	0	0	296	0	93,785
Bronx	47	143	337	19,345	207,164	1,776	0	0	0	0	1,093	0	0	608	0	0	230,511
Queens	1,049	215	0	3,629	3,964	287,233	4,224	0	9,790	0	0	0	0	0	0	0	310,103
Brooklyn	2,414	2,787	1,513	13,661	0	8,351	371,398	146	0	0	0	0	0	0	0	0	400,270
Staten Island	0	1,118	0	4,414	0	0	4,903	61,877	0	0	0	0	0	60	0	0	72,372
Nassau	0	0	0	229	0	14,564	0	0	225,648	1,772	0	0	0	0	0	0	242,213
Suffolk	0	0	0	979	0	0	0	0	2,155	273,668	0	0	0	0	0	0	276,802
Westchester	0	199	0	1,484	2,662	0	0	0	0	0	144,627	3,945	864	263	0	133	154,177
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	4,786	57,347	1,053	0	0	0	63,186
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	261,043	0	0	0	261,043
Primary NJ	265	991	0	1,154	390	0	0	0	0	0	0	0	0	683,059	7,152	1,787	694,797
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	8,937	431,570	0	440,507
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	10,446	105	0	979	1,223	119,183	131,936
Total	34,293	8,412	12,050	128,997	218,628	312,129	380,845	62,023	237,593	275,440	161,371	61,397	262,960	693,905	440,242	121,103	3,411,387

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	30,166	8,119	1,054	-	346	-	-
Other Manh	13,513	75,985	3,918	-	73	-	296
Other NYC	9,622	41,048	951,036	9,790	1,093	-	668
Long Island	-	1,208	14,564	503,243	-	-	-
Other NYS	199	1,484	2,662	-	340,572	1,917	2,465
CT	-	-	-	-	-	261,043	-
NJ	1,255	1,154	390	-	1,787	-	1,130,718

University Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	2,635	1,920	0	3,940	0	651	0	0	0	0	0	0	0	208	0	0	9,354
Valley	0	0	0	0	0	0	715	0	0	0	0	0	0	295	0	0	1,010
Midtown	1,404	80	961	1,033	0	0	0	0	0	0	0	0	0	0	0	0	3,478
Uptown	5,598	4,244	622	14,216	3,530	0	862	0	114	0	0	0	0	0	0	0	29,186
Bronx	7,811	373	367	7,512	18,760	1,886	342	0	0	0	2,292	0	0	0	0	437	39,782
Queens	9,641	422	1,893	9,199	0	42,774	5,533	0	9,968	135	0	0	0	0	0	0	79,565
Brooklyn	13,915	8,098	0	6,259	0	5,319	64,811	0	2,140	0	0	0	0	0	0	0	100,544
Staten Island	1,283	574	0	813	0	136	632	5,253	0	0	0	0	0	0	0	0	8,693
Nassau	334	0	156	2,345	0	2,843	2,765	0	21,021	1,263	0	0	0	0	0	0	30,727
Suffolk	0	0	0	421	0	242	0	0	5,885	33,035	0	0	0	0	0	0	39,584
Westchester	803	0	3,779	2,033	1,283	0	0	0	0	0	4,516	0	187	0	0	800	13,400
Other EHR-NY	0	0	0	1,190	105	0	0	0	0	0	279	5,135	132	0	0	0	6,842
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	36,035	0	0	0	36,035
Primary NJ	1,993	1,822	0	171	0	0	1,297	965	0	0	806	0	0	65,142	3,587	0	75,783
Other NJ	221	0	210	0	0	0	0	0	0	0	134	0	0	5,830	44,172	0	50,568
Other WHR (NY)	248	0	0	285	479	0	0	0	0	0	2,062	43	0	1,145	0	20,903	25,165
Total	45,887	17,533	7,989	49,419	24,157	53,853	76,958	6,218	39,129	34,432	10,088	5,178	36,354	72,620	47,759	22,140	549,715

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	7,001	4,972	1,367	-	-	-	503
Other Manh	10,464	14,216	4,392	114	-	-	-
Other NYC	44,378	23,784	145,448	12,243	2,729	-	-
Long Island	491	2,767	5,850	61,204	-	-	-
Other NYS	4,829	3,508	1,867	-	33,738	319	1,145
CT	-	-	-	-	-	36,035	-
NJ	4,247	171	2,262	-	940	-	118,732

RHTS2010 - Outbound Journeys

All Modes

(including School Bus for School Purpose Only)

Maintenance Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	109,517	6,169	9,288	3,610	51	821	1,945	0	1,156	0	0	0	0	250	0	0	132,807
Valley	3,879	2,827	621	914	1,337	652	3,253	0	0	0	0	0	0	98	0	0	13,582
Midtown	12,818	261	39,415	21,215	0	270	0	0	0	0	0	0	0	632	0	50	74,661
Uptown	24,807	492	16,462	266,127	5,948	3,794	1,648	0	488	669	3,679	0	0	3,265	677	1,704	329,762
Bronx	14,151	1,705	8,912	55,444	396,230	9,224	4,373	0	278	0	31,020	0	0	5,575	0	312	527,224
Queens	29,276	2,640	11,682	10,738	3,084	653,537	21,041	807	50,235	7,872	4,919	0	0	155	1,099	380	797,464
Brooklyn	34,392	9,299	16,374	34,124	5,113	21,633	712,816	2,013	4,429	0	0	0	0	185	61	0	840,438
Staten Island	6,158	1,118	1,286	2,343	1,520	11,152	1,998	191,592	0	0	0	0	0	3,963	1,853	0	222,982
Nassau	1,788	196	2,676	1,103	0	20,078	2,126	0	555,304	19,474	172	0	0	1,613	0	0	604,530
Suffolk	555	0	2,800	497	0	4,090	16,952	0	29,732	785,254	60	0	0	0	228	122	840,289
Westchester	2,444	116	2,453	1,685	5,669	145	652	410	0	0	338,303	2,306	4,467	260	414	1,635	360,959
Other EHR-NY	448	0	272	262	1,117	580	0	0	0	0	16,111	151,125	6,830	0	0	864	177,610
Connecticut	352	0	477	587	0	0	0	0	0	428	247	0	864,645	0	0	0	866,737
Primary NJ	5,419	4,097	13,253	8,390	2,235	1,873	4,482	0	568	57	365	0	0	1,696,107	77,760	12,193	1,826,797
Other NJ	51	0	1,433	1,261	0	1,135	1,177	1,349	71	0	0	0	0	59,619	1,102,823	2,585	1,171,504
Other WHR (NY)	130	0	506	3,266	0	0	0	0	66	0	970	940	644	13,391	2,904	218,669	241,487
Total	246,185	28,921	127,912	411,565	422,303	728,983	772,462	196,172	642,327	813,755	395,847	154,371	876,586	1,785,111	1,187,819	238,513	9,028,832

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	184,796	25,739	8,329	1,156	50	-	980
Other Manh	41,761	266,127	11,391	1,157	5,384	-	3,943
Other NYC	136,994	102,648	2,036,131	62,814	36,631	-	12,890
Long Island	8,015	1,599	43,245	1,389,765	353	-	1,841
Other NYS	6,369	5,213	8,574	66	730,923	11,941	16,969
CT	829	587	-	428	247	864,645	-
NJ	24,253	9,651	12,250	696	15,143	-	2,936,308

Discretionary Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	117,953	3,514	11,472	3,992	5,102	2,214	5,160	0	350	0	0	0	0	252	0	2,293	152,302
Valley	501	361	733	696	211	0	863	0	254	0	0	0	0	0	0	0	3,617
Midtown	6,743	0	39,394	5,354	318	0	664	0	0	0	0	0	0	333	0	0	52,805
Uptown	21,833	2,805	19,329	185,055	18,189	5,157	3,739	223	0	0	1,347	4,794	0	1,853	322	123	264,770
Bronx	7,837	5,347	3,752	16,401	169,610	730	1,277	340	0	61	5,854	0	0	2,576	0	992	214,777
Queens	17,642	776	9,688	12,529	0	376,719	37,707	0	44,083	1,451	0	0	153	5,729	0	0	506,476
Brooklyn	17,923	1,116	5,300	5,017	2,312	13,165	490,147	1,704	3,567	9,056	0	0	0	7,727	0	0	557,034
Staten Island	771	172	0	507	0	0	2,437	85,834	0	0	0	0	0	6,033	300	0	96,053
Nassau	3,556	936	4,293	1,059	50	21,910	2,044	0	353,602	26,522	0	0	0	103	0	0	414,076
Suffolk	2,614	0	7,238	4,657	2,817	2,257	1,323	0	30,921	553,231	1,209	0	0	0	0	213	606,482
Westchester	3,089	0	5,850	5,013	7,666	2,386	2,873	0	5,662	404	229,497	416	6,329	0	0	276	269,459
Other EHR-NY	58	339	1,408	108	0	1,203	0	0	59	0	6,383	93,065	3,014	0	0	3,081	108,718
Connecticut	1,327	0	389	0	517	0	1,094	0	120	0	13,905	954	435,201	1,829	0	0	455,337
Primary NJ	10,693	5,877	7,044	12,062	3,525	318	1,080	285	164	366	8,328	57	713	1,055,423	49,778	8,181	1,163,891
Other NJ	2,187	191	1,101	492	0	0	921	3,151	216	70	0	0	0	50,169	763,517	2,182	824,194
Other WHR (NY)	1,334	0	0	370	839	0	2,160	0	0	0	704	2,884	0	4,847	3,509	217,308	233,956
Total	216,059	21,434	116,989	253,310	211,158	426,060	553,488	91,537	438,997	591,162	267,226	102,169	445,410	1,136,873	817,426	234,649	5,923,948

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	180,670	10,041	14,532	604	2,293	-	585
Other Manh	43,967	185,055	27,310	-	6,264	-	2,175
Other NYC	70,323	34,454	1,181,984	58,217	6,846	153	22,364
Long Island	18,638	5,716	30,402	964,277	1,422	-	103
Other NYS	12,078	5,491	17,127	6,125	553,612	9,343	8,357
CT	1,715	-	1,612	120	14,860	435,201	1,829
NJ	27,091	12,553	9,279	816	18,747	713	1,918,886

At-Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	65,531	3,071	9,593	3,428	573	615	562	0	0	308	0	0	0	244	0	0	83,925
Valley	14,535	26,927	1,411	949	311	43	511	0	0	0	0	0	0	0	0	0	44,687
Midtown	8,446	1,648	99,401	5,001	0	0	148	0	0	0	50	0	0	0	0	0	114,696
Uptown	1,703	0	3,011	21,673	0	194	583	0	0	0	0	0	0	0	40	0	27,204
Bronx	0	0	0	1,273	12,553	0	0	0	166	0	914	0	0	0	0	0	14,907
Queens	477	44	925	317	3,886	27,434	1,106	131	0	0	0	0	0	0	0	0	34,320
Brooklyn	1,214	112	0	0	0	0	52,060	0	244	0	0	0	0	0	0	0	53,630
Staten Island	0	0	0	0	0	0	0	6,022	0	0	0	0	0	0	0	0	6,022
Nassau	471	0	0	0	0	0	1,305	0	31,905	2,382	0	0	0	0	0	0	36,064
Suffolk	0	0	0	0	0	1,225	118	0	2,354	45,246	0	0	0	0	0	0	48,943
Westchester	0	0	47	0	423	39	0	0	0	0	27,292	0	1,125	147	0	0	29,074
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	6,891	0	0	0	0	6,891
Connecticut	204	0	0	0	0	0	0	0	0	0	777	0	60,706	0	0	0	61,687
Primary NJ	0	104	179	1,477	0	0	175	0	0	0	0	0	0	123,484	8,916	288	134,623
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	5,632	88,883	0	94,515
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	288	0	0	99	0	13,065	13,452
Total	92,582	31,906	114,567	34,119	17,746	29,551	56,568	6,153	34,670	47,936	29,322	6,891	61,831	129,606	97,839	13,353	804,639

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	230,564	9,379	2,764	308	50	-	244
Other Manh	4,714	21,673	777	-	-	-	40
Other NYC	2,772	1,590	103,192	410	914	-	-
Long Island	471	-	2,648	81,888	-	-	-
Other NYS	47	-	462	-	47,536	1,125	245
CT	204	-	-	-	777	60,706	-
NJ	283	1,477	175	-	288	-	226,915

RHTS2010 - Outbound Journeys

Auto and Taxi Trips

Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	7,945	2,504	2,914	169	614	0	1,812	253	2,940	0	0	0	71	0	1,769	0	20,992
Valley	190	873	148	0	101	77	0	0	0	0	0	0	0	384	0	0	1,773
Midtown	4,126	0	1,831	1,068	0	0	590	0	78	0	0	0	0	868	815	0	9,376
Uptown	3,939	0	11,879	5,180	8,218	3,222	424	841	2,477	61	1,664	0	1,154	5,007	2,576	1,659	48,300
Bronx	3,666	1,602	2,731	13,785	71,980	17,249	3,358	0	962	2,630	13,791	0	1,007	1,224	0	40	134,026
Queens	24,596	0	5,936	11,294	8,964	220,168	26,304	200	51,062	13,777	13,431	0	2,739	9,807	3,056	346	391,680
Brooklyn	5,201	3,554	3,965	5,842	1,008	20,358	176,801	3,153	13,039	2,643	4,201	0	95	13,779	5,413	874	259,927
Staten Island	1,572	407	353	1,207	109	4,907	19,908	59,572	5,157	69	0	0	0	5,948	4,371	0	103,582
Nassau	1,262	575	4,990	1,352	5,914	48,679	13,956	0	239,031	46,374	5,376	0	2,181	2,066	112	0	371,866
Suffolk	3,347	4,389	4,185	1,431	2,867	16,565	1,996	1,162	88,335	450,859	2,734	0	0	2,171	1,248	0	581,290
Westchester	2,544	0	3,714	5,455	31,855	12,278	6,223	0	211	0	155,581	5,685	16,931	2,631	214	6,462	249,784
Other EHR-NY	40	77	596	2,450	2,093	152	59	0	0	432	22,724	90,364	4,384	1,927	0	7,010	132,309
Connecticut	40	0	0	2,089	1,227	0	711	0	317	0	18,159	0	547,119	4,395	993	361	575,412
Primary NJ	9,483	3,121	10,542	5,355	17,075	3,440	8,762	6,773	1,346	2,277	11,177	0	4,349	960,008	167,548	10,697	1,221,953
Other NJ	1,153	558	1,231	1,518	3,333	1,408	2,834	4,721	0	432	2,712	0	465	173,492	684,135	4,046	882,036
Other WHR (NY)	1,254	398	2,033	3,717	5,478	933	178	554	1,426	462	18,610	10,471	1,727	22,327	3,802	133,429	206,798
Total	70,358	18,059	57,048	61,913	160,837	349,437	263,915	77,229	406,381	520,016	270,161	106,520	582,222	1,206,033	876,052	164,923	5,191,104

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	20,531	1,237	3,447	3,019	-	71	3,836
Other Manh	15,818	5,180	12,705	2,538	3,323	1,154	7,583
Other NYC	53,585	32,128	634,041	89,339	32,684	3,841	43,598
Long Island	18,748	2,783	91,139	824,599	8,110	2,181	5,596
Other NYS	10,656	11,623	59,803	2,530	450,336	23,043	30,901
CT	40	2,089	1,938	317	18,520	547,119	5,389
NJ	26,088	6,873	48,345	4,055	28,632	4,814	1,985,183

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	44	1,764	0	189	0	0	0	0	0	0	0	0	0	0	0	0	1,997
Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Midtown	0	0	2,009	0	0	0	0	0	0	0	0	0	0	0	0	0	2,009
Uptown	1,414	0	803	10,283	0	0	0	0	0	0	73	0	0	0	296	0	12,869
Bronx	0	0	0	5,455	48,759	0	0	0	0	0	1,045	0	0	0	0	0	55,259
Queens	0	0	0	0	0	122,889	2,056	0	1,862	0	0	0	0	0	0	0	126,807
Brooklyn	489	0	0	73	0	0	65,230	0	0	0	0	0	0	0	0	0	65,792
Staten Island	0	0	0	0	0	0	86	35,500	0	0	0	0	0	60	0	0	35,645
Nassau	0	0	0	0	0	7,790	0	0	101,199	550	0	0	0	0	0	0	109,540
Suffolk	0	0	0	0	0	0	0	0	1,630	89,882	0	0	0	0	0	0	91,512
Westchester	0	0	0	130	2,587	0	0	0	0	0	62,546	843	555	0	0	0	66,661
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	3,662	10,179	1,053	0	0	0	14,894
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	104,070	0	0	0	104,070
Primary NJ	80	0	0	562	0	0	0	0	0	0	0	0	0	356,574	3,975	1,787	362,978
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	5,655	193,246	0	198,901
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	2,795	0	0	569	1,223	26,895	31,483
Total	2,027	1,764	2,811	16,693	51,346	130,679	67,372	35,500	104,691	90,432	70,120	11,022	105,678	362,858	198,740	28,682	1,280,417

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	3,816	189	-	-	-	-	-
Other Manh	2,217	10,283	-	-	73	-	296
Other NYC	489	5,528	274,519	1,862	1,045	-	60
Long Island	-	-	7,790	193,262	-	-	-
Other NYS	-	130	2,587	-	106,920	1,608	1,792
CT	-	-	-	-	-	104,070	-
NJ	80	562	-	-	1,787	-	559,450

University Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	295	0	0	295
Midtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uptown	0	1,274	0	3,950	597	0	0	0	0	0	0	0	0	0	0	0	5,821
Bronx	0	0	117	1,066	1,483	0	0	0	0	0	2,292	0	0	0	0	437	5,395
Queens	719	0	0	507	0	19,307	0	0	7,811	135	0	0	0	0	0	0	28,479
Brooklyn	749	975	0	296	0	3,067	17,530	0	59	0	0	0	0	0	0	0	22,676
Staten Island	452	0	0	0	0	0	0	3,562	0	0	0	0	0	0	0	0	4,014
Nassau	0	0	0	1,105	0	2,426	0	0	18,580	1,263	0	0	0	0	0	0	23,374
Suffolk	0	0	0	0	0	194	0	0	5,885	28,951	0	0	0	0	0	0	35,031
Westchester	0	0	0	408	1,283	0	0	0	0	0	2,762	0	187	0	0	800	5,439
Other EHR-NY	0	0	0	0	105	0	0	0	0	0	279	3,842	132	0	0	0	4,358
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	32,476	0	0	0	32,476
Primary NJ	166	0	0	0	0	0	474	965	0	0	806	0	0	53,514	3,587	0	59,512
Other NJ	0	0	0	0	0	0	0	0	0	0	134	0	0	5,229	39,847	0	45,210
Other WHR (NY)	44	0	0	0	479	0	0	0	0	0	2,062	43	0	1,145	0	17,899	21,671
Total	2,130	2,249	117	7,331	3,947	24,995	18,004	4,527	32,336	30,349	8,334	3,884	32,795	60,184	43,434	19,136	293,753

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	-	-	-	-	295
Other Manh	1,274	3,950	597	-	-	-	-
Other NYC	3,012	1,869	44,949	8,005	2,729	-	-
Long Island	-	1,105	2,621	54,680	-	-	-
Other NYS	44	408	1,867	-	27,686	319	1,145
CT	-	-	-	-	-	32,476	-
NJ	166	-	1,439	-	940	-	102,177

RHTS2010 - Outbound Journeys

Auto and Taxi Trips

Maintenance Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	5,939	5,264	1,206	0	0	821	0	0	1,156	0	0	0	0	250	0	0	14,636
Valley	716	0	527	0	1,337	652	3,253	0	0	0	0	0	0	0	0	0	6,485
Midtown	133	99	229	4,071	0	270	0	0	0	0	0	0	0	632	0	50	5,484
Uptown	5,004	0	3,856	26,285	2,733	0	0	0	488	669	3,679	0	0	2,453	677	1,704	47,547
Bronx	1,451	205	1,153	23,401	141,244	968	841	0	278	0	26,486	0	0	3,915	0	312	200,254
Queens	8,340	2,006	0	2,874	2,990	336,904	20,440	807	45,459	7,872	4,919	0	0	155	1,099	380	434,244
Brooklyn	6,177	0	6,538	4,197	506	6,539	257,469	2,013	4,429	0	0	0	0	0	61	0	287,929
Staten Island	588	1,056	208	1,771	1,520	10,944	1,757	163,094	0	0	0	0	0	3,963	1,853	0	186,754
Nassau	1,429	196	404	166	0	19,348	2,126	0	514,769	19,474	172	0	0	1,613	0	0	559,697
Suffolk	0	0	0	497	0	2,327	16,952	0	29,732	764,842	60	0	0	0	228	122	814,759
Westchester	2,444	116	1,721	1,634	5,133	0	652	410	0	0	295,733	2,306	4,467	260	414	1,635	316,927
Other EHR-NY	448	0	208	262	1,117	580	0	0	0	0	15,917	135,948	6,830	0	0	864	162,173
Connecticut	0	0	0	0	0	0	0	0	0	428	247	0	800,146	0	0	0	800,822
Primary NJ	823	62	1,591	6,473	1,098	592	4,482	0	568	57	283	0	0	1,391,670	77,595	12,193	1,497,484
Other NJ	0	0	1,194	339	0	1,056	100	1,349	71	0	0	0	0	58,855	1,053,882	1,727	1,118,573
Other WHR (NY)	0	0	506	3,266	0	0	0	0	66	0	970	940	644	13,391	2,675	206,524	228,982
Total	33,492	9,005	19,339	75,236	157,677	381,000	308,072	167,674	597,016	793,343	348,466	139,194	812,087	1,477,156	1,138,484	225,509	6,682,750

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	14,113	4,071	6,334	1,156	50	-	882
Other Manh	8,859	26,285	2,733	1,157	5,384	-	3,130
Other NYC	27,722	32,243	948,036	58,038	32,097	-	11,045
Long Island	2,030	663	40,752	1,328,818	353	-	1,841
Other NYS	5,443	5,163	7,893	66	660,836	11,941	16,739
CT	-	-	-	428	247	800,146	-
NJ	3,669	6,811	8,676	696	14,202	-	2,582,002

Discretionary Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	5,105	0	217	214	236	0	159	0	0	0	0	0	0	189	0	2,293	8,413
Valley	0	292	0	262	0	0	57	0	0	0	0	0	0	0	0	0	612
Midtown	291	0	0	385	318	0	0	0	0	0	0	0	0	0	0	0	994
Uptown	8,997	149	5,387	26,198	7,458	1,584	0	0	0	0	1,347	1,190	0	191	170	0	52,671
Bronx	355	64	184	1,000	50,151	62	0	242	0	61	4,815	0	0	2,426	0	992	60,353
Queens	4,855	776	0	5,671	0	170,399	25,605	0	42,463	1,451	0	0	153	2,059	0	0	253,431
Brooklyn	4,433	1,116	0	573	452	11,515	156,229	1,704	3,567	9,056	0	0	0	1,894	0	0	190,538
Staten Island	113	0	0	0	0	0	2,237	65,284	0	0	0	0	0	6,033	300	0	73,966
Nassau	156	699	2,446	683	50	21,910	526	0	324,973	26,522	0	0	0	103	0	0	378,069
Suffolk	2,010	0	0	4,657	2,762	2,257	1,228	0	30,921	492,393	1,209	0	0	0	0	213	537,651
Westchester	878	0	3,937	4,560	6,295	2,386	2,211	0	5,662	404	195,093	416	6,329	0	0	276	228,446
Other EHR-NY	0	339	1,408	0	0	1,203	0	0	59	0	6,383	85,719	3,014	0	0	3,081	101,206
Connecticut	1,327	0	0	0	517	0	1,094	0	0	0	13,905	954	402,214	1,829	0	0	421,841
Primary NJ	3,067	556	1,306	5,949	3,525	318	1,080	285	164	242	7,747	57	713	859,528	49,312	4,538	938,386
Other NJ	105	0	292	160	0	0	921	3,151	216	0	0	0	0	49,364	686,752	2,182	743,142
Other WHR (NY)	712	0	0	370	839	0	2,160	0	0	0	704	2,884	0	4,847	3,509	186,336	202,362
Total	32,405	3,992	15,177	50,681	72,605	211,634	193,506	70,665	408,024	530,129	231,203	91,219	412,423	928,463	740,042	199,912	4,192,082

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	5,906	861	770	-	2,293	-	189
Other Manh	14,533	26,198	9,043	-	2,537	-	360
Other NYC	11,897	7,243	483,879	56,597	5,807	153	12,712
Long Island	5,311	5,339	28,734	874,810	1,422	-	103
Other NYS	7,274	4,930	15,094	6,125	480,891	9,343	8,357
CT	1,327	-	1,612	-	14,860	402,214	1,829
NJ	5,327	6,110	9,279	622	14,523	713	1,644,955

At-Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	401	0	343	62	0	0	0	0	0	0	0	0	0	117	0	0	923
Valley	0	0	0	0	0	0	166	0	0	0	0	0	0	0	0	0	166
Midtown	336	0	443	1,231	0	0	0	0	0	0	0	0	0	0	0	0	2,010
Uptown	0	0	723	2,570	0	194	0	0	0	0	0	0	0	0	40	0	3,527
Bronx	0	0	0	1,273	2,009	0	0	0	166	0	914	0	0	0	0	0	4,363
Queens	166	44	0	317	3,886	10,747	969	131	0	0	0	0	0	0	0	0	16,260
Brooklyn	0	0	0	0	0	0	11,298	0	244	0	0	0	0	0	0	0	11,541
Staten Island	0	0	0	0	0	0	0	4,402	0	0	0	0	0	0	0	0	4,402
Nassau	471	0	0	0	0	0	1,305	0	27,970	2,382	0	0	0	0	0	0	32,129
Suffolk	0	0	0	0	0	1,225	118	0	2,354	43,722	0	0	0	0	0	0	47,419
Westchester	0	0	47	0	423	39	0	0	0	0	17,407	0	1,125	47	0	0	19,089
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	6,609	0	0	0	0	6,609
Connecticut	0	0	0	0	0	0	0	0	0	0	777	0	51,988	0	0	0	52,766
Primary NJ	0	104	0	1,477	0	0	175	0	0	0	0	0	0	93,650	8,916	288	104,611
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	5,632	83,637	0	89,269
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	288	0	0	99	0	12,405	12,792
Total	1,375	148	1,556	6,930	6,319	12,206	14,030	4,533	30,735	46,104	19,387	6,609	53,114	99,545	92,593	12,693	407,876

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	1,523	1,293	166	-	-	-	117
Other Manh	723	2,570	194	-	-	-	40
Other NYC	209	1,590	33,442	410	914	-	-
Long Island	471	-	2,648	76,429	-	-	-
Other NYS	47	-	462	-	36,710	1,125	146
CT	-	-	-	-	777	51,988	-
NJ	104	1,477	175	-	288	-	191,835

RHTS2010 - Outbound Journeys

Commuter Rail

Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	122	138	0	0	0	0	312	0	0	0	86	974	208	3,380	5,219
Valley	293	0	0	0	0	0	0	0	0	0	1,088	0	0	0	0	0	1,381
Midtown	0	0	669	0	0	0	0	0	3,663	0	0	0	123	206	0	0	4,661
Uptown	5,674	0	102	0	0	4,239	0	0	0	0	243	0	1,033	250	103	0	11,644
Bronx	373	311	1,834	0	0	138	0	0	0	0	1,673	0	177	0	0	0	4,506
Queens	14,933	4,353	12,862	3,560	2,220	5,212	1,924	174	1,665	313	0	0	263	695	0	0	48,173
Brooklyn	0	0	449	0	907	0	190	0	875	0	2,682	0	0	0	0	0	5,103
Staten Island	0	0	0	0	0	0	0	135	0	0	0	0	0	0	0	0	135
Nassau	18,659	10,222	32,040	4,723	0	3,114	2,399	87	1,291	0	0	0	0	3,608	0	0	76,144
Suffolk	9,601	4,918	6,126	760	572	3,757	1,032	0	1,913	2,114	0	0	0	4,350	0	0	35,144
Westchester	15,939	3,734	32,652	5,368	251	1,108	2,612	0	0	0	2,276	0	0	1,267	0	0	65,206
Other EHR-NY	1,864	629	720	355	470	3,954	0	0	0	0	3,147	0	0	155	0	0	11,294
Connecticut	4,431	1,542	18,120	66	4,507	0	0	0	0	0	1,493	0	9,181	3,000	0	0	42,340
Primary NJ	11,658	16,557	27,166	615	836	160	3,269	0	0	0	0	0	0	23,888	1,405	0	85,553
Other NJ	4,537	3,413	8,314	1,891	0	0	721	0	0	0	0	0	0	9,506	1,245	0	29,628
Other WHR (NY)	1,227	607	3,794	58	0	1,584	1,408	0	0	0	0	0	0	175	0	0	8,853
Total	89,189	46,284	144,971	17,535	9,763	23,266	13,555	396	9,719	2,427	12,600	0	10,864	48,075	2,961	3,380	434,984

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	1,084	138	-	3,975	4,467	209	1,388
Other Manh	5,776	-	4,239	-	243	1,033	353
Other NYC	35,114	3,560	10,900	2,853	4,354	440	695
Long Island	81,567	5,483	10,962	5,317	-	-	7,959
Other NYS	61,165	5,780	11,387	-	5,423	-	1,598
CT	24,093	66	4,507	-	1,493	9,181	3,000
NJ	71,645	2,507	4,986	-	-	-	36,043

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Valley	0	0	0	0	0	0	0	0	0	0	346	0	0	0	0	0	346
Midtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uptown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bronx	0	0	0	0	532	0	0	0	0	0	0	0	0	0	0	0	532
Queens	0	0	0	587	0	0	0	0	0	0	0	0	0	0	0	0	587
Brooklyn	0	0	0	0	0	2,101	0	0	0	0	0	0	0	0	0	0	2,101
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassau	0	0	0	229	0	0	0	0	0	0	0	0	0	0	0	0	229
Suffolk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westchester	0	0	0	936	76	0	0	0	0	0	0	0	0	0	0	0	1,012
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	237	0	0	237
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1,752	608	2,101	0	0	0	0	346	0	0	237	0	0	5,044

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	-	-	346	-	-
Other Manh	-	-	-	-	-	-	-
Other NYC	-	587	2,633	-	-	-	-
Long Island	-	229	-	-	-	-	-
Other NYS	-	936	76	-	-	-	-
CT	-	-	-	-	-	-	-
NJ	-	-	-	-	-	-	237

University Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Midtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uptown	0	0	0	0	0	0	0	0	114	0	0	0	0	0	0	0	114
Bronx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Queens	65	0	0	0	0	0	0	0	2,157	0	0	0	0	0	0	0	2,222
Brooklyn	0	0	0	0	0	0	0	0	2,082	0	0	0	0	0	0	0	2,082
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassau	334	0	156	429	0	417	2,765	0	932	0	0	0	0	0	0	0	5,033
Suffolk	0	0	0	421	0	48	0	0	0	0	0	0	0	0	0	0	469
Westchester	803	0	3,779	557	0	0	0	0	0	0	450	0	0	0	0	0	5,588
Other EHR-NY	0	0	0	1,190	0	0	0	0	0	0	0	0	0	0	0	0	1,190
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	175	0	0	0	175
Primary NJ	526	0	0	0	0	0	0	0	0	0	0	0	0	1,091	0	0	1,617
Other NJ	0	0	210	0	0	0	0	0	0	0	0	0	0	601	0	0	812
Other WHR (NY)	204	0	0	232	0	0	0	0	0	0	0	0	0	0	0	0	436
Total	1,932	0	4,145	2,830	0	464	2,765	0	5,284	0	450	0	175	1,692	0	0	19,738

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	-	-	-	-	-
Other Manh	-	-	-	114	-	-	-
Other NYC	65	-	-	4,238	-	-	-
Long Island	491	851	3,229	932	-	-	-
Other NYS	4,785	1,980	-	-	450	-	-
CT	-	-	-	-	-	175	-
NJ	736	-	-	-	-	-	1,692

RHTS2010 - Outbound Journeys

Commuter Rail

Maintenance Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Midtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uptown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bronx	0	0	0	0	1,954	0	0	0	0	0	1,032	0	0	1,227	0	0	4,214
Queens	446	0	362	314	0	2,049	0	0	283	0	0	0	0	0	0	0	3,454
Brooklyn	220	302	0	0	0	0	0	0	0	0	0	0	0	0	0	0	522
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassau	359	0	2,272	936	0	0	0	0	580	0	0	0	0	0	0	0	4,147
Suffolk	555	0	2,800	0	0	1,763	0	0	0	865	0	0	0	0	0	0	5,983
Westchester	0	0	533	0	0	145	0	0	0	0	1,275	0	0	0	0	0	1,952
Other EHR-NY	0	0	64	0	0	0	0	0	0	0	195	0	0	0	0	0	259
Connecticut	352	0	477	587	0	0	0	0	0	0	0	0	5,871	0	0	0	7,286
Primary NJ	396	0	3,968	301	0	0	0	0	0	0	0	0	0	5,441	0	0	10,106
Other NJ	51	0	240	923	0	0	1,077	0	0	0	0	0	0	663	131	0	3,084
Other WHR (NY)	130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	130
Total	2,509	302	10,716	3,061	1,954	3,957	1,077	0	863	865	2,502	0	5,871	7,331	131	0	41,138

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	-	-	-	-	-
Other Manh	-	-	-	-	-	-	-
Other NYC	1,330	314	4,004	283	1,032	-	1,227
Long Island	5,986	936	1,763	1,445	-	-	-
Other NYS	727	-	145	-	1,470	-	-
CT	829	587	-	-	-	5,871	-
NJ	4,655	1,224	1,077	-	-	-	6,234

Discretionary Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	0	0	0	350	0	0	0	0	0	0	0	350
Valley	0	0	0	0	0	0	0	0	254	0	0	0	0	0	0	0	254
Midtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uptown	0	0	0	0	0	0	0	0	0	0	0	1,909	0	0	153	0	2,062
Bronx	0	0	0	0	2,460	0	0	0	0	0	0	0	0	0	0	0	2,460
Queens	2,148	0	334	142	0	329	0	0	0	0	0	0	0	3,670	0	0	6,623
Brooklyn	0	0	0	0	0	0	0	0	0	0	0	0	0	3,072	0	0	3,072
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassau	2,989	237	1,682	376	0	0	1,366	0	0	0	0	0	0	0	0	0	6,650
Suffolk	604	0	7,238	0	55	0	95	0	0	295	0	0	0	0	0	0	8,288
Westchester	2,210	0	1,913	266	1,016	0	0	0	0	0	953	0	0	0	0	0	6,359
Other EHR-NY	58	0	0	108	0	0	0	0	0	0	0	0	0	0	0	0	166
Connecticut	0	0	389	0	0	0	0	0	120	0	0	0	221	0	0	0	729
Primary NJ	914	0	684	700	0	0	0	0	0	61	581	0	0	902	0	0	3,841
Other NJ	712	0	698	0	0	0	0	0	0	70	0	0	0	0	0	0	1,480
Other WHR (NY)	266	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	266
Total	9,902	237	12,937	1,592	3,530	329	1,461	0	724	427	1,534	1,909	221	7,644	153	0	42,600

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	-	604	-	-	-
Other Manh	-	-	-	-	1,909	-	153
Other NYC	2,482	142	2,789	-	-	-	6,742
Long Island	12,750	376	1,516	295	-	-	-
Other NYS	4,448	374	1,016	-	953	-	-
CT	389	-	-	120	-	221	-
NJ	3,008	700	-	132	581	-	902

At-Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	615	0	0	0	308	0	0	0	0	0	0	923
Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Midtown	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0	50
Uptown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bronx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Queens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brooklyn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassau	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suffolk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westchester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut	204	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	204
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	204	0	0	0	0	615	0	0	0	308	50	0	0	0	0	0	1,177

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	615	308	50	-	-
Other Manh	-	-	-	-	-	-	-
Other NYC	-	-	-	-	-	-	-
Long Island	-	-	-	-	-	-	-
Other NYS	-	-	-	-	-	-	-
CT	204	-	-	-	-	-	-
NJ	-	-	-	-	-	-	-

RHTS2010 - Outbound Journeys **Subway + Bus**

Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	28,977	15,630	45,659	13,937	817	926	5,835	0	0	0	0	0	0	4,663	0	0	116,444
Valley	9,428	133	2,003	240	1,789	0	467	0	0	0	0	0	940	250	0	0	15,249
Midtown	6,080	4,250	16,241	3,131	1,120	100	209	0	0	0	0	0	0	0	0	0	31,131
Uptown	71,242	21,408	92,361	51,191	7,341	5,383	7,635	2,058	0	0	227	0	0	3,999	0	0	262,845
Bronx	37,492	9,003	39,088	40,688	59,072	13,487	17,062	0	0	0	574	0	0	860	0	0	217,327
Queens	67,424	38,922	94,138	35,073	6,477	85,244	29,908	127	2,247	0	187	0	0	4,951	0	0	364,697
Brooklyn	99,417	56,360	100,686	33,359	3,335	25,971	164,222	4,164	0	0	0	0	0	6,846	0	0	494,360
Staten Island	8,199	5,681	14,922	914	0	1,200	3,113	5,528	0	0	0	0	0	835	0	0	40,392
Nassau	1,068	2,128	3,267	1,179	0	3,822	119	0	4,565	0	0	0	0	0	0	0	16,148
Suffolk	0	119	1,369	0	0	0	0	0	0	2,374	0	0	0	0	0	0	3,862
Westchester	138	285	43	1,030	1,352	0	0	0	0	0	5,497	0	0	0	0	0	8,344
Other EHR-NY	0	0	151	151	50	134	0	0	0	0	1,192	444	0	0	0	0	2,123
Connecticut	0	0	0	582	0	0	0	0	0	0	0	0	10,462	0	0	0	11,044
Primary NJ	26,867	19,254	54,420	16,313	2,166	1,646	8,899	108	0	0	0	0	0	85,530	376	0	215,579
Other NJ	996	7,306	14,324	2,810	0	738	0	0	0	0	0	0	0	3,568	4,536	0	34,278
Other WHR (NY)	2,669	257	4,198	600	0	277	2,169	0	0	0	258	0	0	0	0	6,180	16,608
Total	359,997	180,736	482,871	201,197	83,518	138,929	239,637	11,984	6,812	2,374	7,933	444	11,401	111,503	4,911	6,180	1,850,430

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	128,401	17,307	11,262	-	-	940	4,914
Other Manh	185,011	51,191	22,417	-	227	-	3,999
Other NYC	571,334	110,035	418,908	2,247	760	-	13,492
Long Island	7,950	1,179	3,941	6,940	-	-	-
Other NYS	7,741	1,781	3,983	-	13,570	-	-
CT	-	582	-	-	-	10,462	-
NJ	123,168	19,123	13,557	-	-	-	94,009

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	5,048	81	47	2,187	0	0	143	0	0	0	0	0	0	0	0	0	7,506
Valley	0	369	0	0	0	0	0	0	0	0	0	0	0	0	0	0	369
Midtown	1,801	0	2,519	3,290	911	0	0	0	0	0	0	0	0	0	0	0	8,521
Uptown	5,191	698	1,213	34,027	2,959	205	0	0	0	0	0	0	0	0	0	0	44,293
Bronx	47	143	337	13,635	47,197	0	0	0	0	0	0	0	0	0	0	0	61,359
Queens	1,049	215	0	3,042	0	39,772	1,860	0	0	0	0	0	0	0	0	0	45,937
Brooklyn	1,925	2,787	1,513	13,040	0	6,251	88,562	0	0	0	0	0	0	0	0	0	114,077
Staten Island	0	1,118	0	4,414	0	0	47	6,891	0	0	0	0	0	0	0	0	12,469
Nassau	0	0	0	0	0	0	0	0	185	0	0	0	0	0	0	0	185
Suffolk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westchester	0	0	0	303	0	0	0	0	0	0	1,795	0	0	0	0	0	2,098
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	234	0	0	0	0	234
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	934	0	0	0	934
Primary NJ	184	991	0	0	0	0	0	0	0	0	0	0	0	13,289	0	0	14,464
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,653	0	1,653
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	7,651	0	0	0	0	0	7,651
Total	15,245	6,401	5,629	73,937	51,066	46,228	90,612	6,891	185	0	9,446	234	934	13,289	1,653	0	321,750

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	9,865	5,477	1,054	-	-	-	-
Other Manh	7,103	34,027	3,164	-	-	-	-
Other NYC	9,133	34,130	190,579	-	-	-	-
Long Island	-	-	-	185	-	-	-
Other NYS	-	303	-	-	9,680	-	-
CT	-	-	-	-	-	934	-
NJ	1,175	-	-	-	-	-	14,942

University Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	201	821	0	3,940	0	651	0	0	0	0	0	0	0	208	0	0	5,820
Valley	0	0	0	0	0	0	715	0	0	0	0	0	0	0	0	0	715
Midtown	424	80	0	1,033	0	0	0	0	0	0	0	0	0	0	0	0	1,537
Uptown	5,598	2,970	622	6,819	2,932	0	862	0	0	0	0	0	0	0	0	0	19,803
Bronx	7,811	373	251	6,446	10,576	1,886	342	0	0	0	0	0	0	0	0	0	27,685
Queens	8,857	422	1,893	8,692	0	14,887	5,533	0	0	0	0	0	0	0	0	0	40,284
Brooklyn	13,166	7,123	0	5,964	0	2,252	30,217	0	0	0	0	0	0	0	0	0	58,722
Staten Island	832	574	0	813	0	136	632	70	0	0	0	0	0	0	0	0	3,057
Nassau	0	0	0	811	0	0	0	0	1,174	0	0	0	0	0	0	0	1,985
Suffolk	0	0	0	0	0	0	0	0	0	4,084	0	0	0	0	0	0	4,084
Westchester	0	0	0	1,068	0	0	0	0	0	0	1,104	0	0	0	0	0	2,172
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	1,294	0	0	0	0	1,294
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	1,595	0	0	0	1,595
Primary NJ	1,300	1,822	0	171	0	0	823	0	0	0	0	0	0	8,016	0	0	12,133
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,170	0	1,170
Other WHR (NY)	0	0	0	53	0	0	0	0	0	0	0	0	0	0	0	1,054	1,107
Total	38,188	14,185	2,766	35,810	13,508	19,813	39,124	70	1,174	4,084	1,104	1,294	1,595	8,224	1,170	1,054	183,163

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	1,525	4,972	1,367	-	-	-	208
Other Manh	9,189	6,819	3,794	-	-	-	-
Other NYC	41,302	21,915	66,532	-	-	-	-
Long Island	-	811	-	5,257	-	-	-
Other NYS	-	1,121	-	-	3,452	-	-
CT	-	-	-	-	-	1,595	-
NJ	3,123	171	823	-	-	-	9,186

RHTS2010 - Outbound Journeys **Subway + Bus**

Maintenance Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	23,605	247	6,358	3,610	51	0	1,806	0	0	0	0	0	0	0	0	0	35,677
Valley	2,681	224	94	914	0	0	0	0	0	0	0	0	0	98	0	0	4,012
Midtown	7,107	163	3,143	8,512	0	0	0	0	0	0	0	0	0	0	0	0	18,925
Uptown	19,804	492	9,596	60,271	2,576	3,049	1,648	0	0	0	0	0	0	812	0	0	98,248
Bronx	12,699	1,500	7,760	30,915	52,862	8,255	3,532	0	0	0	3,502	0	0	433	0	0	121,458
Queens	20,491	634	10,728	3,950	94	81,535	600	0	2,838	0	0	0	0	0	0	0	120,870
Brooklyn	27,995	8,998	9,836	29,927	4,606	15,094	125,135	0	0	0	0	0	0	0	0	0	221,591
Staten Island	5,570	62	1,078	572	0	208	241	12,105	0	0	0	0	0	0	0	0	19,835
Nassau	0	0	0	0	0	0	0	0	8,816	0	0	0	0	0	0	0	8,816
Suffolk	0	0	0	0	0	0	0	0	0	4,866	0	0	0	0	0	0	4,866
Westchester	0	0	199	51	406	0	0	0	0	0	9,566	0	0	0	0	0	10,222
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	1,748	0	0	0	0	1,748
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	13,809	0	0	0	13,809
Primary NJ	4,200	4,035	7,694	1,616	1,137	1,281	0	0	0	0	82	0	0	78,898	165	0	99,109
Other NJ	0	0	0	0	0	79	0	0	0	0	0	0	0	0	6,397	858	7,334
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,425	3,425
Total	124,150	16,354	56,488	140,338	61,732	109,502	132,963	12,105	11,654	4,866	13,151	1,748	13,809	80,241	6,562	4,283	789,944

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	43,622	13,037	1,857	-	-	-	98
Other Manh	29,891	60,271	7,273	-	-	-	812
Other NYC	107,350	65,363	304,267	2,838	3,502	-	433
Long Island	-	-	-	13,681	-	-	-
Other NYS	199	51	406	-	14,738	-	-
CT	-	-	-	-	-	13,809	-
NJ	15,929	1,616	2,497	-	940	-	85,460

Discretionary Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	10,279	850	4,133	3,002	4,866	2,214	471	0	0	0	0	0	0	63	0	0	25,877
Valley	501	0	446	434	211	0	805	0	0	0	0	0	0	0	0	0	2,397
Midtown	3,071	0	2,122	3,713	0	0	664	0	0	0	0	0	0	333	0	0	9,903
Uptown	12,836	2,656	10,076	38,710	10,731	3,573	3,739	223	0	0	0	1,695	0	1,662	0	0	85,901
Bronx	7,481	5,283	3,567	15,401	48,091	668	1,277	98	0	0	1,039	0	0	149	0	0	83,056
Queens	10,639	0	9,354	6,717	0	71,122	4,259	0	544	0	0	0	0	0	0	0	102,634
Brooklyn	13,490	0	5,300	4,445	1,860	1,651	66,972	0	0	0	0	0	0	2,761	0	0	96,478
Staten Island	657	172	0	507	0	0	200	2,743	0	0	0	0	0	0	0	0	4,279
Nassau	411	0	165	0	0	0	152	0	359	0	0	0	0	0	0	0	1,087
Suffolk	0	0	0	0	0	0	0	0	0	3,295	0	0	0	0	0	0	3,295
Westchester	0	0	0	187	293	0	662	0	0	0	11,503	0	0	0	0	0	12,645
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	656	0	0	0	0	656
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	7,104	0	0	0	7,104
Primary NJ	6,711	5,320	5,054	5,413	0	0	0	0	0	63	0	0	0	24,571	64	0	47,196
Other NJ	1,369	191	111	331	0	0	0	0	0	0	0	0	0	804	11,882	0	14,688
Other WHR (NY)	356	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,681	4,037
Total	67,802	14,473	40,328	78,860	66,052	79,228	79,201	3,064	902	3,358	12,542	2,351	7,104	30,344	11,945	3,681	501,235

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	21,402	7,149	9,231	-	-	-	396
Other Manh	25,568	38,710	18,267	-	1,695	-	1,662
Other NYC	55,944	27,070	198,941	544	1,039	-	2,910
Long Island	576	-	152	3,654	-	-	-
Other NYS	356	187	955	-	15,839	-	-
CT	-	-	-	-	-	7,104	-
NJ	18,756	5,744	-	63	-	-	37,321

At-Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	797	995	2,235	3,366	573	0	562	0	0	0	0	0	0	128	0	0	8,656
Valley	13,459	48	1,411	949	311	43	345	0	0	0	0	0	0	0	0	0	16,566
Midtown	3,480	1,648	6,400	1,502	0	0	148	0	0	0	0	0	0	0	0	0	13,179
Uptown	1,703	0	1,380	2,695	0	0	583	0	0	0	0	0	0	0	0	0	6,361
Bronx	0	0	0	0	526	0	0	0	0	0	0	0	0	0	0	0	526
Queens	311	0	925	0	0	0	138	0	0	0	0	0	0	0	0	0	1,374
Brooklyn	1,214	112	0	0	0	0	7,972	0	0	0	0	0	0	0	0	0	9,298
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassau	0	0	0	0	0	0	0	0	941	0	0	0	0	0	0	0	941
Suffolk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westchester	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	100
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary NJ	0	0	179	0	0	0	0	0	0	0	0	0	0	2,425	0	0	2,604
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	20,964	2,804	12,530	8,512	1,409	43	9,747	0	941	0	0	0	0	2,652	0	0	59,603

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	30,474	5,818	1,982	-	-	-	128
Other Manh	3,083	2,695	583	-	-	-	-
Other NYC	2,562	-	8,635	-	-	-	-
Long Island	-	-	-	941	-	-	-
Other NYS	-	-	-	-	-	-	100
CT	-	-	-	-	-	-	-
NJ	179	-	-	-	-	-	2,425

RHTS2010 - Outbound Journeys **Non-Motorized**

Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	44,185	4,308	10,401	1,666	0	0	183	0	0	0	0	0	0	0	0	0	60,744
Valley	0	4,973	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,973
Midtown	5,167	0	15,092	0	0	0	0	0	0	0	0	0	0	0	0	0	20,259
Uptown	3,183	0	5,031	28,103	1,032	0	0	0	0	0	0	0	0	0	0	0	37,349
Bronx	0	0	0	1,187	30,555	2,151	0	0	0	0	874	0	0	0	0	0	34,766
Queens	1,287	0	2,610	0	0	36,474	0	0	0	0	0	0	0	0	0	0	40,371
Brooklyn	696	459	2,437	0	0	804	57,564	0	0	0	0	0	0	0	0	0	61,959
Staten Island	0	0	0	0	0	0	0	519	0	0	0	0	0	0	0	0	519
Nassau	0	0	0	0	0	0	0	0	8,892	0	0	0	0	0	0	0	8,892
Suffolk	0	0	0	0	0	0	0	0	0	3,324	0	0	0	0	0	0	3,324
Westchester	0	0	0	0	0	0	0	0	0	0	7,501	0	0	0	0	0	7,501
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	1,466	0	0	0	0	1,466
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	15,892	0	0	0	15,892
Primary NJ	0	0	0	152	0	0	0	0	0	0	0	0	0	30,379	0	0	30,531
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	180	9,361	0	9,541
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,966	2,966
Total	54,518	9,740	35,570	31,108	31,587	39,429	57,747	519	8,892	3,324	8,375	1,466	15,892	30,559	9,361	2,966	341,054

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	84,127	1,666	183	-	-	-	-
Other Manh	8,213	28,103	1,032	-	-	-	-
Other NYC	7,488	1,187	128,066	-	874	-	-
Long Island	-	-	-	12,216	-	-	-
Other NYS	-	-	-	-	11,934	-	-
CT	-	-	-	-	-	15,892	-
NJ	-	152	-	-	-	-	39,920

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	12,816	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,816
Valley	1,048	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,096
Midtown	645	0	919	0	0	0	0	0	0	0	0	0	0	0	0	0	1,564
Uptown	0	0	2,691	20,757	0	0	0	0	0	0	0	0	0	0	0	0	23,447
Bronx	0	0	0	0	77,798	0	0	0	0	0	0	0	0	0	0	0	77,798
Queens	0	0	0	0	0	70,761	0	0	0	0	0	0	0	0	0	0	70,761
Brooklyn	0	0	0	0	0	0	127,150	0	0	0	0	0	0	0	0	0	127,150
Staten Island	0	0	0	0	0	0	0	7,213	0	0	0	0	0	0	0	0	7,213
Nassau	0	0	0	0	0	0	0	0	21,770	0	0	0	0	0	0	0	21,770
Suffolk	0	0	0	0	0	0	0	0	0	11,592	0	0	0	0	0	0	11,592
Westchester	0	0	0	0	0	0	0	0	0	0	16,232	0	0	0	0	0	16,232
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	1,768	0	0	0	0	1,768
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	5,599	0	0	0	5,599
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	148,506	0	0	148,506
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,516	0	14,516
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,549	7,549
Total	14,509	48	3,609	20,757	77,798	70,761	127,150	7,213	21,770	11,592	16,232	1,768	5,599	148,506	14,516	7,549	549,377

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	15,475	-	-	-	-	-	-
Other Manh	2,691	20,757	-	-	-	-	-
Other NYC	-	-	282,922	-	-	-	-
Long Island	-	-	-	33,362	-	-	-
Other NYS	-	-	-	-	25,549	-	-
CT	-	-	-	-	-	5,599	-
NJ	-	-	-	-	-	-	163,022

University Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	2,435	1,099	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,534
Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Midtown	980	0	961	0	0	0	0	0	0	0	0	0	0	0	0	0	1,941
Uptown	0	0	0	3,448	0	0	0	0	0	0	0	0	0	0	0	0	3,448
Bronx	0	0	0	0	6,701	0	0	0	0	0	0	0	0	0	0	0	6,701
Queens	0	0	0	0	0	8,580	0	0	0	0	0	0	0	0	0	0	8,580
Brooklyn	0	0	0	0	0	0	17,064	0	0	0	0	0	0	0	0	0	17,064
Staten Island	0	0	0	0	0	0	0	1,622	0	0	0	0	0	0	0	0	1,622
Nassau	0	0	0	0	0	0	0	0	335	0	0	0	0	0	0	0	335
Suffolk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westchester	0	0	0	0	0	0	0	0	0	0	200	0	0	0	0	0	200
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	1,788	0	0	0	1,788
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	2,520	0	0	2,520
Other NJ	221	0	0	0	0	0	0	0	0	0	0	0	0	0	3,155	0	3,377
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,950	1,950
Total	3,637	1,099	961	3,448	6,701	8,580	17,064	1,622	335	0	200	0	1,788	2,520	3,155	1,950	53,062

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	5,475	-	-	-	-	-	-
Other Manh	-	3,448	-	-	-	-	-
Other NYC	-	-	33,968	-	-	-	-
Long Island	-	-	-	335	-	-	-
Other NYS	-	-	-	-	2,150	-	-
CT	-	-	-	-	-	1,788	-
NJ	221	-	-	-	-	-	5,676

RHTS2010 - Outbound Journeys **Non-Motorized**

Maintenance Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	79,973	658	1,724	0	0	0	139	0	0	0	0	0	0	0	0	0	82,494
Valley	483	2,603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,085
Midtown	5,578	0	36,042	8,631	0	0	0	0	0	0	0	0	0	0	0	0	50,252
Uptown	0	0	3,010	179,571	640	745	0	0	0	0	0	0	0	0	0	0	183,966
Bronx	0	0	0	1,128	200,170	0	0	0	0	0	0	0	0	0	0	0	201,298
Queens	0	0	592	3,600	0	233,049	0	0	1,655	0	0	0	0	0	0	0	238,896
Brooklyn	0	0	0	0	0	0	330,212	0	0	0	0	0	0	185	0	0	330,396
Staten Island	0	0	0	0	0	0	0	16,393	0	0	0	0	0	0	0	0	16,393
Nassau	0	0	0	0	0	730	0	0	31,140	0	0	0	0	0	0	0	31,870
Suffolk	0	0	0	0	0	0	0	0	0	14,681	0	0	0	0	0	0	14,681
Westchester	0	0	0	0	130	0	0	0	0	0	31,729	0	0	0	0	0	31,859
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	13,430	0	0	0	0	13,430
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	44,820	0	0	0	44,820
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	220,098	0	0	220,098
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	100	42,413	0	42,513
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	229	8,721	8,950
Total	86,034	3,261	41,369	192,930	200,940	234,524	330,350	16,393	32,795	14,681	31,729	13,430	44,820	220,383	42,642	8,721	1,515,000

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	127,061	8,631	139	-	-	-	-
Other Manh	3,010	179,571	1,385	-	-	-	-
Other NYC	592	4,728	779,824	1,655	-	-	185
Long Island	-	-	730	45,821	-	-	-
Other NYS	-	-	130	-	53,879	-	229
CT	-	-	-	-	-	44,820	-
NJ	-	-	-	-	-	-	262,611

Discretionary Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	102,568	2,664	7,122	776	0	0	4,531	0	0	0	0	0	0	0	0	0	117,662
Valley	0	68	286	0	0	0	0	0	0	0	0	0	0	0	0	0	354
Midtown	3,380	0	37,272	1,255	0	0	0	0	0	0	0	0	0	0	0	0	41,907
Uptown	0	0	3,866	120,147	0	0	0	0	0	0	0	0	0	0	0	123	124,136
Bronx	0	0	0	0	68,909	0	0	0	0	0	0	0	0	0	0	0	68,909
Queens	0	0	0	0	0	134,869	7,843	0	1,076	0	0	0	0	0	0	0	143,788
Brooklyn	0	0	0	0	0	0	266,946	0	0	0	0	0	0	0	0	0	266,946
Staten Island	0	0	0	0	0	0	0	17,808	0	0	0	0	0	0	0	0	17,808
Nassau	0	0	0	0	0	0	0	0	28,271	0	0	0	0	0	0	0	28,271
Suffolk	0	0	0	0	0	0	0	0	0	57,247	0	0	0	0	0	0	57,247
Westchester	0	0	0	0	61	0	0	0	0	0	21,947	0	0	0	0	0	22,008
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	6,690	0	0	0	0	6,690
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	25,662	0	0	0	25,662
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	170,422	403	3,643	174,467
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64,883	0	64,883
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27,291	27,291
Total	105,949	2,732	48,546	122,178	68,970	134,869	279,320	17,808	29,347	57,247	21,947	6,690	25,662	170,422	65,286	31,057	1,188,031

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	153,362	2,031	4,531	-	-	-	-
Other Manh	3,866	120,147	-	-	123	-	-
Other NYC	-	-	496,375	1,076	-	-	-
Long Island	-	-	-	85,518	-	-	-
Other NYS	-	-	61	-	55,929	-	-
CT	-	-	-	-	-	25,662	-
NJ	-	-	-	-	3,643	-	235,708

At-Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	64,333	2,075	7,015	0	0	0	0	0	0	0	0	0	0	0	0	0	73,423
Valley	1,075	26,879	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27,955
Midtown	4,631	0	92,558	2,268	0	0	0	0	0	0	0	0	0	0	0	0	99,457
Uptown	0	0	907	16,409	0	0	0	0	0	0	0	0	0	0	0	0	17,316
Bronx	0	0	0	0	10,018	0	0	0	0	0	0	0	0	0	0	0	10,018
Queens	0	0	0	0	0	16,687	0	0	0	0	0	0	0	0	0	0	16,687
Brooklyn	0	0	0	0	0	0	32,791	0	0	0	0	0	0	0	0	0	32,791
Staten Island	0	0	0	0	0	0	0	1,619	0	0	0	0	0	0	0	0	1,619
Nassau	0	0	0	0	0	0	0	0	2,994	0	0	0	0	0	0	0	2,994
Suffolk	0	0	0	0	0	0	0	0	0	1,524	0	0	0	0	0	0	1,524
Westchester	0	0	0	0	0	0	0	0	0	0	9,885	0	0	0	0	0	9,885
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	282	0	0	0	0	282
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	8,717	0	0	0	8,717
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	27,408	0	0	27,408
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,246	0	5,246
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	660	660
Total	70,039	28,955	100,481	18,677	10,018	16,687	32,791	1,619	2,994	1,524	9,885	282	8,717	27,408	5,246	660	335,982

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	198,567	2,268	-	-	-	-	-
Other Manh	907	16,409	-	-	-	-	-
Other NYC	-	-	61,115	-	-	-	-
Long Island	-	-	-	4,518	-	-	-
Other NYS	-	-	-	-	10,826	-	-
CT	-	-	-	-	-	8,717	-
NJ	-	-	-	-	-	-	32,654

RHTS2010 - Outbound Journeys

School Bus

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	308	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	308
Valley	144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	144
Midtown	557	0	0	2,453	0	0	0	0	0	0	0	0	0	0	0	0	3,010
Uptown	1,503	0	0	10,918	579	0	176	0	0	0	0	0	0	0	0	0	13,175
Bronx	0	0	0	254	32,877	1,776	0	0	0	0	48	0	0	608	0	0	35,564
Queens	0	0	0	0	3,964	53,810	309	0	7,927	0	0	0	0	0	0	0	66,010
Brooklyn	0	0	0	548	0	0	90,456	146	0	0	0	0	0	0	0	0	91,150
Staten Island	0	0	0	0	0	0	4,771	12,273	0	0	0	0	0	0	0	0	17,044
Nassau	0	0	0	0	0	6,774	0	0	102,495	1,222	0	0	0	0	0	0	110,491
Suffolk	0	0	0	979	0	0	0	0	525	172,193	0	0	0	0	0	0	173,697
Westchester	0	199	0	115	0	0	0	0	0	0	64,054	3,102	309	263	0	133	68,174
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	1,124	45,166	0	0	0	0	46,290
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	150,439	0	0	0	150,439
Primary NJ	0	0	0	591	390	0	0	0	0	0	0	0	0	164,452	3,178	0	168,611
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	3,282	222,156	0	225,437
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	105	0	410	0	84,739	85,254
Total	2,512	199	0	15,858	37,810	62,360	95,711	12,419	110,947	173,416	65,226	48,373	150,748	169,014	225,333	84,872	1,254,799

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	1,009	2,453	-	-	-	-	-
Other Manh	1,503	10,918	754	-	-	-	-
Other NYC	-	802	200,382	7,927	48	-	608
Long Island	-	979	6,774	276,436	-	-	-
Other NYS	199	115	-	-	198,422	309	672
CT	-	-	-	-	-	150,439	-
NJ	-	591	390	-	-	-	393,067

NYBPM2010 - Outbound Journeys

All Modes

(including School Bus for School Purpose Only)

Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	113,455	24,284	40,488	6,231	298	307	1,132	1	726	11	2	16	56	2,198	436	544	190,185
Valley	3,700	10,950	2,066	237	1,343	37	114	1	8	2	30	0	611	490	47	0	19,636
Midtown	10,415	7,505	39,767	4,437	543	127	128	1	615	19	4	14	59	1,198	140	2	64,974
Uptown	51,480	43,669	170,936	57,401	5,075	7,949	365	54	505	152	329	71	3,712	3,770	1,482	1,510	348,460
Bronx	16,151	28,634	86,584	126,649	85,290	8,693	2,187	171	6,339	4,191	7,534	48	9,552	6,973	1,022	775	390,793
Queens	315,353	4,309	63,072	19,278	50,326	380,527	6,813	225	12,377	1,168	2,416	7	166	1,554	159	89	857,839
Brooklyn	9,880	21,400	58,056	51,471	107,802	40,359	469,187	15,354	38,163	997	1,221	9	52	7,834	1,478	159	823,422
Staten Island	5,005	7,333	9,112	467	229	5,674	20,311	66,301	11,011	57	27	0	0	15,056	4,433	23	145,039
Nassau	2,293	5,619	118,834	22,298	1,966	36,682	46,363	257	165,110	59,379	539	0	1,286	8,454	2,579	1,638	473,297
Suffolk	128	2,584	755	840	94	10,109	3,460	124	158,900	445,048	686	0	3	1,521	234	148	624,634
Westchester	4,627	7,193	25,070	14,409	17,910	2,403	1,503	5	487	1	242,913	6,119	21,499	1,415	1	9,523	355,078
Other EHR-NY	454	1,004	2,357	570	2,601	8,745	303	0	99	598	25,547	90,808	6,569	480	47	17,070	157,252
Connecticut	6,391	5,745	9,939	1,338	5,735	24,872	2,282	0	11,559	0	11,485	3,016	584,188	7,538	114	2,263	676,465
Primary NJ	29,310	57,815	57,785	7,929	12,124	10,094	5,540	3,391	7,686	178	4,165	11	2,083	1,202,018	149,283	2,437	1,551,849
Other NJ	13,410	28,161	23,666	3,364	726	326	1,719	6,044	1,659	6	128	2	70	136,332	739,527	1,011	956,151
Other WHR (NY)	2,628	2,662	22,405	1,709	1,174	1,172	366	2	3,051	2	7,475	10,734	1,637	27,827	7,530	143,935	234,309
Total	584,680	258,867	730,892	318,628	293,236	538,076	561,773	91,931	418,295	511,809	304,501	110,855	631,543	1,424,658	908,512	181,127	7,869,383

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	252,630	10,905	4,032	1,381	612	726	4,509
Other Manh	266,085	57,401	13,443	657	1,910	3,712	5,252
Other NYC	624,889	197,865	1,259,449	74,303	12,308	9,770	38,509
Long Island	130,213	23,138	99,055	828,437	3,011	1,289	12,788
Other NYS	68,400	16,688	36,184	4,238	554,124	29,705	37,300
CT	22,075	1,338	32,889	11,559	16,764	584,188	7,652
NJ	210,147	11,293	39,964	9,529	7,754	2,153	2,227,160

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	12,269	1,507	166	2,736	183	53	83	18	133	0	18	0	0	686	7	31	17,890
Valley	684	372	37	184	14	3	37	2	5	0	84	0	0	33	0	1	1,456
Midtown	2,561	11	4,011	5,113	813	16	85	1	49	0	15	0	0	256	3	18	12,952
Uptown	7,194	315	3,517	57,577	4,657	362	571	66	429	1	128	1	92	3,605	18	3	78,536
Bronx	24	127	260	21,196	177,998	606	2,315	39	403	0	794	0	10	2	0	0	203,774
Queens	526	212	410	4,827	2,007	243,840	1,261	268	2,168	0	23	0	6	1,732	0	0	257,280
Brooklyn	1,265	3,079	1,195	15,318	1,430	6,829	317,867	335	150	1	1	0	0	9	0	0	347,479
Staten Island	40	1,073	4	4,353	15	36	1,808	39,786	32	0	0	0	0	100	2	0	47,249
Nassau	11	0	5	294	257	2,561	130	0	145,685	1,519	2	0	0	146	0	0	150,610
Suffolk	0	5	0	737	12	74	172	0	1,123	176,342	0	0	0	2	0	0	178,467
Westchester	24	19	12	1,842	4,860	328	1,301	0	541	0	118,174	4,659	395	2,013	0	3,645	137,813
Other EHR-NY	1	0	0	0	20	7	323	0	119	0	3,783	31,752	1,648	12	0	2,719	40,384
Connecticut	3	0	1	8	185	23	904	0	518	0	1,318	194	154,728	1,216	1	1	159,100
Primary NJ	2,846	332	833	920	2,734	1,148	5,103	3,330	363	0	1,120	0	1,182	356,727	49,904	5,740	432,282
Other NJ	42	12	15	4	170	440	3,270	136	93	0	1	0	15	55,011	200,890	711	260,810
Other WHR (NY)	0	0	0	15	102	16	563	0	320	0	10,330	80	45	2,147	12	63,532	77,162
Total	27,490	7,064	10,466	115,124	195,457	256,342	335,793	43,981	152,131	177,863	135,791	36,686	158,121	423,697	250,837	76,401	2,403,244

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	21,618	8,033	1,308	187	167	-	985
Other Manh	11,026	57,577	5,656	430	132	92	3,623
Other NYC	8,215	45,694	796,440	2,754	818	16	1,845
Long Island	21	1,031	3,206	324,669	2	-	148
Other NYS	56	1,857	7,520	980	238,674	2,088	4,184
CT	4	8	1,112	518	1,513	154,728	1,217
NJ	4,080	924	16,331	456	7,572	1,197	662,532

University Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	2,008	506	32	3,596	31	317	1,860	4	83	0	162	1	18	502	42	1	9,163
Valley	199	37	5	132	7	4	532	2	8	0	14	0	5	85	0	0	1,030
Midtown	505	89	124	2,202	45	148	27	0	60	0	171	0	5	127	21	0	3,524
Uptown	2,605	1,398	240	17,113	2,477	289	2,969	15	529	0	1,055	0	68	206	32	35	29,031
Bronx	7,092	1,952	316	7,600	16,447	3,132	756	2	874	6	1,391	10	125	122	43	101	39,969
Queens	12,370	3,171	2,115	5,588	87	39,795	7,155	21	7,360	309	29	16	157	616	275	21	79,085
Brooklyn	12,230	9,392	137	2,864	1,689	7,542	58,990	2,000	3,420	1,491	2	13	162	805	444	22	101,203
Staten Island	1,035	680	0	773	0	294	1,827	3,843	12	0	0	0	16	317	55	0	8,852
Nassau	366	53	153	2,805	39	2,413	3,420	17	20,712	1,031	0	13	83	2	67	12	31,186
Suffolk	30	1	7	439	4	241	10	0	6,503	31,992	0	9	146	10	77	3	39,472
Westchester	1,298	0	4,204	5,827	2,052	61	6	0	5	0	5,789	68	71	48	18	1,340	20,787
Other EHR-NY	1	0	0	2	1	0	0	0	0	0	380	4,790	113	0	0	1	5,288
Connecticut	2	0	2	21	27	2	0	0	0	0	212	1	35,666	0	0	2	35,935
Primary NJ	6,081	447	710	1,016	1,367	228	297	346	3	0	165	32	84	62,920	1,275	1,075	76,046
Other NJ	44	4	1	1	0	0	0	36	0	0	0	6	41	4,282	45,444	270	50,129
Other WHR (NY)	552	5	36	11	168	3	2	0	0	0	828	121	0	3,399	351	19,520	24,996
Total	46,418	17,735	8,082	49,990	24,441	54,469	77,851	6,286	39,569	34,829	10,198	5,080	36,760	73,441	48,144	22,403	555,696

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	3,505	5,930	2,977	151	349	28	777
Other Manh	4,243	17,113	5,750	529	1,090	68	238
Other NYC	50,490	16,825	143,580	13,472	1,605	460	2,677
Long Island	610	3,244	6,144	60,238	37	229	156
Other NYS	6,096	5,840	2,293	5	32,837	184	3,816
CT	4	21	29	-	215	35,666	-
NJ	7,287	1,017	2,274	3	1,548	125	113,921

NYBPM2010 - Outbound Journeys

All Modes

(including School Bus for School Purpose Only)

Maintenance Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	105,688	9,257	9,425	3,769	70	999	2,288	59	1,131	1	50	0	23	453	22	0	133,235
Valley	2,432	5,350	554	886	1,239	646	2,312	0	0	0	0	0	2	13	0	0	13,434
Midtown	12,353	450	35,324	23,924	77	472	1,628	34	11	3	16	0	41	151	5	0	74,489
Uptown	25,609	862	16,279	261,050	7,868	6,100	1,383	72	723	493	7,141	35	6	1,999	460	0	330,080
Bronx	12,604	2,516	9,736	54,890	399,418	14,582	4,946	21	437	159	26,067	91	124	248	83	3,712	529,634
Queens	52,980	739	25,882	7,105	2,062	628,605	14,619	376	48,975	7,245	2,598	2	3	727	23	2,419	794,360
Brooklyn	16,724	4,065	8,361	35,477	6,116	33,041	725,075	1,269	6,942	1,021	197	2	4	1,486	84	923	840,787
Staten Island	6,916	1,574	2,027	6,459	1	8,811	1,023	190,587	3	0	0	0	0	6,741	484	0	224,626
Nassau	1,703	323	5,008	1,497	441	23,437	1,695	200	543,933	21,007	12	0	5	1,193	340	1,367	602,161
Suffolk	475	91	4,035	680	183	4,744	13,156	24	34,651	778,440	5	0	0	90	3	198	836,775
Westchester	1,534	141	1,305	4,729	12,960	455	1,363	0	178	0	465,387	3,199	7,708	138	0	3,887	502,984
Other EHR-NY	0	3	0	0	0	0	0	0	0	0	14,114	183,782	8,289	1	0	1,066	207,255
Connecticut	237	25	577	575	12	0	0	0	0	0	88	128	895,687	4	0	23	897,356
Primary NJ	3,607	926	3,313	3,476	334	2,047	3,765	1,941	520	10	96	1	359	1,762,721	39,848	8,337	1,831,301
Other NJ	889	219	1,364	389	8	556	576	1,024	168	1	27	2	3	22,837	1,138,298	1,946	1,168,307
Other WHR (NY)	271	95	164	2,629	7	33	9	7	0	0	0	5	1	15,162	1,192	222,882	242,457
Total	244,022	26,636	123,354	407,535	430,796	724,528	773,838	195,614	637,672	808,380	515,798	187,247	912,255	1,813,964	1,180,842	246,760	9,229,241

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	180,833	28,579	9,824	1,146	66	66	644
Other Manh	42,750	261,050	15,423	1,216	7,176	6	2,459
Other NYC	144,124	103,931	2,030,552	64,782	36,011	131	9,876
Long Island	11,635	2,177	43,880	1,378,031	1,582	5	1,626
Other NYS	3,513	7,358	14,834	178	894,322	15,998	16,493
CT	839	575	12	-	239	895,687	4
NJ	10,318	3,865	10,251	699	10,409	362	2,963,704

Discretionary Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	105,217	5,476	15,663	4,749	6,117	2,757	7,989	40	636	10	1,708	20	5	1,051	116	119	151,673
Valley	342	1,646	555	392	104	0	391	0	91	0	1	0	0	0	0	0	3,522
Midtown	7,516	547	33,545	6,595	479	465	1,305	7	82	3	1,302	13	6	512	38	1	52,416
Uptown	20,282	3,142	19,427	173,274	17,772	10,510	5,784	434	27	1	4,356	5,762	6	1,099	339	0	262,215
Bronx	8,287	6,655	4,866	20,702	150,341	710	1,444	851	235	92	3,692	66	94	1,503	1,191	13,232	213,961
Queens	14,585	999	9,640	17,601	337	369,525	40,238	124	43,485	1,381	227	2	38	866	60	5,669	504,777
Brooklyn	35,520	1,478	5,880	10,351	2,499	14,279	461,781	4,386	4,715	12,531	179	4	8	1,363	91	1,785	556,850
Staten Island	933	237	274	3,048	2	16	3,596	82,361	3	0	0	0	0	5,154	740	2	96,366
Nassau	8,657	2,057	6,628	1,309	75	20,775	2,484	226	341,812	29,327	381	0	8	53	16	31	413,839
Suffolk	4,999	55	9,786	8,722	2,170	1,926	1,470	28	30,548	542,640	924	0	0	7	0	8	603,283
Westchester	4,053	215	3,895	4,555	2,963	874	1,433	0	2,978	0	136,852	143	3,237	3	0	99	161,300
Other EHR-NY	0	80	787	2	0	0	0	0	0	0	7,897	66,363	2,395	0	0	939	78,463
Connecticut	0	18	39	0	1,886	2	1	0	0	0	14,495	3,237	461,825	349	0	57	481,909
Primary NJ	3,286	553	3,631	4,596	988	519	4,663	506	944	32	1,520	7	123	1,102,002	32,943	11,304	1,167,617
Other NJ	1,293	234	2,720	874	23	343	1,705	488	700	29	744	34	2	35,472	777,600	1,712	823,973
Other WHR (NY)	2,363	170	1,026	1,270	2,436	1,194	8,463	3	1	0	1	0	5	16,799	2,484	197,909	234,124
Total	217,333	23,562	118,362	258,040	188,192	423,895	542,747	89,454	426,257	586,046	174,279	75,651	467,752	1,166,233	815,618	232,867	5,806,288

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	170,507	11,736	19,654	822	3,164	11	1,717
Other Manh	42,851	173,274	34,500	28	10,118	6	1,438
Other NYC	89,354	51,702	1,132,490	62,442	24,858	140	10,968
Long Island	32,182	10,031	29,154	944,327	1,344	8	76
Other NYS	12,589	5,827	17,366	2,979	410,203	5,637	19,286
CT	57	-	1,889	-	17,789	461,825	349
NJ	11,717	5,470	9,235	1,705	15,321	125	1,948,017

At-Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	49,587	3,931	9,060	1,768	46	97	172	0	25	73	3	0	0	76	2	0	64,840
Valley	11,176	15,960	1,041	493	19	3	87	0	5	1	4	0	0	22	1	0	28,812
Midtown	6,550	1,266	70,163	2,623	4	165	22	0	37	1	14	0	0	32	1	0	80,878
Uptown	1,688	648	4,630	26,863	217	63	302	6	57	7	187	0	7	1,020	35	3	35,733
Bronx	989	343	1,696	4,181	15,781	1,074	1,211	11	82	1	444	7	172	5,444	496	56	31,988
Queens	1,260	111	1,778	514	4,196	42,291	3,866	531	849	57	72	0	79	2,764	227	33	58,628
Brooklyn	1,364	1,253	482	246	19	384	58,131	61	105	1	7	0	2	327	31	4	62,417
Staten Island	59	57	56	17	1	53	494	7,190	1	0	3	0	0	1,239	381	6	9,557
Nassau	268	14	73	19	2	246	573	0	39,576	3,359	52	0	48	1,134	154	1	45,519
Suffolk	1	2	8	3	0	232	24	0	2,715	52,285	1	0	13	201	32	0	55,517
Westchester	17	9	19	121	66	6	27	2	73	12	31,140	48	320	914	128	93	32,995
Other EHR-NY	2	2	2	10	6	3	5	0	12	4	1,073	10,404	126	232	53	74	12,008
Connecticut	309	15	38	18	21	26	6	0	19	2	953	20	67,761	96	6	19	69,309
Primary NJ	2,255	1,679	2,285	131	37	146	398	260	467	97	331	3	595	135,578	8,228	1,380	153,870
Other NJ	59	25	108	9	3	17	47	45	49	13	23	0	50	6,150	91,048	140	97,786
Other WHR (NY)	15	6	22	51	12	8	1	3	10	0	1,449	276	34	3,461	1,035	13,307	19,690
Total	75,599	25,321	91,461	37,067	20,430	44,814	65,366	8,109	44,082	55,913	35,756	10,758	69,207	158,690	101,858	15,116	859,547

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	168,734	4,884	615	142	21	-	134
Other Manh	6,966	26,863	588	64	190	7	1,055
Other NYC	9,448	4,958	135,294	1,096	632	253	10,909
Long Island	366	22	1,077	97,935	54	61	1,521
Other NYS	94	182	139	111	57,864	480	5,823
CT	362	18	53	21	992	67,761	102
NJ	6,411	140	953	626	1,877	645	241,004

NYBPM2010 - Outbound Journeys

Auto and Taxi Trips

Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	23,219	1,826	4,026	974	72	175	173	1	524	9	1	10	23	932	364	489	32,818
Valley	297	5,335	164	26	521	15	21	1	6	2	14	0	226	92	36	0	6,756
Midtown	948	639	6,712	332	240	2	70	0	447	12	2	6	21	354	116	1	9,902
Uptown	9,722	6,193	26,040	4,046	2,363	4,637	211	32	462	119	187	37	2,769	2,469	1,258	1,424	61,969
Bronx	2,058	4,708	8,346	29,747	38,607	5,980	1,431	13	6,035	4,094	6,896	43	8,243	6,701	1,019	775	124,696
Queens	89,591	427	8,456	3,556	32,984	212,315	3,282	5	11,384	1,121	2,285	7	118	1,382	157	88	367,158
Brooklyn	1,186	1,569	5,856	9,462	56,513	21,958	210,606	6,204	35,752	957	1,017	8	39	7,003	1,462	159	359,751
Staten Island	1,398	1,994	916	281	216	5,464	18,992	55,970	10,853	55	23	0	0	13,911	4,433	23	114,529
Nassau	375	1,070	15,216	12,595	1,370	33,699	41,640	248	152,372	58,931	529	0	1,260	8,454	2,579	1,638	331,976
Suffolk	5	190	39	157	83	8,443	2,530	105	156,105	430,958	643	0	1	1,521	234	148	601,162
Westchester	865	1,317	5,782	7,024	14,315	1,233	1,093	5	369	1	186,736	5,887	17,574	1,413	1	9,520	253,135
Other EHR-NY	7	90	100	126	1,938	6,952	212	0	99	598	24,019	86,638	6,436	480	47	17,070	144,812
Connecticut	974	460	1,376	713	5,094	18,781	1,615	0	11,474	0	11,156	3,015	558,784	7,538	114	2,263	623,357
Primary NJ	7,184	15,402	12,163	4,418	9,849	6,838	3,796	3,330	7,686	178	4,142	11	2,071	1,100,475	148,251	2,376	1,328,170
Other NJ	2,899	6,787	3,276	1,698	553	269	1,375	6,005	1,659	6	121	2	66	134,141	718,099	1,011	877,967
Other WHR (NY)	1,346	1,292	9,003	1,402	973	826	174	2	3,051	2	7,312	10,667	1,618	27,247	7,528	132,305	204,748
Total	142,074	49,299	107,471	76,557	165,691	327,587	287,221	71,921	398,278	497,043	245,083	106,331	599,249	1,314,113	885,698	169,290	5,442,906

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	43,166	1,332	1,291	1,000	523	270	1,894
Other Manh	41,955	4,046	7,243	581	1,648	2,769	3,727
Other NYC	126,505	43,046	670,540	70,251	11,324	8,400	36,068
Long Island	16,895	12,752	88,118	798,366	2,958	1,261	12,788
Other NYS	19,802	8,552	27,723	4,120	480,154	25,628	36,716
CT	2,810	713	25,490	11,474	16,434	558,784	7,652
NJ	47,711	6,116	32,015	9,529	7,663	2,137	2,100,966

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	1,737	305	0	649	79	19	38	8	123	0	12	0	0	536	7	28	3,541
Valley	75	42	5	44	5	1	12	2	5	0	75	0	0	20	0	1	287
Midtown	273	3	706	1,114	401	7	40	1	44	0	15	0	0	217	3	17	2,841
Uptown	1,509	78	532	12,478	2,151	180	241	31	377	1	116	1	87	3,272	18	3	21,075
Bronx	2	11	23	2,610	39,046	203	545	36	362	0	660	0	10	2	0	0	43,510
Queens	51	28	41	650	630	83,182	389	244	1,930	0	21	0	6	1,485	0	0	88,657
Brooklyn	160	311	118	1,855	350	2,675	83,565	306	136	1	1	0	0	9	0	0	89,487
Staten Island	12	359	1	1,590	14	36	1,713	25,898	28	0	0	0	0	96	2	0	29,749
Nassau	2	0	1	180	236	2,361	125	0	113,500	1,462	2	0	0	136	0	0	118,005
Suffolk	0	4	0	464	11	69	161	0	1,075	152,951	0	0	0	2	0	0	154,737
Westchester	7	13	6	1,038	4,151	299	1,050	0	522	0	84,725	4,633	377	1,957	0	3,618	102,396
Other EHR-NY	1	0	0	0	20	7	275	0	114	0	3,716	29,247	1,641	12	0	2,646	37,679
Connecticut	2	0	0	5	168	23	774	0	509	0	1,245	193	137,101	1,191	1	1	141,213
Primary NJ	2,269	257	631	805	2,617	1,106	4,752	3,305	356	0	1,107	0	1,165	269,690	49,375	5,664	343,099
Other NJ	29	10	13	4	156	426	3,064	135	89	0	1	0	14	53,912	187,223	711	245,787
Other WHR (NY)	0	0	0	8	100	16	511	0	311	0	10,135	80	45	2,079	12	51,919	65,216
Total	6,129	1,421	2,077	23,494	50,135	90,610	97,255	29,966	119,481	154,415	101,831	34,154	140,446	334,616	236,641	64,608	1,487,279

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	3,146	1,807	613	172	148	-	783
Other Manh	2,119	12,478	2,603	378	120	87	3,290
Other NYC	1,117	6,705	238,832	2,457	682	16	1,594
Long Island	7	644	2,963	268,988	2	-	138
Other NYS	27	1,046	6,429	947	190,719	2,063	4,060
CT	2	5	965	509	1,439	137,101	1,192
NJ	3,209	809	15,561	445	7,483	1,179	560,200

University Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	48	30	0	187	2	55	1	1	18	0	32	1	4	16	3	1	399
Valley	7	0	0	5	0	0	15	0	1	0	3	0	0	1	0	0	32
Midtown	27	4	0	52	9	8	6	0	4	0	32	0	5	9	1	0	157
Uptown	220	96	15	391	217	34	544	3	64	0	132	0	7	6	8	35	1,772
Bronx	367	107	7	252	2,907	1,138	222	1	610	4	893	10	125	77	40	101	6,861
Queens	484	160	75	137	6	9,732	2,580	19	6,023	284	26	16	157	342	256	21	20,318
Brooklyn	553	480	6	51	150	2,032	11,160	1,681	2,528	1,294	2	13	162	399	424	22	20,957
Staten Island	218	176	0	58	0	294	1,814	3,299	12	0	0	0	16	301	55	0	6,243
Nassau	12	2	2	76	39	2,407	3,417	17	17,392	966	0	13	83	2	67	12	24,507
Suffolk	1	0	0	9	4	240	10	0	6,057	29,948	0	9	146	10	77	3	36,514
Westchester	107	0	237	407	2,049	61	6	0	5	0	4,397	68	68	47	18	1,301	8,771
Other EHR-NY	0	0	0	0	1	0	0	0	0	0	356	4,258	110	0	0	0	4,725
Connecticut	0	0	0	2	27	2	0	0	0	0	183	1	31,796	0	0	2	32,013
Primary NJ	480	38	43	63	1,363	224	290	333	3	0	165	32	84	54,262	1,245	1,071	59,696
Other NJ	5	0	1	0	0	0	0	36	0	0	0	6	41	4,212	44,466	270	49,037
Other WHR (NY)	54	1	1	3	168	3	2	0	0	0	525	121	0	3,393	351	16,690	21,312
Total	2,583	1,094	387	1,693	6,942	16,230	20,067	5,390	32,717	32,496	6,746	4,548	32,804	63,077	47,011	19,529	293,314

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	116	244	97	23	69	9	30
Other Manh	331	391	798	64	167	7	14
Other NYC	2,633	498	37,035	10,755	1,104	460	1,894
Long Island	17	85	6,134	54,363	37	229	156
Other NYS	400	410	2,290	5	27,716	178	3,809
CT	-	2	29	-	186	31,796	-
NJ	567	63	2,246	3	1,544	125	104,185

NYBPM2010 - Outbound Journeys

Auto and Taxi Trips

Maintenance Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	12,048	1,817	1,624	765	49	623	512	45	1,131	1	50	0	23	174	21	0	18,883
Valley	392	2	109	153	541	274	879	0	0	0	0	0	2	1	0	0	2,353
Midtown	2,985	153	765	5,186	47	224	981	25	11	3	16	0	41	46	4	0	10,487
Uptown	5,871	160	2,571	43,844	751	3,723	898	48	723	493	7,141	35	6	1,349	431	0	68,044
Bronx	1,690	316	1,508	18,265	176,539	7,265	2,251	21	414	152	22,960	91	120	237	82	3,692	235,603
Queens	16,923	589	0	2,413	1,093	353,888	5,847	376	45,930	7,035	2,370	2	3	723	23	2,415	439,630
Brooklyn	3,488	7	3,879	12,778	3,016	16,945	323,450	1,269	6,574	986	179	2	4	1,471	84	919	375,051
Staten Island	2,511	522	540	4,061	1	8,607	995	163,482	3	0	0	0	0	6,723	484	0	187,929
Nassau	1,120	228	291	888	420	22,638	1,609	182	499,042	20,679	11	0	5	1,193	340	1,367	550,013
Suffolk	318	72	234	424	181	4,515	12,500	22	33,869	747,238	5	0	0	90	3	198	799,669
Westchester	1,534	141	960	1,414	11,166	372	1,042	0	171	0	409,869	3,183	7,451	138	0	3,887	441,328
Other EHR-NY	0	2	0	0	0	0	0	0	0	0	13,994	177,016	8,271	1	0	1,066	200,350
Connecticut	129	21	207	538	12	0	0	0	0	0	59	123	856,993	4	0	23	858,109
Primary NJ	1,849	465	1,910	2,635	293	1,819	3,323	1,940	520	10	96	1	359	1,612,314	38,892	8,288	1,674,714
Other NJ	550	154	953	319	8	532	538	1,022	168	1	27	2	3	22,627	1,109,691	1,946	1,138,541
Other WHR (NY)	213	77	122	2,251	6	33	8	7	0	0	0	5	1	15,049	1,192	209,070	228,034
Total	51,621	4,726	15,673	95,934	194,123	421,458	354,833	168,439	588,556	776,598	456,777	180,460	873,282	1,662,140	1,151,247	232,871	7,228,738

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	19,895	6,104	4,200	1,146	66	66	246
Other Manh	8,602	43,844	5,420	1,216	7,176	6	1,780
Other NYC	31,973	37,517	1,065,045	61,094	32,630	127	9,827
Long Island	2,263	1,312	42,067	1,300,828	1,581	5	1,626
Other NYS	3,049	3,665	12,634	171	818,090	15,723	16,380
CT	357	538	12	-	205	856,993	4
NJ	5,881	2,954	9,475	699	10,360	362	2,783,524

Discretionary Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	9,668	55	540	426	2,540	1,115	1,353	27	306	6	308	3	1	596	115	116	17,175
Valley	0	0	20	30	29	0	88	0	39	0	0	0	0	0	0	0	206
Midtown	359	32	1	361	231	147	569	5	38	1	216	4	2	251	37	1	2,255
Uptown	7,949	1,144	6,086	38,258	3,750	3,106	1,531	242	12	0	594	3,154	2	751	309	0	66,888
Bronx	314	224	289	7,366	42,751	621	1,271	845	235	92	3,169	65	91	1,498	1,190	13,232	73,253
Queens	5,295	406	1	4,045	295	169,039	30,332	123	42,946	1,377	176	2	36	856	60	5,643	260,632
Brooklyn	11,650	478	2,300	1,579	1,875	9,749	200,504	4,307	4,673	12,497	123	4	8	1,337	90	1,750	252,924
Staten Island	303	66	247	1,366	2	16	3,414	68,619	3	0	0	0	0	5,123	740	2	79,901
Nassau	3,425	954	2,127	1,201	72	20,075	2,390	214	286,908	29,182	377	0	8	53	16	31	347,033
Suffolk	1,564	16	2,198	8,187	2,125	1,870	1,440	28	30,250	485,669	921	0	0	7	0	8	534,283
Westchester	1,727	98	3,000	3,650	2,690	778	1,181	0	2,944	0	116,578	143	3,196	3	0	99	136,087
Other EHR-NY	0	74	684	1	0	0	0	0	0	0	7,893	54,778	2,346	0	0	939	66,715
Connecticut	0	18	35	0	1,856	2	1	0	0	0	14,427	3,229	414,726	349	0	57	434,700
Primary NJ	1,711	272	2,190	3,324	836	473	4,124	504	944	32	1,516	7	123	905,448	31,304	11,270	964,078
Other NJ	720	127	1,673	601	21	311	1,567	488	700	29	744	34	2	34,901	709,780	1,712	753,410
Other WHR (NY)	1,985	130	809	1,117	2,314	1,125	7,935	3	1	0	1	0	5	16,708	2,484	162,634	197,251
Total	46,670	4,094	22,200	71,512	61,387	208,427	257,700	75,405	369,999	528,885	147,043	61,423	420,546	967,881	746,125	197,494	4,186,791

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	10,675	817	6,104	390	648	3	999
Other Manh	15,179	38,258	8,629	12	3,748	2	1,060
Other NYC	21,573	14,356	533,763	61,823	24,166	135	10,894
Long Island	10,284	9,388	28,214	832,009	1,337	8	76
Other NYS	8,507	4,768	16,026	2,945	343,065	5,547	19,195
CT	53	-	1,859	-	17,713	414,726	349
NJ	6,693	3,925	8,324	1,705	15,283	125	1,681,433

At-Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	18,167	137	1,190	777	11	14	9	0	8	50	1	0	0	4	2	0	20,370
Valley	8,769	3,453	847	443	12	1	29	0	3	1	3	0	0	9	1	0	13,571
Midtown	2,055	659	34,602	1,070	1	34	3	0	12	1	7	0	0	6	1	0	38,451
Uptown	605	256	376	12,352	31	11	50	4	21	4	75	0	7	274	32	3	14,101
Bronx	250	68	347	258	566	330	388	11	82	1	441	7	172	5,440	496	56	8,913
Queens	1,097	95	449	179	3,733	17,550	3,337	531	849	57	72	0	79	2,763	227	33	31,051
Brooklyn	417	1	314	216	18	53	17,313	61	105	1	7	0	2	327	31	4	18,870
Staten Island	7	5	5	3	1	53	489	5,684	1	0	3	0	0	1,238	381	6	7,876
Nassau	209	12	46	19	2	246	573	0	36,589	3,349	52	0	48	1,134	154	1	42,434
Suffolk	1	2	8	3	0	232	24	0	2,696	47,300	1	0	13	201	32	0	50,513
Westchester	11	6	13	121	65	6	27	2	73	12	27,073	48	319	914	128	93	28,911
Other EHR-NY	2	2	2	10	6	3	5	0	12	4	1,073	9,103	125	232	53	74	10,706
Connecticut	309	15	38	18	21	26	6	0	19	2	950	20	59,357	96	6	19	60,902
Primary NJ	525	194	609	131	37	146	392	260	467	97	331	3	595	105,818	8,017	1,374	118,996
Other NJ	36	15	46	9	3	17	47	45	49	13	23	0	50	6,006	76,363	140	82,862
Other WHR (NY)	8	2	4	51	12	8	1	3	10	0	1,449	276	34	3,447	1,035	11,154	17,494
Total	32,468	4,922	38,896	15,660	4,519	18,730	22,693	6,601	40,996	50,892	31,561	9,457	60,801	127,909	86,959	12,957	566,021

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	69,879	2,290	114	75	11	-	23
Other Manh	1,237	12,352	96	25	78	7	306
Other NYC	3,055	656	50,118	1,096	629	253	10,903
Long Island	278	22	1,077	89,934	54	61	1,521
Other NYS	50	182	138	111	50,343	478	5,809
CT	362	18	53	21	989	59,357	102
NJ	1,425	140	947	626	1,871	645	196,204

NYBPM2010 - Outbound Journeys

Commuter Rail

Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	130	0	22	0	0	187	1	0	6	31	196	54	47	674
Valley	0	0	0	0	10	3	0	0	2	0	5	0	364	18	7	0	409
Midtown	0	0	0	1,142	53	0	0	0	168	5	2	8	38	83	21	0	1,520
Uptown	86	95	1,060	0	15	464	2	0	35	16	117	34	808	432	206	25	3,395
Bronx	381	424	2,929	1,741	0	214	11	140	93	86	373	5	1,264	165	3	0	7,829
Queens	41,614	571	11,282	2,014	2,235	6,361	189	189	407	30	81	0	17	75	2	1	65,068
Brooklyn	0	0	0	0	571	2,533	13,514	1	1,480	34	175	1	13	93	15	0	18,430
Staten Island	6	0	6	0	3	15	3	0	118	2	3	0	0	0	0	0	156
Nassau	1,860	4,307	88,548	8,998	49	1,733	3,821	9	530	149	6	0	26	0	0	0	110,036
Suffolk	123	2,388	710	679	11	1,612	915	19	1,970	936	43	0	2	0	0	0	9,408
Westchester	3,560	4,485	17,862	6,374	995	112	323	0	0	0	10,629	129	2,154	0	0	0	46,623
Other EHR-NY	447	913	2,229	444	662	1,780	91	0	0	0	1,479	220	101	0	0	0	8,366
Connecticut	5,416	5,284	8,444	622	617	6,021	667	0	72	0	316	1	7,643	0	0	0	35,103
Primary NJ	5,942	13,413	12,623	1,002	399	325	208	10	0	0	16	0	12	17,404	826	6	52,186
Other NJ	6,535	13,334	10,989	1,066	157	39	193	29	0	0	6	0	4	1,817	498	0	34,667
Other WHR (NY)	797	978	1,399	95	152	161	158	0	0	0	1	18	3	489	2	943	5,196
Total	66,767	46,192	158,081	24,307	5,929	21,395	20,095	397	5,062	1,259	13,252	422	12,480	20,772	1,634	1,022	399,066

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	1,272	88	363	68	433	379
Other Manh	1,241	-	481	51	176	808	638
Other NYC	57,213	3,755	25,979	2,250	639	1,294	353
Long Island	97,936	9,677	8,169	3,585	49	28	-
Other NYS	32,670	6,913	4,434	-	13,419	2,258	491
CT	19,144	622	7,305	72	317	7,643	-
NJ	62,836	2,068	1,360	-	28	16	20,545

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Midtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uptown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bronx	0	0	11	166	0	0	0	0	14	0	60	0	0	0	0	0	251
Queens	42	18	49	248	0	0	0	3	61	0	2	0	0	69	0	0	492
Brooklyn	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	6
Staten Island	0	12	0	48	1	0	4	0	4	0	0	0	0	2	0	0	71
Nassau	7	0	4	108	18	151	1	0	0	46	0	0	0	7	0	0	342
Suffolk	0	1	0	270	1	4	10	0	44	0	0	0	0	0	0	0	330
Westchester	17	5	6	723	451	17	190	0	10	0	0	20	13	33	0	22	1,507
Other EHR-NY	0	0	0	0	0	0	48	0	5	0	59	4	6	0	0	66	188
Connecticut	1	0	1	3	17	0	130	0	9	0	71	0	40	25	0	0	297
Primary NJ	484	55	172	85	95	37	321	20	7	0	10	0	16	3,843	516	56	5,717
Other NJ	13	2	2	0	14	13	192	1	4	0	0	0	1	1,043	103	0	1,388
Other WHR (NY)	0	0	0	6	2	0	41	0	8	0	117	0	0	51	0	3	228
Total	564	93	245	1,657	599	222	937	24	172	46	319	24	76	5,073	619	147	10,817

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	-	-	-	-	-
Other Manh	-	-	-	-	-	-	-
Other NYC	132	462	8	85	62	-	71
Long Island	12	378	185	90	-	-	7
Other NYS	28	729	749	23	291	19	84
CT	2	3	147	9	71	40	25
NJ	728	85	693	11	66	17	5,505

University Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	2	66	0	0	6	0	86	0	14	155	34	0	363
Valley	0	0	0	0	0	0	0	0	0	0	6	0	5	13	0	0	24
Midtown	0	0	0	0	4	2	0	0	4	0	80	0	0	27	14	0	131
Uptown	0	0	0	0	146	14	127	0	38	0	330	0	61	56	13	0	785
Bronx	779	35	114	236	0	0	0	0	0	0	0	0	0	0	0	0	1,164
Queens	4,718	637	810	1,201	0	0	0	0	0	0	0	0	0	0	0	0	7,366
Brooklyn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staten Island	111	76	0	56	0	0	0	0	0	0	0	0	0	0	0	0	243
Nassau	354	51	151	2,729	0	0	0	0	303	19	0	0	0	0	0	0	3,607
Suffolk	29	1	7	430	0	0	0	0	320	422	0	0	0	0	0	0	1,209
Westchester	1,008	0	3,667	4,475	0	0	0	0	0	0	0	0	0	0	0	0	9,150
Other EHR-NY	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3
Connecticut	2	0	2	19	0	0	0	0	0	0	0	0	0	0	0	0	23
Primary NJ	3,091	194	452	286	0	0	0	1	0	0	0	0	0	566	10	0	4,600
Other NJ	30	2	0	0	0	0	0	0	0	0	0	0	0	17	64	0	113
Other WHR (NY)	156	2	11	1	0	0	0	0	0	0	0	0	0	0	0	0	170
Total	10,279	998	5,214	9,435	152	82	127	1	671	441	502	0	80	834	135	0	28,951

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	74	10	172	19	243
Other Manh	-	-	287	38	330	61	69
Other NYC	7,280	1,493	-	-	-	-	-
Long Island	593	3,159	-	1,064	-	-	-
Other NYS	4,845	4,478	-	-	-	-	-
CT	4	19	-	-	-	-	-
NJ	3,769	286	1	-	-	-	657

NYBPM2010 - Outbound Journeys

Commuter Rail

Maintenance Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Midtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uptown	0	0	0	0	0	0	0	0	0	0	0	0	0	103	18	0	121
Bronx	0	0	0	216	4,225	0	0	0	3	1	723	0	3	6	1	17	5,195
Queens	776	0	959	60	0	3,639	0	0	280	42	56	0	0	0	0	2	5,814
Brooklyn	0	0	0	0	0	0	0	0	76	9	7	0	0	1	0	3	96
Staten Island	0	0	0	56	0	0	0	0	0	0	0	0	0	16	0	0	72
Nassau	583	95	4,717	601	20	660	76	7	1,117	85	0	0	0	0	0	0	7,961
Suffolk	157	19	3,801	252	2	205	600	2	210	1,062	0	0	0	0	0	0	6,310
Westchester	0	0	220	3,241	1,536	78	282	0	1	0	6,578	1	125	0	0	0	12,062
Other EHR-NY	0	1	0	0	0	0	0	0	0	0	72	216	1	0	0	0	290
Connecticut	108	4	370	37	0	0	0	0	0	0	0	0	2,318	0	0	0	2,837
Primary NJ	1,006	188	872	450	16	63	113	1	0	0	0	0	0	543	2	12	3,266
Other NJ	219	39	262	46	0	10	15	2	0	0	0	0	0	0	0	0	593
Other WHR (NY)	42	16	28	195	0	0	0	0	0	0	0	0	0	23	0	52	356
Total	2,891	362	11,229	5,154	5,799	4,655	1,086	12	1,687	1,199	7,436	217	2,447	697	21	86	44,978

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	-	-	-	-	5
Other Manh	-	-	-	-	-	-	121
Other NYC	1,735	332	7,864	411	808	3	24
Long Island	9,372	853	1,572	2,474	-	-	-
Other NYS	307	3,436	1,896	1	6,919	126	23
CT	482	37	-	-	-	2,318	-
NJ	2,586	496	220	-	12	-	545

Discretionary Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	0	0	0	0	0	426	17	4	3	0	1	451
Valley	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Midtown	0	0	0	0	0	0	0	0	0	0	305	9	4	2	1	0	321
Uptown	0	0	0	0	0	0	0	0	0	0	450	2,548	3	46	23	0	3,070
Bronx	0	0	0	0	2,579	0	0	0	0	0	0	0	0	3	1	0	2,583
Queens	1,751	0	342	0	0	0	0	0	0	0	0	0	0	4	0	22	2,119
Brooklyn	0	0	0	0	0	0	0	0	0	0	0	0	0	12	1	34	47
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	31	0	0	31
Nassau	4,531	895	4,368	78	2	380	69	0	0	0	0	0	0	0	0	0	10,323
Suffolk	3,330	36	7,583	508	44	52	28	0	0	0	0	0	0	0	0	0	11,581
Westchester	2,326	117	895	569	195	82	219	0	34	0	0	0	0	0	0	0	4,437
Other EHR-NY	0	6	103	1	0	0	0	0	0	0	0	0	0	0	0	0	110
Connecticut	0	0	4	0	23	0	0	0	0	0	0	0	0	0	0	0	27
Primary NJ	707	90	647	570	58	14	84	1	0	0	0	0	0	0	0	0	2,171
Other NJ	434	71	784	224	2	14	58	0	0	0	0	0	0	0	0	0	1,587
Other WHR (NY)	191	29	115	42	33	20	414	0	0	0	0	0	0	0	0	0	844
Total	13,270	1,244	14,841	1,992	2,936	562	872	1	34	0	1,182	2,574	11	101	26	57	39,703

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	-	-	759	8	6
Other Manh	-	-	-	-	2,998	3	69
Other NYC	2,093	-	2,579	-	56	-	52
Long Island	20,743	586	575	-	-	-	-
Other NYS	3,782	612	963	34	-	-	-
CT	4	-	23	-	-	-	-
NJ	2,733	794	231	-	-	-	-

At-Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Midtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uptown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bronx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Queens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brooklyn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassau	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suffolk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westchester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	-	-	-	-	-
Other Manh	-	-	-	-	-	-	-
Other NYC	-	-	-	-	-	-	-
Long Island	-	-	-	-	-	-	-
Other NYS	-	-	-	-	-	-	-
CT	-	-	-	-	-	-	-
NJ	-	-	-	-	-	-	-

NYBPM2010 - Outbound Journeys

Subway + Bus

Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	59,017	12,361	21,445	4,512	226	100	159	0	15	1	1	0	2	1,070	18	8	98,935
Valley	2,773	96	1,902	211	812	19	9	0	0	0	11	0	21	380	4	0	6,238
Midtown	7,556	6,866	14,354	1,688	250	0	57	1	0	2	0	0	0	761	3	1	31,539
Uptown	40,279	37,381	119,816	18,869	1,204	1,984	149	22	8	17	25	0	135	869	18	61	220,837
Bronx	13,712	23,502	75,309	87,751	36,483	2,499	745	18	211	11	265	0	45	107	0	0	240,658
Queens	184,143	3,311	43,050	13,569	15,107	104,832	2,493	31	586	17	50	0	31	97	0	0	367,317
Brooklyn	8,393	18,485	52,109	42,007	50,718	12,985	186,963	9,149	931	6	29	0	0	738	1	0	382,514
Staten Island	3,601	5,339	8,190	186	10	195	1,316	7,858	40	0	1	0	0	1,145	0	0	27,881
Nassau	58	242	15,070	705	547	1,250	902	0	1,848	220	4	0	0	0	0	0	20,846
Suffolk	0	6	6	4	0	54	15	0	646	4,592	0	0	0	0	0	0	5,323
Westchester	202	1,391	1,426	1,011	2,600	1,058	87	0	118	0	34,831	103	1,705	2	0	3	44,537
Other EHR-NY	0	1	28	0	1	13	0	0	0	0	49	1,495	11	0	0	0	1,598
Connecticut	1	1	119	3	24	70	0	0	13	0	6	0	10,183	0	0	0	10,420
Primary NJ	16,184	29,000	32,999	2,509	1,876	2,931	1,536	51	0	0	7	0	0	13,472	43	36	100,644
Other NJ	3,976	8,040	9,401	600	16	18	151	10	0	0	1	0	0	257	145	0	22,615
Other WHR (NY)	485	392	12,003	212	49	185	34	0	0	0	162	49	16	66	0	6,417	20,070
Total	340,380	146,414	407,227	173,837	109,923	128,193	194,616	17,140	4,416	4,866	35,442	1,647	12,149	18,964	232	6,526	1,601,972

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	126,370	6,411	1,633	18	21	23	2,236
Other Manh	197,476	18,869	3,359	25	86	135	887
Other NYC	439,144	143,513	431,402	1,802	345	76	2,088
Long Island	15,382	709	2,768	7,306	4	-	-
Other NYS	15,928	1,223	4,027	118	43,109	1,732	68
CT	121	3	94	13	6	10,183	-
NJ	99,600	3,109	6,589	-	44	-	13,917

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	2,642	1,021	1	2,059	104	34	45	10	10	0	6	0	0	150	0	3	6,085
Valley	287	3	32	140	9	2	25	0	0	0	9	0	0	13	0	0	520
Midtown	848	8	476	3,418	412	9	45	0	5	0	0	0	0	39	0	1	5,261
Uptown	4,677	237	1,501	20,450	2,506	182	330	35	52	0	12	0	5	333	0	0	30,320
Bronx	22	116	226	18,420	29,865	403	1,770	3	27	0	74	0	0	0	0	0	50,926
Queens	433	166	320	3,929	1,377	47,394	872	21	177	0	0	0	0	178	0	0	54,867
Brooklyn	1,105	2,768	1,077	13,463	1,080	4,154	51,606	29	8	0	0	0	0	0	0	0	75,290
Staten Island	28	702	3	2,715	0	0	91	1,565	0	0	0	0	0	2	0	0	5,106
Nassau	2	0	0	6	3	49	4	0	2,851	11	0	0	0	3	0	0	2,929
Suffolk	0	0	0	3	0	1	1	0	4	2,605	0	0	0	0	0	0	2,614
Westchester	0	1	0	81	258	12	61	0	9	0	3,918	6	5	23	0	5	4,379
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	8	535	1	0	0	7	551
Connecticut	0	0	0	0	0	0	0	0	0	0	2	1	761	0	0	0	764
Primary NJ	93	20	30	30	22	5	30	5	0	0	3	0	1	1,071	13	20	1,343
Other NJ	0	0	0	0	0	1	14	0	0	0	0	0	0	56	12	0	83
Other WHR (NY)	0	0	0	1	0	0	11	0	1	0	78	0	0	17	0	1,233	1,341
Total	10,137	5,042	3,666	64,715	35,636	52,246	54,905	1,668	3,144	2,616	4,110	542	773	1,885	25	1,269	242,379

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	5,318	5,617	695	15	19	-	202
Other Manh	6,415	20,450	3,053	52	12	5	333
Other NYC	6,966	38,527	140,230	212	74	-	180
Long Island	2	9	58	5,471	-	-	3
Other NYS	1	82	342	10	5,790	6	40
CT	-	-	-	-	3	761	-
NJ	143	30	77	-	23	1	1,152

University Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	693	425	0	2,088	27	192	2	3	59	0	44	0	0	331	5	0	3,869
Valley	81	4	5	127	7	4	69	2	7	0	5	0	0	71	0	0	382
Midtown	359	85	0	741	32	47	20	0	52	0	59	0	0	91	6	0	1,492
Uptown	2,362	1,302	174	4,450	918	131	2,298	12	427	0	593	0	0	144	11	0	12,822
Bronx	5,946	1,810	195	6,595	7,083	1,994	534	1	264	2	498	0	0	45	3	0	24,970
Queens	7,167	2,374	1,227	4,130	81	20,321	4,384	2	1,337	25	3	0	0	274	19	0	41,344
Brooklyn	11,639	8,904	131	2,811	1,539	4,715	30,554	319	892	197	0	0	0	406	20	0	62,127
Staten Island	706	428	0	659	0	0	13	321	0	0	0	0	0	16	0	0	2,143
Nassau	0	0	0	0	0	6	3	0	2,174	37	0	0	0	0	0	0	2,220
Suffolk	0	0	0	0	0	1	0	0	124	1,128	0	0	0	0	0	0	1,253
Westchester	183	0	300	945	3	0	0	0	0	0	978	0	0	1	0	39	2,449
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	24	498	3	0	0	1	526
Connecticut	0	0	0	0	0	0	0	0	0	0	28	0	3,026	0	0	0	3,054
Primary NJ	2,510	215	215	667	4	4	7	12	0	0	0	0	0	1,950	2	1	5,587
Other NJ	9	2	0	1	0	0	0	0	0	0	0	0	0	33	52	0	97
Other WHR (NY)	342	2	24	7	0	0	0	0	0	0	303	0	0	4	0	2,387	3,069
Total	31,997	15,551	2,271	23,221	9,694	27,415	37,884	672	5,336	1,389	2,535	498	3,029	3,366	118	2,428	167,404

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	1,652	2,956	405	118	108	-	504
Other Manh	3,838	4,450	3,359	427	593	-	155
Other NYC	40,527	14,195	71,861	2,717	501	-	783
Long Island	-	-	10	3,463	-	-	-
Other NYS	851	952	3	-	4,230	3	5
CT	-	-	-	-	28	3,026	-
NJ	2,951	668	27	-	1	-	2,037

NYBPM2010 - Outbound Journeys

Subway + Bus

Maintenance Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	48,407	3,802	3,421	2,611	21	370	336	14	0	0	0	0	0	274	1	0	59,257
Valley	1,480	0	445	733	698	372	1,313	0	0	0	0	0	0	12	0	0	5,053
Midtown	5,474	297	10,023	14,397	30	123	637	9	0	0	0	0	0	105	1	0	31,096
Uptown	19,122	702	7,859	97,983	371	1,721	458	24	0	0	0	0	0	547	11	0	128,798
Bronx	10,914	2,200	8,228	31,946	65,345	7,317	2,695	0	20	6	2,384	0	1	5	0	3	131,064
Queens	35,259	150	24,558	3,828	969	93,086	4,393	0	2,765	168	172	0	0	4	0	2	165,354
Brooklyn	12,538	3,717	4,456	22,683	3,100	12,676	161,641	0	292	26	11	0	0	14	0	1	221,155
Staten Island	4,405	1,052	1,487	2,342	0	204	28	11,496	0	0	0	0	0	2	0	0	21,016
Nassau	0	0	0	8	1	139	10	11	6,054	162	1	0	0	0	0	0	6,386
Suffolk	0	0	0	4	0	24	56	0	352	7,692	0	0	0	0	0	0	8,128
Westchester	0	0	125	74	258	5	39	0	6	0	20,250	15	109	0	0	0	20,881
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	48	907	14	0	0	0	969
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	8,356	0	0	0	8,356
Primary NJ	752	273	531	391	25	165	329	0	0	0	0	0	0	6,812	11	23	9,312
Other NJ	120	26	149	24	0	14	23	0	0	0	0	0	0	19	244	0	619
Other WHR (NY)	16	2	14	183	1	0	1	0	0	0	0	0	0	67	0	4,648	4,932
Total	138,487	12,221	61,296	177,207	70,819	116,216	171,959	11,554	9,489	8,054	22,866	922	8,480	7,861	268	4,677	822,376

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	73,349	17,741	3,923	-	-	-	393
Other Manh	27,683	97,983	2,574	-	-	-	558
Other NYC	108,964	60,799	362,950	3,277	2,573	1	25
Long Island	-	12	241	14,260	1	-	-
Other NYS	157	257	304	6	25,868	123	67
CT	-	-	-	-	-	8,356	-
NJ	1,851	415	556	-	23	-	7,086

Discretionary Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	21,056	646	6,707	3,609	3,577	1,626	2,292	13	330	4	974	0	0	452	1	2	41,289
Valley	20	0	535	362	75	0	236	0	52	0	0	0	0	0	0	0	1,280
Midtown	3,969	515	9,982	1,934	248	192	724	2	44	2	781	0	0	259	0	0	18,652
Uptown	11,962	1,998	8,484	47,214	9,142	6,923	4,234	192	15	1	3,312	60	1	302	7	0	93,847
Bronx	7,973	6,431	4,577	11,309	40,501	89	173	6	0	0	523	1	3	2	0	0	71,588
Queens	7,523	593	9,085	13,168	42	65,321	5,925	1	539	4	51	0	2	6	0	4	102,264
Brooklyn	23,529	888	3,558	8,766	624	2,459	78,803	79	42	34	56	0	0	14	0	1	118,853
Staten Island	630	171	27	1,682	0	0	182	0	0	0	0	0	0	0	0	0	2,692
Nassau	701	208	133	30	1	320	25	12	0	0	4	0	0	0	0	0	1,434
Suffolk	105	3	5	27	1	4	2	0	0	0	3	0	0	0	0	0	150
Westchester	0	0	0	336	78	14	33	0	0	0	2,982	0	26	0	0	0	3,469
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	4	92	0	0	0	0	96
Connecticut	0	0	0	0	7	0	0	0	0	0	11	4	2,146	0	0	0	2,168
Primary NJ	868	191	794	702	94	32	455	1	0	0	4	0	0	2,443	6	13	5,603
Other NJ	139	36	263	49	0	18	80	0	0	0	0	0	0	26	97	0	708
Other WHR (NY)	187	11	102	111	89	49	114	0	0	0	0	0	0	27	0	1,502	2,192
Total	78,662	11,691	44,252	89,299	54,479	77,047	93,278	306	1,022	45	8,705	157	2,178	3,531	111	1,522	466,285

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	43,430	5,905	8,985	432	1,757	-	712
Other Manh	22,444	47,214	20,491	16	3,372	1	309
Other NYC	64,985	34,925	194,205	619	636	5	22
Long Island	1,155	57	365	-	7	-	-
Other NYS	300	447	377	-	4,580	26	27
CT	-	-	7	-	15	2,146	-
NJ	2,291	751	680	-	17	-	2,572

At-Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	10,106	180	1,374	844	35	82	82	0	17	23	2	0	0	72	0	0	12,817
Valley	1,263	0	191	50	7	2	18	0	2	0	1	0	0	13	0	0	1,547
Midtown	1,234	606	3,153	574	3	117	18	0	25	0	7	0	0	26	0	0	5,763
Uptown	768	392	462	8,474	131	41	251	2	36	3	112	0	0	746	3	0	11,421
Bronx	739	275	1,349	388	6,180	744	823	0	0	0	3	0	0	4	0	0	10,505
Queens	102	16	58	9	463	10,356	198	0	0	0	0	0	0	1	0	0	11,203
Brooklyn	44	1	48	24	1	5	18,261	0	0	0	0	0	0	0	0	0	18,384
Staten Island	52	52	51	14	0	0	5	63	0	0	0	0	0	1	0	0	238
Nassau	59	2	27	0	0	0	0	0	35	0	0	0	0	0	0	0	123
Suffolk	0	0	0	0	0	0	0	0	0	51	0	0	0	0	0	0	51
Westchester	6	3	6	0	1	0	0	0	0	0	36	0	0	0	0	0	52
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	33	0	0	0	0	33
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	118	0	0	0	118
Primary NJ	1,730	1,485	1,676	0	0	0	6	0	0	0	0	0	0	351	6	0	5,254
Other NJ	23	10	62	0	0	0	0	0	0	0	0	0	0	2	43	0	140
Other WHR (NY)	7	4	18	0	0	0	0	0	0	0	0	0	0	3	0	8	40
Total	16,133	3,026	8,475	10,377	6,821	11,347	19,662	65	115	77	161	33	118	1,219	52	8	77,689

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	18,107	1,468	364	67	10	-	111
Other Manh	1,622	8,474	425	39	112	-	749
Other NYC	2,787	435	37,099	-	3	-	6
Long Island	88	-	-	86	-	-	-
Other NYS	44	-	1	-	77	-	3
CT	-	-	-	-	-	118	-
NJ	4,986	-	6	-	-	-	402

NYBPM2010 - Outbound Journeys

Non-Motorized

Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	31,219	10,097	15,017	615	0	10	800	0	0	0	0	0	0	0	0	0	57,758
Valley	630	5,519	0	0	0	0	84	0	0	0	0	0	0	0	0	0	6,233
Midtown	1,911	0	18,701	1,275	0	125	1	0	0	0	0	0	0	0	0	0	22,013
Uptown	1,393	0	24,020	34,486	1,493	864	3	0	0	0	0	0	0	0	0	0	62,259
Bronx	0	0	0	7,410	10,200	0	0	0	0	0	0	0	0	0	0	0	17,610
Queens	5	0	284	139	0	57,019	849	0	0	0	0	0	0	0	0	0	58,296
Brooklyn	301	1,346	91	2	0	2,883	58,104	0	0	0	0	0	0	0	0	0	62,727
Staten Island	0	0	0	0	0	0	0	2,473	0	0	0	0	0	0	0	0	2,473
Nassau	0	0	0	0	0	0	0	0	10,360	79	0	0	0	0	0	0	10,439
Suffolk	0	0	0	0	0	0	0	0	179	8,562	0	0	0	0	0	0	8,741
Westchester	0	0	0	0	0	0	0	0	0	0	10,717	0	66	0	0	0	10,783
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	2,455	21	0	0	0	2,476
Connecticut	0	0	0	0	0	0	0	0	0	0	7	0	7,578	0	0	0	7,585
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	70,667	163	19	70,849
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	117	20,785	0	20,902
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	4,270	4,295
Total	35,459	16,962	58,113	43,927	11,693	60,901	59,841	2,473	10,539	8,641	10,724	2,455	7,665	70,809	20,948	4,289	425,439

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	83,094	1,890	1,020	-	-	-	-
Other Manh	25,413	34,486	2,360	-	-	-	-
Other NYC	2,027	7,551	131,528	-	-	-	-
Long Island	-	-	-	19,180	-	-	-
Other NYS	-	-	-	-	17,442	87	25
CT	-	-	-	-	7	7,578	-
NJ	-	-	-	-	19	-	91,732

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	7,890	181	165	28	0	0	0	0	0	0	0	0	0	0	0	0	8,264
Valley	322	327	0	0	0	0	0	0	0	0	0	0	0	0	0	0	649
Midtown	1,440	0	2,829	581	0	0	0	0	0	0	0	0	0	0	0	0	4,850
Uptown	1,008	0	1,484	24,649	0	0	0	0	0	0	0	0	0	0	0	0	27,141
Bronx	0	0	0	0	109,087	0	0	0	0	0	0	0	0	0	0	0	109,087
Queens	0	0	0	0	0	113,264	0	0	0	0	0	0	0	0	0	0	113,264
Brooklyn	0	0	0	0	0	0	182,696	0	0	0	0	0	0	0	0	0	182,696
Staten Island	0	0	0	0	0	0	0	12,323	0	0	0	0	0	0	0	0	12,323
Nassau	0	0	0	0	0	0	0	0	29,334	0	0	0	0	0	0	0	29,334
Suffolk	0	0	0	0	0	0	0	0	0	20,786	0	0	0	0	0	0	20,786
Westchester	0	0	0	0	0	0	0	0	0	0	29,531	0	0	0	0	0	29,531
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	1,966	0	0	0	0	1,966
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	16,826	0	0	0	16,826
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	82,123	0	0	82,123
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,552	0	13,552
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,377	10,377
Total	10,660	508	4,478	25,258	109,087	113,264	182,696	12,323	29,334	20,786	29,531	1,966	16,826	82,123	13,552	10,377	662,769

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	13,154	609	-	-	-	-	-
Other Manh	2,492	24,649	-	-	-	-	-
Other NYC	-	-	417,370	-	-	-	-
Long Island	-	-	-	50,120	-	-	-
Other NYS	-	-	-	-	41,874	-	-
CT	-	-	-	-	-	16,826	-
NJ	-	-	-	-	-	-	95,675

University Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	1,267	51	32	1,321	0	4	1,857	0	0	0	0	0	0	0	0	0	4,532
Valley	111	33	0	0	0	0	448	0	0	0	0	0	0	0	0	0	592
Midtown	119	0	124	1,409	0	91	1	0	0	0	0	0	0	0	0	0	1,744
Uptown	23	0	51	12,272	1,196	110	0	0	0	0	0	0	0	0	0	0	13,652
Bronx	0	0	0	517	6,457	0	0	0	0	0	0	0	0	0	0	0	6,974
Queens	1	0	3	120	0	9,742	191	0	0	0	0	0	0	0	0	0	10,057
Brooklyn	38	8	0	2	0	795	17,276	0	0	0	0	0	0	0	0	0	18,119
Staten Island	0	0	0	0	0	0	0	223	0	0	0	0	0	0	0	0	223
Nassau	0	0	0	0	0	0	0	0	843	9	0	0	0	0	0	0	852
Suffolk	0	0	0	0	0	0	0	0	2	494	0	0	0	0	0	0	496
Westchester	0	0	0	0	0	0	0	0	0	0	414	0	3	0	0	0	417
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	34
Connecticut	0	0	0	0	0	0	0	0	0	0	1	0	844	0	0	0	845
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	6,142	18	3	6,163
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	20	862	0	882
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	443	445
Total	1,559	92	210	15,641	7,653	10,742	19,773	223	845	503	415	34	847	6,164	880	446	66,027

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	1,737	2,730	2,401	-	-	-	-
Other Manh	74	12,272	1,306	-	-	-	-
Other NYC	50	639	34,684	-	-	-	-
Long Island	-	-	-	1,348	-	-	-
Other NYS	-	-	-	-	891	3	2
CT	-	-	-	-	1	844	-
NJ	-	-	-	-	3	-	7,042

NYBPM2010 - Outbound Journeys

Non-Motorized

Maintenance Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	45,233	3,638	4,380	393	0	6	1,440	0	0	0	0	0	0	0	0	0	55,090
Valley	560	5,348	0	0	0	0	120	0	0	0	0	0	0	0	0	0	6,028
Midtown	3,894	0	24,536	4,341	0	125	10	0	0	0	0	0	0	0	0	0	32,906
Uptown	616	0	5,849	119,223	6,746	656	27	0	0	0	0	0	0	0	0	0	133,117
Bronx	0	0	0	4,463	153,309	0	0	0	0	0	0	0	0	0	0	0	157,772
Queens	22	0	365	804	0	177,992	4,379	0	0	0	0	0	0	0	0	0	183,562
Brooklyn	698	341	26	16	0	3,420	239,984	0	0	0	0	0	0	0	0	0	244,485
Staten Island	0	0	0	0	0	0	0	15,609	0	0	0	0	0	0	0	0	15,609
Nassau	0	0	0	0	0	0	0	0	37,720	81	0	0	0	0	0	0	37,801
Suffolk	0	0	0	0	0	0	0	0	220	22,448	0	0	0	0	0	0	22,668
Westchester	0	0	0	0	0	0	0	0	0	0	28,690	0	23	0	0	0	28,713
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	5,643	3	0	0	0	5,646
Connecticut	0	0	0	0	0	0	0	0	0	0	29	5	28,020	0	0	0	28,054
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	143,052	943	14	144,009
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	191	28,363	0	28,554
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	9,112	9,135
Total	51,023	9,327	35,156	129,240	160,055	182,199	245,960	15,609	37,940	22,529	28,719	5,648	28,046	143,266	29,306	9,126	1,133,149

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	87,589	4,734	1,701	-	-	-	-
Other Manh	6,465	119,223	7,429	-	-	-	-
Other NYC	1,452	5,283	594,693	-	-	-	-
Long Island	-	-	-	60,469	-	-	-
Other NYS	-	-	-	-	43,445	26	23
CT	-	-	-	-	34	28,020	-
NJ	-	-	-	-	14	-	172,549

Discretionary Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	74,493	4,775	8,416	714	0	16	4,344	0	0	0	0	0	0	0	0	0	92,758
Valley	322	1,646	0	0	0	0	67	0	0	0	0	0	0	0	0	0	2,035
Midtown	3,188	0	23,562	4,300	0	126	12	0	0	0	0	0	0	0	0	0	31,188
Uptown	371	0	4,857	87,802	4,880	481	19	0	0	0	0	0	0	0	0	0	98,410
Bronx	0	0	0	2,027	64,510	0	0	0	0	0	0	0	0	0	0	0	66,537
Queens	16	0	212	388	0	135,165	3,981	0	0	0	0	0	0	0	0	0	139,762
Brooklyn	341	112	22	6	0	2,071	182,474	0	0	0	0	0	0	0	0	0	185,026
Staten Island	0	0	0	0	0	0	0	13,742	0	0	0	0	0	0	0	0	13,742
Nassau	0	0	0	0	0	0	0	0	54,904	145	0	0	0	0	0	0	55,049
Suffolk	0	0	0	0	0	0	0	0	298	56,971	0	0	0	0	0	0	57,269
Westchester	0	0	0	0	0	0	0	0	0	0	17,292	0	15	0	0	0	17,307
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	11,493	49	0	0	0	11,542
Connecticut	0	0	0	0	0	0	0	0	0	0	57	4	44,953	0	0	0	45,014
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	194,111	1,633	21	195,765
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	545	67,723	0	68,268
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	64	0	33,773	33,837
Total	78,731	6,533	37,069	95,237	69,390	137,859	190,897	13,742	55,202	57,116	17,349	11,497	45,017	194,720	69,356	33,794	1,113,509

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	116,402	5,014	4,565	-	-	-	-
Other Manh	5,228	87,802	5,380	-	-	-	-
Other NYC	703	2,421	401,943	-	-	-	-
Long Island	-	-	-	112,318	-	-	-
Other NYS	-	-	-	-	62,558	64	64
CT	-	-	-	-	61	44,953	-
NJ	-	-	-	-	21	-	264,012

At-Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	21,314	3,614	6,496	147	0	1	81	0	0	0	0	0	0	0	0	0	31,653
Valley	1,144	12,507	3	0	0	0	40	0	0	0	0	0	0	0	0	0	13,694
Midtown	3,261	1	32,408	979	0	14	1	0	0	0	0	0	0	0	0	0	36,664
Uptown	315	0	3,792	6,037	55	11	1	0	0	0	0	0	0	0	0	0	10,211
Bronx	0	0	0	3,535	9,035	0	0	0	0	0	0	0	0	0	0	0	12,570
Queens	61	0	1,271	326	0	14,385	331	0	0	0	0	0	0	0	0	0	16,374
Brooklyn	903	1,251	120	6	0	326	22,557	0	0	0	0	0	0	0	0	0	25,163
Staten Island	0	0	0	0	0	0	0	1,443	0	0	0	0	0	0	0	0	1,443
Nassau	0	0	0	0	0	0	0	0	2,952	10	0	0	0	0	0	0	2,962
Suffolk	0	0	0	0	0	0	0	0	19	4,934	0	0	0	0	0	0	4,953
Westchester	0	0	0	0	0	0	0	0	0	0	4,031	0	1	0	0	0	4,032
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	1,268	1	0	0	0	1,269
Connecticut	0	0	0	0	0	0	0	0	0	0	3	0	8,286	0	0	0	8,289
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	29,409	205	6	29,620
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	142	14,642	0	14,784
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	2,145	2,156
Total	26,998	17,373	44,090	11,030	9,090	14,737	23,011	1,443	2,971	4,944	4,034	1,268	8,288	29,562	14,847	2,151	215,837

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	80,748	1,126	137	-	-	-	-
Other Manh	4,107	6,037	67	-	-	-	-
Other NYC	3,606	3,867	48,077	-	-	-	-
Long Island	-	-	-	7,915	-	-	-
Other NYS	-	-	-	-	7,444	2	11
CT	-	-	-	-	3	8,286	-
NJ	-	-	-	-	6	-	44,398

NYBPM2010 - Outbound Journeys

School Bus

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	1,254	297	0	561	64	22	30	11	529	1	43	0	5	1,565	35	75	4,492
Valley	24	20	3	21	5	2	6	0	38	0	241	0	0	51	0	0	411
Midtown	133	3	289	523	296	4	28	2	169	1	32	0	0	584	24	63	2,151
Uptown	646	28	239	4,166	1,297	140	213	51	1,092	3	227	0	220	7,093	51	2	15,468
Bronx	4	4	13	1,192	23,823	231	634	22	401	0	385	0	2	0	0	1	26,712
Queens	41	23	22	364	617	47,446	335	237	1,361	0	17	0	18	1,845	4	0	52,330
Brooklyn	79	220	84	1,345	450	1,883	49,451	218	136	0	4	0	0	17	0	0	53,887
Staten Island	9	246	2	1,672	23	27	1,347	21,580	25	0	0	0	0	53	1	0	24,985
Nassau	5	3	1	119	163	969	65	0	89,394	554	7	0	0	153	0	0	91,433
Suffolk	0	0	0	420	15	39	116	0	449	97,828	0	0	0	2	0	0	98,869
Westchester	6	8	7	484	2,206	284	1,058	0	474	0	62,889	1,337	124	1,281	1	1,900	72,059
Other EHR-NY	0	0	0	0	14	8	414	0	188	0	998	31,347	761	8	0	1,535	35,273
Connecticut	2	1	0	5	82	34	1,288	0	856	0	517	65	97,461	860	0	1	101,172
Primary NJ	1,908	215	551	472	1,853	1,233	4,759	1,965	467	0	729	1	1,102	225,651	19,535	1,913	262,354
Other NJ	36	8	15	0	205	602	3,754	49	119	0	2	0	19	19,478	154,977	360	179,624
Other WHR (NY)	0	0	0	10	69	14	690	0	443	0	5,368	49	28	900	5	47,993	55,569
Total	4,147	1,076	1,226	11,354	31,182	52,938	64,188	24,135	96,141	98,387	71,459	32,799	99,740	259,541	174,633	53,843	1,076,789

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	2,023	1,105	470	738	454	5	2,259
Other Manh	913	4,166	1,701	1,095	229	220	7,144
Other NYC	747	4,573	148,324	1,923	407	20	1,920
Long Island	9	539	1,367	188,225	7	-	155
Other NYS	21	494	4,757	1,105	153,416	913	2,195
CT	3	5	1,404	856	583	97,461	860
NJ	2,733	472	14,420	586	3,005	1,121	419,641

NYBPM2005 - Outbound Journeys

All Modes

(including School Bus for School Purpose Only)

Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	85,860	32,537	68,540	11,939	202	5,003	3,705	20	353	141	133	14	356	5,371	1,442	11	215,627
Valley	2,967	3,051	3,031	519	10	273	193	0	10	5	9	1	9	226	73	1	10,378
Midtown	16,035	7,171	26,664	4,419	59	1,814	858	4	81	31	47	7	77	1,392	362	1	59,022
Uptown	72,475	35,855	111,577	146,390	12,820	9,405	7,894	43	1,108	435	3,719	330	478	7,058	1,951	48	411,586
Bronx	35,891	16,455	51,712	72,622	157,745	14,602	16,885	136	2,641	545	17,987	123	820	12,182	1,253	168	401,767
Queens	85,029	43,236	107,690	85,157	4,257	305,168	71,484	695	57,294	21,834	2,231	132	1,320	2,673	508	107	788,815
Brooklyn	111,313	63,595	116,291	39,467	3,139	28,600	353,630	2,395	6,855	2,918	5,337	330	1,023	3,167	974	101	739,135
Staten Island	12,227	9,865	10,397	1,741	451	7,250	21,343	82,725	316	14	57	0	202	8,984	876	8	156,456
Nassau	16,160	8,430	18,346	9,436	2,499	50,528	10,247	407	436,736	15,776	2,426	1	614	641	26	7	572,280
Suffolk	14,709	6,449	16,826	7,445	1,791	44,749	5,857	51	33,079	442,789	767	0	671	99	1	0	575,283
Westchester	15,009	5,611	33,836	5,413	27,698	7,829	2,013	19	684	15	236,920	618	14,980	7,499	25	10,931	369,100
Other EHR-NY	3,995	2,010	9,982	448	2,183	1,004	515	4	173	1	15,599	106,154	18,292	1,157	110	3,761	165,388
Connecticut	7,174	2,966	19,518	4,874	5,262	3,148	1,843	5	991	0	39,682	4,765	496,622	1,862	2	17	588,731
Primary NJ	37,915	23,048	40,959	17,065	1,872	14,771	8,585	3,462	1,569	90	1,435	2	13,986	1,246,656	92,604	1,293	1,505,312
Other NJ	24,031	16,857	20,195	3,817	1,080	10,835	9,400	3,160	585	36	388	0	4,022	123,108	859,431	566	1,077,511
Other WHR (NY)	5,157	2,671	6,773	2,952	6,065	4,914	1,808	763	156	0	26,096	2,729	727	40,251	5,078	187,956	294,096
Total	545,947	279,807	662,337	413,704	227,133	509,893	516,260	93,889	542,631	484,630	352,833	115,206	554,199	1,462,326	964,716	204,976	7,930,487

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	245,856	16,877	12,141	621	224	442	8,866
Other Manh	219,907	146,390	30,162	1,543	4,097	478	9,009
Other NYC	663,701	198,987	1,070,505	92,417	26,581	3,365	30,617
Long Island	80,920	16,881	116,129	928,380	3,201	1,285	767
Other NYS	85,044	8,813	54,815	1,029	590,764	33,999	54,120
CT	29,658	4,874	10,258	991	44,464	496,622	1,864
NJ	163,005	20,882	53,165	2,280	3,684	18,008	2,321,799

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	30,514	887	2,625	5,807	1,712	618	2,113	47	424	14	61	0	2	601	10	30	45,465
Valley	490	224	101	229	56	15	90	4	7	0	2	0	0	29	0	1	1,248
Midtown	1,663	75	2,146	2,487	311	100	221	4	86	2	14	0	1	102	0	13	7,225
Uptown	8,170	432	5,030	139,372	17,788	715	6,244	9	1,190	50	339	0	117	992	9	2	180,459
Bronx	1,962	78	790	17,399	171,034	682	4,327	40	1,989	126	3,202	38	1,393	1,349	18	3	204,430
Queens	1,745	58	584	9,936	431	246,996	5,954	336	2,469	182	29	0	1	2,608	59	0	271,388
Brooklyn	4,289	235	734	784	3,783	13,346	319,287	2,252	1,286	161	3	0	0	4	0	0	346,164
Staten Island	8	2	0	9	48	228	3,053	62,686	634	45	1	0	0	2,138	463	0	69,315
Nassau	8	4	2	3,234	2,776	7,391	1,160	2	141,801	1,991	8	0	0	38	0	0	158,415
Suffolk	1	6	0	89	107	320	31	0	3,459	182,137	0	0	0	2	0	0	186,152
Westchester	66	7	32	1,462	1,553	283	1,192	0	1,113	106	132,240	2,121	2,799	2,142	33	2,284	147,433
Other EHR-NY	0	0	0	0	2	0	0	0	15	13	1,865	38,469	1,249	28	25	883	42,549
Connecticut	2	4	0	32	379	9	1	0	136	118	4,666	1,108	203,218	376	2	2	210,053
Primary NJ	1,871	103	515	2,256	1,563	60	1	4,045	16	19	1,069	0	319	430,218	21,725	5,931	469,711
Other NJ	32	6	7	27	11	2	0	356	1	12	3	0	0	24,325	273,308	732	298,822
Other WHR (NY)	3	3	2	63	100	3	21	0	186	33	3,960	918	78	2,974	877	82,634	91,855
Total	50,824	2,124	12,568	183,186	201,654	270,768	343,695	69,781	154,812	185,009	147,462	42,654	209,177	467,926	296,529	92,515	2,730,684

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	38,725	8,523	5,291	533	121	3	742
Other Manh	13,632	139,372	24,756	1,240	341	117	1,001
Other NYC	10,485	28,128	834,483	6,892	3,276	1,394	6,639
Long Island	21	3,323	11,787	329,388	8	-	40
Other NYS	113	1,525	3,154	1,466	265,374	4,126	6,079
CT	6	32	389	254	5,776	203,218	378
NJ	2,534	2,283	6,038	48	7,735	319	749,576

University Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	1,638	68	308	1,847	599	309	4,387	112	32	0	65	6	184	1,848	681	18	12,102
Valley	68	17	10	49	10	8	255	7	0	0	1	1	10	106	20	0	562
Midtown	255	12	235	1,213	297	122	413	8	5	0	23	0	50	605	189	19	3,446
Uptown	1,694	90	1,259	20,260	3,266	310	2,427	50	132	0	1,723	111	1,496	5,044	1,092	876	39,830
Bronx	3,061	146	2,635	3,289	18,945	2,942	4,043	0	48	0	3,606	1,146	1,339	3,858	1,090	1,315	47,463
Queens	5,425	366	3,275	10,155	1,116	22,220	1,208	455	3,666	89	1,360	532	2,094	9,076	2,487	228	63,752
Brooklyn	6,742	588	2,266	1,970	260	2,700	38,955	1,388	853	6	13	156	1,176	9,115	4,091	72	70,351
Staten Island	20	7	7	28	0	6	607	8,354	1	0	0	9	64	1,516	614	0	11,233
Nassau	440	31	297	635	593	2,599	998	110	14,044	560	28	296	2,011	1,915	692	178	25,427
Suffolk	30	0	30	49	37	275	40	2	2,401	21,716	25	45	1,830	3,679	671	53	30,883
Westchester	46	2	84	1,106	2,583	99	12	0	2	0	12,571	474	1,686	1,051	94	782	20,592
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	168	5,962	116	0	0	62	6,308
Connecticut	0	0	1	12	114	0	0	0	0	0	479	43	36,679	1	0	4	37,333
Primary NJ	2,805	240	2,082	1,659	249	30	99	120	0	0	38	542	520	67,042	5,922	866	82,214
Other NJ	31	3	21	1	0	0	0	3	0	0	1	233	203	1,991	42,395	140	45,022
Other WHR (NY)	0	0	0	51	20	0	0	0	0	0	189	349	42	932	76	9,572	11,231
Total	22,255	1,570	12,510	42,324	28,089	31,620	53,444	10,609	21,184	22,371	20,290	9,905	49,500	107,779	60,114	14,185	507,749

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	2,611	3,109	6,527	37	133	244	3,449
Other Manh	3,043	20,260	6,053	132	2,710	1,496	6,136
Other NYC	24,538	15,442	103,199	4,663	8,437	4,673	31,847
Long Island	828	684	4,654	38,721	625	3,841	6,957
Other NYS	132	1,157	2,714	2	30,129	1,844	2,153
CT	1	12	114	-	526	36,679	1
NJ	5,182	1,660	501	-	1,820	723	117,350

NYBPM2005 - Outbound Journeys

All Modes

(including School Bus for School Purpose Only)

Maintenance Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	128,197	8,253	29,410	11,106	196	5,764	11,034	13	79	5	102	0	1,255	432	24	334	196,204
Valley	2,909	1,845	961	399	4	195	492	0	3	1	4	0	40	11	0	8	6,872
Midtown	17,752	1,480	25,074	8,379	58	1,699	2,410	0	21	2	32	0	375	124	5	111	57,522
Uptown	44,008	4,352	37,311	297,017	24,605	5,871	7,948	9	152	18	606	3	49	4,092	144	5	426,190
Bronx	27,356	2,874	18,934	58,985	464,269	2,913	2,077	103	1,227	189	9,648	72	1,049	1,378	70	116	591,260
Queens	25,949	2,699	16,797	36,023	24,601	650,112	48,014	1,005	158,896	16,070	477	3	85	1,718	64	4	982,517
Brooklyn	48,259	6,390	20,583	16,461	893	8,111	993,735	3,827	9,566	1,074	196	3	32	1,557	106	6	1,110,799
Staten Island	2,620	578	513	1,479	1	22	6,938	239,595	0	0	0	0	0	9,944	32	0	261,722
Nassau	5,308	583	2,898	5,902	2,828	20,842	3,316	92	646,083	9,155	3,194	14	51	6,234	273	633	707,406
Suffolk	509	82	316	555	307	2,741	279	3	20,495	793,116	215	0	4	317	4	15	818,958
Westchester	1,770	109	2,625	2,358	9,614	2,241	1,309	0	89	0	450,922	701	14,900	6,224	0	1,752	494,614
Other EHR-NY	0	1	0	0	0	0	0	0	0	0	1,825	176,172	5,447	10	0	1,347	184,802
Connecticut	1	37	8	28	34	0	0	0	0	0	6,110	1,289	831,281	0	0	8	838,796
Primary NJ	16,804	2,022	8,775	6,756	2,150	2,974	1,410	11,674	6,668	208	1,960	3	4,312	1,836,272	24,134	5,846	1,931,968
Other NJ	650	111	289	169	45	72	50	1,493	115	5	31	3	60	39,825	1,310,009	1,817	1,354,744
Other WHR (NY)	2	10	2	30	7	0	0	1	0	0	2,389	624	2	10,226	963	343,755	358,011
Total	322,094	31,426	164,496	445,647	529,612	703,557	1,079,012	257,815	843,394	819,843	477,711	178,887	858,942	1,918,364	1,335,828	355,757	10,322,385

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	215,881	19,884	21,865	111	591	1,670	596
Other Manh	85,671	297,017	38,433	170	614	49	4,236
Other NYC	173,552	112,948	2,446,216	187,022	10,525	1,166	14,869
Long Island	9,696	6,457	30,408	1,468,849	4,071	55	6,828
Other NYS	4,519	2,388	13,172	89	979,487	20,349	17,423
CT	46	28	34	-	7,407	831,281	-
NJ	28,651	6,925	19,868	6,996	9,660	4,372	3,210,240

Discretionary Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	39,187	1,817	7,668	5,747	144	272	1,975	6	17	1	25	1	2	100	7	284	57,253
Valley	796	740	206	208	5	15	100	2	0	0	1	0	0	4	0	7	2,084
Midtown	2,716	194	6,466	2,580	40	71	291	0	3	0	7	0	2	16	3	79	12,468
Uptown	10,215	923	10,412	83,009	25,843	648	2,242	14	29	6	118	3	29	229	10	4	133,734
Bronx	1,863	182	1,524	5,953	126,294	1,745	1,361	53	343	84	2,518	67	440	2,788	303	57	145,575
Queens	1,868	159	1,440	7,181	1,314	229,777	13,906	107	66,406	15,316	238	3	80	288	37	13	338,133
Brooklyn	2,910	329	1,346	11,041	1,941	4,744	290,732	1,577	361	71	68	3	22	166	33	3	315,347
Staten Island	873	132	279	44	6	45	2,884	60,456	2	0	0	0	0	3,550	70	0	68,341
Nassau	1,041	105	722	468	5,465	17,996	3,911	97	197,729	5,422	272	5	71	557	32	359	234,252
Suffolk	471	38	317	154	1,041	3,811	583	11	9,482	254,062	50	0	10	60	2	26	270,118
Westchester	954	52	1,345	1,312	5,845	152	10	0	3	0	146,207	377	1,987	77	0	1,157	159,478
Other EHR-NY	3	1	3	2	1	0	0	0	0	0	1,043	59,654	990	1	0	628	62,326
Connecticut	0	6	0	0	13	0	0	0	0	0	5,763	1,299	265,633	2	0	1	272,717
Primary NJ	10,195	1,141	6,816	5,600	6,378	480	789	1,624	3,694	259	9,018	59	41	497,045	12,340	4,708	560,187
Other NJ	758	105	448	343	285	28	84	414	156	6	391	18	2	19,362	376,009	1,302	399,711
Other WHR (NY)	1	3	0	13	14	0	0	0	0	0	1,381	423	5	4,513	674	116,731	123,758
Total	73,851	5,927	38,992	123,655	174,629	259,784	318,868	64,361	278,225	275,227	167,100	61,912	269,314	528,758	389,520	125,359	3,155,482

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	59,790	8,535	2,921	21	404	4	130
Other Manh	21,550	83,009	28,747	35	125	29	239
Other NYC	12,905	24,219	736,942	82,583	2,970	542	7,235
Long Island	2,694	622	32,915	466,695	712	81	651
Other NYS	2,362	1,327	6,022	3	327,601	2,982	5,265
CT	6	-	13	-	7,063	265,633	2
NJ	19,463	5,943	10,082	4,115	15,496	43	904,756

At-Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	60,239	5,624	19,978	8,620	193	1,932	5,737	13	315	59	33	0	7	254	10	3	103,017
Valley	12,464	27,373	3,473	3,540	103	894	4,763	5	151	29	16	0	3	110	4	0	52,928
Midtown	20,924	1,554	77,464	16,830	278	3,046	5,116	6	423	70	54	0	8	281	6	1	126,061
Uptown	7,311	1,024	15,571	45,743	2,551	1,133	891	29	92	23	299	2	37	581	26	10	75,323
Bronx	1,564	208	1,774	11,296	21,084	323	117	11	153	31	5,235	35	103	803	76	18	42,831
Queens	2,719	393	3,411	1,534	477	70,137	13,896	92	2,962	436	280	5	82	381	32	9	96,846
Brooklyn	10,293	2,345	4,642	3,269	139	2,017	71,542	222	449	67	71	0	24	254	24	2	95,360
Staten Island	553	101	307	134	33	151	694	14,228	51	9	15	0	4	748	110	6	17,144
Nassau	622	131	578	296	358	7,733	1,182	45	82,989	4,966	148	0	322	1,042	92	4	100,508
Suffolk	72	12	75	42	66	689	123	5	3,448	85,357	32	0	64	197	24	1	90,207
Westchester	899	118	939	1,837	3,433	619	201	15	218	57	54,422	207	998	549	27	1,073	65,612
Other EHR-NY	26	6	47	65	98	17	7	2	10	3	806	18,782	394	67	8	595	20,933
Connecticut	100	19	116	209	263	62	11	0	21	0	1,741	148	100,476	24	0	17	103,207
Primary NJ	1,870	404	1,654	2,719	531	830	890	952	1,376	341	584	13	1,894	246,577	10,279	1,515	272,429
Other NJ	139	24	144	248	53	98	164	280	188	38	46	3	224	13,701	163,768	308	179,426
Other WHR (NY)	189	26	260	366	156	45	20	7	18	2	1,430	302	105	636	64	34,342	37,968
Total	119,984	39,362	130,433	96,748	29,816	89,726	105,354	15,912	92,864	91,488	65,212	19,497	104,745	266,205	174,550	37,904	1,479,800

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	229,093	28,990	22,086	1,047	107	18	665
Other Manh	23,906	45,743	4,604	115	311	37	607
Other NYC	28,310	16,233	195,163	4,158	5,676	213	2,428
Long Island	1,490	338	10,201	176,760	185	386	1,355
Other NYS	2,510	2,268	4,620	308	111,959	1,497	1,351
CT	235	209	336	21	1,906	100,476	24
NJ	4,235	2,967	3,798	1,943	2,469	2,118	434,325

NYBPM2005 - Outbound Journeys

Auto and Taxi Trips

Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	13,610	6,186	13,393	2,683	58	2,365	1,094	12	115	63	45	6	70	2,500	868	4	43,072
Valley	694	496	711	140	4	171	66	0	4	3	5	0	2	108	48	1	2,453
Midtown	3,214	1,493	4,677	819	21	906	281	3	28	11	23	2	17	553	205	1	12,254
Uptown	18,165	8,506	23,216	30,598	3,980	2,842	2,787	24	424	206	1,673	113	195	3,634	1,262	37	97,662
Bronx	7,106	2,689	8,671	16,034	91,205	10,145	11,423	123	1,993	495	12,367	112	676	10,565	1,188	162	174,954
Queens	19,173	9,392	20,921	21,393	2,738	183,757	52,450	468	50,452	20,845	1,873	121	1,057	1,491	453	102	386,686
Brooklyn	17,545	8,905	16,305	6,351	1,938	18,605	187,437	1,931	5,807	2,676	4,358	232	688	2,480	923	89	276,270
Staten Island	3,022	1,723	2,216	443	430	7,044	19,318	70,105	301	14	54	0	193	8,878	874	8	114,623
Nassau	4,524	2,404	4,473	3,268	2,373	46,124	9,541	398	402,731	15,378	2,383	1	604	601	26	7	494,836
Suffolk	2,259	1,075	2,674	1,422	1,688	41,020	5,304	50	32,662	428,673	744	0	647	92	1	0	518,311
Westchester	4,290	1,403	6,910	1,784	22,784	7,429	1,829	19	582	15	217,984	616	14,241	7,339	25	10,841	298,091
Other EHR-NY	629	214	916	114	1,955	859	414	3	169	1	15,409	103,340	18,167	1,123	109	3,755	147,177
Connecticut	1,658	577	3,185	1,804	4,885	3,013	1,673	5	934	0	38,636	4,760	474,318	1,790	2	17	537,257
Primary NJ	7,864	4,100	6,953	2,649	1,745	13,167	7,554	3,405	1,077	79	1,404	2	13,546	1,053,294	90,647	1,280	1,208,766
Other NJ	7,792	4,352	5,854	1,382	987	9,854	8,498	3,144	521	30	378	0	3,733	120,155	835,694	566	1,002,940
Other WHR (NY)	1,550	549	2,171	1,242	5,907	4,559	1,652	735	142	0	25,674	2,712	717	39,172	5,073	181,543	273,398
Total	113,095	54,064	123,246	92,126	142,698	351,860	311,321	80,425	497,942	468,489	323,010	112,017	528,871	1,253,775	937,398	198,413	5,588,750

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	44,474	3,642	4,981	224	87	89	4,282
Other Manh	49,887	30,598	9,633	630	1,823	195	4,896
Other NYC	117,668	44,221	659,117	82,583	19,478	2,614	26,852
Long Island	17,409	4,690	106,498	879,444	3,135	1,251	720
Other NYS	18,632	3,140	48,145	909	561,874	33,125	52,841
CT	5,420	1,804	9,576	934	43,413	474,318	1,792
NJ	36,915	4,031	48,354	1,707	3,630	17,279	2,099,790

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	3,370	139	572	1,725	897	331	1,004	29	391	13	59	0	2	535	10	28	9,105
Valley	120	23	45	88	30	10	51	4	6	0	2	0	0	27	0	1	407
Midtown	381	23	157	498	175	58	109	2	75	2	13	0	1	89	0	13	1,596
Uptown	2,718	142	1,432	20,319	8,650	367	2,848	7	1,090	48	307	0	113	870	9	2	38,922
Bronx	261	4	88	2,297	33,907	158	857	37	1,774	122	2,864	38	1,306	1,204	18	3	44,938
Queens	294	8	76	1,561	164	77,380	2,179	318	2,228	176	28	0	1	2,336	57	0	86,806
Brooklyn	468	22	70	79	923	4,149	67,306	2,012	1,159	154	3	0	0	3	0	0	76,348
Staten Island	1	0	0	0	47	220	2,894	31,802	621	45	1	0	0	2,108	461	0	38,200
Nassau	2	4	1	2,425	2,567	6,790	1,071	2	86,287	1,902	7	0	0	35	0	0	101,093
Suffolk	1	4	0	66	102	294	29	0	3,283	141,238	0	0	0	2	0	0	145,019
Westchester	54	2	18	1,075	1,326	263	1,040	0	1,093	106	88,312	2,105	2,751	2,071	33	2,257	102,506
Other EHR-NY	0	0	0	0	2	0	0	0	15	13	1,840	33,133	1,249	28	25	883	37,188
Connecticut	1	2	0	22	339	8	1	0	134	118	4,401	1,101	160,299	361	2	2	166,791
Primary NJ	1,453	76	386	1,881	1,438	54	1	3,968	16	19	1,008	0	314	253,355	21,512	5,813	291,294
Other NJ	26	4	6	23	11	2	0	350	1	12	3	0	0	23,782	227,436	732	252,388
Other WHR (NY)	2	3	2	53	97	3	20	0	185	33	3,903	916	78	2,912	877	63,801	72,885
Total	9,152	456	2,853	32,112	50,675	90,087	79,410	38,531	98,358	144,001	102,751	37,293	166,114	289,718	250,440	73,535	1,465,486

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	4,830	2,311	2,700	487	116	3	661
Other Manh	4,292	20,319	11,872	1,138	309	113	879
Other NYC	1,292	3,937	224,353	6,279	2,937	1,307	6,187
Long Island	12	2,491	10,855	232,710	7	-	37
Other NYS	81	1,128	2,751	1,445	197,150	4,078	5,946
CT	3	22	348	252	5,504	160,299	363
NJ	1,951	1,904	5,824	48	7,556	314	526,085

University Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	195	8	53	196	126	93	476	36	14	0	29	1	127	370	304	10	2,038
Valley	15	0	2	7	1	5	30	7	0	0	0	1	10	41	7	0	126
Midtown	55	3	22	68	49	25	62	3	3	0	6	0	34	142	86	10	568
Uptown	494	20	274	2,088	189	82	457	11	44	0	573	24	1,042	1,093	483	351	7,225
Bronx	215	4	114	96	2,901	1,041	961	0	40	0	3,019	1,140	1,329	2,527	1,019	1,165	15,571
Queens	471	20	140	535	124	5,842	202	429	3,422	88	1,317	532	2,094	6,379	2,339	197	24,131
Brooklyn	323	36	68	45	46	863	6,821	1,032	736	6	10	156	1,175	5,690	3,850	58	20,915
Staten Island	1	1	0	1	0	6	599	6,683	1	0	0	9	64	1,449	614	0	9,428
Nassau	78	7	24	126	589	2,580	996	110	11,207	536	28	296	2,011	1,854	685	178	21,305
Suffolk	2	0	2	5	36	275	40	2	2,329	20,309	25	45	1,830	3,666	670	53	29,289
Westchester	16	0	8	206	2,558	99	12	0	2	0	9,906	474	1,627	1,018	94	742	16,762
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	168	5,679	116	0	0	62	6,025
Connecticut	0	0	0	7	114	0	0	0	0	0	439	42	31,779	1	0	4	32,386
Primary NJ	388	26	149	123	240	28	96	119	0	0	38	542	520	49,750	5,826	866	58,711
Other NJ	3	0	2	0	0	0	0	3	0	0	1	233	203	1,930	40,309	140	42,824
Other WHR (NY)	0	0	0	3	20	0	0	0	0	0	152	349	42	932	76	8,788	10,362
Total	2,256	125	858	3,506	6,993	10,939	10,752	8,435	17,798	20,939	15,711	9,523	44,003	76,842	56,362	12,624	297,666

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	353	271	913	17	57	171	950
Other Manh	788	2,088	739	44	948	1,042	1,576
Other NYC	1,393	677	27,550	4,293	7,603	4,662	23,867
Long Island	113	131	4,628	34,381	625	3,841	6,875
Other NYS	24	209	2,689	2	26,320	1,785	2,120
CT	-	7	114	-	485	31,779	1
NJ	568	123	486	-	1,820	723	97,815

NYBPM2005 - Outbound Journeys

Auto and Taxi Trips

Maintenance Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	24,273	2,665	10,523	4,934	99	2,470	5,262	9	21	4	25	0	406	193	19	236	51,139
Valley	922	121	401	186	2	91	255	0	2	1	1	0	13	7	0	7	2,009
Midtown	6,135	598	3,585	1,823	27	723	1,182	0	5	1	12	0	135	44	4	90	14,364
Uptown	19,920	1,910	12,489	54,861	11,122	2,587	4,295	8	40	7	229	2	17	1,899	101	5	109,492
Bronx	9,613	865	6,063	19,340	226,263	2,373	1,706	98	1,142	185	8,468	72	998	1,220	68	114	278,588
Queens	9,651	1,028	5,501	14,275	21,270	365,810	37,537	959	145,649	15,404	445	3	83	1,549	63	4	619,231
Brooklyn	16,254	2,109	6,306	5,915	697	3,734	516,971	3,496	8,742	1,021	179	3	30	1,402	104	6	566,969
Staten Island	1,208	247	219	708	1	22	6,504	208,101	0	0	0	0	0	9,799	32	0	226,841
Nassau	2,551	286	1,332	3,259	2,715	19,902	3,186	91	588,088	9,040	3,155	14	50	6,082	271	630	640,652
Suffolk	209	29	129	295	302	2,659	272	3	20,337	759,560	214	0	4	311	4	15	784,343
Westchester	473	29	568	659	8,735	2,145	1,197	0	87	0	415,607	701	14,816	5,894	0	1,737	452,648
Other EHR-NY	0	1	0	0	0	0	0	0	0	0	1,824	170,025	5,447	10	0	1,331	178,638
Connecticut	0	25	1	10	29	0	0	0	0	0	6,050	1,289	789,823	0	0	8	797,235
Primary NJ	4,704	480	2,200	2,448	2,017	2,751	1,298	11,572	6,380	205	1,890	3	4,256	1,592,180	24,057	5,785	1,662,226
Other NJ	165	33	66	59	44	69	49	1,493	114	5	31	3	60	39,721	1,256,978	1,817	1,300,707
Other WHR (NY)	0	3	1	17	6	0	0	1	0	0	2,378	621	2	10,140	963	327,151	341,283
Total	96,078	10,429	49,384	108,789	273,329	405,336	579,714	225,831	770,607	785,433	440,508	172,736	816,140	1,670,451	1,282,664	338,936	8,026,365

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	49,223	6,943	10,120	34	371	554	267
Other Manh	34,319	54,861	18,012	47	236	17	2,000
Other NYC	59,064	40,238	1,395,542	172,143	9,294	1,111	14,237
Long Island	4,536	3,554	29,130	1,377,025	4,028	54	6,668
Other NYS	1,075	676	12,084	87	921,375	20,265	17,007
CT	26	10	29	-	7,347	789,823	-
NJ	7,648	2,507	19,293	6,704	9,529	4,316	2,912,936

Discretionary Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	6,008	556	3,024	3,287	63	132	717	5	12	1	17	1	2	63	7	257	14,152
Valley	255	35	122	119	1	9	41	2	0	0	1	0	0	3	0	7	595
Midtown	1,164	109	787	913	16	30	104	0	0	0	5	0	1	9	3	76	3,217
Uptown	5,567	490	4,070	22,395	10,208	272	862	10	18	6	82	3	26	135	10	4	44,158
Bronx	502	54	324	1,283	67,032	1,471	1,106	50	340	84	2,417	67	440	2,727	302	57	78,256
Queens	610	46	341	2,439	1,122	126,167	10,835	107	64,955	15,245	234	3	80	281	37	13	222,515
Brooklyn	647	62	260	2,677	1,515	3,124	158,018	1,543	354	71	67	3	22	157	33	3	168,556
Staten Island	444	62	120	21	6	45	2,831	50,118	2	0	0	0	0	3,537	70	0	57,256
Nassau	610	61	349	289	5,444	17,805	3,887	97	166,857	5,353	271	5	71	556	32	359	202,046
Suffolk	124	11	51	48	1,039	3,805	583	11	9,381	228,044	50	0	10	60	2	26	243,245
Westchester	819	45	1,007	1,158	5,742	151	10	0	3	0	127,703	377	1,966	77	0	1,154	140,212
Other EHR-NY	0	0	0	1	1	0	0	0	0	0	1,043	51,241	990	1	0	618	53,895
Connecticut	0	3	0	0	13	0	0	0	0	0	5,718	1,299	239,859	2	0	1	246,895
Primary NJ	3,374	303	1,856	2,437	6,258	472	774	1,624	3,669	259	8,945	59	41	403,727	12,327	4,697	450,822
Other NJ	222	33	130	134	283	28	84	414	156	6	391	18	2	19,342	339,776	1,302	362,321
Other WHR (NY)	1	2	0	12	14	0	0	0	0	0	1,377	422	5	4,501	674	101,180	108,188
Total	20,347	1,872	12,441	37,213	98,757	153,511	179,852	53,981	245,747	249,069	148,321	53,498	243,515	435,178	353,273	109,754	2,396,329

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	12,060	4,319	1,120	13	364	3	85
Other Manh	10,127	22,395	11,352	24	89	26	145
Other NYC	3,472	6,420	425,090	81,051	2,864	542	7,144
Long Island	1,206	337	32,671	409,635	711	81	650
Other NYS	1,874	1,171	5,918	3	285,115	2,961	5,253
CT	3	-	13	-	7,018	239,859	2
NJ	5,918	2,571	9,937	4,090	15,412	43	775,172

At-Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	9,217	1,379	5,934	6,123	90	1,059	2,296	13	212	59	20	0	7	120	9	3	26,541
Valley	4,449	1,333	2,371	2,589	40	562	1,636	5	128	29	9	0	3	58	3	0	13,215
Midtown	8,179	1,059	9,812	9,643	125	1,390	2,121	6	273	69	34	0	8	128	5	1	32,853
Uptown	4,157	580	4,805	13,977	799	577	338	29	64	22	172	2	37	244	24	9	25,836
Bronx	1,126	128	1,145	7,811	4,307	280	103	11	153	31	5,223	35	103	802	76	18	21,352
Queens	2,086	320	1,865	974	446	30,719	12,714	92	2,956	436	280	5	82	381	32	9	53,397
Brooklyn	7,253	1,268	2,944	2,533	123	1,389	25,730	220	449	67	71	0	24	253	24	2	42,350
Staten Island	491	95	285	122	33	151	693	11,742	51	9	15	0	4	746	110	6	14,553
Nassau	592	129	505	296	358	7,717	1,180	45	71,501	4,944	148	0	322	1,042	92	4	88,875
Suffolk	72	12	74	42	66	689	123	5	3,427	76,357	32	0	64	197	24	1	81,185
Westchester	847	105	869	1,837	3,426	619	201	15	218	57	46,956	207	990	549	27	1,073	57,996
Other EHR-NY	26	6	47	65	98	17	7	2	10	3	806	16,329	394	67	8	592	18,477
Connecticut	100	19	116	209	263	62	11	0	21	0	1,732	148	89,991	24	0	17	92,713
Primary NJ	1,324	215	1,030	2,719	530	827	888	952	1,376	341	584	13	1,894	199,588	10,274	1,504	224,059
Other NJ	136	24	132	248	52	98	164	280	188	38	46	3	224	13,697	148,438	308	164,076
Other WHR (NY)	189	26	259	366	156	45	20	7	18	2	1,430	300	105	627	64	30,208	33,822
Total	40,244	6,698	32,193	49,554	10,912	46,201	48,225	13,424	81,045	82,464	57,558	17,042	94,252	218,523	159,210	33,755	991,300

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	43,733	18,355	9,343	770	67	18	323
Other Manh	9,542	13,977	1,743	86	183	37	268
Other NYC	19,006	11,440	88,753	4,152	5,664	213	2,424
Long Island	1,384	338	10,183	156,229	185	386	1,355
Other NYS	2,374	2,268	4,613	308	97,901	1,489	1,342
CT	235	209	336	21	1,897	89,991	24
NJ	2,861	2,967	3,791	1,943	2,458	2,118	371,997

NYBPM2005 - Outbound Journeys

Commuter Rail

Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	250	0	0	101	44	76	8	284	1,130	503	6	2,402
Valley	0	0	0	0	0	4	0	0	3	0	2	1	7	44	20	0	81
Midtown	0	0	0	0	2	77	0	0	25	14	21	5	60	266	130	0	600
Uptown	0	0	0	0	11	381	0	0	315	163	1,560	217	276	1,462	596	2	4,983
Bronx	942	576	5,068	1,061	10	7	0	1	30	6	810	11	107	144	32	1	8,806
Queens	6,612	2,916	6,789	2,973	6	0	0	6	385	229	33	11	110	30	14	0	20,114
Brooklyn	0	0	0	0	0	0	0	0	93	56	487	98	273	35	19	4	1,065
Staten Island	0	0	0	0	0	1	0	0	0	0	1	0	8	9	1	0	20
Nassau	10,526	5,397	12,365	5,497	68	843	352	6	1,229	77	20	0	7	16	0	0	36,403
Suffolk	12,411	5,347	14,091	6,010	101	3,567	538	1	203	763	23	0	24	7	0	0	43,086
Westchester	8,110	3,280	22,951	2,032	665	163	103	0	5	0	3,103	2	361	56	0	21	40,852
Other EHR-NY	3,366	1,796	9,066	334	228	145	101	1	4	0	190	162	124	34	1	0	15,552
Connecticut	5,476	2,375	16,276	3,064	346	135	169	0	51	0	790	5	3,206	67	0	0	31,960
Primary NJ	7,344	3,938	6,219	1,964	38	346	181	14	26	1	10	0	363	17,066	1,164	0	38,674
Other NJ	12,416	7,566	10,932	1,844	91	934	528	13	41	4	10	0	288	2,340	3,043	0	40,050
Other WHR (NY)	3,151	1,912	3,252	1,123	99	317	133	28	3	0	82	17	7	435	4	324	10,887
Total	70,354	35,103	107,009	25,902	1,665	7,170	2,105	70	2,514	1,357	7,218	537	5,505	23,141	5,527	358	295,535

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	333	187	119	351	2,093
Other Manh	-	-	392	478	1,779	276	2,058
Other NYC	22,903	4,034	31	799	1,456	498	284
Long Island	60,137	11,507	5,476	2,272	43	31	23
Other NYS	56,884	3,489	1,983	12	3,901	492	530
CT	24,127	3,064	650	51	795	3,206	67
NJ	48,415	3,808	2,145	72	20	651	23,613

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Midtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uptown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bronx	2	0	8	36	27	0	0	1	16	0	118	0	57	4	0	0	269
Queens	23	2	7	141	1	0	0	0	22	2	0	0	0	12	0	0	210
Brooklyn	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	12
Staten Island	0	0	0	0	0	0	0	0	3	0	0	0	0	1	0	0	4
Nassau	5	0	1	702	141	321	72	0	0	72	1	0	0	1	0	0	1,316
Suffolk	0	2	0	23	4	18	2	0	138	0	0	0	0	0	0	0	187
Westchester	8	4	13	334	163	11	86	0	11	0	0	16	40	45	0	16	747
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	25	12	0	0	0	0	37
Connecticut	1	2	0	10	39	1	0	0	2	0	244	7	163	15	0	0	484
Primary NJ	186	13	59	166	27	1	0	23	0	0	28	0	3	2,084	170	82	2,842
Other NJ	6	1	1	4	0	0	0	6	0	0	0	0	0	481	112	0	611
Other WHR (NY)	1	0	0	6	0	0	1	0	1	0	20	2	0	46	0	20	97
Total	232	24	89	1,422	402	352	161	30	205	74	436	37	263	2,689	282	118	6,816

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	-	-	-	-	-
Other Manh	-	-	-	-	-	-	-
Other NYC	42	177	29	55	118	57	17
Long Island	8	725	558	210	1	-	1
Other NYS	26	340	261	12	111	40	91
CT	3	10	40	2	251	163	15
NJ	266	170	57	-	110	3	2,847

University Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	2	2	0	0	2	0	14	5	57	100	208	0	390
Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	9
Midtown	0	0	0	0	3	0	0	0	0	0	8	0	16	17	38	0	82
Uptown	0	0	0	0	2	0	0	0	3	0	350	87	448	578	154	1	1,623
Bronx	5	0	132	6	1	0	0	0	0	0	24	6	9	6	0	0	189
Queens	89	7	56	102	0	0	0	0	0	0	0	0	0	0	0	0	254
Brooklyn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassau	362	24	273	509	3	0	0	0	221	13	0	0	0	0	0	0	1,405
Suffolk	28	0	28	44	1	0	0	0	31	145	0	0	0	0	0	0	277
Westchester	14	0	56	316	8	0	0	0	0	0	0	0	0	0	0	0	394
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	6
Primary NJ	1,010	66	742	397	2	0	0	0	0	0	0	0	0	485	45	0	2,747
Other NJ	15	2	11	0	0	0	0	0	0	0	0	0	0	12	146	0	186
Other WHR (NY)	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	1,523	99	1,299	1,381	22	2	0	0	257	158	396	98	530	1,201	597	1	7,564

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	7	2	27	73	372
Other Manh	-	-	2	3	438	448	732
Other NYC	289	108	1	-	30	9	6
Long Island	715	553	4	410	-	-	-
Other NYS	70	318	8	-	-	-	-
CT	1	5	-	-	-	-	-
NJ	1,846	397	2	-	-	-	688

NYBPM2005 - Outbound Journeys

Commuter Rail

Maintenance Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	4	1,375	0	0	51	1	65	0	817	156	2	55	2,526
Valley	0	0	0	0	0	42	0	0	1	0	3	0	24	3	0	0	73
Midtown	0	0	0	0	0	287	0	0	13	1	17	0	224	39	1	10	592
Uptown	0	0	0	0	71	1,358	0	0	102	10	286	1	31	1,412	34	0	3,305
Bronx	128	14	269	124	66	23	0	0	18	2	241	0	27	32	2	0	946
Queens	534	47	258	522	3	0	0	3	1,729	199	5	0	1	20	0	0	3,321
Brooklyn	0	0	0	0	0	0	0	0	157	24	2	0	0	8	1	0	192
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8
Nassau	2,757	297	1,566	2,643	52	285	63	0	0	0	18	0	1	61	1	1	7,745
Suffolk	300	53	187	260	5	49	5	0	0	0	1	0	0	3	0	0	863
Westchester	493	34	1,046	665	264	26	19	0	0	0	0	0	0	56	0	0	2,603
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut	1	12	6	16	4	0	0	0	0	0	0	0	0	0	0	0	39
Primary NJ	4,178	503	2,213	1,375	14	22	12	4	70	2	10	0	27	2,789	20	25	11,264
Other NJ	410	60	179	91	1	2	1	0	1	0	0	0	0	15	231	0	991
Other WHR (NY)	0	7	1	2	0	0	0	0	0	0	0	0	0	23	0	0	33
Total	8,801	1,027	5,725	5,698	484	3,469	100	7	2,142	239	648	1	1,152	4,625	292	91	34,501

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	1,708	67	150	1,065	201
Other Manh	-	-	1,429	112	287	31	1,446
Other NYC	1,250	646	95	2,129	248	28	71
Long Island	5,160	2,903	459	-	20	1	65
Other NYS	1,581	667	309	-	-	-	79
CT	19	16	4	-	-	-	-
NJ	7,543	1,466	56	73	35	27	3,055

Discretionary Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	1	5
Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Midtown	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Uptown	0	0	0	0	0	4	0	0	1	0	2	0	1	2	0	0	10
Bronx	2	0	16	3	2	0	0	0	0	0	0	0	0	0	0	0	23
Queens	16	1	7	65	0	0	0	0	0	0	0	0	0	0	0	0	89
Brooklyn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassau	431	44	373	179	0	0	0	0	491	17	0	0	0	0	0	0	1,535
Suffolk	347	27	266	106	1	0	0	0	62	400	0	0	0	0	0	0	1,209
Westchester	135	7	338	154	8	0	0	0	0	0	0	0	0	0	0	0	642
Other EHR-NY	3	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	8
Connecticut	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Primary NJ	1,331	129	934	534	4	0	0	0	0	0	0	0	0	0	0	0	2,932
Other NJ	462	57	256	175	1	0	0	0	0	0	0	0	0	0	0	0	951
Other WHR (NY)	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	2,727	270	2,193	1,218	16	7	0	0	554	417	3	0	2	2	0	1	7,410

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	3	-	2	1	-
Other Manh	-	-	4	1	2	1	2
Other NYC	42	68	2	-	-	-	-
Long Island	1,488	285	1	970	-	-	-
Other NYS	488	156	8	-	-	-	-
CT	3	-	-	-	-	-	-
NJ	3,169	709	5	-	-	-	-

At-Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Midtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uptown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bronx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Queens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brooklyn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassau	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suffolk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westchester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	-	-	-	-	-
Other Manh	-	-	-	-	-	-	-
Other NYC	-	-	-	-	-	-	-
Long Island	-	-	-	-	-	-	-
Other NYS	-	-	-	-	-	-	-
CT	-	-	-	-	-	-	-
NJ	-	-	-	-	-	-	-

NYBPM2005 - Outbound Journeys

Subway + Bus

Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	30,702	21,415	45,697	9,058	144	2,388	2,245	8	137	34	12	0	2	1,741	71	1	113,655
Valley	1,760	14	2,320	379	6	98	108	0	3	2	2	0	0	74	5	0	4,771
Midtown	10,729	5,678	7,095	2,591	36	770	577	1	28	6	3	0	0	573	27	0	28,114
Uptown	53,019	27,349	69,629	75,953	4,561	6,018	5,107	19	369	66	486	0	7	1,962	93	9	244,647
Bronx	27,843	13,190	37,973	55,080	39,715	4,423	5,462	12	618	44	4,810	0	37	1,473	33	5	190,718
Queens	59,234	30,928	79,910	60,750	1,496	76,195	18,195	221	6,457	760	325	0	153	1,152	41	5	335,822
Brooklyn	93,551	54,501	99,966	33,116	1,201	8,817	113,989	464	955	186	492	0	62	652	32	8	407,992
Staten Island	9,205	8,142	8,181	1,298	21	205	2,025	7,557	15	0	2	0	1	97	1	0	36,750
Nassau	1,110	629	1,508	671	58	3,561	354	3	17,534	218	23	0	3	24	0	0	25,696
Suffolk	39	27	61	13	2	162	15	0	206	4,756	0	0	0	0	0	0	5,281
Westchester	2,609	928	3,975	1,597	4,249	237	81	0	97	0	7,518	0	309	104	0	69	21,773
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	628	1	0	0	0	629
Connecticut	40	14	57	6	31	0	1	0	6	0	253	0	8,869	5	0	0	9,282
Primary NJ	22,707	15,010	27,787	12,452	89	1,258	850	43	466	10	20	0	77	99,011	784	11	180,575
Other NJ	3,823	4,939	3,409	591	2	47	374	3	23	2	0	0	1	610	4,239	0	18,063
Other WHR (NY)	456	210	1,350	587	59	38	23	0	11	0	340	0	3	622	1	1,412	5,112
Total	316,827	182,974	388,918	254,142	51,670	104,217	149,406	8,331	26,925	6,084	14,286	628	9,525	108,100	5,327	1,520	1,628,880

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	125,410	12,028	6,381	210	18	2	2,491
Other Manh	149,997	75,953	15,705	435	495	7	2,055
Other NYC	522,624	150,244	279,998	9,035	5,647	253	3,481
Long Island	3,374	684	4,155	22,714	23	3	24
Other NYS	9,528	2,184	4,687	108	9,967	313	727
CT	111	6	32	6	253	8,869	5
NJ	77,675	13,043	2,666	501	31	78	104,644

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	3,959	306	1,373	3,801	815	287	1,109	18	33	1	2	0	0	66	0	2	11,772
Valley	199	1	56	141	26	5	39	0	1	0	0	0	0	2	0	0	470
Midtown	758	52	238	1,020	136	42	112	2	11	0	1	0	0	13	0	0	2,385
Uptown	5,337	290	2,773	29,812	9,102	348	3,396	2	100	2	32	0	4	122	0	0	51,320
Bronx	1,699	74	694	14,832	27,673	524	3,470	2	199	4	220	0	30	141	0	0	49,562
Queens	1,428	48	501	8,234	266	49,677	3,775	18	219	4	1	0	0	260	2	0	64,433
Brooklyn	3,821	213	664	705	2,860	9,197	63,097	240	115	7	0	0	0	1	0	0	80,920
Staten Island	7	2	0	9	1	8	159	3,211	10	0	0	0	0	29	2	0	3,438
Nassau	1	0	0	107	68	280	17	0	4,029	17	0	0	0	2	0	0	4,521
Suffolk	0	0	0	0	1	8	0	0	38	2,164	0	0	0	0	0	0	2,211
Westchester	4	1	1	53	64	9	66	0	9	0	3,342	0	8	26	0	11	3,594
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	1,114	0	0	0	0	1,114
Connecticut	0	0	0	0	1	0	0	0	0	0	21	0	2,872	0	0	0	2,894
Primary NJ	232	14	70	209	98	5	0	54	0	0	33	0	2	14,378	43	36	15,174
Other NJ	0	1	0	0	0	0	0	0	0	0	0	0	0	62	480	0	543
Other WHR (NY)	0	0	0	4	3	0	0	0	0	0	37	0	0	16	0	2,100	2,160
Total	17,445	1,002	6,370	58,927	41,114	60,390	75,240	3,547	4,764	2,199	3,689	1,114	2,916	15,118	527	2,149	296,511

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	6,942	4,962	2,591	46	5	-	81
Other Manh	8,400	29,812	12,848	102	32	4	122
Other NYC	9,151	23,780	164,178	558	221	30	435
Long Island	1	107	374	6,248	-	-	2
Other NYS	6	57	142	9	6,604	8	42
CT	-	-	1	-	21	2,872	-
NJ	317	209	157	-	69	2	14,963

University Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	470	40	203	685	471	214	2,019	76	16	0	22	0	0	1,378	169	8	5,771
Valley	41	4	8	42	9	3	98	0	0	0	1	0	0	62	7	0	275
Midtown	166	9	36	222	245	75	351	5	2	0	9	0	0	446	65	9	1,640
Uptown	1,192	70	914	5,358	749	172	1,970	39	85	0	800	0	6	3,373	455	524	15,707
Bronx	2,841	142	2,389	2,689	9,171	1,899	3,082	0	8	0	563	0	1	1,325	71	150	24,331
Queens	4,865	339	3,079	9,511	983	11,491	764	26	244	1	43	0	0	2,697	148	31	34,222
Brooklyn	6,399	552	2,197	1,925	214	1,721	22,602	356	117	0	3	0	1	3,425	241	14	39,767
Staten Island	19	6	7	27	0	0	8	1,097	0	0	0	0	0	67	0	0	1,231
Nassau	0	0	0	0	1	19	2	0	1,895	11	0	0	0	61	7	0	1,996
Suffolk	0	0	0	0	0	0	0	0	41	719	0	0	0	13	1	0	774
Westchester	16	2	20	584	17	0	0	0	0	0	1,968	0	58	33	0	40	2,738
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	217	0	0	0	0	217
Connecticut	0	0	0	0	0	0	0	0	0	0	39	1	3,562	0	0	0	3,602
Primary NJ	1,407	148	1,191	1,139	7	2	3	1	0	0	0	0	0	6,944	51	0	10,893
Other NJ	13	1	8	1	0	0	0	0	0	0	0	0	0	49	207	0	279
Other WHR (NY)	0	0	0	46	0	0	0	0	0	0	37	0	0	0	0	572	655
Total	17,429	1,313	10,052	22,229	11,867	15,596	30,899	1,600	2,408	731	3,485	218	3,628	19,873	1,422	1,348	144,098

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	977	949	3,566	18	49	-	2,127
Other Manh	2,176	5,358	2,930	85	1,324	6	3,828
Other NYC	22,835	14,152	53,414	370	804	2	7,974
Long Island	-	-	22	2,666	-	-	82
Other NYS	38	630	17	-	2,834	58	33
CT	-	-	-	-	40	3,562	-
NJ	2,768	1,140	13	-	-	-	7,251

NYBPM2005 - Outbound Journeys **Subway + Bus**

Maintenance Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	22,440	3,309	14,311	5,725	93	1,919	5,179	4	7	0	12	0	32	83	3	43	53,160
Valley	1,097	3	560	213	2	62	213	0	0	0	0	0	3	1	0	1	2,155
Midtown	8,067	882	2,401	2,185	31	653	1,228	0	3	0	3	0	16	41	0	11	15,521
Uptown	23,357	2,442	15,855	55,258	9,203	1,864	3,653	1	10	1	91	0	1	781	9	0	112,526
Bronx	17,615	1,995	12,602	34,050	54,057	442	371	5	67	2	939	0	24	126	0	2	122,297
Queens	15,748	1,624	10,898	21,035	3,274	60,264	5,563	43	11,518	467	27	0	1	149	1	0	130,612
Brooklyn	31,154	4,145	14,265	10,546	196	690	127,573	331	667	29	15	0	2	147	1	0	189,761
Staten Island	1,412	331	294	771	0	0	434	9,227	0	0	0	0	0	137	0	0	12,606
Nassau	0	0	0	0	61	655	67	1	5,348	41	21	0	0	91	1	2	6,288
Suffolk	0	0	0	0	0	33	2	0	84	2,398	0	0	0	3	0	0	2,520
Westchester	804	46	1,011	1,034	615	70	93	0	2	0	6,808	0	58	274	0	15	10,830
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	1	415	0	0	0	0	416
Connecticut	0	0	1	2	1	0	0	0	0	0	37	0	7,363	0	0	0	7,404
Primary NJ	7,922	1,039	4,362	2,933	119	201	100	98	218	1	47	0	29	40,381	42	21	57,513
Other NJ	75	18	44	19	0	1	0	0	0	0	0	0	0	83	922	0	1,162
Other WHR (NY)	2	0	0	11	1	0	0	0	0	0	11	0	0	52	0	1,189	1,266
Total	129,693	15,834	76,604	133,782	67,653	66,854	144,476	9,710	17,924	2,939	8,012	415	7,529	42,349	979	1,284	726,037

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	53,070	8,123	9,384	10	70	51	128
Other Manh	41,654	55,258	14,721	11	91	1	790
Other NYC	112,083	66,402	262,470	12,750	983	27	561
Long Island	-	-	819	7,871	23	-	95
Other NYS	1,863	1,045	779	2	8,439	58	326
CT	1	2	1	-	37	7,363	-
NJ	13,460	2,952	519	219	68	29	41,428

Discretionary Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	3,653	498	2,750	2,322	81	137	1,074	1	5	0	7	0	0	37	0	26	10,591
Valley	191	1	84	89	4	6	49	0	0	0	0	0	0	1	0	0	425
Midtown	825	85	365	627	24	38	187	0	3	0	2	0	0	7	0	3	2,166
Uptown	4,455	433	3,693	15,966	14,807	354	1,380	4	10	0	34	0	2	92	0	0	41,230
Bronx	1,359	128	1,184	3,252	18,840	258	255	3	3	0	101	0	0	61	1	0	25,445
Queens	1,234	112	1,034	4,606	175	21,701	1,472	0	1,451	71	4	0	0	7	0	0	31,867
Brooklyn	2,001	223	1,082	8,364	426	522	42,413	34	7	0	1	0	0	9	0	0	55,082
Staten Island	429	70	159	23	0	0	53	1,075	0	0	0	0	0	13	0	0	1,822
Nassau	0	0	0	0	21	191	24	0	0	0	1	0	0	1	0	0	238
Suffolk	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	7
Westchester	0	0	0	0	95	1	0	0	0	0	1,793	0	9	0	0	3	1,901
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	80	0	0	0	0	80
Connecticut	0	0	0	0	0	0	0	0	0	0	33	0	1,787	0	0	0	1,820
Primary NJ	5,490	709	4,026	2,629	116	8	15	0	25	0	61	0	0	4,047	2	7	17,135
Other NJ	74	15	62	34	1	0	0	0	0	0	0	0	0	15	90	0	291
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	4	0	0	8	0	145	157
Total	19,711	2,274	14,439	37,912	34,591	23,222	46,922	1,117	1,504	71	2,041	80	1,798	4,298	93	184	190,257

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	8,452	3,038	1,601	8	38	-	45
Other Manh	8,581	15,966	16,545	10	34	2	92
Other NYC	9,015	16,245	87,227	1,532	106	-	91
Long Island	-	-	243	-	1	-	1
Other NYS	-	-	96	-	2,025	9	8
CT	-	-	-	-	33	1,787	-
NJ	10,376	2,663	140	25	68	-	4,154

At-Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	2,384	533	2,925	2,092	103	873	3,360	0	103	0	13	0	0	134	1	0	12,521
Valley	1,351	16	1,102	951	63	332	3,026	0	23	0	7	0	0	52	1	0	6,924
Midtown	3,518	495	1,144	3,065	153	1,648	2,995	0	150	1	20	0	0	153	1	0	13,343
Uptown	2,658	444	3,788	7,193	1,567	546	553	0	28	1	127	0	0	337	2	1	17,245
Bronx	438	80	629	2,105	2,502	14	14	0	0	0	12	0	0	1	0	0	5,795
Queens	495	73	883	154	23	8,655	593	0	6	0	0	0	0	0	0	0	10,882
Brooklyn	2,178	638	1,667	736	16	52	11,155	2	0	0	0	0	0	1	0	0	16,445
Staten Island	62	6	22	12	0	0	1	36	0	0	0	0	0	2	0	0	141
Nassau	30	2	73	0	0	16	2	0	160	1	0	0	0	0	0	0	284
Suffolk	0	0	1	0	0	0	0	0	4	33	0	0	0	0	0	0	38
Westchester	52	13	70	0	7	0	0	0	0	0	71	0	0	0	0	0	213
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	42	0	0	0	0	42
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	67	0	0	0	67
Primary NJ	546	189	624	0	1	3	2	0	0	0	0	0	0	427	1	1	1,794
Other NJ	3	0	12	0	1	0	0	0	0	0	0	0	0	1	6	0	23
Other WHR (NY)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6	7
Total	13,715	2,489	12,941	16,308	4,436	12,139	21,701	38	474	36	250	42	67	1,108	12	8	85,764

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	13,468	6,108	12,553	277	40	-	342
Other Manh	6,890	7,193	2,666	29	128	-	339
Other NYC	7,171	3,007	23,063	6	12	-	4
Long Island	106	-	18	198	-	-	-
Other NYS	136	-	7	-	119	-	-
CT	-	-	-	-	-	67	-
NJ	1,374	-	7	-	1	-	435

NYBPM2005 - Outbound Journeys

Non-Motorized

Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	41,548	4,936	9,450	198	0	0	366	0	0	0	0	0	0	0	0	0	56,498
Valley	513	2,541	0	0	0	0	19	0	0	0	0	0	0	0	0	0	3,073
Midtown	2,092	0	14,892	1,009	0	61	0	0	0	0	0	0	0	0	0	0	18,054
Uptown	1,291	0	18,732	39,839	4,268	164	0	0	0	0	0	0	0	0	0	0	64,294
Bronx	0	0	0	447	26,815	27	0	0	0	0	0	0	0	0	0	0	27,289
Queens	10	0	70	41	17	45,216	839	0	0	0	0	0	0	0	0	0	46,193
Brooklyn	217	189	20	0	0	1,178	52,204	0	0	0	0	0	0	0	0	0	53,808
Staten Island	0	0	0	0	0	0	0	5,063	0	0	0	0	0	0	0	0	5,063
Nassau	0	0	0	0	0	0	0	0	15,242	103	0	0	0	0	0	0	15,345
Suffolk	0	0	0	0	0	0	0	0	8	8,597	0	0	0	0	0	0	8,605
Westchester	0	0	0	0	0	0	0	0	0	0	8,315	0	69	0	0	0	8,384
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	2,024	0	0	0	6	2,030
Connecticut	0	0	0	0	0	0	0	0	0	0	3	0	10,229	0	0	0	10,232
Primary NJ	0	0	0	0	0	0	0	0	0	0	1	0	0	77,285	9	2	77,297
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	3	16,455	0	16,458
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	4,677	4,699
Total	45,671	7,666	43,164	41,534	31,100	46,646	53,428	5,063	15,250	8,700	8,319	2,024	10,298	77,310	16,464	4,685	417,322

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	75,972	1,207	446	-	-	-	-
Other Manh	20,023	39,839	4,432	-	-	-	-
Other NYC	506	488	131,359	-	-	-	-
Long Island	-	-	-	23,950	-	-	-
Other NYS	-	-	-	-	15,022	69	22
CT	-	-	-	-	3	10,229	-
NJ	-	-	-	-	3	-	93,752

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	23,185	442	680	281	0	0	0	0	0	0	0	0	0	0	0	0	24,588
Valley	171	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	371
Midtown	524	0	1,751	969	0	0	0	0	0	0	0	0	0	0	0	0	3,244
Uptown	115	0	825	89,241	36	0	0	0	0	0	0	0	0	0	0	0	90,217
Bronx	0	0	0	234	109,427	0	0	0	0	0	0	0	0	0	0	0	109,661
Queens	0	0	0	0	0	119,939	0	0	0	0	0	0	0	0	0	0	119,939
Brooklyn	0	0	0	0	0	0	188,884	0	0	0	0	0	0	0	0	0	188,884
Staten Island	0	0	0	0	0	0	0	27,673	0	0	0	0	0	0	0	0	27,673
Nassau	0	0	0	0	0	0	0	0	51,485	0	0	0	0	0	0	0	51,485
Suffolk	0	0	0	0	0	0	0	0	0	38,735	0	0	0	0	0	0	38,735
Westchester	0	0	0	0	0	0	0	0	0	0	40,586	0	0	0	0	0	40,586
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	4,210	0	0	0	0	4,210
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	39,884	0	0	0	39,884
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	160,401	0	0	160,401
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45,280	0	45,280
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,713	16,713
Total	23,995	642	3,256	90,725	109,463	119,939	188,884	27,673	51,485	38,735	40,586	4,210	39,884	160,401	45,280	16,713	961,871

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	26,953	1,250	-	-	-	-	-
Other Manh	940	89,241	36	-	-	-	-
Other NYC	-	234	445,923	-	-	-	-
Long Island	-	-	-	90,220	-	-	-
Other NYS	-	-	-	-	61,509	-	-
CT	-	-	-	-	-	39,884	-
NJ	-	-	-	-	-	-	205,681

University Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	973	20	52	966	0	0	1,892	0	0	0	0	0	0	0	0	0	3,903
Valley	12	13	0	0	0	0	127	0	0	0	0	0	0	0	0	0	152
Midtown	34	0	177	923	0	22	0	0	0	0	0	0	0	0	0	0	1,156
Uptown	8	0	71	12,814	2,326	56	0	0	0	0	0	0	0	0	0	0	15,275
Bronx	0	0	0	498	6,872	2	0	0	0	0	0	0	0	0	0	0	7,372
Queens	0	0	0	7	9	4,887	242	0	0	0	0	0	0	0	0	0	5,145
Brooklyn	20	0	1	0	0	116	9,532	0	0	0	0	0	0	0	0	0	9,669
Staten Island	0	0	0	0	0	0	0	574	0	0	0	0	0	0	0	0	574
Nassau	0	0	0	0	0	0	0	0	721	0	0	0	0	0	0	0	721
Suffolk	0	0	0	0	0	0	0	0	0	543	0	0	0	0	0	0	543
Westchester	0	0	0	0	0	0	0	0	0	0	697	0	1	0	0	0	698
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	66	0	0	0	0	66
Connecticut	0	0	0	0	0	0	0	0	0	0	1	0	1,338	0	0	0	1,339
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	9,863	0	0	9,863
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,733	0	1,733
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	212	212
Total	1,047	33	301	15,208	9,207	5,083	11,793	574	721	543	698	66	1,339	9,863	1,733	212	58,421

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	1,281	1,889	2,041	-	-	-	-
Other Manh	79	12,814	2,382	-	-	-	-
Other NYC	21	505	22,234	-	-	-	-
Long Island	-	-	-	1,264	-	-	-
Other NYS	-	-	-	-	975	1	-
CT	-	-	-	-	1	1,338	-
NJ	-	-	-	-	-	-	11,596

NYBPM2005 - Outbound Journeys

Non-Motorized

Maintenance Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	81,484	2,279	4,576	447	0	0	593	0	0	0	0	0	0	0	0	0	89,379
Valley	890	1,721	0	0	0	0	24	0	0	0	0	0	0	0	0	0	2,635
Midtown	3,550	0	19,088	4,371	0	36	0	0	0	0	0	0	0	0	0	0	27,045
Uptown	731	0	8,967	186,898	4,209	62	0	0	0	0	0	0	0	0	0	0	200,867
Bronx	0	0	0	5,471	183,883	75	0	0	0	0	0	0	0	0	0	0	189,429
Queens	16	0	140	191	54	224,038	4,914	0	0	0	0	0	0	0	0	0	229,353
Brooklyn	851	136	12	0	0	3,687	349,191	0	0	0	0	0	0	0	0	0	353,877
Staten Island	0	0	0	0	0	0	0	22,267	0	0	0	0	0	0	0	0	22,267
Nassau	0	0	0	0	0	0	0	0	52,647	74	0	0	0	0	0	0	52,721
Suffolk	0	0	0	0	0	0	0	0	74	31,158	0	0	0	0	0	0	31,232
Westchester	0	0	0	0	0	0	0	0	0	0	28,507	0	26	0	0	0	28,533
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	5,732	0	0	0	16	5,748
Connecticut	0	0	0	0	0	0	0	0	0	0	23	0	34,095	0	0	0	34,118
Primary NJ	0	0	0	0	0	0	0	0	0	0	13	0	0	200,922	15	15	200,965
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	6	51,878	0	51,884
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	3	0	11	0	15,415	15,429
Total	87,522	4,136	32,783	197,378	188,146	227,898	354,722	22,267	52,721	31,232	28,543	5,735	34,121	200,939	51,893	15,446	1,535,482

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	113,588	4,818	653	-	-	-	-
Other Manh	9,698	186,898	4,271	-	-	-	-
Other NYC	1,155	5,662	788,109	-	-	-	-
Long Island	-	-	-	83,953	-	-	-
Other NYS	-	-	-	-	49,673	26	11
CT	-	-	-	-	23	34,095	-
NJ	-	-	-	-	28	-	252,821

Discretionary Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	29,526	763	1,894	138	0	0	184	0	0	0	0	0	0	0	0	0	32,505
Valley	350	704	0	0	0	0	10	0	0	0	0	0	0	0	0	0	1,064
Midtown	727	0	5,314	1,040	0	3	0	0	0	0	0	0	0	0	0	0	7,084
Uptown	193	0	2,649	44,648	828	18	0	0	0	0	0	0	0	0	0	0	48,336
Bronx	0	0	0	1,415	40,420	16	0	0	0	0	0	0	0	0	0	0	41,851
Queens	8	0	58	71	17	81,909	1,599	0	0	0	0	0	0	0	0	0	83,662
Brooklyn	262	44	4	0	0	1,098	90,301	0	0	0	0	0	0	0	0	0	91,709
Staten Island	0	0	0	0	0	0	0	9,263	0	0	0	0	0	0	0	0	9,263
Nassau	0	0	0	0	0	0	0	0	30,381	52	0	0	0	0	0	0	30,433
Suffolk	0	0	0	0	0	0	0	0	39	25,618	0	0	0	0	0	0	25,657
Westchester	0	0	0	0	0	0	0	0	0	0	16,711	0	12	0	0	0	16,723
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	8,333	0	0	0	10	8,343
Connecticut	0	0	0	0	0	0	0	0	0	0	12	0	23,987	0	0	0	23,999
Primary NJ	0	0	0	0	0	0	0	0	0	0	12	0	0	89,271	11	4	89,298
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	5	36,143	0	36,148
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0	15,406	15,411
Total	31,066	1,511	9,919	47,312	41,265	83,044	92,094	9,263	30,420	25,670	16,735	8,334	23,999	89,280	36,154	15,420	561,486

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	39,278	1,178	197	-	-	-	-
Other Manh	2,842	44,648	846	-	-	-	-
Other NYC	376	1,486	224,623	-	-	-	-
Long Island	-	-	-	56,090	-	-	-
Other NYS	-	-	-	-	40,461	12	4
CT	-	-	-	-	12	23,987	-
NJ	-	-	-	-	16	-	125,430

At-Work Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	48,638	3,712	11,119	405	0	0	81	0	0	0	0	0	0	0	0	0	63,955
Valley	6,664	26,024	0	0	0	0	101	0	0	0	0	0	0	0	0	0	32,789
Midtown	9,227	0	66,508	4,122	0	8	0	0	0	0	0	0	0	0	0	0	79,865
Uptown	496	0	6,978	24,573	185	10	0	0	0	0	0	0	0	0	0	0	32,242
Bronx	0	0	0	1,380	14,275	29	0	0	0	0	0	0	0	0	0	0	15,684
Queens	138	0	663	406	8	30,763	589	0	0	0	0	0	0	0	0	0	32,567
Brooklyn	862	439	31	0	0	576	34,657	0	0	0	0	0	0	0	0	0	36,565
Staten Island	0	0	0	0	0	0	0	2,450	0	0	0	0	0	0	0	0	2,450
Nassau	0	0	0	0	0	0	0	0	11,328	21	0	0	0	0	0	0	11,349
Suffolk	0	0	0	0	0	0	0	0	17	8,967	0	0	0	0	0	0	8,984
Westchester	0	0	0	0	0	0	0	0	0	0	7,395	0	8	0	0	0	7,403
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	2,411	0	0	0	3	2,414
Connecticut	0	0	0	0	0	0	0	0	0	0	9	0	10,418	0	0	0	10,427
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	46,562	4	10	46,576
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	3	15,324	0	15,327
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	2	0	9	0	4,128	4,139
Total	66,025	30,175	85,299	30,886	14,468	31,386	35,428	2,450	11,345	8,988	7,404	2,413	10,426	46,574	15,328	4,141	402,736

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	171,892	4,527	190	-	-	-	-
Other Manh	7,474	24,573	195	-	-	-	-
Other NYC	2,133	1,786	83,347	-	-	-	-
Long Island	-	-	-	20,333	-	-	-
Other NYS	-	-	-	-	13,939	8	9
CT	-	-	-	-	9	10,418	-
NJ	-	-	-	-	10	-	61,893

NYBPM2005 - Outbound Journeys

School Bus

School Journeys

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	1,974	122	464	1,416	1,116	408	1,071	59	1,606	52	250	0	13	2,207	53	209	11,020
Valley	36	0	14	24	24	9	31	1	19	0	6	0	0	49	1	8	222
Midtown	166	14	92	213	135	46	92	5	249	4	38	0	5	254	4	34	1,351
Uptown	1,141	80	521	4,997	5,557	283	2,474	16	2,547	155	757	0	323	1,788	28	6	20,673
Bronx	177	7	83	1,066	20,241	152	1,133	78	1,949	194	1,887	28	1,223	1,077	25	1	29,321
Queens	173	7	42	965	143	42,829	1,459	314	1,698	201	27	0	4	2,575	80	0	50,517
Brooklyn	312	10	58	60	982	3,246	41,621	1,693	1,300	223	8	0	0	7	0	0	49,520
Staten Island	2	0	0	3	56	220	2,278	27,618	830	50	2	0	1	1,281	263	0	32,604
Nassau	3	2	2	1,848	2,065	3,568	828	0	72,237	756	5	0	1	38	0	0	81,353
Suffolk	0	3	0	64	80	199	23	0	1,260	91,766	0	0	0	1	0	0	93,396
Westchester	42	0	12	423	569	195	1,020	0	893	160	60,197	684	1,234	1,454	39	940	67,862
Other EHR-NY	0	1	0	0	0	1	0	0	43	18	493	35,040	686	19	39	236	36,576
Connecticut	0	3	0	11	203	2	3	0	129	180	1,654	398	103,383	263	1	2	106,232
Primary NJ	987	45	267	997	924	47	1	2,169	8	84	745	0	269	217,526	10,683	2,045	236,797
Other NJ	20	9	4	5	4	2	0	201	2	16	3	0	0	8,896	195,692	294	205,148
Other WHR (NY)	1	0	0	15	42	0	20	0	211	40	1,802	341	41	1,249	622	54,941	59,325
Total	5,034	303	1,559	12,107	32,141	51,207	52,054	32,154	84,981	93,899	67,874	36,491	107,183	238,684	207,530	58,716	1,081,917

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	2,882	1,653	2,997	1,930	545	18	2,568
Other Manh	1,742	4,997	8,330	2,702	763	323	1,816
Other NYC	871	2,094	144,063	6,445	1,953	1,228	5,308
Long Island	10	1,912	6,763	166,019	5	1	39
Other NYS	56	438	1,847	1,365	154,674	1,961	3,422
CT	3	11	208	309	2,054	103,383	264
NJ	1,332	1,002	3,348	110	3,087	269	432,797

D4b - ACS 2010 Work Journeys Comparison - 102C

Outbound Work Journeys Only **All Modes**

ACS2010[1]

1. The ASC numbers are home-to-work linkages, corresponding to the "usual place of work" for all workers (fulltime and part time). The values for the RHTS and the NYBPM are work journeys made on a typical weekday, reflecting frequency of work trips and absenteeism.

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	96,046	33,257	69,011	11,669	669	5,237	7,530	407	1,011	558	375	26	1,937	8,454	1,123	218	237,528
Valley	3,273	4,014	3,222	868	29	233	470	45	55	46	79	19	60	475	86	23	12,998
Midtown	16,343	7,276	30,030	4,962	267	1,937	1,676	104	251	148	159	22	399	2,532	331	23	66,461
Uptown	66,738	33,615	111,241	148,869	26,165	12,488	14,139	864	3,017	1,589	8,772	183	2,464	10,344	1,475	1,067	443,028
Bronx	38,743	18,358	56,025	78,134	209,209	21,520	19,935	610	2,589	855	37,515	499	2,550	9,095	988	1,834	498,459
Queens	96,368	49,542	127,835	95,440	21,025	401,640	84,805	2,080	74,725	13,780	8,595	500	2,555	13,379	1,695	705	994,669
Brooklyn	130,293	77,096	136,510	46,231	13,465	69,295	489,980	6,610	10,925	2,714	3,080	349	1,120	16,525	2,234	825	1,007,252
Staten Island	18,147	15,730	15,983	2,784	1,519	5,674	29,810	90,525	1,120	315	455	10	120	12,503	2,265	249	197,209
Nassau	29,202	15,240	34,629	15,998	6,335	70,275	25,205	900	346,159	52,540	3,164	90	1,203	4,339	634	239	606,152
Suffolk	12,927	5,889	15,085	6,269	3,365	24,995	10,250	690	87,055	505,530	1,330	135	504	2,209	425	160	676,818
Westchester	19,670	7,666	48,130	6,754	29,784	5,440	3,789	115	2,205	770	253,370	3,970	17,580	5,182	905	4,805	410,135
Other EHR-NY	2,267	1,290	5,567	439	3,179	849	688	45	259	135	35,003	106,669	5,024	981	219	5,961	168,575
Connecticut	6,420	2,722	17,388	3,426	2,174	1,460	1,115	60	835	320	22,679	2,715	678,970	1,974	654	770	743,681
Primary NJ	73,408	45,478	80,634	33,695	10,974	11,229	13,790	5,803	2,384	795	6,747	460	2,144	1,363,718	179,586	10,543	1,841,388
Other NJ	20,261	17,511	17,672	3,191	1,102	2,515	6,205	5,313	899	349	1,325	144	609	246,890	869,453	2,253	1,195,693
Other WHR (NY)	6,991	3,709	10,632	4,491	9,636	2,745	2,878	289	735	260	16,935	6,415	1,654	26,421	3,444	187,309	284,544
Total	637,098	338,394	779,594	463,220	338,897	637,532	712,265	114,460	534,225	580,703	399,583	122,206	718,893	1,725,021	1,065,517	216,983	9,384,590

Distribution within Manhattan is an approximation

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	262,473	17,500	19,922	1,364	2,727	11,461	1,540
Other Manh	211,594	148,869	56,673	10,361	3,713	10,344	1,475
Other NYC	780,630	222,589	1,557,061	67,309	11,316	51,502	7,182
Long Island	112,972	22,267	575,229	562,564	2,331	6,548	1,059
Other NYS	105,923	11,683	62,636	306,473	339,387	32,584	4,568
CT	26,529	3,426	5,644	22,999	682,455	1,974	654
NJ	254,965	36,886	60,214	9,216	16,153	1,610,608	1,049,039

RHTS2010

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	81,106	22,443	59,097	15,910	1,432	926	7,830	253	3,252	0	0	0	157	5,637	1,977	3,380	203,399
Valley	9,911	5,979	2,151	240	1,890	77	467	0	0	0	1,088	0	940	634	0	0	23,376
Midtown	15,373	4,250	33,833	4,199	1,120	100	799	0	3,741	0	0	0	123	1,074	815	0	65,427
Uptown	84,038	21,408	109,373	84,474	16,591	12,844	8,059	2,899	2,477	61	2,133	0	2,187	9,256	2,679	1,659	360,137
Bronx	41,532	10,916	43,653	55,660	161,607	33,025	20,420	0	962	2,630	16,912	0	1,185	2,084	0	40	390,626
Queens	108,241	43,275	115,545	49,927	17,661	347,099	58,136	501	54,973	14,090	13,618	0	3,002	15,453	3,056	346	844,921
Brooklyn	105,314	60,373	107,537	39,201	5,251	47,133	398,777	7,317	13,914	2,643	6,883	0	95	20,625	5,413	874	821,349
Staten Island	9,772	6,088	15,275	2,121	109	6,107	23,021	65,753	5,157	69	0	0	0	6,783	4,371	0	144,627
Nassau	20,988	12,925	40,297	7,254	5,914	55,616	16,474	87	253,779	46,374	5,376	0	2,181	5,674	112	0	473,050
Suffolk	12,948	9,427	11,680	2,192	3,440	20,322	3,028	1,162	90,247	458,671	2,734	0	0	6,521	1,248	0	623,620
Westchester	18,621	4,018	36,409	11,853	33,458	13,386	8,835	0	211	0	170,855	5,685	16,931	3,898	214	6,462	330,836
Other EHR-NY	1,905	705	1,468	2,956	2,614	4,240	59	0	0	432	27,063	92,274	4,384	2,082	0	7,010	147,191
Connecticut	4,471	1,542	18,120	2,737	5,734	0	711	0	317	0	19,652	0	582,654	7,395	993	361	644,688
Primary NJ	48,008	38,932	92,128	22,435	20,076	5,247	20,929	6,881	1,346	2,277	11,177	0	4,349	1,099,805	169,328	10,697	1,553,616
Other NJ	6,685	11,277	23,869	6,219	3,333	2,146	3,555	4,721	0	432	2,712	0	465	186,745	699,277	4,046	955,483
Other WHR (NY)	5,149	1,262	10,026	4,375	5,478	2,794	3,755	554	1,426	462	18,868	10,471	1,727	22,503	3,802	142,575	235,226
Total	574,063	254,820	720,460	311,753	285,706	551,061	574,854	90,128	431,804	528,141	299,070	108,430	620,380	1,396,170	893,286	177,449	7,817,572

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	234,143	20,348	21,886	1,088	4,600	7,345	2,792
Other Manh	214,818	84,474	42,870	2,194	3,846	9,256	2,679
Other NYC	667,521	146,910	1,266,922	56,844	5,541	44,945	12,840
Long Island	108,265	9,446	450,068	513,155	2,181	12,195	1,359
Other NYS	79,562	19,184	76,810	217,679	287,520	28,483	4,016
CT	24,133	2,737	6,763	19,652	583,015	7,395	993
NJ	220,900	28,654	68,234	16,598	19,557	1,286,550	868,606

NYBPM2010

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	113,455	24,284	40,488	6,231	298	307	1,132	1	726	11	2	16	56	2,198	436	544	190,185
Valley	3,700	10,950	2,066	237	1,343	37	114	1	8	2	30	0	611	490	47	0	19,636
Midtown	10,415	7,505	39,767	4,437	543	127	128	1	615	19	4	14	59	1,198	140	2	64,974
Uptown	51,480	43,669	170,936	57,401	5,075	7,949	365	54	505	152	329	71	3,712	3,770	1,482	1,510	348,460
Bronx	16,151	28,634	86,584	126,649	85,290	8,693	2,187	171	6,339	4,191	7,534	48	9,552	6,973	1,022	775	390,793
Queens	315,353	4,309	63,072	19,278	50,326	380,527	6,813	225	12,377	1,168	2,416	7	166	1,554	159	89	857,839
Brooklyn	9,880	21,400	58,056	51,471	107,802	40,359	469,187	15,354	38,163	997	1,221	9	52	7,834	1,478	159	823,422
Staten Island	5,005	7,333	9,112	467	229	5,674	20,311	66,301	11,011	57	27	0	0	15,056	4,433	23	145,039
Nassau	2,293	5,619	118,834	22,298	1,966	36,682	46,363	257	165,110	59,379	539	0	1,286	8,454	2,579	1,638	473,297
Suffolk	128	2,584	755	840	94	10,109	3,460	124	158,900	445,048	686	0	3	1,521	234	148	624,634
Westchester	4,627	7,193	25,070	14,409	17,910	2,403	1,503	5	487	1	242,913	6,119	21,499	1,415	1	9,523	355,078
Other EHR-NY	454	1,004	2,357	570	2,601	8,745	303	0	99	598	25,547	90,808	6,569	480	47	17,070	157,252
Connecticut	6,391	5,745	9,939	1,338	5,735	24,872	2,282	0	11,559	0	11,485	3,016	584,188	7,538	114	2,263	676,465
Primary NJ	29,310	57,815	57,785	7,929	12,124	10,094	5,540	3,391	7,686	178	4,165	11	2,083	1,202,018	149,283	2,437	1,551,849
Other NJ	13,410	28,161	23,666	3,364	726	326	1,719	6,044	1,659	6	128	2	70	136,332	739,527	1,011	956,151
Other WHR (NY)	2,628	2,662	22,405	1,709	1,174	1,172	366	2	3,051	2	7,475	10,734	1,637	27,827	7,530	143,935	234,309
Total	584,680	258,867	730,892	318,628	293,236	538,076	561,773	91,931	418,295	511,809	304,501	110,855	631,543	1,424,658	908,512	181,127	7,869,383

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	252,630	10,905	5,381	68	1,302	3,886	623
Other Manh	266,085	57,401	13,948	481	5,293	3,770	1,482
Other NYC	624,889	197,865	1,327,339	17,611	10,880	31,417	7,092
Long Island	130,213	23,138	423,065	505,652	3,075	9,975	2,813
Other NYS	68,400	16,688	39,821	276,536	307,894	29,722	7,578
CT	22,075	1,338	44,448	11,485	589,467	7,538	114
NJ	210,147	11,293	49,309	4,477	5,614	1,338,350	888,810

D4b - ACS 2010 Work Journeys Comparison - 102C

Outbound Work Journeys Only **All Modes**

NYBPM2005

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	85,860	32,537	68,540	11,939	202	5,003	3,705	20	353	141	133	14	356	5,371	1,442	11	215,627
Valley	2,967	3,051	3,031	519	10	273	193	0	10	5	9	1	9	226	73	1	10,378
Midtown	16,035	7,171	26,664	4,419	59	1,814	858	4	81	31	47	7	77	1,392	362	1	59,022
Uptown	72,475	35,855	111,577	146,390	12,820	9,405	7,894	43	1,108	435	3,719	330	478	7,058	1,951	48	411,586
Bronx	35,891	16,455	51,712	72,622	157,745	14,602	16,885	136	2,641	545	17,987	123	820	12,182	1,253	168	401,767
Queens	85,029	43,236	107,690	85,157	4,257	305,168	71,484	695	57,294	21,834	2,231	132	1,320	2,673	508	107	788,815
Brooklyn	111,313	63,595	116,291	39,467	3,139	28,600	353,630	2,395	6,855	2,918	5,337	330	1,023	3,167	974	101	739,135
Staten Island	12,227	9,865	10,397	1,741	451	7,250	21,343	82,725	316	14	57	0	202	8,984	876	8	156,456
Nassau	16,160	8,430	18,346	9,436	2,499	50,528	10,247	407	436,736	15,776	2,426	1	614	641	26	7	572,280
Suffolk	14,709	6,449	16,826	7,445	1,791	44,749	5,857	51	33,079	442,789	767	0	671	99	1	0	575,283
Westchester	15,009	5,611	33,836	5,413	27,698	7,829	2,013	19	684	15	236,920	618	14,980	7,499	25	10,931	369,100
Other EHR-NY	3,995	2,010	9,982	448	2,183	1,004	515	4	173	1	15,599	106,154	18,292	1,157	110	3,761	165,388
Connecticut	7,174	2,966	19,518	4,874	5,262	3,148	1,843	5	991	0	39,682	4,765	496,622	1,862	2	17	588,731
Primary NJ	37,915	23,048	40,959	17,065	1,872	14,771	8,585	3,462	1,569	90	1,435	2	13,986	1,246,656	92,604	1,293	1,505,312
Other NJ	24,031	16,857	20,195	3,817	1,080	10,835	9,400	3,160	585	36	388	0	4,022	123,108	859,431	566	1,077,511
Other WHR (NY)	5,157	2,671	6,773	2,952	6,065	4,914	1,808	763	156	0	26,096	2,729	727	40,251	5,078	187,956	294,096
Total	545,947	279,807	662,337	413,704	227,133	509,893	516,260	93,889	542,631	484,630	352,833	115,206	554,199	1,462,326	964,716	204,976	7,930,487

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	245,856	16,877	12,585	366	477	6,989	1,877
Other Manh	219,907	146,390	31,270	4,154	856	7,058	1,951
Other NYC	663,701	198,987	1,137,611	50,923	4,334	27,006	3,611
Long Island	80,920	16,881	585,944	461,758	1,293	740	27
Other NYS	85,044	8,813	55,828	278,631	346,148	48,907	5,213
CT	29,658	4,874	11,249	39,682	501,404	1,862	2
NJ	163,005	20,882	55,319	1,949	19,869	1,369,764	952,035

D4b - ACS 2010 Work Journeys Comparison - 102C

Outbound Work Journeys Only

Auto and Taxi Trips

ACS2010

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	7,714	2,923	6,158	1,073	117	1,630	1,321	182	639	327	187	5	741	3,787	738	182	27,726
Valley	267	274	272	47	6	89	69	0	18	12	13	0	19	159	37	17	1,298
Midtown	1,441	644	2,396	397	34	591	306	36	147	72	66	3	160	982	185	17	7,476
Uptown	6,511	3,221	10,025	13,152	7,408	3,065	2,814	391	2,006	1,009	5,234	127	995	4,977	999	795	62,730
Bronx	5,875	2,693	8,465	11,887	81,935	8,610	4,085	190	1,959	585	25,110	334	2,030	6,060	924	1,579	162,321
Queens	13,409	6,818	16,983	13,429	13,090	202,775	48,620	1,580	60,510	12,015	7,235	345	2,260	7,565	1,305	450	408,390
Brooklyn	10,957	6,260	11,447	3,885	5,595	32,715	169,420	4,050	7,475	2,004	1,785	190	485	8,505	1,494	500	266,768
Staten Island	4,518	3,645	3,842	643	1,324	4,689	24,065	70,165	990	280	350	10	95	11,579	2,230	184	128,610
Nassau	7,316	3,816	8,306	4,272	5,915	63,370	20,835	830	312,575	51,010	2,979	80	1,169	2,920	524	225	486,142
Suffolk	4,397	1,928	5,030	2,226	2,965	21,300	7,650	650	85,180	488,160	1,300	100	420	1,604	425	160	623,494
Westchester	5,607	2,096	12,640	2,022	26,085	4,685	2,049	95	2,120	740	209,235	3,890	16,150	4,664	865	4,435	297,378
Other EHR-NY	809	407	2,023	91	3,004	685	450	45	240	135	34,059	98,650	5,009	922	219	5,957	152,705
Connecticut	1,228	508	3,340	834	1,830	1,185	650	60	740	255	22,074	2,690	622,895	1,690	644	720	661,343
Primary NJ	17,355	10,550	18,749	7,811	9,145	7,269	7,735	5,534	1,849	645	6,348	375	1,950	1,146,026	172,206	10,324	1,423,871
Other NJ	6,312	4,428	5,305	1,003	979	1,840	4,630	5,218	789	339	1,220	144	570	237,121	824,308	2,224	1,096,430
Other WHR (NY)	4,186	2,168	5,498	2,396	9,310	2,535	2,063	285	725	195	16,310	6,285	1,650	25,452	3,389	168,755	251,202
Total	97,903	52,382	120,477	65,168	168,742	357,033	296,762	89,312	477,962	557,783	333,505	113,228	656,598	1,464,013	1,010,493	196,523	6,057,884

Distribution within Manhattan is an approximation

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	22,089	1,516	5,185	677	1,144	4,928	961
Other Manh	19,757	13,152	15,685	6,243	1,916	4,977	999
Other NYC	94,914	29,845	743,842	49,364	8,462	33,709	5,953
Long Island	30,793	6,497	521,270	543,449	2,154	4,524	949
Other NYS	35,434	4,509	54,376	260,674	310,781	31,038	4,473
CT	5,076	834	4,465	22,329	626,305	1,690	644
NJ	62,699	8,814	44,988	8,552	15,587	1,383,147	996,514

RHTS2010

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	7,945	2,504	2,914	169	614	0	1,812	253	2,940	0	0	0	71	0	1,769	0	20,992
Valley	190	873	148	0	101	77	0	0	0	0	0	0	0	384	0	0	1,773
Midtown	4,126	0	1,831	1,068	0	0	590	0	78	0	0	0	0	868	815	0	9,376
Uptown	3,939	0	11,879	5,180	8,218	3,222	424	841	2,477	61	1,664	0	1,154	5,007	2,576	1,659	48,300
Bronx	3,666	1,602	2,731	13,785	71,980	17,249	3,358	0	962	2,630	13,791	0	1,007	1,224	0	40	134,026
Queens	24,596	0	5,936	11,294	8,964	220,168	26,304	200	51,062	13,777	13,431	0	2,739	9,807	3,056	346	391,680
Brooklyn	5,201	3,554	3,965	5,842	1,008	20,358	176,801	3,153	13,039	2,643	4,201	0	95	13,779	5,413	874	259,927
Staten Island	1,572	407	353	1,207	109	4,907	19,908	59,572	5,157	69	0	0	0	5,948	4,371	0	103,582
Nassau	1,262	575	4,990	1,352	5,914	48,679	13,956	0	239,031	46,374	5,376	0	2,181	2,066	112	0	371,866
Suffolk	3,347	4,389	4,185	1,431	2,867	16,565	1,996	1,162	88,335	450,859	2,734	0	0	2,171	1,248	0	581,290
Westchester	2,544	0	3,714	5,455	31,855	12,278	6,223	0	211	0	155,581	5,685	16,931	2,631	214	6,462	249,784
Other EHR-NY	40	77	596	2,450	2,093	152	59	0	0	432	22,724	90,364	4,384	1,927	0	7,010	132,309
Connecticut	40	0	0	2,089	1,227	0	711	0	317	0	18,159	0	547,119	4,395	993	361	575,412
Primary NJ	9,483	3,121	10,542	5,355	17,075	3,440	8,762	6,773	1,346	2,277	11,177	0	4,349	960,008	167,548	10,697	1,221,953
Other NJ	1,153	558	1,231	1,518	3,333	1,408	2,834	4,721	0	432	2,712	0	465	173,492	684,135	4,046	882,036
Other WHR (NY)	1,254	398	2,033	3,717	5,478	933	178	554	1,426	462	18,610	10,471	1,727	22,327	3,802	133,429	206,798
Total	70,358	18,059	57,048	61,913	160,837	349,437	263,915	77,229	406,381	520,016	270,161	106,520	582,222	1,206,033	876,052	164,923	5,191,104

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	20,531	1,237	6,466	-	71	1,252	2,584
Other Manh	15,818	5,180	15,182	1,725	2,813	5,007	2,576
Other NYC	53,585	32,128	704,261	50,543	5,101	30,758	12,840
Long Island	18,748	2,783	418,504	505,344	2,181	4,237	1,359
Other NYS	10,656	11,623	61,440	197,808	276,463	26,885	4,016
CT	40	2,089	2,255	18,159	547,480	4,395	993
NJ	26,088	6,873	49,691	16,598	19,557	1,133,499	851,683

NYBPM2010

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	23,219	1,826	4,026	974	72	175	173	1	524	9	1	10	23	932	364	489	32,818
Valley	297	5,335	164	26	521	15	21	1	6	2	14	0	226	92	36	0	6,756
Midtown	948	639	6,712	332	240	2	70	0	447	12	2	6	21	354	116	1	9,902
Uptown	9,722	6,193	26,040	4,046	2,363	4,637	211	32	462	119	187	37	2,769	2,469	1,258	1,424	61,969
Bronx	2,058	4,708	8,346	29,747	38,607	5,980	1,431	13	6,035	4,094	6,896	43	8,243	6,701	1,019	775	124,696
Queens	89,591	427	8,456	3,556	32,984	212,315	3,282	5	11,384	1,121	2,285	7	118	1,382	157	88	367,158
Brooklyn	1,186	1,569	5,856	9,462	56,513	21,958	210,606	6,204	35,752	957	1,017	8	39	7,003	1,462	159	359,751
Staten Island	1,398	1,994	916	281	216	5,464	18,992	55,970	10,853	55	23	0	0	13,911	4,433	23	114,529
Nassau	375	1,070	15,216	12,595	1,370	33,699	41,640	248	152,372	58,931	529	0	1,260	8,454	2,579	1,638	331,976
Suffolk	5	190	39	157	83	8,443	2,530	105	156,105	430,958	643	0	1	1,521	234	148	601,162
Westchester	865	1,317	5,782	7,024	14,315	1,233	1,093	5	369	1	186,736	5,887	17,574	1,413	1	9,520	253,135
Other EHR-NY	7	90	100	126	1,938	6,952	212	0	99	598	24,019	86,638	6,436	480	47	17,070	144,812
Connecticut	974	460	1,376	713	5,094	18,781	1,615	0	11,474	0	11,156	3,015	558,784	7,538	114	2,263	623,357
Primary NJ	7,184	15,402	12,163	4,418	9,849	6,838	3,796	3,330	7,686	178	4,142	11	2,071	1,100,475	148,251	2,376	1,328,170
Other NJ	2,899	6,787	3,276	1,698	553	269	1,375	6,005	1,659	6	121	2	66	134,141	718,099	1,011	877,967
Other WHR (NY)	1,346	1,292	9,003	1,402	973	826	174	2	3,051	2	7,312	10,667	1,618	27,247	7,528	132,305	204,748
Total	142,074	49,299	107,471	76,557	165,691	327,587	287,221	71,921	398,278	497,043	245,083	106,331	599,249	1,314,113	885,698	169,290	5,442,906

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	43,166	1,332	2,268	40	776	1,378	516
Other Manh	41,955	4,046	7,705	306	4,230	2,469	1,258
Other NYC	126,505	43,046	734,564	16,448	9,503	28,997	7,071
Long Island	16,895	12,752	396,595	491,061	3,047	9,975	2,813
Other NYS	19,802	8,552	31,242	218,668	287,715	29,140	7,576
CT	2,810	713	36,964	11,156	564,062	7,538	114
NJ	47,711	6,116	41,360	4,447	5,537	1,234,616	866,350

Outbound Work Journeys Only

Auto and Taxi Trips

NYBPM2005

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	13,610	6,186	13,393	2,683	58	2,365	1,094	12	115	63	45	6	70	2,500	868	4	43,072
Valley	694	496	711	140	4	171	66	0	4	3	5	0	2	108	48	1	2,453
Midtown	3,214	1,493	4,677	819	21	906	281	3	28	11	23	2	17	553	205	1	12,254
Uptown	18,165	8,506	23,216	30,598	3,980	2,842	2,787	24	424	206	1,673	113	195	3,634	1,262	37	97,662
Bronx	7,106	2,689	8,671	16,034	91,205	10,145	11,423	123	1,993	495	12,367	112	676	10,565	1,188	162	174,954
Queens	19,173	9,392	20,921	21,393	2,738	183,757	52,450	468	50,452	20,845	1,873	121	1,057	1,491	453	102	386,686
Brooklyn	17,545	8,905	16,305	6,351	1,938	18,605	187,437	1,931	5,807	2,676	4,358	232	688	2,480	923	89	276,270
Staten Island	3,022	1,723	2,216	443	430	7,044	19,318	70,105	301	14	54	0	193	8,878	874	8	114,623
Nassau	4,524	2,404	4,473	3,268	2,373	46,124	9,541	398	402,731	15,378	2,383	1	604	601	26	7	494,836
Suffolk	2,259	1,075	2,674	1,422	1,688	41,020	5,304	50	32,662	428,673	744	0	647	92	1	0	518,311
Westchester	4,290	1,403	6,910	1,784	22,784	7,429	1,829	19	582	15	217,984	616	14,241	7,339	25	10,841	298,091
Other EHR-NY	629	214	916	114	1,955	859	414	3	169	1	15,409	103,340	18,167	1,123	109	3,755	147,177
Connecticut	1,658	577	3,185	1,804	4,885	3,013	1,673	5	934	0	38,636	4,760	474,318	1,790	2	17	537,257
Primary NJ	7,864	4,100	6,953	2,649	1,745	13,167	7,554	3,405	1,077	79	1,404	2	13,546	1,053,294	90,647	1,280	1,208,766
Other NJ	7,792	4,352	5,854	1,382	987	9,854	8,498	3,144	521	30	378	0	3,733	120,155	835,694	566	1,002,940
Other WHR (NY)	1,550	549	2,171	1,242	5,907	4,559	1,652	735	142	0	25,674	2,712	717	39,172	5,073	181,543	273,398
Total	113,095	54,064	123,246	92,126	142,698	351,860	311,321	80,425	497,942	468,489	323,010	112,017	528,871	1,253,775	937,398	198,413	5,588,750

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	44,474	3,642	5,128	150	103	3,161	1,121
Other Manh	49,887	30,598	10,057	1,879	345	3,634	1,262
Other NYC	117,668	44,221	717,670	42,682	3,440	23,414	3,438
Long Island	17,409	4,690	541,891	447,178	1,259	693	27
Other NYS	18,632	3,140	49,038	259,083	335,932	47,634	5,207
CT	5,420	1,804	10,510	38,636	479,095	1,790	2
NJ	36,915	4,031	49,952	1,891	19,127	1,173,449	926,341

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	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	406	406	406	406	0	167	103	10	139	90	90	1	1,060	738	153	0	4,174
Valley	406	406	406	406	0	3	103	10	4	0	2	0	26	29	6	0	1,808
Midtown	406	406	406	406	95	51	103	10	34	29	25	1	224	174	40	0	2,409
Uptown	406	406	406	406	520	254	103	10	433	332	1,838	38	1,030	955	181	0	7,319
Bronx	681	416	3,662	767	1,365	460	435	115	95	10	3,235	115	425	205	35	40	12,060
Queens	6,221	2,744	6,388	2,797	135	2,445	1,525	10	2,035	550	420	75	140	850	70	10	26,415
Brooklyn	1,480	1,480	1,480	1,480	235	850	3,040	105	635	270	260	10	185	820	145	20	12,495
Staten Island	190	190	190	190	0	70	70	960	10	0	0	0	0	119	0	0	1,989
Nassau	18,472	9,471	21,700	9,647	80	3,525	3,205	70	2,025	380	80	0	15	1,140	110	0	69,920
Suffolk	7,545	3,251	8,566	3,654	350	3,245	2,280	0	1,110	1,240	30	20	25	500	0	0	31,815
Westchester	10,792	4,365	30,540	2,704	865	485	1,120	20	70	10	3,055	25	695	430	10	80	55,265
Other EHR-NY	1,232	657	3,318	122	145	130	180	0	15	0	665	299	0	49	0	0	6,813
Connecticut	4,312	1,870	12,816	2,413	300	215	395	0	95	15	240	0	6,210	284	10	0	29,174
Primary NJ	17,657	9,468	14,952	4,722	265	925	1,640	14	185	70	160	0	120	14,650	1,710	29	66,568
Other NJ	7,196	4,385	6,336	1,069	45	360	540	30	40	10	25	0	15	5,684	1,224	0	26,958
Other WHR (NY)	1,623	985	1,675	578	84	70	225	0	10	15	145	10	4	519	0	95	6,037
Total	79,025	40,906	113,247	31,767	4,484	13,255	15,065	1,364	6,935	3,020	10,270	594	10,174	27,145	3,694	274	361,219

Distribution within Manhattan is an approximation

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	3,656	1,219	830	235	1,312	940	199
Other Manh	1,219	406	1,320	2,170	1,068	955	181
Other NYC	25,121	5,234	14,595	4,745	1,020	1,994	250
Long Island	69,005	13,300	15,890	1,730	60	1,640	110
Other NYS	55,186	3,404	3,419	3,890	1,208	998	10
CT	18,997	2,413	1,005	255	6,210	284	10
NJ	59,994	5,791	4,044	265	164	20,334	2,934

RHTS2010

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	122	138	0	0	0	0	312	0	0	0	86	974	208	3,380	5,219
Valley	293	0	0	0	0	0	0	0	0	0	1,088	0	0	0	0	0	1,381
Midtown	0	0	669	0	0	0	0	0	3,663	0	0	0	123	206	0	0	4,661
Uptown	5,674	0	102	0	0	4,239	0	0	0	0	243	0	1,033	250	103	0	11,644
Bronx	373	311	1,834	0	0	138	0	0	0	0	1,673	0	177	0	0	0	4,506
Queens	14,933	4,353	12,862	3,560	2,220	5,212	1,924	174	1,665	313	0	0	263	695	0	0	48,173
Brooklyn	0	0	449	0	907	0	190	0	875	0	2,682	0	0	0	0	0	5,103
Staten Island	0	0	0	0	0	0	0	135	0	0	0	0	0	0	0	0	135
Nassau	18,659	10,222	32,040	4,723	0	3,114	2,399	87	1,291	0	0	0	0	3,608	0	0	76,144
Suffolk	9,601	4,918	6,126	760	572	3,757	1,032	0	1,913	2,114	0	0	0	4,350	0	0	35,144
Westchester	15,939	3,734	32,652	5,368	251	1,108	2,612	0	0	0	2,276	0	0	1,267	0	0	65,206
Other EHR-NY	1,864	629	720	355	470	3,954	0	0	0	0	3,147	0	0	155	0	0	11,294
Connecticut	4,431	1,542	18,120	66	4,507	0	0	0	0	0	1,493	0	9,181	3,000	0	0	42,340
Primary NJ	11,658	16,557	27,166	615	836	160	3,269	0	0	0	0	0	0	23,888	1,405	0	85,553
Other NJ	4,537	3,413	8,314	1,891	0	0	721	0	0	0	0	0	0	9,506	1,245	0	29,628
Other WHR (NY)	1,227	607	3,794	58	0	1,584	1,408	0	0	0	0	0	0	175	0	0	8,853
Total	89,189	46,284	144,971	17,535	9,763	23,266	13,555	396	9,719	2,427	12,600	0	10,864	48,075	2,961	3,380	434,984

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	1,084	138	3,975	1,088	3,589	1,180	208
Other Manh	5,776	-	4,239	243	1,033	250	103
Other NYC	35,114	3,560	13,440	4,668	440	695	-
Long Island	81,567	5,483	14,165	2,114	-	7,959	-
Other NYS	61,165	5,780	11,387	5,423	-	1,598	-
CT	24,093	66	4,507	1,493	9,181	3,000	-
NJ	71,645	2,507	4,986	-	-	33,393	2,650

NYBPM2010

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	130	0	22	0	0	187	1	0	6	31	196	54	47	674
Valley	0	0	0	0	10	3	0	0	2	0	5	0	364	18	7	0	409
Midtown	0	0	0	1,142	53	0	0	0	168	5	2	8	38	83	21	0	1,520
Uptown	86	95	1,060	0	15	464	2	0	35	16	117	34	808	432	206	25	3,395
Bronx	381	424	2,929	1,741	0	214	11	140	93	86	373	5	1,264	165	3	0	7,829
Queens	41,614	571	11,282	2,014	2,235	6,361	189	189	407	30	81	0	17	75	2	1	65,068
Brooklyn	0	0	0	0	571	2,533	13,514	1	1,480	34	175	1	13	93	15	0	18,430
Staten Island	6	0	6	0	3	15	3	0	118	2	3	0	0	0	0	0	156
Nassau	1,860	4,307	88,548	8,998	49	1,733	3,821	9	530	149	6	0	26	0	0	0	110,036
Suffolk	123	2,388	710	679	11	1,612	915	19	1,970	936	43	0	2	0	0	0	9,408
Westchester	3,560	4,485	17,862	6,374	995	112	323	0	0	0	10,629	129	2,154	0	0	0	46,623
Other EHR-NY	447	913	2,229	444	662	1,780	91	0	0	0	1,479	220	101	0	0	0	8,366
Connecticut	5,416	5,284	8,444	622	617	6,021	667	0	72	0	316	1	7,643	0	0	0	35,103
Primary NJ	5,942	13,413	12,623	1,002	399	325	208	10	0	0	16	0	12	17,404	826	6	52,186
Other NJ	6,535	13,334	10,989	1,066	157	39	193	29	0	0	6	0	4	1,817	498	0	34,667
Other WHR (NY)	797	978	1,399	95	152	161	158	0	0	0	1	18	3	489	2	943	5,196
Total	66,767	46,192	158,081	24,307	5,929	21,395	20,095	397	5,062	1,259	13,252	422	12,480	20,772	1,634	1,022	399,066

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	1,272	445	13	494	297	82
Other Manh	1,241	-	516	133	867	432	206
Other NYC	57,213	3,755	28,077	784	1,301	333	20
Long Island	97,936	9,677	10,669	1,134	28	-	-
Other NYS	32,670	6,913	4,434	12,109	3,568	489	2
CT	19,144	622	7,377	316	7,644	-	-
NJ	62,836	2,068	1,360	22	22	19,221	1,324

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NYBPM2005

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	250	0	0	101	44	76	8	284	1,130	503	6	2,402
Valley	0	0	0	0	0	4	0	0	3	0	2	1	7	44	20	0	81
Midtown	0	0	0	0	2	77	0	0	25	14	21	5	60	266	130	0	600
Uptown	0	0	0	0	11	381	0	0	315	163	1,560	217	276	1,462	596	2	4,983
Bronx	942	576	5,068	1,061	10	7	0	1	30	6	810	11	107	144	32	1	8,806
Queens	6,612	2,916	6,789	2,973	6	0	0	6	385	229	33	11	110	30	14	0	20,114
Brooklyn	0	0	0	0	0	0	0	0	93	56	487	98	273	35	19	4	1,065
Staten Island	0	0	0	0	0	1	0	0	0	0	1	0	8	9	1	0	20
Nassau	10,526	5,397	12,365	5,497	68	843	352	6	1,229	77	20	0	7	16	0	0	36,403
Suffolk	12,411	5,347	14,091	6,010	101	3,567	538	1	203	763	23	0	24	7	0	0	43,086
Westchester	8,110	3,280	22,951	2,032	665	163	103	0	5	0	3,103	2	361	56	0	21	40,852
Other EHR-NY	3,366	1,796	9,066	334	228	145	101	1	4	0	190	162	124	34	1	0	15,552
Connecticut	5,476	2,375	16,276	3,064	346	135	169	0	51	0	790	5	3,206	67	0	0	31,960
Primary NJ	7,344	3,938	6,219	1,964	38	346	181	14	26	1	10	0	363	17,066	1,164	0	38,674
Other NJ	12,416	7,566	10,932	1,844	91	934	528	13	41	4	10	0	288	2,340	3,043	0	40,050
Other WHR (NY)	3,151	1,912	3,252	1,123	99	317	133	28	3	0	82	17	7	435	4	324	10,887
Total	70,354	35,103	107,009	25,902	1,665	7,170	2,105	70	2,514	1,357	7,218	537	5,505	23,141	5,527	358	295,535

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	462	157	371	1,440	653
Other Manh	-	-	707	1,723	495	1,462	596
Other NYC	22,903	4,034	539	1,622	623	218	66
Long Island	60,137	11,507	6,908	883	31	23	-
Other NYS	56,884	3,489	1,995	3,375	1,018	525	5
CT	24,127	3,064	701	790	3,211	67	-
NJ	48,415	3,808	2,212	25	651	19,406	4,207

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	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	33,664	23,481	50,106	9,932	552	3,440	4,933	180	204	113	41	14	121	3,804	203	30	130,817
Valley	1,930	15	2,544	416	23	141	237	0	4	7	7	14	0	162	14	0	5,514
Midtown	11,764	6,226	7,779	2,841	138	1,109	1,268	23	42	20	10	14	0	1,252	77	0	32,563
Uptown	58,134	29,987	76,346	83,280	17,492	8,669	11,222	428	550	220	1,643	14	424	4,287	266	266	293,227
Bronx	32,188	15,248	43,899	63,675	89,699	12,360	15,295	280	525	230	8,490	25	65	2,735	29	215	284,958
Queens	76,571	39,980	103,298	78,531	7,675	139,630	33,465	475	11,095	995	855	70	145	4,905	305	245	498,240
Brooklyn	115,444	67,255	123,360	40,866	7,420	33,765	222,970	2,285	2,550	285	1,000	145	415	7,040	555	290	625,645
Staten Island	13,374	11,829	11,886	1,886	195	895	5,630	14,615	120	35	95	0	25	795	10	40	61,430
Nassau	3,374	1,912	4,584	2,040	315	2,840	1,150	0	14,129	725	50	0	0	275	0	4	31,398
Suffolk	893	618	1,396	298	35	350	255	0	515	5,770	0	0	55	85	0	0	10,270
Westchester	3,206	1,141	4,885	1,963	2,480	270	610	0	0	20	19,500	45	630	88	0	235	35,073
Other EHR-NY	178	178	178	178	30	34	54	0	4	0	245	1,600	15	10	0	0	2,705
Connecticut	826	289	1,177	124	24	60	70	0	0	0	165	0	22,095	0	0	25	24,854
Primary NJ	38,161	25,225	46,698	20,926	1,474	2,875	4,365	225	340	55	229	50	19	117,013	4,181	130	261,966
Other NJ	6,663	8,608	5,942	1,030	74	305	1,010	65	70	0	55	0	0	2,776	11,517	25	38,140
Other WHR (NY)	1,161	535	3,439	1,495	234	130	565	4	0	50	390	100	0	390	25	6,180	14,698
Total	397,530	232,529	487,517	309,480	127,860	206,874	303,099	18,579	30,148	8,525	32,774	2,090	24,009	145,617	17,182	7,684	2,351,497

Distribution within Manhattan is an approximation

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	137,509	13,188	12,295	197	192	5,218	294
Other Manh	164,468	83,280	38,360	1,863	703	4,287	266
Other NYC	654,333	184,957	600,944	11,985	1,680	15,475	899
Long Island	12,778	2,337	19,589	6,545	59	360	-
Other NYS	14,902	3,636	4,415	20,205	8,805	488	25
CT	2,291	124	154	165	22,120	-	-
NJ	131,297	21,956	10,803	339	224	119,789	15,698

RHTS2010

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	28,977	15,630	45,659	13,937	817	926	5,835	0	0	0	0	0	0	4,663	0	0	116,444
Valley	9,428	133	2,003	240	1,789	0	467	0	0	0	0	0	940	250	0	0	15,249
Midtown	6,080	4,250	16,241	3,131	1,120	100	209	0	0	0	0	0	0	0	0	0	31,131
Uptown	71,242	21,408	92,361	51,191	7,341	5,383	7,635	2,058	0	0	227	0	0	3,999	0	0	262,845
Bronx	37,492	9,003	39,088	40,688	59,072	13,487	17,062	0	0	0	574	0	0	860	0	0	217,327
Queens	67,424	38,922	94,138	35,073	6,477	85,244	29,908	127	2,247	0	187	0	0	4,951	0	0	364,697
Brooklyn	99,417	56,360	100,686	33,359	3,335	25,971	164,222	4,164	0	0	0	0	0	6,846	0	0	494,360
Staten Island	8,199	5,681	14,922	914	0	1,200	3,113	5,528	0	0	0	0	0	835	0	0	40,392
Nassau	1,068	2,128	3,267	1,179	0	3,822	119	0	4,565	0	0	0	0	0	0	0	16,148
Suffolk	0	119	1,369	0	0	0	0	0	0	2,374	0	0	0	0	0	0	3,862
Westchester	138	285	43	1,030	1,352	0	0	0	0	0	5,497	0	0	0	0	0	8,344
Other EHR-NY	0	0	151	151	50	134	0	0	0	0	1,192	444	0	0	0	0	2,123
Connecticut	0	0	0	582	0	0	0	0	0	0	0	0	10,462	0	0	0	11,044
Primary NJ	26,867	19,254	54,420	16,313	2,166	1,646	8,899	108	0	0	0	0	0	85,530	376	0	215,579
Other NJ	996	7,306	14,324	2,810	0	738	0	0	0	0	0	0	0	3,568	4,536	0	34,278
Other WHR (NY)	2,669	257	4,198	600	0	277	2,169	0	0	0	258	0	0	0	0	6,180	16,608
Total	359,997	180,736	482,871	201,197	83,518	138,929	239,637	11,984	6,812	2,374	7,933	444	11,401	111,503	4,911	6,180	1,850,430

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	128,401	17,307	11,262	-	940	4,914	-
Other Manh	185,011	51,191	22,417	227	-	3,999	-
Other NYC	571,334	110,035	421,155	760	-	13,492	-
Long Island	7,950	1,179	8,506	2,374	-	-	-
Other NYS	7,741	1,781	3,983	6,946	6,624	-	-
CT	-	582	-	-	10,462	-	-
NJ	123,168	19,123	13,557	-	-	89,098	4,911

NYBPM2010

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	59,017	12,361	21,445	4,512	226	100	159	0	15	1	1	0	2	1,070	18	8	98,935
Valley	2,773	96	1,902	211	812	19	9	0	0	0	11	0	21	380	4	0	6,238
Midtown	7,556	6,866	14,354	1,688	250	0	57	1	0	2	0	0	0	761	3	1	31,539
Uptown	40,279	37,381	119,816	18,869	1,204	1,984	149	22	8	17	25	0	135	869	18	61	220,837
Bronx	13,712	23,502	75,309	87,751	36,483	2,499	745	18	211	11	265	0	45	107	0	0	240,658
Queens	184,143	3,311	43,050	13,569	15,107	104,832	2,493	31	586	17	50	0	31	97	0	0	367,317
Brooklyn	8,393	18,485	52,109	42,007	50,718	12,985	186,963	9,149	931	6	29	0	0	738	1	0	382,514
Staten Island	3,601	5,339	8,190	186	10	195	1,316	7,858	40	0	1	0	0	1,145	0	0	27,881
Nassau	58	242	15,070	705	547	1,250	902	0	1,848	220	4	0	0	0	0	0	20,846
Suffolk	0	6	6	4	0	54	15	0	646	4,592	0	0	0	0	0	0	5,323
Westchester	202	1,391	1,426	1,011	2,600	1,058	87	0	118	0	34,831	103	1,705	2	0	3	44,537
Other EHR-NY	0	1	28	0	1	13	0	0	0	0	49	1,495	11	0	0	0	1,598
Connecticut	1	1	119	3	24	70	0	0	13	0	6	0	10,183	0	0	0	10,420
Primary NJ	16,184	29,000	32,999	2,509	1,876	2,931	1,536	51	0	0	7	0	0	13,472	43	36	100,644
Other NJ	3,976	8,040	9,401	600	16	18	151	10	0	0	1	0	0	257	145	0	22,615
Other WHR (NY)	485	392	12,003	212	49	185	34	0	0	0	162	49	16	66	0	6,417	20,070
Total	340,380	146,414	407,227	173,837	109,923	128,193	194,616	17,140	4,416	4,866	35,442	1,647	12,149	18,964	232	6,526	1,601,972

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	126,370	6,411	1,648	15	32	2,211	25
Other Manh	197,476	18,869	3,367	42	196	869	18
Other NYC	439,144	143,513	433,170	379	76	2,087	1
Long Island	15,382	709	5,262	4,816	-	-	-
Other NYS	15,928	1,223	4,145	35,042	9,799	68	-
CT	121	3	107	6	10,183	-	-
NJ	99,600	3,109	6,589	8	36	13,729	188

Outbound Work Journeys Only **Subway + Bus**

NYBPM2005

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	30,702	21,415	45,697	9,058	144	2,388	2,245	8	137	34	12	0	2	1,741	71	1	113,655
Valley	1,760	14	2,320	379	6	98	108	0	3	2	2	0	0	74	5	0	4,771
Midtown	10,729	5,678	7,095	2,591	36	770	577	1	28	6	3	0	0	573	27	0	28,114
Uptown	53,019	27,349	69,629	75,953	4,561	6,018	5,107	19	369	66	486	0	7	1,962	93	9	244,647
Bronx	27,843	13,190	37,973	55,080	39,715	4,423	5,462	12	618	44	4,810	0	37	1,473	33	5	190,718
Queens	59,234	30,928	79,910	60,750	1,496	76,195	18,195	221	6,457	760	325	0	153	1,152	41	5	335,822
Brooklyn	93,551	54,501	99,966	33,116	1,201	8,817	113,989	464	955	186	492	0	62	652	32	8	407,992
Staten Island	9,205	8,142	8,181	1,298	21	205	2,025	7,557	15	0	2	0	1	97	1	0	36,750
Nassau	1,110	629	1,508	671	58	3,561	354	3	17,534	218	23	0	3	24	0	0	25,696
Suffolk	39	27	61	13	2	162	15	0	206	4,756	0	0	0	0	0	0	5,281
Westchester	2,609	928	3,975	1,597	4,249	237	81	0	97	0	7,518	0	309	104	0	69	21,773
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	628	1	0	0	0	629
Connecticut	40	14	57	6	31	0	1	0	6	0	253	0	8,869	5	0	0	9,282
Primary NJ	22,707	15,010	27,787	12,452	89	1,258	850	43	466	10	20	0	77	99,011	784	11	180,575
Other NJ	3,823	4,939	3,409	591	2	47	374	3	23	2	0	0	1	610	4,239	0	18,063
Other WHR (NY)	456	210	1,350	587	59	38	23	0	11	0	340	0	3	622	1	1,412	5,112
Total	316,827	182,974	388,918	254,142	51,670	104,217	149,406	8,331	26,925	6,084	14,286	628	9,525	108,100	5,327	1,520	1,628,880

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	125,410	12,028	6,549	59	3	2,388	103
Other Manh	149,997	75,953	16,074	552	16	1,962	93
Other NYC	522,624	150,244	288,043	6,619	271	3,374	107
Long Island	3,374	684	21,895	4,997	3	24	-
Other NYS	9,528	2,184	4,795	7,858	2,422	726	1
CT	111	6	38	253	8,869	5	-
NJ	77,675	13,043	3,155	32	89	99,621	5,023

D4b - ACS 2010 Work Journeys Comparison - 102C

Outbound Work Journeys Only **Non-Motorized**

ACS2010

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	54,262	6,446	12,342	259	0	0	1,174	35	29	28	58	5	15	125	29	6	74,811
Valley	670	3,319	0	0	0	0	61	35	29	28	58	5	15	125	29	6	4,378
Midtown	2,732	0	19,449	1,318	0	186	0	35	29	28	58	5	15	125	29	6	24,013
Uptown	1,686	0	24,464	52,030	745	499	0	35	29	28	58	5	15	125	29	6	79,753
Bronx	0	0	0	1,805	36,210	90	120	25	10	30	680	25	30	95	0	0	39,120
Queens	167	0	1,166	683	125	56,790	1,195	15	1,085	220	85	10	10	59	15	0	61,624
Brooklyn	2,412	2,101	222	0	215	1,965	94,550	170	265	155	35	4	35	160	40	15	102,344
Staten Island	65	65	65	65	0	20	45	4,785	0	0	10	0	0	10	25	25	5,180
Nassau	40	40	40	40	25	540	15	0	17,430	425	55	10	19	4	0	10	18,692
Suffolk	93	93	93	93	15	100	65	40	250	10,360	0	15	4	20	0	0	11,239
Westchester	65	65	65	65	354	0	10	0	15	0	21,580	10	105	0	30	55	22,419
Other EHR-NY	48	48	48	48	0	0	4	0	0	0	34	6,120	0	0	0	4	6,352
Connecticut	55	55	55	55	20	0	0	0	0	50	200	25	27,770	0	0	25	28,310
Primary NJ	235	235	235	235	90	160	50	30	10	25	10	35	55	86,029	1,489	60	88,983
Other NJ	90	90	90	90	4	10	25	0	0	0	25	0	24	1,309	32,404	4	34,165
Other WHR (NY)	21	21	21	21	8	10	25	0	0	0	90	20	0	60	30	12,279	12,607
Total	62,639	12,577	58,353	56,805	37,811	60,370	97,339	5,205	19,180	11,375	23,034	6,294	28,112	88,246	34,148	12,502	613,990

Distribution within Manhattan is an approximation

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	99,219	1,576	1,612	255	79	375	86
Other Manh	26,150	52,030	1,308	85	26	125	29
Other NYC	6,262	2,553	197,680	1,215	154	324	80
Long Island	397	132	18,480	10,840	58	24	-
Other NYS	401	134	426	21,704	18,593	60	60
CT	165	55	20	250	27,820	-	-
NJ	975	325	379	60	178	87,338	33,893

RHTS2010

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	44,185	4,308	10,401	1,666	0	0	183	0	0	0	0	0	0	0	0	0	60,744
Valley	0	4,973	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,973
Midtown	5,167	0	15,092	0	0	0	0	0	0	0	0	0	0	0	0	0	20,259
Uptown	3,183	0	5,031	28,103	1,032	0	0	0	0	0	0	0	0	0	0	0	37,349
Bronx	0	0	0	1,187	30,555	2,151	0	0	0	0	874	0	0	0	0	0	34,766
Queens	1,287	0	2,610	0	0	36,474	0	0	0	0	0	0	0	0	0	0	40,371
Brooklyn	696	459	2,437	0	0	804	57,564	0	0	0	0	0	0	0	0	0	61,959
Staten Island	0	0	0	0	0	0	0	519	0	0	0	0	0	0	0	0	519
Nassau	0	0	0	0	0	0	0	0	8,892	0	0	0	0	0	0	0	8,892
Suffolk	0	0	0	0	0	0	0	0	0	3,324	0	0	0	0	0	0	3,324
Westchester	0	0	0	0	0	0	0	0	0	0	7,501	0	0	0	0	0	7,501
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	1,466	0	0	0	0	1,466
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	15,892	0	0	0	15,892
Primary NJ	0	0	0	152	0	0	0	0	0	0	0	0	0	30,379	0	0	30,531
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	180	9,361	0	9,541
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,966	2,966
Total	54,518	9,740	35,570	31,108	31,587	39,429	57,747	519	8,892	3,324	8,375	1,466	15,892	30,559	9,361	2,966	341,054

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	84,127	1,666	183	-	-	-	-
Other Manh	8,213	28,103	1,032	-	-	-	-
Other NYC	7,488	1,187	128,066	874	-	-	-
Long Island	-	-	8,892	3,324	-	-	-
Other NYS	-	-	-	7,501	4,432	-	-
CT	-	-	-	-	15,892	-	-
NJ	-	152	-	-	-	30,559	9,361

NYBPM2010

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	31,219	10,097	15,017	615	0	10	800	0	0	0	0	0	0	0	0	0	57,758
Valley	630	5,519	0	0	0	0	84	0	0	0	0	0	0	0	0	0	6,233
Midtown	1,911	0	18,701	1,275	0	125	1	0	0	0	0	0	0	0	0	0	22,013
Uptown	1,393	0	24,020	34,486	1,493	864	3	0	0	0	0	0	0	0	0	0	62,259
Bronx	0	0	0	7,410	10,200	0	0	0	0	0	0	0	0	0	0	0	17,610
Queens	5	0	284	139	0	57,019	849	0	0	0	0	0	0	0	0	0	58,296
Brooklyn	301	1,346	91	2	0	2,883	58,104	0	0	0	0	0	0	0	0	0	62,727
Staten Island	0	0	0	0	0	0	0	2,473	0	0	0	0	0	0	0	0	2,473
Nassau	0	0	0	0	0	0	0	0	10,360	79	0	0	0	0	0	0	10,439
Suffolk	0	0	0	0	0	0	0	0	179	8,562	0	0	0	0	0	0	8,741
Westchester	0	0	0	0	0	0	0	0	0	0	10,717	0	66	0	0	0	10,783
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	2,455	21	0	0	0	2,476
Connecticut	0	0	0	0	0	0	0	0	0	0	7	0	7,578	0	0	0	7,585
Primary NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	70,667	163	19	70,849
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	117	20,785	0	20,902
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	4,270	4,295
Total	35,459	16,962	58,113	43,927	11,693	60,901	59,841	2,473	10,539	8,641	10,724	2,455	7,665	70,809	20,948	4,289	425,439

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	83,094	1,890	1,020	-	-	-	-
Other Manh	25,413	34,486	2,360	-	-	-	-
Other NYC	2,027	7,551	131,528	-	-	-	-
Long Island	-	-	10,539	8,641	-	-	-
Other NYS	-	-	-	10,717	6,812	25	-
CT	-	-	-	7	7,578	-	-
NJ	-	-	-	-	19	70,784	20,948

Outbound Work Journeys Only

Non-Motorized

NYBPM2005

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	41,548	4,936	9,450	198	0	0	366	0	0	0	0	0	0	0	0	0	56,498
Valley	513	2,541	0	0	0	0	19	0	0	0	0	0	0	0	0	0	3,073
Midtown	2,092	0	14,892	1,009	0	61	0	0	0	0	0	0	0	0	0	0	18,054
Uptown	1,291	0	18,732	39,839	4,268	164	0	0	0	0	0	0	0	0	0	0	64,294
Bronx	0	0	0	447	26,815	27	0	0	0	0	0	0	0	0	0	0	27,289
Queens	10	0	70	41	17	45,216	839	0	0	0	0	0	0	0	0	0	46,193
Brooklyn	217	189	20	0	0	1,178	52,204	0	0	0	0	0	0	0	0	0	53,808
Staten Island	0	0	0	0	0	0	0	5,063	0	0	0	0	0	0	0	0	5,063
Nassau	0	0	0	0	0	0	0	0	15,242	103	0	0	0	0	0	0	15,345
Suffolk	0	0	0	0	0	0	0	0	8	8,597	0	0	0	0	0	0	8,605
Westchester	0	0	0	0	0	0	0	0	0	0	8,315	0	69	0	0	0	8,384
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	2,024	0	0	0	6	2,030
Connecticut	0	0	0	0	0	0	0	0	0	0	3	0	10,229	0	0	0	10,232
Primary NJ	0	0	0	0	0	0	0	0	0	0	1	0	0	77,285	9	2	77,297
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	3	16,455	0	16,458
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	4,677	4,699
Total	45,671	7,666	43,164	41,534	31,100	46,646	53,428	5,063	15,250	8,700	8,319	2,024	10,298	77,310	16,464	4,685	417,322

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	75,972	1,207	446	-	-	-	-
Other Manh	20,023	39,839	4,432	-	-	-	-
Other NYC	506	488	131,359	-	-	-	-
Long Island	-	-	15,250	8,700	-	-	-
Other NYS	-	-	-	8,315	6,776	22	-
CT	-	-	-	3	10,229	-	-
NJ	-	-	-	1	2	77,288	16,464

RHTS2010 : Trips by Mode and time-of-day

Auto and Taxi Vehicle Trips
(excluding external trips)

AM Peak Period (6 am to 10 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	9,076	4,116	5,417	1,237	1,050	5,284	1,862	0	4,347	0	0	0	114	1,404	1,962	0	35,869
Valley	1,136	527	264	1,274	314	462	2,924	634	699	0	768	0	0	307	0	0	9,309
Midtown	3,679	1,561	1,741	3,618	914	0	138	0	1,473	0	0	0	0	412	2,761	123	16,421
Uptown	6,970	825	11,842	33,188	15,345	4,053	184	359	1,419	61	2,737	0	1,564	1,723	643	2,066	82,979
Bronx	2,176	614	2,102	20,599	156,420	15,221	568	0	1,982	0	14,357	0	586	2,581	87	781	218,073
Queens	18,470	1,396	6,901	7,129	8,518	411,501	23,046	351	54,801	17,028	4,098	37	1,362	2,479	1,929	280	559,326
Brooklyn	9,099	1,547	4,634	6,093	1,077	15,834	234,131	4,174	7,147	2,081	1,428	0	1,094	5,094	3,247	0	296,680
Staten Island	2,219	2,006	336	0	530	2,094	12,299	128,383	0	69	0	0	0	4,562	3,477	0	155,973
Nassau	1,867	1,089	6,079	950	4,451	44,843	7,179	0	524,701	42,244	1,799	0	1,149	1,075	112	0	637,538
Suffolk	4,663	4,389	992	1,216	691	6,253	754	1,104	75,476	711,783	2,584	0	0	2,310	1,248	0	813,462
Westchester	2,458	0	4,401	3,180	27,556	10,260	5,564	0	449	0	297,505	6,798	13,422	2,808	485	6,148	381,033
Other EHR-NY	50	0	359	2,601	3,051	37	59	0	0	432	23,117	139,302	4,367	688	0	7,271	181,334
Connecticut	750	0	0	0	288	0	0	0	474	0	12,053	77	953,122	4,395	993	361	972,513
Primary NJ	6,553	2,246	7,184	8,062	6,900	3,228	7,748	5,778	957	0	8,516	0	4,349	1,539,023	148,833	9,463	1,758,840
Other NJ	1,070	0	1,218	187	1,558	207	357	1,850	0	299	1,490	0	100	152,346	1,172,604	3,842	1,337,127
Other WHR (NY)	1,298	348	1,377	2,948	4,378	102	135	554	925	462	17,625	5,609	1,246	23,044	3,260	222,763	286,072
Total	71,535	20,665	54,847	92,282	233,040	519,376	296,947	143,186	674,851	774,458	388,075	151,823	982,474	1,744,252	1,341,640	253,097	7,742,549

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	27,518	6,129	13,581	6,520	891	114	6,846
Other Manh	19,638	33,188	19,940	1,480	4,803	1,564	2,366
Other NYC	51,500	33,820	1,014,145	83,108	20,980	3,042	23,455
Long Island	19,080	2,166	65,274	1,354,204	4,383	1,149	4,744
Other NYS	10,290	8,729	51,694	2,267	726,138	19,035	30,285
CT	750	-	288	474	12,490	953,122	5,389
NJ	18,271	8,249	27,627	1,256	23,310	4,448	3,012,806

Midday (10 am to 4 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	13,804	4,304	11,313	11,773	1,547	10,020	7,270	40	3,106	2,342	2,820	40	442	4,184	194	1,346	74,545
Valley	1,602	1,696	1,053	191	48	1,220	1,536	64	486	74	0	339	0	1,734	84	220	10,347
Midtown	11,659	414	12,819	9,702	1,321	2,274	2,568	120	1,622	992	2,902	181	0	2,260	381	216	49,432
Uptown	12,384	0	14,638	54,447	21,769	7,204	2,119	2,160	1,631	318	5,420	2,806	393	9,283	751	113	135,435
Bronx	1,790	798	935	15,225	168,155	6,448	1,718	921	1,688	2,192	24,919	472	201	3,894	306	1,753	231,414
Queens	7,546	1,253	1,145	9,664	4,217	568,307	32,574	2,118	58,728	6,229	8,728	0	41	3,409	330	519	704,808
Brooklyn	4,087	1,965	4,115	2,652	3,650	29,126	444,499	7,674	14,319	4,092	858	0	95	1,797	4,015	387	523,330
Staten Island	0	40	0	970	258	1,815	4,680	243,792	240	58	410	0	0	8,479	1,897	0	262,639
Nassau	5,446	560	1,396	1,026	740	54,889	8,983	0	960,414	72,294	4,268	0	519	896	0	0	1,111,430
Suffolk	106	0	0	334	1,671	7,158	10,531	69	60,028	1,373,555	1,028	0	428	570	0	304	1,455,782
Westchester	1,809	0	210	2,103	19,112	4,232	0	410	1,974	0	578,676	19,095	14,823	2,906	1,085	8,513	654,948
Other EHR-NY	0	382	104	968	143	134	0	0	0	0	12,415	254,029	6,430	115	0	4,136	278,857
Connecticut	40	0	0	393	655	0	806	0	791	428	18,115	5,421	1,395,378	110	66	0	1,422,204
Primary NJ	904	202	4,775	5,918	5,665	1,571	11,986	3,368	1,311	1,245	5,064	94	444	2,495,300	151,988	23,361	2,713,196
Other NJ	1,102	84	397	1,087	0	2,327	861	4,734	183	133	341	0	982	161,220	2,003,659	7,166	2,184,275
Other WHR (NY)	243	0	130	2,891	854	3,151	475	946	66	0	5,242	6,052	55	16,055	6,803	402,335	445,298
Total	62,522	11,699	53,029	119,344	229,805	699,876	530,605	266,416	1,106,588	1,463,952	671,205	288,530	1,420,230	2,712,212	2,171,558	450,369	12,257,940

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	58,664	21,665	28,029	8,623	8,064	442	8,837
Other Manh	27,021	54,447	33,252	1,949	8,339	393	10,034
Other NYC	23,673	28,511	1,519,951	87,545	38,046	337	24,126
Long Island	7,508	1,360	84,041	2,466,291	5,599	947	1,466
Other NYS	2,880	5,962	29,457	2,040	1,290,493	21,308	26,964
CT	40	393	1,461	1,220	23,536	1,395,378	176
NJ	7,463	7,005	30,512	2,873	36,025	1,426	4,812,167

PM Peak Period (4 pm to 8 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	8,279	862	4,827	6,099	2,386	10,485	4,021	2,196	836	0	3,339	0	40	2,619	602	26	46,618
Valley	6,816	1,770	299	751	1,583	780	3,580	238	519	4,389	108	77	0	1,469	343	265	22,988
Midtown	7,136	0	6,893	16,042	1,654	1,697	5,785	255	4,847	1,207	2,692	40	124	4,193	1,427	1,511	55,504
Uptown	2,277	0	8,637	39,805	15,718	9,056	2,774	234	533	5,039	6,027	830	0	8,270	1,347	5,250	105,799
Bronx	2,387	51	277	15,042	133,052	10,217	4,720	109	3,152	398	23,067	1,521	1,415	9,271	1,306	1,799	207,785
Queens	9,675	0	590	5,338	14,925	346,233	23,689	4,063	52,073	4,017	7,241	152	0	4,972	1,061	288	474,317
Brooklyn	1,768	786	3,194	2,677	676	30,083	302,694	9,898	9,455	6,664	3,076	59	711	9,348	792	2,067	383,947
Staten Island	310	0	0	841	242	2,386	5,440	129,203	0	0	0	0	0	3,507	4,987	1,500	148,416
Nassau	786	0	211	1,359	2,975	56,579	8,090	455	610,540	69,115	1,614	0	317	2,226	72	1,092	755,432
Suffolk	2,010	0	0	6,111	1,074	9,679	3,088	0	57,672	1,016,353	0	0	0	28	299	0	1,096,315
Westchester	918	58	2,964	5,741	21,433	4,842	1,978	0	2,360	2,857	357,198	21,755	17,757	7,376	750	12,624	460,611
Other EHR-NY	0	0	114	33	63	855	0	0	0	0	10,537	179,062	1,098	0	0	7,266	199,028
Connecticut	0	0	77	608	1,103	1,080	0	0	1,188	0	15,021	6,057	993,915	4,110	303	1,836	1,025,298
Primary NJ	900	3,405	3,140	4,622	2,075	2,712	3,428	5,461	1,193	1,265	2,853	150	3,343	1,798,202	165,003	21,670	2,019,421
Other NJ	1,962	430	1,029	388	0	549	2,007	2,617	0	0	394	0	311	159,765	1,392,336	3,912	1,565,701
Other WHR (NY)	157	0	0	494	2,783	516	0	0	0	244	8,050	5,309	896	14,460	4,020	316,119	353,049
Total	45,381	7,362	32,254	105,952	201,743	487,749	371,294	154,729	744,367	1,111,548	441,219	215,014	1,019,928	2,029,817	1,574,648	377,225	8,920,229

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	36,883	22,891	34,662	11,798	8,059	164	10,653
Other Manh	10,915	39,805	27,782	5,572	12,107	-	9,617
Other NYC	19,039	23,898	1,017,630	75,758	40,770	2,126	35,245
Long Island	3,007	7,470	81,939	1,753,681	2,706	317	2,625
Other NYS	4,211	6,268	32,469	5,461	917,921	19,752	26,607
CT	77	608	2,183	1,188	22,914	993,915	4,413
NJ	10,866	5,011	18,849	2,457	28,979	3,654	3,515,305

RHTS2010 : Trips by Mode and time-of-day

Auto and Taxi Vehicle Trips
(excluding external trips)

Early Morning/Night (8 pm to 6 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	21,178	0	4,001	10,449	2,049	4,585	7,575	104	384	2,093	918	174	0	3,465	652	2,177	59,805
Valley	966	0	43	1,480	1,259	5,295	2,225	40	0	0	0	20	0	1,969	259	0	13,555
Midtown	1,306	0	1,432	11,659	258	3,978	1,774	254	2,873	3,767	2,084	441	2,026	7,338	827	40	40,057
Uptown	5,029	312	2,212	41,378	8,928	11,422	3,349	118	939	1,463	3,620	0	0	5,184	247	0	84,202
Bronx	1,644	684	92	2,744	46,852	1,998	3,065	0	421	3,368	5,849	143	517	1,533	0	1,902	70,813
Queens	2,820	190	261	4,862	1,512	161,001	14,082	772	25,457	3,457	1,935	986	153	3,434	1,286	0	222,210
Brooklyn	2,420	0	40	398	36	14,509	119,041	3,649	1,072	1,498	2,167	0	0	3,880	214	0	148,923
Staten Island	104	0	0	64	0	66	2,520	43,851	2,275	0	0	0	0	1,059	1,671	0	51,611
Nassau	156	0	0	388	344	25,250	2,854	2,275	196,681	26,659	216	0	0	0	0	0	254,823
Suffolk	42	0	0	33	1,763	5,941	333	58	12,741	281,401	0	0	0	0	0	0	302,311
Westchester	51	0	0	1,826	7,598	330	722	0	3,625	0	110,971	3,651	3,480	1,710	20	2,391	136,375
Other EHR-NY	224	77	0	0	0	0	0	0	0	0	1,552	48,464	768	0	0	1,574	52,658
Connecticut	0	0	0	848	368	62	0	0	45	0	3,808	1,589	276,415	0	0	356	283,491
Primary NJ	2,725	40	918	1,236	1,777	127	1,315	1,884	247	118	1,476	706	0	625,205	45,926	4,950	688,650
Other NJ	0	0	623	699	522	1,929	1,456	2,053	0	0	0	0	51	50,651	424,303	295	482,582
Other WHR (NY)	0	137	0	1,785	546	258	0	0	0	0	159	891	0	2,877	526	118,695	125,874
Total	38,666	1,440	9,622	79,849	73,812	236,749	160,309	55,058	246,760	323,825	134,755	57,064	283,410	708,307	475,931	132,381	3,017,939

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	28,926	23,588	29,396	9,117	5,854	2,026	14,510
Other Manh	7,553	41,378	23,817	2,402	3,620	-	5,432
Other NYC	8,256	8,068	412,954	37,548	12,982	670	13,078
Long Island	198	421	38,817	517,482	216	-	-
Other NYS	489	3,611	9,453	3,625	288,348	4,248	5,133
CT	-	848	429	45	5,753	276,415	-
NJ	4,306	1,935	11,062	366	7,427	51	1,146,085

Daily Trips

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	52,336	9,282	25,559	29,557	7,032	30,373	20,729	2,341	8,673	4,435	7,077	214	596	11,673	3,410	3,549	216,837
Valley	10,520	3,993	1,659	3,696	3,204	7,757	10,266	976	1,705	4,463	876	436	0	5,478	685	485	56,199
Midtown	23,781	1,975	22,886	41,021	4,146	7,949	10,265	630	10,815	5,966	7,678	663	2,149	14,203	5,397	1,891	161,414
Uptown	26,661	1,137	37,329	168,818	61,760	31,735	8,427	2,871	4,522	6,881	17,805	3,636	1,957	24,460	2,988	7,429	408,414
Bronx	7,997	2,146	3,406	53,610	504,479	33,885	10,070	1,030	7,242	5,958	68,192	2,136	2,719	17,280	1,699	6,235	728,084
Queens	38,512	2,840	8,897	26,992	29,172	1,487,041	93,391	7,305	191,059	30,731	22,002	1,175	1,556	14,294	4,606	1,087	1,960,660
Brooklyn	17,374	4,299	11,984	11,820	5,438	89,551	1,100,364	25,395	31,993	14,334	7,529	59	1,900	20,119	8,268	2,453	1,352,880
Staten Island	2,633	2,046	336	1,875	1,030	6,361	24,939	545,229	2,515	127	410	0	0	17,607	12,032	1,500	618,638
Nassau	8,255	1,649	7,687	3,723	8,510	181,561	27,106	2,729	2,292,337	210,312	7,897	0	1,985	4,198	183	1,092	2,759,223
Suffolk	6,820	4,389	992	7,694	5,199	29,031	14,704	1,231	205,918	3,383,093	3,612	0	428	2,908	1,547	304	3,667,870
Westchester	5,237	58	7,575	12,850	75,699	19,663	8,263	410	8,407	2,857	1,344,350	51,299	49,483	14,800	2,339	29,676	1,632,968
Other EHR-NY	274	459	577	3,603	3,257	1,026	59	0	0	432	47,621	620,858	12,663	803	0	20,247	711,877
Connecticut	790	0	77	1,849	2,414	1,142	806	0	2,498	428	48,998	13,144	3,618,830	8,615	1,363	2,553	3,703,506
Primary NJ	11,082	5,893	16,017	19,839	16,419	7,637	24,477	16,490	3,708	2,629	17,908	950	8,136	6,457,730	511,750	59,445	7,180,108
Other NJ	4,134	514	3,266	2,362	2,080	5,013	4,680	11,253	183	432	2,224	0	1,443	523,981	4,992,903	15,215	5,569,684
Other WHR (NY)	1,698	485	1,507	8,118	8,561	4,026	610	1,500	991	705	31,076	17,861	2,197	56,438	14,609	1,059,912	1,210,294
Total	218,104	41,166	149,753	397,426	738,401	1,943,750	1,359,155	619,390	2,772,566	3,673,782	1,635,254	712,431	3,706,043	7,194,587	5,563,778	1,213,072	31,938,657

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	######	74,274	105,668	36,058	22,868	2,746	40,846
Other Manh	65,126	168,818	104,792	11,403	28,870	1,957	27,448
Other NYC	######	94,298	3,964,680	283,959	112,778	6,175	95,905
Long Island	29,793	11,417	270,071	6,091,659	12,905	2,413	8,836
Other NYS	17,870	24,571	123,073	13,393	3,222,900	64,342	88,989
CT	867	1,849	4,361	2,926	64,694	3,618,830	9,978
NJ	40,906	22,200	88,050	6,951	95,742	9,579	#########

RHTS2010 : Trips by Mode and time-of-day

Commuter Rail

AM Peak Period (6 am to 10 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	308	0	0	312	0	0	0	0	4,353	208	0	5,181
Valley	0	0	0	0	0	0	0	0	0	0	346	0	0	0	0	0	346
Midtown	0	0	0	0	0	0	0	0	3,663	0	0	0	123	101	0	0	3,887
Uptown	0	0	58	0	0	91	0	0	343	0	837	0	925	207	103	0	2,564
Bronx	373	0	1,453	0	1,954	138	0	0	0	0	899	0	177	0	0	0	4,996
Queens	11,005	4,393	9,097	768	0	2,669	1,665	0	1,324	313	145	0	263	43	0	0	31,686
Brooklyn	0	0	449	0	907	0	0	0	477	0	2,578	0	0	489	0	0	4,900
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassau	17,649	8,453	32,058	4,522	0	2,226	2,356	87	1,106	0	0	0	0	3,384	0	0	71,841
Suffolk	6,896	4,921	5,001	1,182	0	1,362	1,032	0	1,602	0	0	0	0	1,069	0	0	23,065
Westchester	13,119	3,165	33,989	3,802	203	1,108	1,753	0	0	0	1,685	0	0	1,267	0	0	60,091
Other EHR-NY	1,682	216	831	1,545	43	3,954	0	0	0	0	3,147	0	0	155	0	0	11,572
Connecticut	3,123	1,542	18,077	653	4,507	0	0	0	0	0	1,493	0	12,328	3,000	0	0	44,723
Primary NJ	12,077	15,560	21,559	1,171	836	160	2,784	0	0	0	0	0	0	27,263	658	0	82,067
Other NJ	4,658	3,200	7,842	1,891	0	0	721	0	0	0	0	0	0	9,132	1,501	0	28,946
Other WHR (NY)	1,589	607	3,751	58	0	1,584	0	0	0	0	0	0	0	175	0	0	7,765
Total	72,170	42,058	134,166	15,591	8,451	13,601	10,312	87	8,827	313	11,129	0	13,816	50,638	2,470	0	383,630

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	308	3,975	346	123	4,662
Other Manh	58	-	91	343	837	925	310
Other NYC	26,770	768	7,334	2,114	3,621	440	532
Long Island	74,979	5,703	7,064	2,708	-	-	4,453
Other NYS	58,949	5,404	8,645	-	4,832	-	1,598
CT	22,742	653	4,507	-	1,493	12,328	3,000
NJ	64,896	3,062	4,501	-	-	-	38,554

Midday (10 am to 4 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	1,112	0	0	3,040	582	1,462	537	1,195	323	279	130	8,660
Valley	0	0	0	0	0	0	0	0	1,316	0	649	216	0	390	422	70	3,063
Midtown	0	0	0	0	0	362	0	0	2,870	2,114	3,914	86	458	1,532	1,264	43	12,644
Uptown	0	0	0	0	0	606	0	0	1,730	45	974	1,190	587	516	252	0	5,899
Bronx	0	311	324	0	318	0	0	0	0	55	1,645	427	0	941	0	0	4,021
Queens	1,721	0	362	4,462	0	0	2,101	0	5,077	6,457	0	0	0	4,323	0	0	24,503
Brooklyn	220	302	0	0	0	252	0	0	2,583	95	103	0	0	1,361	0	0	4,916
Staten Island	0	0	0	0	0	174	0	0	0	0	0	0	0	0	0	0	174
Nassau	2,133	192	5,426	1,530	0	2,830	1,409	0	1,685	0	0	0	0	0	0	0	15,205
Suffolk	6,885	0	5,039	890	627	2,031	95	0	1,763	1,607	0	0	0	3,229	0	0	22,166
Westchester	4,930	144	3,991	3,364	1,095	0	1,408	0	0	0	2,578	850	0	0	0	0	18,360
Other EHR-NY	102	0	43	210	427	0	0	0	0	0	772	0	0	0	0	0	1,553
Connecticut	1,594	0	395	0	0	0	0	0	120	0	0	0	306	0	0	0	2,414
Primary NJ	881	1,323	3,435	141	0	3,670	43	0	225	0	0	0	0	10,517	1,691	66	21,990
Other NJ	0	0	593	100	0	0	0	0	0	70	0	0	0	323	0	0	1,086
Other WHR (NY)	266	0	43	0	0	0	0	0	0	0	0	0	0	0	0	0	310
Total	18,733	2,271	19,650	10,697	2,467	11,037	5,056	0	20,408	11,025	12,098	3,307	2,545	23,453	3,908	308	146,964

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	1,474	9,923	7,107	1,653	4,210
Other Manh	-	-	606	1,774	2,164	587	768
Other NYC	3,240	4,462	2,844	14,267	2,176	-	6,624
Long Island	19,675	2,421	6,993	5,055	-	-	3,229
Other NYS	9,519	3,574	2,930	-	4,201	-	-
CT	1,988	-	-	120	-	306	-
NJ	6,231	241	3,713	295	66	-	12,531

PM Peak Period (4 pm to 8 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	2,072	417	14,236	0	0	16,833	6,676	11,111	1,274	4,095	10,169	4,679	1,420	72,982
Valley	0	0	0	0	0	3,942	302	0	8,993	4,918	3,165	369	617	15,135	2,959	537	40,937
Midtown	0	0	0	0	1,510	13,137	449	0	25,934	11,303	24,913	800	14,135	22,571	7,197	3,566	125,515
Uptown	0	0	0	0	102	2,357	0	0	4,330	657	4,558	119	66	1,313	1,891	58	15,453
Bronx	0	0	0	0	2,992	0	0	0	0	0	251	43	0	1,227	0	0	4,513
Queens	0	0	334	233	138	630	0	0	1,678	1,016	1,108	3,954	0	160	0	0	9,252
Brooklyn	0	0	0	0	0	1,672	0	0	2,297	1,032	4,020	0	0	4,048	1,798	0	14,868
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassau	1,171	373	5,200	490	0	2,950	3,213	0	3,223	1,055	0	0	0	0	0	0	17,675
Suffolk	663	0	342	0	0	0	0	0	0	1,690	0	0	0	0	0	0	2,694
Westchester	361	442	341	309	1,437	643	2,578	0	0	0	959	2,491	1,493	0	0	0	11,054
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut	303	0	1,371	1,076	177	263	0	0	0	0	0	0	13,294	0	0	0	16,485
Primary NJ	5,456	0	4,921	250	1,227	57	399	0	3,384	1,121	1,267	155	3,000	22,201	8,495	110	52,044
Other NJ	819	0	646	103	0	0	0	0	0	0	0	0	0	162	1,376	0	3,106
Other WHR (NY)	204	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	204
Total	8,978	815	13,155	4,534	8,001	39,888	6,940	0	66,671	29,469	51,353	9,206	36,699	76,986	28,396	5,691	386,782

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	2,072	33,992	74,658	47,156	18,846	62,709
Other Manh	-	-	2,459	4,988	4,735	66	3,205
Other NYC	334	233	5,433	6,023	9,376	-	7,234
Long Island	7,749	490	6,163	5,967	-	-	-
Other NYS	1,348	309	4,658	-	3,450	1,493	-
CT	1,674	1,076	440	-	-	13,294	-
NJ	11,843	353	1,683	4,505	1,532	3,000	32,234

RHTS2010 : Trips by Mode and time-of-day

Commuter Rail

Early Morning/Night (8 pm to 6 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	0	0	2,193	0	0	1,841	2,979	1,719	43	0	1,462	854	0	11,091
Valley	0	0	0	0	0	0	0	0	0	0	239	0	0	541	0	0	781
Midtown	0	0	0	0	0	0	0	0	2,079	5,188	448	43	389	5,728	1,502	0	15,376
Uptown	0	0	0	0	0	0	0	0	0	421	1,847	0	0	0	0	232	2,500
Bronx	0	0	0	0	279	0	0	0	0	572	1,656	0	0	0	0	0	2,508
Queens	0	0	0	0	0	329	0	0	704	707	0	0	0	0	0	0	1,740
Brooklyn	0	0	0	0	0	0	0	0	2,765	0	0	0	4,507	0	0	0	7,272
Staten Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassau	1,154	0	43	0	0	0	0	0	932	311	0	0	0	0	0	0	2,439
Suffolk	0	49	0	0	0	2,470	0	0	0	904	0	0	0	0	0	0	3,423
Westchester	0	320	655	426	236	0	0	0	0	0	542	0	0	581	0	0	2,759
Other EHR-NY	0	0	0	1,808	0	0	0	0	0	0	0	0	0	0	0	0	1,808
Connecticut	0	0	123	0	0	0	0	0	0	0	0	0	617	0	0	0	740
Primary NJ	0	0	0	0	0	595	0	0	0	61	0	0	0	2,073	0	0	2,730
Other NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,154	369	821	2,233	515	5,586	0	0	8,321	11,144	6,451	86	5,513	10,385	2,356	232	55,167

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	-	2,193	12,087	2,493	389	10,087
Other Manh	-	-	-	421	2,079	-	-
Other NYC	-	-	609	4,749	1,656	4,507	-
Long Island	1,246	-	2,470	2,147	-	-	-
Other NYS	975	2,233	236	-	542	-	581
CT	123	-	-	-	-	617	-
NJ	-	-	595	61	-	-	2,073

Daily Trips

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	0	0	0	2,072	417	17,849	0	0	22,027	10,237	14,292	1,854	5,290	16,307	6,019	1,550	97,913
Valley	0	0	0	0	0	3,942	302	0	10,309	4,918	4,400	585	617	16,066	3,381	607	45,127
Midtown	0	0	0	0	1,510	13,499	449	0	34,545	18,606	29,276	929	15,104	29,932	9,963	3,609	157,422
Uptown	0	0	58	0	102	3,054	0	0	6,403	1,123	8,215	1,310	1,578	2,036	2,247	290	26,417
Bronx	373	311	1,777	0	5,544	138	0	0	0	627	4,451	470	177	2,169	0	0	16,038
Queens	12,727	4,393	9,793	5,463	138	3,628	3,766	0	8,783	8,494	1,253	3,954	263	4,526	0	0	67,181
Brooklyn	220	302	449	0	907	1,924	0	0	8,121	1,128	6,702	0	4,507	5,898	1,798	0	31,956
Staten Island	0	0	0	0	0	174	0	0	0	0	0	0	0	0	0	0	174
Nassau	22,107	9,018	42,728	6,542	0	8,006	6,978	87	6,946	1,365	0	0	0	3,384	0	0	107,161
Suffolk	14,443	4,971	10,382	2,072	627	5,863	1,128	0	3,365	4,201	0	0	0	4,298	0	0	51,349
Westchester	18,410	4,071	38,975	7,901	2,970	1,751	5,739	0	0	0	5,764	3,342	1,493	1,848	0	0	92,264
Other EHR-NY	1,783	216	874	3,562	470	3,954	0	0	0	0	3,919	0	0	155	0	0	14,933
Connecticut	5,019	1,542	19,966	1,729	4,685	263	0	0	120	0	1,493	0	26,544	3,000	0	0	64,361
Primary NJ	18,414	16,883	29,915	1,561	2,063	4,483	3,225	0	3,608	1,182	1,267	155	3,000	62,053	10,845	175	158,831
Other NJ	5,478	3,200	9,081	2,094	0	0	721	0	0	70	0	0	0	9,617	2,877	0	33,137
Other WHR (NY)	2,060	607	3,794	58	0	1,584	0	0	0	0	0	0	0	175	0	0	8,278
Total	101,034	45,512	167,792	33,055	19,434	70,112	22,308	87	104,228	51,951	81,031	12,599	58,574	161,462	37,130	6,232	972,542

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	-	2,072	37,966	100,642	57,102	21,011	81,668
Other Manh	58	-	3,157	7,526	9,815	1,578	4,283
Other NYC	30,344	5,463	16,220	27,153	16,830	4,948	14,391
Long Island	103,649	8,614	22,689	15,877	-	-	7,681
Other NYS	70,790	11,521	16,468	-	13,025	1,493	2,179
CT	26,527	1,729	4,948	120	1,493	26,544	3,000
NJ	82,970	3,656	10,492	4,861	1,598	3,000	85,391

RHTS2010 : Trips by Mode and time-of-day

Subway + Bus

AM Peak Period (6 am to 10 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	29,657	13,490	37,841	13,336	4,001	3,981	6,520	0	0	0	0	0	0	4,539	0	0	113,364
Valley	7,610	2,361	2,022	240	436	0	1,600	357	0	0	0	0	940	920	0	0	16,484
Midtown	9,528	3,738	13,752	7,751	2,030	667	1,190	47	0	0	0	0	0	1,540	0	0	40,242
Uptown	62,810	16,093	75,873	114,216	11,392	2,868	6,196	0	0	0	0	0	0	4,079	0	0	293,529
Bronx	30,823	8,988	28,925	66,295	134,423	15,133	17,175	0	0	0	431	0	0	607	0	0	302,799
Queens	63,353	30,490	76,739	35,365	9,424	167,069	27,243	127	1,399	0	0	0	0	4,350	79	0	415,637
Brooklyn	87,761	52,534	66,346	41,884	2,888	38,481	284,056	0	0	0	0	0	0	5,752	0	0	579,702
Staten Island	8,698	6,214	14,745	5,598	0	1,408	3,615	14,015	0	0	0	0	0	835	0	0	55,128
Nassau	781	2,128	2,307	597	0	4,053	119	0	9,621	0	0	0	0	0	0	0	19,604
Suffolk	0	0	1,369	0	0	0	0	0	0	2,864	0	0	0	0	0	0	4,233
Westchester	1,029	285	105	674	484	0	0	0	0	0	9,567	0	0	0	0	0	12,143
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	552	2,557	0	0	0	0	3,110
Connecticut	0	0	0	582	0	0	0	0	0	0	0	0	16,386	0	0	0	16,968
Primary NJ	20,991	20,469	54,114	10,112	2,057	733	6,412	108	0	0	82	0	0	140,993	229	0	256,300
Other NJ	845	6,904	12,624	2,053	0	817	0	0	0	0	0	0	0	2,361	12,454	0	38,058
Other WHR (NY)	2,202	257	3,881	50	0	277	2,169	0	0	0	7,909	0	0	0	0	3,219	19,965
Total	326,087	163,950	390,643	298,752	167,134	235,488	356,293	14,654	11,019	2,864	18,541	2,557	17,326	165,975	12,762	3,219	2,187,266

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	119,998	21,327	20,828	-	-	940	6,999
Other Manh	154,777	114,216	20,456	-	-	-	4,079
Other NYC	475,617	149,142	715,056	1,399	431	-	11,623
Long Island	6,584	597	4,171	12,485	-	-	-
Other NYS	7,759	724	2,930	-	23,805	-	-
CT	-	582	-	-	-	16,386	-
NJ	115,947	12,165	10,127	-	82	-	156,037

Midday (10 am to 4 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	45,151	21,936	30,658	47,622	21,248	24,815	32,109	6,842	287	0	0	0	582	5,977	819	1,794	239,839
Valley	18,555	521	3,113	12,124	7,457	215	11,131	1,800	0	0	0	0	0	13,240	1,340	0	69,494
Midtown	25,861	4,567	33,731	22,759	6,038	18,545	25,305	2,502	902	170	0	0	0	11,065	0	1,384	152,829
Uptown	52,783	10,905	44,599	134,675	47,766	17,135	48,380	6,028	430	0	43	50	0	2,436	0	50	365,280
Bronx	24,289	7,147	13,972	39,298	182,103	6,596	9,030	0	0	0	5,254	0	0	1,115	0	0	288,803
Queens	41,839	7,845	25,752	23,337	8,676	250,923	28,815	1,334	2,774	0	187	0	0	1,891	0	0	393,371
Brooklyn	54,558	22,511	38,688	40,963	17,804	17,552	360,670	4,783	0	0	0	0	0	4,969	0	0	562,498
Staten Island	3,825	276	1,174	531	0	136	0	34,138	0	0	0	0	0	0	0	0	40,079
Nassau	0	0	0	1,393	0	3,354	152	0	10,066	0	0	0	0	0	0	0	14,965
Suffolk	0	119	547	0	0	0	0	0	0	10,793	0	0	0	0	0	0	11,460
Westchester	87	329	727	1,777	1,494	0	0	0	0	0	20,451	0	0	182	0	0	25,047
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	2,841	0	0	0	0	2,841
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	29,494	0	0	0	29,494
Primary NJ	19,557	11,762	11,994	9,339	1,677	2,946	2,555	193	0	0	100	558	0	177,096	2,945	0	240,722
Other NJ	736	43	1,253	757	0	0	0	0	0	0	0	0	0	759	17,348	0	20,896
Other WHR (NY)	823	0	370	0	0	0	0	0	0	0	0	0	0	0	0	9,258	10,451
Total	288,063	87,961	206,576	334,577	294,263	342,217	518,146	57,619	14,459	10,964	26,034	3,449	30,076	218,728	22,453	12,486	2,468,069

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	184,092	82,505	158,006	1,360	3,178	582	32,440
Other Manh	108,286	134,675	119,310	430	143	-	2,436
Other NYC	241,874	104,130	922,559	2,774	5,440	-	7,974
Long Island	667	1,393	3,506	20,859	-	-	-
Other NYS	2,336	1,777	1,494	-	32,550	-	182
CT	-	-	-	-	-	29,494	-
NJ	45,345	10,097	7,371	-	658	-	198,149

PM Peak Period (4 pm to 8 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	57,710	5,998	13,466	79,971	30,326	68,374	89,231	6,398	1,237	0	138	0	0	27,239	972	1,231	382,289
Valley	21,437	242	4,266	14,406	7,710	24,418	40,886	4,123	3,244	119	285	0	0	15,552	5,419	126	142,232
Midtown	45,642	3,827	14,557	68,113	30,636	71,409	60,680	10,780	2,177	1,393	207	0	0	47,404	10,577	2,718	370,118
Uptown	29,364	2,601	26,449	105,324	44,903	34,404	45,439	2,243	1,062	0	674	0	0	11,893	2,721	53	307,129
Bronx	15,929	581	2,300	13,838	127,391	12,122	1,850	0	0	0	1,130	1,695	0	3,238	0	0	180,075
Queens	7,925	2,272	15,217	10,858	15,531	140,272	21,389	210	569	0	682	0	0	1,640	738	277	217,579
Brooklyn	24,352	4,598	8,962	9,072	7,192	32,707	238,032	2,635	119	0	0	0	0	3,910	0	2,169	333,747
Staten Island	860	1,875	0	1,230	98	127	1,699	6,616	0	0	0	0	0	0	0	0	12,505
Nassau	0	0	0	0	0	3,861	0	0	3,614	0	0	0	0	0	0	0	7,476
Suffolk	0	0	0	0	0	0	0	0	0	1,750	0	0	0	0	0	0	1,750
Westchester	0	0	0	227	3,964	0	0	0	0	0	11,540	552	0	0	0	7,909	24,192
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	1,075	0	0	0	0	1,075
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	9,571	0	0	0	9,571
Primary NJ	3,802	2,167	2,465	5,424	860	3,504	4,330	641	0	0	0	0	0	101,601	1,224	0	126,020
Other NJ	0	0	0	331	0	0	0	0	0	0	0	0	0	894	8,569	0	9,795
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,859	2,859
Total	207,020	24,160	87,682	308,793	268,612	391,198	503,537	33,645	12,021	3,262	14,655	3,323	9,571	213,370	30,220	17,342	2,128,412

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	167,145	162,489	444,970	8,169	4,704	-	107,162
Other Manh	58,414	105,324	126,989	1,062	726	-	14,613
Other NYC	84,869	34,998	607,872	687	5,953	-	9,526
Long Island	-	-	3,861	5,365	-	-	-
Other NYS	-	227	3,964	-	23,936	-	-
CT	-	-	-	-	-	9,571	-
NJ	8,434	5,755	9,336	-	-	-	112,289

RHTS2010 : Trips by Mode and time-of-day

Subway + Bus

Early Morning/Night (8 pm to 6 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	9,260	2,275	1,054	19,921	19,648	15,771	36,455	2,850	411	0	0	0	0	6,849	402	0	114,896
Valley	1,244	0	527	2,723	4,182	5,037	7,943	872	0	0	0	0	0	1,188	262	53	24,030
Midtown	9,134	868	4,987	18,258	3,396	21,596	30,622	1,272	188	0	0	0	0	6,927	0	0	97,248
Uptown	9,396	244	3,749	39,562	12,722	9,250	8,393	813	0	0	1,616	0	0	4,750	0	0	90,495
Bronx	170	254	6,764	11,385	46,094	0	2,150	0	0	0	0	0	0	0	0	0	66,817
Queens	2,758	207	1,596	5,287	3,766	40,765	5,051	0	0	0	0	0	0	538	0	0	59,968
Brooklyn	9,233	0	1,005	5,528	1,623	3,753	67,576	1,137	0	0	0	0	0	411	0	0	90,265
Staten Island	0	789	97	2,058	0	225	3,147	5,177	0	0	0	0	0	0	0	0	11,493
Nassau	411	0	545	0	0	848	0	0	810	0	0	0	0	0	0	0	2,614
Suffolk	0	0	0	0	0	0	0	0	0	59	0	0	0	0	0	0	59
Westchester	0	0	0	0	649	187	0	0	0	0	1,342	0	0	0	0	0	2,177
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	1,309	0	0	0	1,309
Primary NJ	1,463	0	326	1,608	0	0	2,202	0	0	0	0	0	0	22,434	1,660	0	29,693
Other NJ	0	207	0	0	0	0	0	0	0	0	0	0	0	0	1,083	0	1,290
Other WHR (NY)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	43,067	4,844	20,650	106,330	92,080	97,431	163,538	12,121	1,409	59	2,958	0	1,309	43,096	3,407	53	592,354

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	29,349	40,902	149,644	599	53	-	15,628
Other Manh	13,388	39,562	31,179	-	1,616	-	4,750
Other NYC	22,873	24,258	180,463	-	-	-	949
Long Island	956	-	848	869	-	-	-
Other NYS	-	-	835	-	1,342	-	-
CT	-	-	-	-	-	1,309	-
NJ	1,995	1,608	2,202	-	-	-	25,177

Daily Trips

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	141,778	43,699	83,019	160,849	75,222	112,941	164,314	16,090	1,935	0	138	0	582	44,603	2,194	3,025	850,389
Valley	48,845	3,123	9,928	29,492	19,786	29,670	61,559	7,151	3,244	119	285	0	940	30,900	7,020	179	252,240
Midtown	90,166	12,999	67,027	116,881	42,101	112,217	117,797	14,601	3,267	1,563	207	0	0	66,935	10,577	4,102	660,438
Uptown	154,352	29,843	150,671	393,777	116,783	63,657	108,409	9,085	1,492	0	2,333	50	0	23,158	2,721	103	1,056,432
Bronx	71,211	16,970	51,961	130,816	490,011	33,852	30,206	0	0	0	6,814	1,695	0	4,960	0	0	838,494
Queens	115,875	40,814	119,304	74,847	37,396	599,029	82,497	1,671	4,742	0	868	0	0	8,418	817	277	1,086,554
Brooklyn	175,904	79,642	115,001	97,448	29,508	92,493	950,333	8,554	119	0	0	0	0	15,042	0	2,169	1,566,213
Staten Island	13,383	9,154	16,016	9,418	98	1,896	8,461	59,945	0	0	0	0	0	835	0	0	119,206
Nassau	1,192	2,128	2,851	1,990	0	12,116	270	0	24,111	0	0	0	0	0	0	0	44,658
Suffolk	0	119	1,916	0	0	0	0	0	0	15,467	0	0	0	0	0	0	17,502
Westchester	1,116	614	832	2,678	6,590	187	0	0	0	0	42,900	552	0	182	0	7,909	63,560
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	552	6,473	0	0	0	0	7,026
Connecticut	0	0	0	582	0	0	0	0	0	0	0	0	56,760	0	0	0	57,342
Primary NJ	45,813	34,398	68,899	26,484	4,594	7,183	15,499	943	0	0	182	558	0	442,124	6,059	0	652,735
Other NJ	1,580	7,154	13,877	3,141	0	817	0	0	0	0	0	0	0	4,014	39,454	0	70,038
Other WHR (NY)	3,025	257	4,251	50	0	277	2,169	0	0	0	7,909	0	0	0	0	15,336	33,274
Total	864,238	280,914	705,552	1,048,452	822,089	1,066,335	1,541,515	118,040	38,909	17,149	62,188	9,329	58,281	641,170	68,842	33,099	7,376,101

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	500,584	307,222	773,449	10,129	7,934	1,521	162,228
Other Manh	334,865	393,777	297,933	1,492	2,486	-	25,878
Other NYC	825,233	312,528	2,425,950	4,860	11,824	-	30,072
Long Island	8,206	1,990	12,386	39,578	-	-	-
Other NYS	10,095	2,728	9,223	-	81,632	-	182
CT	-	582	-	-	-	56,760	-
NJ	171,721	29,625	29,036	-	740	-	491,652

NYBPM2010 : Trips by Mode and time-of-day

Auto and Taxi Vehicle Trips
(excluding external trips)

AM Peak Period (6 am to 10 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	18,378	2,267	3,986	2,978	1,767	4,540	1,610	330	985	72	309	12	212	2,444	713	406	41,009
Valley	1,982	2,913	541	586	685	334	401	150	145	20	136	5	154	1,326	373	81	9,832
Midtown	4,273	961	11,465	4,382	2,135	1,752	1,024	171	1,230	82	593	29	238	2,096	541	604	31,576
Uptown	7,690	2,549	11,964	23,177	9,452	4,237	1,878	239	1,676	219	2,013	207	1,575	4,182	1,458	1,036	73,552
Bronx	2,196	1,830	3,927	16,139	77,858	5,877	2,839	111	3,457	1,647	23,031	80	2,943	4,797	617	1,823	149,172
Queens	20,874	811	6,160	5,494	16,812	251,358	18,005	562	29,136	2,456	1,747	171	2,032	2,322	287	640	358,867
Brooklyn	5,182	1,428	4,158	6,307	22,288	25,490	250,909	5,872	20,444	2,342	869	20	334	4,255	792	395	351,085
Staten Island	1,157	913	653	1,143	308	3,129	11,651	90,486	4,523	46	56	2	15	10,718	2,758	23	127,581
Nassau	1,309	563	5,439	5,792	1,769	36,917	24,715	466	315,141	49,148	495	17	990	3,553	852	594	447,760
Suffolk	238	85	231	608	319	6,734	3,147	70	99,136	590,615	361	17	85	594	95	71	702,406
Westchester	917	640	2,498	5,056	28,773	1,527	1,087	14	835	68	200,651	10,750	19,596	1,963	105	7,680	282,160
Other EHR-NY	67	48	146	182	963	3,022	272	21	195	354	20,054	115,851	5,952	454	46	10,078	157,705
Connecticut	662	219	693	954	2,872	9,816	1,469	69	6,507	115	17,740	2,952	614,339	4,382	123	1,183	664,095
Primary NJ	5,049	5,635	5,916	4,169	8,109	4,985	5,286	5,534	4,130	210	3,054	73	1,822	1,267,534	129,255	11,717	1,462,478
Other NJ	1,346	1,717	1,412	1,412	416	453	1,835	3,477	698	22	210	15	62	125,949	868,544	2,126	1,009,694
Other WHR (NY)	660	348	2,481	1,058	1,421	791	877	12	1,164	20	8,733	6,549	887	23,342	4,666	169,446	222,455
Total	71,980	22,927	61,670	79,437	175,947	360,962	327,005	107,584	489,402	647,436	280,052	136,750	651,236	1,459,911	1,011,225	207,903	6,091,427

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	46,766	7,946	14,899	2,534	2,175	604	7,493
Other Manh	22,203	23,177	15,806	1,895	3,256	1,575	5,640
Other NYC	49,289	29,083	783,555	64,051	28,857	5,324	26,546
Long Island	7,865	6,400	74,137	1,054,040	1,555	1,075	5,094
Other NYS	7,805	6,296	38,780	2,636	549,792	26,435	30,576
CT	1,574	954	14,226	6,622	21,875	614,339	4,505
NJ	21,075	5,581	30,095	5,060	17,195	1,884	2,391,282

Midday (10 am to 4 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	43,812	5,384	7,693	8,628	2,357	11,203	6,471	930	2,037	510	1,111	72	481	4,485	1,376	612	97,162
Valley	5,711	6,012	1,292	1,515	864	738	1,100	450	451	54	249	27	121	2,145	642	151	21,522
Midtown	7,461	1,392	39,831	11,075	2,568	3,310	3,493	521	2,278	480	1,627	193	402	4,226	1,274	985	81,116
Uptown	10,688	2,581	16,167	67,818	16,928	6,216	5,911	1,501	2,529	1,203	5,828	490	1,105	4,756	2,507	1,318	147,546
Bronx	2,930	1,422	3,763	20,736	158,234	12,551	10,386	308	2,370	1,025	49,348	421	2,590	9,374	749	4,500	280,707
Queens	16,711	876	4,875	6,979	12,113	444,342	37,538	2,358	59,915	7,388	2,199	1,150	6,414	5,288	606	1,747	610,499
Brooklyn	7,529	1,155	4,213	6,834	10,393	35,322	448,324	9,018	21,017	5,663	1,128	200	1,058	6,322	1,717	1,395	561,288
Staten Island	936	519	580	1,335	222	2,324	8,215	187,683	1,923	54	21	12	31	7,665	2,157	13	213,690
Nassau	2,461	633	4,085	4,447	2,502	58,577	20,930	1,765	686,037	85,094	891	116	2,759	3,838	709	766	875,610
Suffolk	564	73	532	1,259	1,107	6,586	5,122	53	83,518	1,105,632	271	131	119	396	80	52	1,205,495
Westchester	1,310	455	2,297	6,523	47,415	1,982	1,038	24	774	210	359,901	20,656	25,727	2,673	222	9,279	480,486
Other EHR-NY	37	35	201	400	383	1,091	91	5	74	121	20,974	211,580	5,899	288	49	6,317	247,545
Connecticut	546	182	502	1,141	2,561	6,160	807	24	2,769	108	25,761	6,490	1,074,378	2,555	90	743	1,124,817
Primary NJ	4,250	2,295	4,384	5,350	7,184	4,436	4,971	8,099	3,165	376	2,417	308	2,753	2,460,104	156,157	29,280	2,695,529
Other NJ	1,426	618	1,218	2,499	607	485	977	2,127	611	77	196	42	102	154,515	1,674,021	4,615	1,844,136
Other WHR (NY)	609	145	988	1,275	3,622	1,403	1,265	12	604	51	7,334	6,137	709	29,138	4,620	318,109	376,021
Total	106,981	23,777	92,621	147,814	269,060	596,726	556,639	214,878	870,072	1,208,046	479,256	248,025	1,124,648	2,697,768	1,846,976	379,882	10,863,169

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	118,588	21,218	34,005	5,810	5,027	1,004	14,148
Other Manh	29,436	67,818	30,556	3,732	7,636	1,105	7,263
Other NYC	45,509	35,884	1,379,331	99,355	62,134	10,093	33,878
Long Island	8,348	5,706	96,642	1,960,281	2,227	2,878	5,023
Other NYS	6,077	8,198	58,331	1,834	960,287	32,335	36,990
CT	1,230	1,141	9,552	2,877	32,994	1,074,378	2,645
NJ	14,191	7,849	28,886	4,229	36,858	2,855	4,444,797

PM Peak Period (4 pm to 8 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	27,607	2,722	5,995	10,200	3,339	23,688	8,310	1,540	2,299	417	1,414	130	884	5,789	1,750	890	96,974
Valley	3,407	3,358	1,380	2,873	1,888	1,043	1,678	838	715	85	630	51	260	5,430	1,610	342	25,588
Midtown	6,792	765	15,643	15,040	4,671	6,909	5,527	858	5,627	415	2,926	223	875	6,674	1,795	2,441	77,181
Uptown	6,434	941	7,660	42,479	20,423	7,985	7,563	1,339	5,852	926	6,681	827	1,245	5,447	2,225	1,472	119,499
Bronx	2,780	723	2,603	13,911	130,016	16,184	18,712	494	2,317	644	43,443	817	2,850	7,091	664	5,610	248,859
Queens	6,228	545	2,077	5,625	7,230	384,080	40,029	3,041	62,493	9,544	2,190	2,397	9,548	4,712	452	2,260	542,451
Brooklyn	5,321	801	2,033	3,212	4,651	32,577	394,879	11,596	24,802	6,872	1,013	271	1,462	4,820	1,248	1,683	497,241
Staten Island	549	183	291	720	200	1,165	7,091	158,224	705	64	24	21	73	6,373	2,810	13	178,506
Nassau	2,171	471	1,700	1,929	3,130	53,550	21,998	3,454	555,104	105,162	933	153	4,710	3,761	646	977	759,849
Suffolk	523	23	477	1,225	1,812	4,803	4,529	62	68,634	963,403	192	253	199	239	46	43	1,046,463
Westchester	897	136	1,192	3,731	40,270	2,075	1,219	51	932	329	282,288	21,836	24,176	2,399	254	6,242	388,027
Other EHR-NY	29	17	177	427	164	313	35	0	18	23	15,611	174,014	5,052	81	11	6,147	202,119
Connecticut	254	115	260	1,364	3,039	3,429	538	22	1,095	55	26,894	7,169	932,931	1,514	51	709	979,439
Primary NJ	3,412	1,278	2,850	4,670	5,730	2,903	6,239	10,236	3,435	470	1,924	496	3,623	1,893,090	120,285	29,391	2,090,032
Other NJ	1,097	349	1,009	2,127	707	409	1,259	2,498	862	72	208	44	130	126,498	1,318,181	4,993	1,460,443
Other WHR (NY)	751	89	643	1,536	4,248	1,632	2,270	24	659	78	6,724	8,587	1,055	18,598	2,572	259,307	308,773
Total	68,252	12,516	45,990	111,069	231,518	542,745	521,876	194,277	735,549	1,088,559	393,095	217,289	989,073	2,092,516	1,454,600	322,520	9,021,444

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	67,669	28,113	60,289	9,558	9,047	2,019	23,048
Other Manh	15,035	42,479	37,310	6,778	8,980	1,245	7,672
Other NYC	24,134	23,468	1,210,169	107,441	59,742	13,933	28,170
Long Island	5,365	3,154	93,338	1,692,303	2,551	4,909	4,692
Other NYS	3,931	5,694	52,301	2,039	780,756	30,283	23,915
CT	629	1,364	7,028	1,150	34,772	932,931	1,565
NJ	9,995	6,797	29,981	4,839	37,056	3,753	3,458,054

NYBPM2010 : Trips by Mode and time-of-day

Auto and Taxi Vehicle Trips
(excluding external trips)

Early Morning/Night (8 pm to 6 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	22,414	2,166	5,198	8,566	2,282	15,091	7,042	894	2,095	640	1,299	39	381	4,159	1,240	924	74,430
Valley	2,165	2,462	910	2,188	1,122	831	1,128	480	620	56	377	33	140	3,141	944	248	16,845
Midtown	5,797	707	8,535	11,828	2,702	4,020	3,686	565	3,599	609	2,092	222	419	4,554	1,460	1,549	52,344
Uptown	5,495	1,192	7,142	34,409	13,853	5,174	5,092	1,117	3,476	1,374	4,247	335	732	4,313	1,755	1,550	91,256
Bronx	2,310	946	2,433	11,483	71,633	6,153	6,592	177	1,247	914	23,125	259	1,669	3,470	299	2,916	135,626
Queens	11,073	502	2,908	4,406	5,195	229,717	20,240	1,355	33,475	4,512	1,270	768	3,665	2,055	293	1,140	322,574
Brooklyn	3,703	695	2,469	3,869	4,459	21,797	238,427	5,631	12,042	3,476	754	74	482	3,800	927	2,219	304,824
Staten Island	643	330	350	739	236	817	4,777	98,997	781	28	8	4	21	6,098	1,959	15	115,803
Nassau	1,429	393	2,712	2,865	1,532	38,445	11,515	1,132	354,235	51,645	749	59	1,694	1,839	430	351	471,025
Suffolk	332	45	327	694	685	3,383	4,347	25	43,285	599,284	117	70	51	137	17	21	652,820
Westchester	841	295	1,364	3,557	23,136	1,152	508	12	475	233	167,694	11,584	14,804	1,324	238	2,752	229,969
Other EHR-NY	31	18	98	713	205	479	26	2	25	51	8,395	102,698	3,100	88	25	2,970	118,924
Connecticut	256	112	288	662	1,369	2,751	322	17	1,167	52	13,379	3,805	558,273	1,013	41	371	583,878
Primary NJ	3,919	3,434	4,360	4,140	3,458	1,994	3,188	6,763	1,816	202	1,071	197	1,363	1,620,866	92,156	19,816	1,768,743
Other NJ	1,228	1,027	1,216	1,884	563	267	641	1,666	428	41	141	29	50	91,340	1,035,459	2,957	1,138,937
Other WHR (NY)	726	243	1,626	1,530	5,409	1,887	1,387	8	455	26	3,521	4,053	428	18,390	3,166	210,953	253,808
Total	62,362	14,567	41,936	93,533	137,839	333,958	308,918	118,841	459,221	663,143	228,239	124,229	587,272	1,766,587	1,140,409	250,752	6,331,806

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	50,354	22,582	39,843	7,619	6,783	940	15,498
Other Manh	13,829	34,409	25,236	4,850	6,132	732	6,068
Other NYC	28,362	20,497	716,203	56,475	32,552	5,837	18,901
Long Island	5,238	3,559	61,064	1,048,449	1,367	1,745	2,423
Other NYS	5,242	5,800	34,211	1,265	514,620	18,332	23,231
CT	656	662	4,459	1,219	17,555	558,273	1,054
NJ	15,184	6,024	18,540	2,487	24,211	1,413	2,839,821

Daily Trips

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	112,211	12,539	22,872	30,372	9,745	54,522	23,433	3,694	7,416	1,639	4,133	253	1,958	16,877	5,079	2,832	309,575
Valley	13,265	14,745	4,123	7,162	4,559	2,946	4,307	1,918	1,931	215	1,392	116	675	12,042	3,569	822	73,787
Midtown	24,323	3,825	75,474	42,325	12,076	15,991	13,730	2,115	12,734	1,586	7,238	667	1,934	17,550	5,070	5,579	242,217
Uptown	30,307	7,263	42,933	167,883	60,656	23,612	20,444	4,196	13,533	3,722	18,769	1,859	4,657	18,698	7,945	5,376	431,853
Bronx	10,216	4,921	12,726	62,269	437,741	40,765	38,529	1,090	9,391	4,230	138,947	1,577	10,052	24,732	2,329	14,849	814,364
Queens	54,886	2,734	16,020	22,504	41,350	1,309,497	115,812	7,316	185,019	23,900	7,406	4,486	21,659	14,377	1,638	5,787	1,834,391
Brooklyn	21,735	4,079	12,873	20,222	41,791	115,186	1,332,539	32,117	78,305	18,353	3,764	565	3,336	19,197	4,684	5,692	1,714,438
Staten Island	3,285	1,945	1,874	3,937	966	7,435	31,734	535,390	7,932	192	109	39	140	30,854	9,684	64	635,580
Nassau	7,370	2,060	13,936	15,033	8,933	187,489	79,158	6,817	1,910,517	291,049	3,068	345	10,153	12,991	2,637	2,688	2,554,244
Suffolk	1,657	226	1,567	3,786	3,923	21,506	17,145	210	294,573	3,258,934	941	471	454	1,366	238	187	3,607,184
Westchester	3,965	1,526	7,351	18,867	139,594	6,736	3,852	101	3,016	840	1,010,534	64,826	84,303	8,359	819	25,953	1,380,642
Other EHR-NY	164	118	622	1,722	1,715	4,905	424	28	312	549	65,034	604,143	20,003	911	131	25,512	726,293
Connecticut	1,718	628	1,743	4,121	9,841	22,156	3,136	132	11,538	330	83,774	20,416	3,179,921	9,464	305	3,006	3,352,229
Primary NJ	16,630	12,642	17,510	18,329	24,481	14,318	19,684	30,632	12,546	1,258	8,466	1,074	9,561	7,241,594	497,853	90,204	8,016,782
Other NJ	5,097	3,711	4,855	7,922	2,293	1,614	4,712	9,768	2,599	212	755	130	344	498,302	4,896,205	14,691	5,453,210
Other WHR (NY)	2,746	825	5,738	5,399	14,700	5,713	5,799	56	2,882	175	26,312	25,326	3,079	89,468	15,024	957,815	1,161,057
Total	309,575	73,787	242,217	431,853	814,364	1,834,391	1,714,438	635,580	2,554,244	3,607,184	1,380,642	726,293	3,352,229	8,016,782	5,453,210	1,161,057	32,307,846

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	283,377	79,859	149,036	25,521	23,032	4,567	60,187
Other Manh	80,503	167,883	108,908	17,255	26,004	4,657	26,643
Other NYC	147,294	108,932	4,089,258	327,322	183,285	35,187	107,495
Long Island	26,816	18,819	325,181	5,755,073	7,700	10,607	17,232
Other NYS	23,055	25,988	183,623	7,774	2,805,455	107,385	114,712
CT	4,089	4,121	35,265	11,868	107,196	3,179,921	9,769
NJ	60,445	26,251	107,502	16,615	115,320	9,905	13,133,954

NYBPM2010 : Trips by Mode and time-of-day

Commuter Rail

AM Peak Period (6 am to 10 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	3,462	1,473	4,355	387	68	680	24	11	270	68	224	13	60	742	109	51	11,997
Valley	322	425	426	39	9	63	5	11	57	6	16	3	252	97	26	7	1,764
Midtown	2,543	965	6,932	1,671	101	334	23	3	964	622	430	10	106	359	106	15	15,184
Uptown	1,368	1,367	5,760	1,516	264	567	104	22	326	78	1,172	447	607	551	157	59	14,365
Bronx	847	421	3,558	1,942	1,874	321	47	76	84	59	1,539	20	823	195	5	2	11,813
Queens	37,341	1,465	15,212	3,646	1,573	7,339	941	144	900	83	128	32	106	170	4	4	69,088
Brooklyn	353	243	1,998	144	371	2,021	11,809	9	1,209	73	170	4	30	103	18	27	18,582
Staten Island	66	71	143	103	6	25	12	6	73	4	2	0	1	18	1	0	531
Nassau	5,009	3,658	69,106	11,360	1,298	5,137	4,906	177	2,699	455	9	3	25	8	0	3	103,853
Suffolk	534	1,644	2,568	1,130	75	1,263	883	27	2,101	1,453	28	0	3	1	0	1	11,711
Westchester	4,672	4,028	16,949	10,028	2,513	1,065	508	1	23	5	9,597	182	2,124	40	8	30	51,773
Other EHR-NY	419	640	1,735	538	373	1,127	119	2	25	6	1,437	318	220	91	6	65	7,121
Connecticut	4,353	3,894	6,809	1,490	493	4,117	546	13	159	27	1,766	15	7,786	228	9	6	31,711
Primary NJ	9,334	13,196	13,588	2,412	521	567	590	43	21	1	168	3	42	20,804	1,175	131	62,596
Other NJ	5,571	9,860	9,223	1,754	120	62	323	25	9	0	284	0	16	5,212	677	21	33,157
Other WHR (NY)	756	716	1,166	319	130	125	258	0	15	2	176	18	13	774	26	764	5,258
Total	76,950	44,066	159,528	38,479	9,789	24,813	21,098	570	8,935	2,942	17,146	1,068	12,214	29,393	2,327	1,186	450,504

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	20,903	2,097	1,332	1,987	769	418	1,439
Other Manh	8,495	1,516	957	404	1,678	607	708
Other NYC	61,718	5,835	26,574	2,485	1,928	960	514
Long Island	82,519	12,490	13,766	6,708	44	28	9
Other NYS	31,081	10,885	6,221	76	12,587	2,357	945
CT	15,056	1,490	5,169	186	1,787	7,786	237
NJ	60,772	4,166	2,251	31	607	58	27,868

Midday (10 am to 4 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	1,082	154	834	258	436	7,439	89	53	2,691	1,197	1,977	51	642	3,463	926	249	21,541
Valley	230	99	169	172	60	518	35	45	805	230	546	76	595	1,608	1,122	113	6,423
Midtown	1,000	162	1,732	1,031	589	3,129	414	36	12,017	4,640	4,026	225	1,066	2,488	1,424	202	34,181
Uptown	192	96	809	378	612	1,333	77	89	3,074	771	5,600	1,063	432	1,061	347	160	16,094
Bronx	447	69	440	545	5,170	546	139	28	323	46	2,374	130	392	273	50	54	11,026
Queens	6,921	423	2,529	1,047	510	6,353	1,094	41	1,867	507	359	386	1,254	233	33	45	23,602
Brooklyn	28	29	195	93	118	1,148	6,640	6	1,686	491	456	64	262	427	224	230	12,097
Staten Island	70	40	14	62	34	68	4	5	69	3	2	0	9	44	10	0	434
Nassau	2,903	844	11,211	2,680	175	1,551	1,407	48	1,949	903	24	10	67	12	6	8	23,798
Suffolk	1,562	184	5,413	662	38	427	420	9	789	1,679	6	2	8	1	0	0	11,200
Westchester	1,980	486	3,887	5,120	2,050	267	332	0	20	3	8,862	469	974	59	58	99	24,666
Other EHR-NY	56	77	218	896	106	278	26	3	12	0	415	303	61	28	1	23	2,503
Connecticut	544	509	926	403	392	1,051	156	11	46	2	1,045	65	5,821	72	11	5	11,059
Primary NJ	2,758	978	1,611	837	158	195	153	33	11	3	55	32	97	13,535	1,834	235	22,525
Other NJ	619	618	948	277	12	22	66	5	0	0	20	0	2	1,280	411	2	4,282
Other WHR (NY)	209	64	131	135	28	33	177	0	0	0	29	51	3	214	3	479	1,556
Total	20,601	4,832	31,067	14,596	10,488	24,358	11,229	412	25,359	10,475	25,796	2,927	11,685	24,798	6,460	1,904	226,987

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	5,462	1,461	12,843	21,580	7,465	2,303	11,031
Other Manh	1,097	378	2,111	3,845	6,823	432	1,408
Other NYC	11,205	1,747	21,904	4,992	4,100	1,917	1,294
Long Island	22,117	3,342	4,075	5,320	50	75	19
Other NYS	7,108	6,151	3,300	35	10,730	1,038	363
CT	1,979	403	1,610	48	1,115	5,821	83
NJ	7,532	1,114	644	14	344	99	17,060

PM Peak Period (4 pm to 8 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	5,135	467	3,512	1,642	870	33,419	687	93	6,589	1,155	5,000	435	4,346	7,841	5,420	743	77,354
Valley	1,757	491	1,128	1,435	394	1,664	251	50	3,444	1,570	3,630	614	3,819	11,437	9,030	673	41,387
Midtown	5,924	614	8,259	6,494	3,824	15,981	2,917	268	61,518	3,876	14,926	1,683	6,370	11,894	8,431	1,053	154,032
Uptown	560	75	1,878	1,715	1,650	3,623	253	58	10,646	984	8,776	1,423	1,313	2,591	1,791	232	37,568
Bronx	46	23	172	234	5,166	1,477	287	12	1,868	81	2,895	315	438	362	82	114	13,572
Queens	1,885	49	687	443	373	9,217	2,395	25	5,980	1,158	1,650	993	3,700	453	38	116	29,162
Brooklyn	26	12	69	67	99	2,077	10,169	8	5,316	891	387	71	412	332	157	226	20,319
Staten Island	7	0	14	9	60	158	8	1	307	23	2	7	10	34	16	2	658
Nassau	2,104	473	4,425	435	141	1,740	1,316	63	2,927	1,642	18	30	114	13	4	6	15,451
Suffolk	1,337	53	3,631	256	67	229	281	6	678	1,815	4	3	13	6	0	0	8,379
Westchester	1,203	142	946	1,211	2,574	210	316	2	32	24	11,141	1,109	1,348	334	332	69	20,993
Other EHR-NY	23	13	88	830	34	64	4	2	2	1	255	390	16	4	0	7	1,733
Connecticut	173	292	294	557	720	274	47	0	32	9	1,879	171	7,884	48	61	13	12,454
Primary NJ	634	306	582	623	340	149	132	26	2	3	32	74	175	16,785	3,839	652	24,354
Other NJ	313	187	484	243	8	10	42	1	1	0	7	2	8	808	546	21	2,681
Other WHR (NY)	111	25	47	44	23	20	157	0	2	0	10	24	1	146	23	730	1,363
Total	21,238	3,222	26,216	16,238	16,343	70,312	19,262	615	99,344	13,232	50,612	7,344	29,967	53,088	29,770	4,657	461,460

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	27,287	9,571	60,418	78,152	28,757	14,535	54,053
Other Manh	2,513	1,715	5,584	11,630	10,431	1,313	4,382
Other NYC	2,990	753	31,532	15,624	6,778	4,560	1,474
Long Island	12,023	691	3,843	7,062	61	127	23
Other NYS	2,598	2,085	3,406	61	13,735	1,365	839
CT	759	557	1,041	41	2,063	7,884	109
NJ	2,506	866	708	6	788	183	21,978

NYBPM2010 : Trips by Mode and time-of-day

Commuter Rail

Early Morning/Night (8 pm to 6 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	359	33	240	105	161	3,518	41	23	2,176	1,342	1,291	39	325	1,089	445	108	11,295
Valley	120	36	65	68	34	220	29	14	580	107	262	45	267	638	486	55	3,026
Midtown	416	36	581	481	280	1,403	189	20	6,189	3,343	1,889	150	518	915	689	86	17,185
Uptown	30	8	135	121	171	422	20	24	1,104	331	1,593	144	148	397	175	33	4,856
Bronx	68	1	45	73	2,142	374	86	5	163	21	1,016	86	149	94	13	18	4,354
Queens	754	60	218	224	142	2,638	750	7	1,016	356	204	241	923	100	17	22	7,672
Brooklyn	4	1	20	24	43	478	3,289	0	964	284	179	27	119	84	47	136	5,699
Staten Island	3	4	1	13	16	27	5	0	25	6	1	0	3	7	1	0	112
Nassau	414	82	866	281	37	434	451	22	696	464	19	8	33	1	1	1	3,810
Suffolk	263	8	726	95	18	115	99	1	178	593	1	2	7	0	0	0	2,106
Westchester	421	21	550	779	828	87	60	0	3	6	3,512	298	352	21	14	7	6,959
Other EHR-NY	10	2	25	823	20	63	9	2	3	0	103	98	13	8	0	3	1,182
Connecticut	40	73	52	163	204	193	31	1	11	0	585	47	2,620	14	5	3	4,042
Primary NJ	402	68	167	222	60	50	55	12	1	1	13	11	44	4,918	472	119	6,615
Other NJ	71	40	91	76	4	4	5	1	0	0	2	0	3	240	150	1	688
Other WHR (NY)	29	8	12	9	3	16	29	0	0	0	2	3	1	49	3	253	417
Total	3,404	481	3,794	3,557	4,163	10,042	5,148	132	13,109	6,854	10,672	1,199	5,525	8,575	2,518	845	80,018

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	1,886	654	5,932	13,737	3,925	1,110	4,262
Other Manh	173	121	637	1,435	1,770	148	572
Other NYC	1,179	334	10,002	2,835	1,930	1,194	363
Long Island	2,359	376	1,177	1,931	31	40	2
Other NYS	1,078	1,611	1,117	12	4,279	366	95
CT	165	163	429	11	635	2,620	19
NJ	839	298	191	2	146	47	5,780

Daily Trips

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	10,038	2,127	8,941	2,392	1,535	45,056	841	180	11,726	3,762	8,492	538	5,373	13,135	6,900	1,151	122,187
Valley	2,429	1,051	1,788	1,714	497	2,465	320	120	4,886	1,913	4,454	738	4,933	13,780	10,664	848	52,600
Midtown	9,883	1,777	17,504	9,677	4,794	20,847	3,543	327	80,688	12,481	21,271	2,068	8,060	15,656	10,650	1,356	220,582
Uptown	2,150	1,546	8,582	3,730	2,697	5,945	454	193	15,150	2,164	17,141	3,077	2,500	4,600	2,470	484	72,883
Bronx	1,408	514	4,215	2,794	14,352	2,718	559	121	2,438	207	7,824	551	1,802	924	150	188	40,765
Queens	46,901	1,997	18,646	5,360	2,598	25,547	5,180	217	9,763	2,104	2,341	1,652	5,983	956	92	187	129,524
Brooklyn	411	285	2,282	328	631	5,724	31,907	23	9,175	1,739	1,192	166	823	946	446	619	56,697
Staten Island	146	115	172	187	116	278	29	12	474	36	7	7	23	103	28	2	1,735
Nassau	10,430	5,057	85,608	14,756	1,651	8,862	8,080	310	8,271	3,464	70	51	239	34	11	18	146,912
Suffolk	3,696	1,889	12,338	2,143	198	2,034	1,683	43	3,746	5,540	39	7	31	8	0	1	33,396
Westchester	8,276	4,677	22,332	17,138	7,965	1,629	1,216	3	78	38	33,112	2,058	4,798	454	412	205	104,391
Other EHR-NY	508	732	2,066	3,087	533	1,532	158	9	42	7	2,210	1,109	310	131	7	98	12,539
Connecticut	5,110	4,768	8,081	2,613	1,809	5,635	780	25	248	38	5,275	298	24,111	362	86	27	59,266
Primary NJ	13,128	14,548	15,948	4,094	1,079	961	930	114	35	8	268	120	358	56,042	7,320	1,137	116,090
Other NJ	6,574	10,705	10,746	2,350	144	98	436	32	10	0	313	2	29	7,540	1,784	45	40,808
Other WHR (NY)	1,105	813	1,356	507	184	194	621	0	17	2	217	96	18	1,183	55	2,226	8,594
Total	122,193	52,601	220,605	72,870	40,783	129,525	56,737	1,729	146,747	33,503	104,226	12,538	59,391	115,854	41,075	8,592	1,218,969

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	55,538	13,783	80,525	115,456	40,916	18,366	70,785
Other Manh	12,278	3,730	9,289	17,314	20,702	2,500	7,070
Other NYC	77,092	8,669	90,012	25,936	14,736	8,631	3,645
Long Island	119,018	16,899	22,861	21,021	186	270	53
Other NYS	41,865	20,732	14,044	184	41,331	5,126	2,242
CT	17,959	2,613	8,249	286	5,600	24,111	448
NJ	71,649	6,444	3,794	53	1,885	387	72,686

NYBPM2010 : Trips by Mode and time-of-day

Subway + Bus

AM Peak Period (6 am to 10 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	97,846	18,265	33,553	14,434	3,620	6,291	3,806	570	122	10	166	1	5	2,015	97	29	180,830
Valley	6,262	2,453	3,022	1,687	1,332	360	1,379	205	20	0	41	0	7	788	66	5	17,627
Midtown	25,432	9,055	41,546	18,802	3,940	3,999	2,127	279	187	2	202	0	8	1,427	116	98	107,220
Uptown	50,997	29,358	113,810	115,875	14,419	5,034	5,457	388	296	12	911	5	87	1,451	30	81	338,211
Bronx	18,849	17,534	58,239	101,158	113,106	8,055	5,414	43	390	7	5,472	1	36	1,218	4	4	329,530
Queens	141,528	5,131	45,801	25,753	14,700	217,236	18,690	125	3,580	69	184	0	25	450	12	4	473,288
Brooklyn	30,271	22,598	44,256	50,977	34,719	27,242	336,438	6,665	1,253	121	229	0	0	978	15	7	555,769
Staten Island	4,057	4,494	5,793	3,558	113	444	2,427	14,296	32	0	14	0	0	1,349	1	0	36,578
Nassau	666	226	10,252	928	628	2,588	1,014	10	9,383	364	10	0	0	5	0	0	26,074
Suffolk	16	3	15	10	2	51	40	0	701	10,882	0	0	0	0	0	0	11,720
Westchester	406	1,076	1,796	1,857	6,077	825	144	1	86	1	32,622	214	2,694	37	0	40	47,876
Other EHR-NY	1	2	23	3	1	4	0	0	0	0	203	2,534	13	0	0	9	2,793
Connecticut	4	1	87	13	21	55	0	0	6	0	1,551	3	15,174	0	0	0	16,915
Primary NJ	17,488	23,353	29,384	4,987	1,661	2,070	1,352	161	7	0	162	0	2	20,037	91	186	100,941
Other NJ	2,983	4,917	6,353	1,000	9	22	132	12	2	0	79	0	0	1,712	326	5	17,552
Other WHR (NY)	781	293	7,797	708	55	151	61	0	2	0	492	33	13	666	1	10,845	21,898
Total	397,587	138,759	401,727	341,750	194,403	274,427	378,481	22,755	16,067	11,468	42,338	2,791	18,064	32,133	759	11,313	2,284,822

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	237,434	34,923	27,908	341	542	20	4,509
Other Manh	194,165	115,875	25,298	308	997	87	1,481
Other NYC	398,551	181,446	799,713	5,452	5,915	61	4,027
Long Island	11,178	938	4,333	21,330	10	-	5
Other NYS	12,175	2,568	7,319	89	46,992	2,720	704
CT	92	13	76	6	1,554	15,174	-
NJ	84,478	5,987	5,419	9	432	2	22,166

Midday (10 am to 4 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	135,029	10,702	30,768	37,181	14,903	47,091	28,295	2,863	522	47	580	0	3	7,302	817	380	316,483
Valley	11,621	2,171	4,484	8,922	7,121	2,807	11,409	1,833	140	2	237	0	6	5,982	1,245	77	58,057
Midtown	30,945	4,268	48,439	50,097	18,875	24,668	15,611	1,847	2,176	3	898	3	14	8,153	1,663	1,913	209,573
Uptown	34,398	9,116	52,475	228,085	58,966	20,897	33,288	3,837	391	15	2,324	17	27	3,239	298	312	447,685
Bronx	14,262	7,379	19,524	50,443	207,928	14,272	19,140	121	357	6	9,019	4	17	1,275	4	53	343,804
Queens	46,671	2,485	24,187	18,910	13,247	349,801	37,329	375	4,620	144	536	3	28	959	32	68	499,395
Brooklyn	28,494	9,778	14,653	24,535	15,993	33,202	545,381	3,248	1,070	127	185	0	2	1,090	104	60	677,922
Staten Island	2,698	1,389	1,821	2,107	91	405	4,060	24,308	19	0	6	0	0	575	1	0	37,480
Nassau	555	145	2,170	504	391	5,017	1,314	21	16,365	792	54	0	3	3	0	0	27,334
Suffolk	47	5	5	17	11	142	163	1	753	17,747	0	0	0	0	0	0	18,891
Westchester	530	254	770	2,260	8,865	413	149	12	29	0	39,428	266	2,374	78	21	307	55,756
Other EHR-NY	0	0	2	20	1	4	0	0	0	0	251	3,345	12	0	0	18	3,653
Connecticut	3	2	14	35	19	22	0	0	3	0	2,429	16	23,412	2	0	9	25,966
Primary NJ	6,804	5,345	7,174	3,101	1,184	774	1,041	647	7	0	76	0	1	24,771	518	417	51,860
Other NJ	806	1,232	1,672	294	6	23	59	2	0	0	14	0	0	527	623	1	5,259
Other WHR (NY)	331	63	1,938	260	40	38	41	0	0	0	210	15	0	407	5	15,064	18,412
Total	313,194	54,334	210,096	426,771	347,641	499,576	697,280	39,115	26,452	18,883	56,247	3,669	25,899	54,363	5,331	18,679	2,797,530

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	278,427	96,200	177,323	2,890	4,088	23	25,162
Other Manh	95,989	228,085	116,988	406	2,653	27	3,537
Other NYC	173,341	95,995	1,268,901	6,343	9,934	47	4,040
Long Island	2,927	521	7,060	35,657	54	3	3
Other NYS	3,888	2,540	9,563	29	58,904	2,386	511
CT	19	35	41	3	2,454	23,412	2
NJ	23,033	3,395	3,736	7	508	1	26,439

PM Peak Period (4 pm to 8 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	126,508	8,821	35,298	57,285	22,239	125,064	36,277	3,839	926	39	683	0	2	16,274	2,819	840	436,914
Valley	19,904	2,917	10,584	27,082	16,376	5,367	18,051	3,635	264	7	1,014	1	3	19,685	4,549	284	129,723
Midtown	47,089	4,386	55,692	112,442	52,364	45,800	41,151	5,333	9,231	15	2,040	21	84	26,797	5,984	6,938	415,367
Uptown	25,691	4,137	31,395	160,585	86,125	29,593	42,643	2,248	901	15	2,851	21	10	5,383	1,002	700	393,300
Bronx	8,972	4,018	8,621	26,488	115,075	12,903	24,764	164	580	2	7,164	7	19	1,473	8	45	210,303
Queens	19,360	1,235	12,450	12,512	9,305	209,312	27,461	511	3,192	69	709	5	43	1,422	22	93	297,701
Brooklyn	18,060	4,111	6,345	12,253	7,652	25,988	324,233	2,275	1,115	59	148	0	0	1,103	86	40	403,468
Staten Island	1,381	495	705	1,115	85	211	5,120	12,793	10	0	0	0	0	252	5	0	22,172
Nassau	391	92	663	226	383	3,295	970	19	7,149	581	51	0	4	5	1	2	13,832
Suffolk	31	0	6	15	10	74	87	0	372	8,875	0	0	0	0	0	0	9,470
Westchester	315	88	431	1,481	6,797	190	212	21	14	0	25,747	183	1,886	219	77	298	37,959
Other EHR-NY	0	0	1	17	0	1	0	0	0	0	195	1,934	7	0	0	24	2,179
Connecticut	5	9	12	58	22	17	1	0	2	0	2,672	12	14,866	0	1	3	17,680
Primary NJ	2,315	1,477	2,369	1,341	2,371	306	989	1,102	2	0	34	0	3	18,531	1,305	687	32,832
Other NJ	251	277	411	100	1	10	35	0	0	0	3	0	1	146	324	0	1,559
Other WHR (NY)	95	18	427	124	30	18	30	0	0	0	45	7	0	255	3	9,424	10,476
Total	270,368	32,081	165,410	413,124	318,835	458,149	522,024	31,940	23,758	9,662	43,356	2,191	16,928	91,545	16,186	19,378	2,434,935

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	311,199	196,809	375,496	10,482	11,821	89	76,108
Other Manh	61,223	160,585	160,609	916	3,572	10	6,385
Other NYC	85,753	52,368	777,852	5,027	8,211	62	4,371
Long Island	1,183	241	4,838	16,977	53	4	6
Other NYS	1,375	1,622	7,299	14	37,857	1,893	554
CT	26	58	40	2	2,687	14,866	1
NJ	7,100	1,441	4,814	2	724	4	20,306

NYBPM2010 : Trips by Mode and time-of-day

Subway + Bus

Early Morning/Night (8 pm to 6 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	40,408	2,486	10,558	16,758	8,401	27,621	18,179	1,324	341	28	145	0	1	2,729	508	174	129,661
Valley	4,409	704	2,325	5,558	5,108	1,722	5,498	805	109	0	180	0	0	2,679	708	42	29,847
Midtown	12,369	1,245	16,825	24,462	11,286	13,686	9,193	1,057	1,529	6	377	3	8	3,838	945	1,064	97,893
Uptown	8,245	1,844	11,755	63,142	22,812	10,787	12,355	1,036	162	9	689	0	8	1,063	167	152	134,226
Bronx	3,250	1,298	3,356	10,355	44,092	4,080	9,185	53	182	0	2,465	1	6	471	0	34	78,828
Queens	7,603	376	3,844	4,857	3,168	81,621	9,344	151	1,026	31	226	3	11	395	5	41	112,702
Brooklyn	4,754	1,366	2,656	4,547	3,079	9,335	127,359	991	336	13	43	0	1	445	49	38	155,012
Staten Island	407	226	315	296	17	66	1,926	4,599	4	0	0	0	0	114	0	0	7,970
Nassau	161	32	353	105	129	1,341	447	14	2,363	220	24	0	2	2	0	0	5,193
Suffolk	7	0	5	8	3	29	37	0	149	2,854	0	0	0	0	0	0	3,092
Westchester	266	58	314	1,283	2,561	122	84	2	9	0	10,095	70	790	50	16	97	15,817
Other EHR-NY	0	0	0	17	1	1	0	0	0	0	80	732	4	0	0	6	841
Connecticut	3	7	4	23	10	14	0	0	1	0	1,066	6	5,791	2	0	1	6,928
Primary NJ	1,038	420	778	526	594	148	399	372	1	0	3	0	0	6,608	230	179	11,296
Other NJ	56	79	126	32	1	4	7	0	0	0	1	0	0	53	137	0	496
Other WHR (NY)	60	5	134	47	6	4	2	0	0	0	15	3	0	86	0	3,579	3,941
Total	83,036	10,146	53,348	132,016	101,268	150,581	194,015	10,404	6,212	3,161	15,409	818	6,622	18,535	2,765	5,407	793,743

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	91,329	46,778	103,880	2,013	1,985	9	11,407
Other Manh	21,844	63,142	46,990	171	841	8	1,230
Other NYC	29,451	20,055	299,066	1,592	2,851	18	1,479
Long Island	558	113	2,000	5,586	24	2	2
Other NYS	837	1,347	2,783	9	14,677	794	152
CT	14	23	24	1	1,073	5,791	2
NJ	2,497	558	1,525	1	183	-	7,028

Daily Trips

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	399,791	40,274	110,177	125,658	49,163	206,067	86,557	8,596	1,911	124	1,574	1	11	28,320	4,241	1,423	1,063,888
Valley	42,196	8,245	20,415	43,249	29,937	10,256	36,337	6,478	533	9	1,472	1	16	29,134	6,568	408	235,254
Midtown	115,835	18,954	162,502	205,803	86,465	88,153	68,082	8,516	13,123	26	3,517	27	114	40,215	8,708	10,013	830,053
Uptown	119,331	44,455	209,435	567,687	182,322	66,311	93,743	7,509	1,750	51	6,775	43	132	11,136	1,497	1,245	1,313,422
Bronx	45,333	30,229	89,740	188,444	480,201	39,310	58,503	381	1,509	15	24,120	13	78	4,437	16	136	962,465
Queens	215,162	9,227	86,282	62,032	40,420	857,970	92,824	1,162	12,418	313	1,655	11	107	3,226	71	206	1,383,086
Brooklyn	81,579	37,853	67,910	92,312	61,443	95,767	1,333,411	13,179	3,774	320	605	0	3	3,616	254	145	1,792,171
Staten Island	8,543	6,604	8,634	7,076	306	1,126	13,533	55,996	65	0	20	0	0	2,290	7	0	104,200
Nassau	1,773	495	13,438	1,763	1,531	12,241	3,745	64	35,260	1,957	139	0	9	15	1	2	72,433
Suffolk	101	8	31	50	26	296	327	1	1,975	40,358	0	0	0	0	0	0	43,173
Westchester	1,517	1,476	3,311	6,881	24,300	1,550	589	36	138	1	107,892	733	7,744	384	114	742	157,408
Other EHR-NY	1	2	26	57	3	10	0	0	0	0	729	8,545	36	0	0	57	9,466
Connecticut	15	19	117	129	72	108	1	0	12	0	7,718	37	59,243	4	1	13	67,489
Primary NJ	27,645	30,595	39,705	9,955	5,810	3,298	3,781	2,282	17	0	275	0	6	69,947	2,144	1,469	196,929
Other NJ	4,096	6,505	8,562	1,426	17	59	233	14	2	0	97	0	1	2,438	1,410	6	24,866
Other WHR (NY)	1,267	379	10,296	1,139	131	211	134	0	2	0	762	58	13	1,414	9	38,912	54,727
Total	1,064,185	235,320	830,581	1,313,661	962,147	1,382,733	1,791,800	104,214	72,489	43,174	157,350	9,469	67,513	196,576	25,041	54,777	8,311,030

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	918,389	374,710	684,607	15,726	18,436	141	117,186
Other Manh	373,221	567,687	349,885	1,801	8,063	132	12,633
Other NYC	687,096	349,864	3,145,532	18,414	26,911	188	13,917
Long Island	15,846	1,813	18,231	79,550	141	9	16
Other NYS	18,275	8,077	26,964	141	158,430	7,793	1,921
CT	151	129	181	12	7,768	59,243	5
NJ	117,108	11,381	15,494	19	1,847	7	75,939

NYBPM2005 : Trips by Mode and time-of-day

Auto and Taxi Vehicle Trips
(excluding external trips)

AM Peak Period (6 am to 10 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	19,079	4,501	11,398	7,474	1,621	4,330	6,128	411	674	164	653	65	408	3,051	932	159	61,048
Valley	2,223	859	1,082	1,093	196	776	1,100	125	151	47	85	15	54	478	223	30	8,537
Midtown	7,408	1,571	8,087	6,758	1,396	3,091	3,002	208	378	151	737	75	346	1,644	477	186	35,515
Uptown	14,153	3,955	15,597	43,220	13,794	5,054	4,725	149	1,040	227	2,212	85	840	4,141	853	345	110,390
Bronx	4,294	1,054	4,612	15,370	126,817	8,415	6,735	127	2,176	372	29,202	464	1,634	7,773	856	695	210,596
Queens	10,605	3,538	10,246	11,246	5,295	255,698	43,412	767	58,919	13,494	2,134	242	1,431	4,969	1,297	309	423,602
Brooklyn	11,488	3,927	7,907	4,644	2,068	26,069	277,483	3,663	5,925	1,943	2,001	168	851	4,397	1,850	108	354,492
Staten Island	1,685	699	1,027	448	295	3,463	12,751	115,866	347	34	40	7	121	8,639	966	23	146,411
Nassau	2,034	854	1,801	2,474	3,349	54,558	8,668	264	470,820	22,006	1,438	122	1,213	1,859	347	117	571,924
Suffolk	832	343	989	642	1,103	23,599	3,811	44	33,092	563,952	374	32	991	1,518	264	38	631,624
Westchester	2,128	561	3,116	2,897	34,540	4,551	1,539	17	954	78	231,885	6,719	21,590	5,892	116	8,115	324,698
Other EHR-NY	250	77	334	123	968	448	203	8	115	13	14,529	131,194	11,440	648	83	2,811	163,244
Connecticut	798	216	1,289	969	2,727	1,674	919	24	532	131	34,221	4,675	567,875	1,685	123	124	617,982
Primary NJ	5,660	1,939	4,199	3,753	3,753	8,114	5,594	5,973	1,629	225	3,159	274	7,296	1,280,595	86,723	9,604	1,428,490
Other NJ	2,936	1,472	1,990	807	657	4,800	4,194	1,854	381	50	344	103	1,759	105,159	1,008,747	1,540	1,136,793
Other WHR (NY)	669	199	842	817	3,051	2,191	807	354	179	24	15,899	2,389	537	28,968	3,626	239,021	299,573
Total	86,242	25,765	74,516	102,735	201,630	406,831	381,071	129,854	577,312	602,911	338,913	146,629	618,386	1,461,416	1,107,483	263,225	6,524,919

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	56,208	15,325	22,384	1,565	2,005	808	6,805
Other Manh	33,705	43,220	23,722	1,267	2,642	840	4,994
Other NYC	61,082	31,708	888,924	83,210	35,393	4,037	30,747
Long Island	6,853	3,116	95,396	1,089,870	2,121	2,204	3,988
Other NYS	8,176	3,837	48,677	1,363	652,562	33,567	39,333
CT	2,303	969	5,344	663	39,020	567,875	1,808
NJ	18,196	4,560	34,939	2,285	15,024	9,055	2,481,224

Midday (10 am to 4 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	46,490	7,630	22,095	21,216	4,347	9,235	15,362	1,274	1,629	424	1,526	108	500	5,741	1,235	465	139,277
Valley	6,505	2,648	2,992	3,415	609	1,956	3,392	342	450	118	246	20	118	1,017	388	74	24,290
Midtown	20,397	3,041	22,146	21,645	4,217	7,575	7,413	648	1,289	390	1,883	104	527	3,581	819	443	96,118
Uptown	24,086	4,673	25,430	98,397	27,127	10,217	6,992	416	2,292	336	4,066	118	843	6,424	801	684	212,902
Bronx	5,439	859	5,233	31,546	243,527	10,969	4,182	212	4,121	748	60,303	576	2,099	7,428	753	1,605	379,600
Queens	11,470	2,800	10,077	13,035	11,434	497,800	58,494	1,865	107,491	19,490	3,896	307	1,332	6,500	2,370	987	749,348
Brooklyn	18,932	4,467	9,784	8,884	4,311	56,205	566,471	9,614	10,305	2,962	1,829	177	748	5,290	2,466	431	702,876
Staten Island	1,592	502	808	492	178	1,914	9,276	244,269	293	34	56	5	58	12,019	1,475	134	273,105
Nassau	2,269	667	1,829	2,625	4,257	101,323	10,098	369	868,692	43,902	1,658	97	752	4,071	417	266	1,043,292
Suffolk	605	227	614	493	794	18,477	2,804	41	43,064	1,082,453	263	14	459	997	175	35	1,151,515
Westchester	2,046	430	2,828	4,298	60,644	3,749	1,557	52	1,422	238	435,101	15,534	38,354	5,818	254	12,130	584,455
Other EHR-NY	180	47	199	130	644	349	176	6	139	32	15,370	242,485	8,469	495	108	3,242	272,071
Connecticut	818	188	1,028	1,268	2,482	1,571	905	70	1,087	669	37,508	8,606	1,061,719	4,517	781	383	1,123,600
Primary NJ	7,316	1,604	4,708	7,258	7,680	7,746	5,841	11,523	4,317	1,436	6,339	409	4,752	2,351,973	120,105	24,264	2,567,271
Other NJ	2,031	878	1,412	920	862	2,541	2,631	1,649	472	271	281	67	813	120,127	1,839,127	3,185	1,977,267
Other WHR (NY)	548	108	615	773	1,631	956	388	144	234	48	11,630	3,112	332	24,260	3,147	460,463	508,389
Total	150,724	30,769	111,798	216,395	374,744	732,583	695,982	272,494	1,047,297	1,153,551	581,955	271,739	1,121,875	2,560,258	1,974,421	508,791	11,805,376

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	133,944	46,276	56,370	4,300	4,869	1,145	12,781
Other Manh	54,189	98,397	44,752	2,628	4,868	843	7,225
Other NYC	71,963	53,957	1,720,721	145,444	70,306	4,237	38,301
Long Island	6,211	3,118	138,163	2,038,111	2,333	1,211	5,660
Other NYS	7,001	5,201	70,296	2,113	1,199,067	47,155	34,082
CT	2,034	1,268	5,028	1,756	46,497	1,061,719	5,298
NJ	17,949	8,178	40,473	6,496	34,545	5,565	4,431,332

PM Peak Period (4 pm to 8 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	29,480	3,013	11,773	19,253	5,377	12,833	14,877	2,089	2,307	932	2,550	289	1,010	6,946	3,216	919	116,864
Valley	6,089	1,168	2,351	4,508	1,108	3,732	4,350	727	857	354	593	78	232	2,099	1,434	194	29,874
Midtown	16,013	1,421	12,210	20,921	5,645	11,789	9,287	1,211	1,935	1,028	3,428	354	1,375	5,025	2,240	1,040	94,922
Uptown	12,488	1,417	11,540	62,149	25,798	13,474	6,763	653	2,426	668	4,187	175	1,350	5,481	1,300	1,136	151,005
Bronx	2,297	262	2,090	19,078	199,822	8,590	2,833	253	3,579	1,025	51,296	936	2,635	5,734	935	2,795	304,160
Queens	5,562	747	3,942	6,809	11,358	394,631	41,768	2,979	93,613	25,107	4,814	488	1,980	9,064	4,279	1,832	608,973
Brooklyn	8,510	1,375	3,888	5,698	5,873	53,565	456,076	12,248	10,325	4,303	1,347	247	1,065	6,712	4,208	761	576,201
Staten Island	663	125	303	240	124	809	5,362	189,146	239	61	31	22	52	8,091	1,722	249	207,239
Nassau	880	141	573	1,086	3,535	89,173	8,464	278	689,868	41,411	943	141	855	3,052	580	295	841,275
Suffolk	180	40	161	195	646	16,119	2,476	22	34,171	852,219	106	24	542	1,139	207	31	908,278
Westchester	890	122	955	2,835	47,360	2,404	1,897	52	1,417	364	320,749	16,572	39,224	4,676	416	13,957	453,890
Other EHR-NY	40	9	51	70	298	168	128	3	83	14	10,091	190,010	5,694	236	68	2,349	209,312
Connecticut	530	69	467	810	1,385	1,232	752	116	791	621	29,245	10,992	813,838	5,722	1,323	506	868,399
Primary NJ	4,113	570	2,326	5,230	8,501	4,159	3,855	10,286	2,923	935	6,716	656	2,267	1,846,683	114,351	30,816	2,044,387
Other NJ	750	204	426	689	698	1,039	1,364	958	276	143	172	121	289	99,853	1,437,898	3,797	1,548,677
Other WHR (NY)	199	25	150	334	667	361	145	35	168	25	8,140	2,704	163	14,313	2,129	356,424	385,982
Total	88,684	10,708	53,206	149,905	318,195	614,078	560,397	221,056	844,978	929,210	444,408	223,809	872,571	2,024,826	1,576,306	417,101	9,349,438

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	83,518	44,682	73,025	7,413	9,445	2,617	20,960
Other Manh	25,445	62,149	46,688	3,094	5,498	1,350	6,781
Other NYC	29,764	31,825	1,385,437	138,252	64,818	5,732	40,745
Long Island	1,975	1,281	120,713	1,617,669	1,540	1,397	4,978
Other NYS	2,441	3,239	53,518	2,071	920,996	45,081	21,838
CT	1,066	810	3,485	1,412	40,743	813,838	7,045
NJ	8,389	5,919	30,860	4,277	42,278	2,556	3,498,785

NYBPM2005 : Trips by Mode and time-of-day

Auto and Taxi Vehicle Trips
(excluding external trips)

Early Morning/Night (8 pm to 6 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	26,488	3,085	10,602	15,448	3,919	8,329	9,893	1,228	1,682	481	1,594	154	523	5,193	1,690	432	90,741
Valley	4,006	807	1,538	2,955	681	2,148	2,653	376	462	192	348	38	130	1,252	743	110	18,439
Midtown	12,392	1,253	9,535	15,943	3,757	7,337	5,825	645	1,351	539	2,163	198	737	3,503	1,262	495	66,935
Uptown	11,976	1,891	11,709	57,089	15,378	9,619	4,808	404	1,635	450	2,358	70	602	3,897	677	467	123,030
Bronx	2,908	471	2,732	16,192	118,202	5,892	1,947	100	2,819	599	27,132	228	934	4,161	370	826	185,513
Queens	6,366	1,653	5,367	7,572	5,424	227,021	21,504	1,011	46,111	10,796	1,892	170	606	2,998	1,276	616	340,383
Brooklyn	8,359	1,968	4,366	4,216	2,719	27,295	266,698	5,390	5,318	1,808	708	96	282	2,375	1,211	262	333,071
Staten Island	888	270	430	267	78	832	3,778	111,153	149	30	18	5	19	4,806	732	84	123,539
Nassau	1,158	352	924	1,232	1,639	60,663	4,665	115	389,055	21,249	474	38	206	1,825	155	85	483,835
Suffolk	371	143	366	305	344	11,180	1,219	13	18,226	491,406	70	9	62	152	36	4	523,906
Westchester	1,133	229	1,566	1,898	26,061	1,767	777	25	724	137	183,701	7,487	18,229	3,772	218	5,682	253,406
Other EHR-NY	117	41	149	62	387	193	84	8	103	25	6,185	107,597	3,548	282	84	1,202	120,067
Connecticut	509	127	638	755	1,168	961	541	52	678	576	16,554	4,832	460,986	2,454	525	217	491,573
Primary NJ	3,944	987	2,696	3,401	4,289	3,852	3,132	5,690	1,951	1,149	3,108	189	1,498	1,022,061	54,797	13,152	1,125,896
Other NJ	1,321	542	948	582	505	1,343	1,507	620	306	185	144	23	253	50,883	802,802	1,665	863,629
Other WHR (NY)	344	79	404	375	749	382	159	60	169	29	4,724	1,383	107	9,930	1,578	203,291	223,763
Total	82,280	13,898	53,970	128,292	185,300	368,814	329,190	126,890	470,739	529,651	251,173	122,517	488,722	1,119,544	868,156	228,590	5,367,726

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	69,706	34,346	46,791	4,707	5,532	1,390	13,643
Other Manh	25,576	57,089	30,209	2,085	2,895	602	4,574
Other NYC	35,778	28,247	799,044	67,630	32,037	1,841	17,929
Long Island	3,314	1,537	79,838	919,936	680	268	2,168
Other NYS	4,062	2,335	30,652	1,187	521,252	21,884	15,864
CT	1,274	755	2,722	1,254	21,603	460,986	2,979
NJ	10,438	3,983	20,938	3,591	18,281	1,751	1,930,543

Daily Trips

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	121,537	18,229	55,868	63,391	15,264	34,727	46,260	5,002	6,292	2,001	6,323	616	2,441	20,931	7,073	1,975	407,930
Valley	18,823	5,482	7,963	11,971	2,594	8,612	11,495	1,570	1,920	711	1,272	151	534	4,846	2,788	408	81,140
Midtown	56,210	7,286	51,978	65,267	15,015	29,792	25,527	2,712	4,953	2,108	8,211	731	2,985	13,753	4,798	2,164	293,490
Uptown	62,703	11,936	64,276	260,855	82,097	38,364	23,288	1,622	7,393	1,681	12,823	448	3,635	19,943	3,631	2,632	597,327
Bronx	14,938	2,646	14,667	82,186	688,368	33,866	15,697	692	12,695	2,744	167,933	2,204	7,302	25,096	2,914	5,921	1,079,869
Queens	34,003	8,738	29,632	38,662	33,511	1,375,150	165,178	6,622	306,134	68,887	12,736	1,207	5,349	23,531	9,222	3,744	2,122,306
Brooklyn	47,289	11,737	25,945	23,442	14,971	163,134	1,566,728	30,915	31,873	11,016	5,885	688	2,946	18,774	9,735	1,562	1,966,640
Staten Island	4,828	1,596	2,568	1,447	675	7,018	31,167	660,434	1,028	159	145	39	250	33,555	4,895	490	750,294
Nassau	6,341	2,014	5,127	7,417	12,780	305,717	31,895	1,026	2,418,435	128,568	4,513	398	3,026	10,807	1,499	763	2,940,326
Suffolk	1,988	753	2,130	1,635	2,887	69,375	10,310	120	128,553	2,990,030	813	79	2,054	3,806	682	108	3,215,323
Westchester	6,197	1,342	8,465	11,928	168,605	12,471	5,770	146	4,517	817	1,171,436	46,312	117,397	20,158	1,004	39,884	1,616,449
Other EHR-NY	587	174	733	385	2,297	1,158	591	25	440	84	46,175	671,286	29,151	1,661	343	9,604	764,694
Connecticut	2,655	600	3,422	3,802	7,762	5,438	3,117	262	3,088	1,997	117,528	29,105	2,904,418	14,378	2,752	1,230	3,101,554
Primary NJ	21,033	5,100	13,929	19,642	24,223	23,871	18,422	33,472	10,820	3,745	19,322	1,528	15,813	6,501,312	375,976	77,836	7,166,044
Other NJ	7,038	3,096	4,776	2,998	2,722	9,723	9,696	5,081	1,435	649	941	314	3,114	376,022	5,088,574	10,187	5,526,366
Other WHR (NY)	1,760	411	2,011	2,299	6,098	3,890	1,499	593	750	126	40,393	9,588	1,139	77,471	10,480	1,259,199	1,417,707
Total	407,930	81,140	293,490	597,327	1,079,869	2,122,306	1,966,640	750,294	2,940,326	3,215,323	1,616,449	764,694	3,101,554	7,166,044	5,526,366	1,417,707	33,047,459

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	343,376	140,629	198,570	17,985	21,851	5,960	54,189
Other Manh	138,915	260,855	145,371	9,074	15,903	3,635	23,574
Other NYC	198,587	145,737	4,794,126	434,536	202,554	15,847	127,722
Long Island	18,353	9,052	434,110	5,665,586	6,674	5,080	16,794
Other NYS	21,680	14,612	203,143	6,734	3,293,877	147,687	111,117
CT	6,677	3,802	16,579	5,085	147,863	2,904,418	17,130
NJ	54,972	22,640	127,210	16,649	110,128	18,927	12,341,884

NYBPM2005 : Trips by Mode and time-of-day

Commuter Rail

AM Peak Period (6 am to 10 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	2,814	1,322	3,435	608	32	635	9	2	541	96	176	14	412	1,656	529	19	12,300
Valley	260	277	306	64	2	30	3	0	54	14	14	9	18	108	39	5	1,203
Midtown	1,766	628	3,789	682	69	211	10	1	282	65	247	26	120	593	153	10	8,652
Uptown	1,865	889	3,948	1,490	70	699	16	1	679	172	1,500	164	427	1,964	504	4	14,392
Bronx	1,205	598	4,852	1,317	204	52	38	3	44	5	1,066	13	151	216	19	1	9,784
Queens	7,081	2,650	7,735	3,761	146	466	371	21	822	273	53	11	90	53	22	5	23,560
Brooklyn	685	386	703	315	6	107	80	1	154	54	329	64	182	69	16	8	3,159
Staten Island	88	40	87	48	2	8	5	0	4	0	0	0	6	10	1	1	300
Nassau	10,311	4,355	10,851	6,713	676	1,980	1,147	81	1,524	233	26	6	23	27	2	0	37,955
Suffolk	9,872	3,867	10,683	5,208	684	3,489	1,347	169	1,517	953	12	0	14	7	0	0	37,822
Westchester	8,011	2,804	19,493	4,165	918	990	162	2	22	0	2,468	32	536	106	10	29	39,748
Other EHR-NY	2,799	1,289	6,638	926	144	440	62	2	3	0	711	142	254	44	2	2	13,458
Connecticut	4,846	1,805	12,634	3,448	282	736	109	1	45	1	1,935	19	2,979	77	2	2	28,921
Primary NJ	10,311	4,655	8,071	3,089	97	348	189	38	50	0	146	24	279	19,649	1,297	106	48,349
Other NJ	9,626	5,415	8,176	1,969	65	542	315	18	40	4	227	0	163	5,820	3,123	15	35,518
Other WHR (NY)	2,416	1,318	2,439	1,019	54	176	79	17	6	0	205	15	7	1,420	50	302	9,523
Total	73,956	32,298	103,840	34,822	3,451	10,909	3,942	357	5,787	1,870	9,115	539	5,661	31,819	5,769	509	324,644

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	14,597	1,354	1,004	1,052	520	550	3,078
Other Manh	6,702	1,490	786	851	1,668	427	2,468
Other NYC	26,110	5,441	1,510	1,356	1,551	429	406
Long Island	49,939	11,921	9,573	4,227	44	37	36
Other NYS	47,207	6,110	3,046	31	3,906	797	1,632
CT	19,285	3,448	1,128	46	1,956	2,979	79
NJ	46,254	5,058	1,612	94	518	442	29,889

Midday (10 am to 4 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	819	184	627	377	250	1,752	131	28	2,988	1,495	1,405	387	998	4,628	1,774	323	18,166
Valley	204	68	133	114	102	362	60	13	727	493	350	137	251	892	714	166	4,786
Midtown	731	121	971	703	758	1,263	133	20	2,310	1,526	2,992	829	1,618	2,872	1,249	323	18,419
Uptown	294	103	542	443	291	1,461	66	10	3,021	897	1,816	208	724	2,549	592	156	13,173
Bronx	219	71	702	245	142	50	11	2	231	115	773	37	139	91	27	19	2,874
Queens	1,650	332	1,051	1,312	55	210	110	10	1,477	1,038	262	82	153	120	180	61	8,103
Brooklyn	71	36	81	35	21	126	45	1	384	335	191	39	92	71	113	25	1,666
Staten Island	6	4	7	4	4	13	1	2	26	37	2	0	3	31	12	5	157
Nassau	2,925	641	2,219	2,504	118	1,266	297	10	1,228	413	26	4	18	56	12	4	11,741
Suffolk	1,276	409	1,257	782	81	905	235	11	395	836	5	2	3	5	0	0	6,202
Westchester	1,186	317	2,686	1,597	870	152	125	1	17	7	1,278	133	692	100	49	68	9,278
Other EHR-NY	295	109	642	207	38	64	35	0	0	1	116	86	55	17	0	3	1,668
Connecticut	961	199	1,400	660	147	132	83	3	11	6	522	37	1,864	112	58	9	6,204
Primary NJ	4,585	835	2,812	2,656	109	106	75	12	54	2	97	16	118	13,898	1,688	284	27,347
Other NJ	1,616	606	1,089	577	22	155	114	6	16	2	28	0	46	1,464	1,995	14	7,750
Other WHR (NY)	239	129	235	95	16	44	22	4	4	1	41	5	6	302	9	186	1,338
Total	17,077	4,164	16,454	12,311	3,024	8,061	1,543	133	12,889	7,204	9,904	2,002	6,780	27,208	8,472	1,646	138,872

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	3,858	1,194	4,872	9,539	6,912	2,867	12,129
Other Manh	939	443	1,828	3,918	2,180	724	3,141
Other NYC	4,230	1,596	803	3,643	1,496	387	645
Long Island	8,727	3,286	2,923	2,872	41	21	73
Other NYS	5,838	1,899	1,371	30	1,916	753	477
CT	2,560	660	365	17	568	1,864	170
NJ	11,543	3,233	599	74	439	164	19,045

PM Peak Period (4 pm to 8 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	3,639	376	2,209	2,308	1,294	7,197	1,002	113	9,246	9,149	7,555	2,586	5,027	9,291	9,369	2,346	72,707
Valley	1,512	342	701	1,028	563	2,557	489	63	3,889	3,585	2,639	1,269	1,720	4,126	5,014	1,258	30,755
Midtown	4,052	366	4,586	4,423	4,249	7,898	1,122	157	9,876	9,799	17,451	6,323	11,958	7,282	7,814	2,303	99,659
Uptown	830	93	808	1,665	1,183	4,019	454	78	5,801	4,966	4,136	845	3,404	3,378	2,207	1,015	34,882
Bronx	57	21	190	126	196	228	13	1	677	682	878	141	226	92	68	55	3,651
Queens	937	91	414	967	121	598	143	9	2,385	3,275	1,589	444	839	258	440	148	12,658
Brooklyn	40	6	34	27	99	586	93	5	1,506	1,609	99	45	87	137	260	75	4,708
Staten Island	2	0	3	3	7	49	1	0	153	213	0	2	1	21	11	12	478
Nassau	893	177	667	809	100	1,231	216	3	1,613	1,102	13	3	29	72	38	8	6,974
Suffolk	459	122	470	288	33	436	88	5	256	1,033	3	0	0	4	6	0	3,203
Westchester	402	89	868	1,393	1,026	89	295	1	21	10	2,015	474	1,522	263	404	200	9,072
Other EHR-NY	85	33	179	163	22	26	57	0	4	1	37	132	23	6	0	9	777
Connecticut	602	52	474	414	116	109	167	3	18	16	506	231	2,642	226	200	30	5,806
Primary NJ	2,174	302	1,035	2,024	339	73	66	13	56	12	77	27	80	17,915	4,414	1,066	29,673
Other NJ	858	174	432	553	27	41	39	1	5	1	11	2	15	1,145	2,748	39	6,091
Other WHR (NY)	94	38	65	22	6	12	8	1	1	0	22	2	0	114	39	270	694
Total	16,636	2,282	13,135	16,213	9,381	25,149	4,253	453	35,507	35,453	37,031	12,526	27,573	44,330	33,032	8,834	321,788

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	17,783	7,759	26,704	45,544	43,730	18,705	42,896
Other Manh	1,731	1,665	5,734	10,767	5,996	3,404	5,585
Other NYC	1,795	1,123	2,149	10,500	3,488	1,153	1,287
Long Island	2,788	1,097	2,112	4,004	27	29	120
Other NYS	1,853	1,578	1,543	37	3,161	1,545	826
CT	1,128	414	395	34	767	2,642	426
NJ	4,975	2,577	599	74	1,222	95	26,222

NYBPM2005 : Trips by Mode and time-of-day

Commuter Rail

Early Morning/Night (8 pm to 6 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	301	21	176	156	111	637	68	10	1,039	758	594	229	416	1,630	863	161	7,170
Valley	110	28	47	70	44	201	36	1	296	245	176	84	122	387	396	83	2,326
Midtown	307	34	359	337	364	598	57	14	970	852	1,446	410	832	1,195	656	154	8,585
Uptown	63	9	74	152	96	450	36	4	741	408	479	72	246	716	265	75	3,886
Bronx	23	10	47	50	47	21	3	2	59	59	306	32	66	26	16	10	777
Queens	340	28	135	351	20	109	46	2	493	692	132	47	88	81	129	46	2,739
Brooklyn	4	2	11	11	10	50	15	0	170	197	46	17	32	50	80	20	715
Staten Island	0	0	0	0	2	8	0	0	7	15	0	2	1	7	3	5	50
Nassau	249	35	178	289	14	444	67	0	517	183	5	1	6	34	12	1	2,035
Suffolk	88	23	75	65	8	202	34	0	76	402	0	0	1	2	2	0	978
Westchester	100	13	177	453	343	14	78	0	7	5	615	67	260	34	35	23	2,224
Other EHR-NY	9	5	28	50	7	17	18	0	2	0	11	57	9	7	0	3	223
Connecticut	216	14	116	146	31	34	40	2	5	2	157	44	836	77	47	2	1,769
Primary NJ	642	76	354	757	51	38	19	9	28	5	31	11	30	5,690	719	129	8,589
Other NJ	207	24	96	137	15	34	15	0	1	0	4	0	5	393	877	7	1,815
Other WHR (NY)	19	3	24	6	5	9	5	1	0	0	5	1	0	45	4	92	219
Total	2,678	325	1,897	3,030	1,168	2,866	537	45	4,411	3,823	4,007	1,074	2,950	10,374	4,104	811	44,100

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	1,383	563	2,141	4,160	3,337	1,370	5,127
Other Manh	146	152	586	1,149	626	246	981
Other NYC	600	412	335	1,692	663	187	392
Long Island	648	354	769	1,178	7	7	50
Other NYS	378	509	497	14	874	269	125
CT	346	146	107	7	203	836	124
NJ	1,399	894	181	34	182	35	7,679

Daily Trips

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	7,573	1,903	6,447	3,449	1,687	10,221	1,210	153	13,814	11,498	9,730	3,216	6,853	17,205	12,535	2,849	110,343
Valley	2,086	715	1,187	1,276	711	3,150	588	77	4,966	4,337	3,179	1,499	2,111	5,513	6,163	1,512	39,070
Midtown	6,856	1,149	9,705	6,145	5,440	9,970	1,322	192	13,438	12,242	22,136	7,588	14,528	11,942	9,872	2,790	135,315
Uptown	3,052	1,094	5,372	3,750	1,640	6,629	572	93	10,242	6,443	7,931	1,289	4,801	8,607	3,568	1,250	66,333
Bronx	1,504	700	5,791	1,738	589	351	65	8	1,011	861	3,023	223	582	425	130	85	17,086
Queens	10,008	3,101	9,335	6,391	342	1,383	670	42	5,177	5,278	2,036	584	1,170	512	771	260	47,060
Brooklyn	800	430	829	388	136	869	233	7	2,214	2,195	665	165	393	327	469	128	10,248
Staten Island	96	44	97	55	15	78	7	2	190	265	2	4	11	69	27	23	985
Nassau	14,378	5,208	13,915	10,315	908	4,921	1,727	94	4,882	1,931	70	14	76	189	64	13	58,705
Suffolk	11,695	4,421	12,485	6,343	806	5,032	1,704	185	2,244	3,224	20	2	18	18	8	0	48,205
Westchester	9,699	3,223	23,224	7,608	3,157	1,245	660	4	67	22	6,376	706	3,010	503	498	320	60,322
Other EHR-NY	3,188	1,436	7,487	1,346	211	547	172	2	9	2	875	417	341	74	2	17	16,126
Connecticut	6,625	2,070	14,624	4,668	576	1,011	399	9	79	25	3,120	331	8,321	492	307	43	42,700
Primary NJ	17,712	5,868	12,272	8,526	596	565	349	72	188	19	351	78	507	57,152	8,118	1,585	113,958
Other NJ	12,307	6,219	9,793	3,236	129	772	483	25	62	7	270	2	229	8,822	8,743	75	51,174
Other WHR (NY)	2,768	1,488	2,763	1,142	81	241	114	23	11	1	273	23	13	1,881	102	850	11,774
Total	110,347	39,069	135,326	66,376	17,024	46,985	10,275	988	58,594	48,350	60,057	16,141	42,964	113,731	51,377	11,800	829,404

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	37,621	10,870	34,721	60,295	54,499	23,492	63,230
Other Manh	9,518	3,750	8,934	16,685	10,470	4,801	12,175
Other NYC	32,735	8,572	4,797	17,191	7,198	2,156	2,730
Long Island	62,102	16,658	15,377	12,281	119	94	279
Other NYS	55,276	10,096	6,457	112	9,857	3,364	3,060
CT	23,319	4,668	1,995	104	3,494	8,321	799
NJ	64,171	11,762	2,991	276	2,361	736	82,835

NYBPM2005 : Trips by Mode and time-of-day

Subway + Bus

AM Peak Period (6 am to 10 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	70,163	26,358	56,481	21,788	3,371	5,542	12,318	335	169	25	186	0	17	3,653	178	29	200,613
Valley	5,049	2,035	3,290	1,659	372	666	2,151	122	16	2	23	0	1	486	49	2	15,923
Midtown	26,555	8,186	28,859	17,541	2,461	4,134	5,146	133	102	4	192	0	9	2,074	109	26	95,531
Uptown	61,031	21,754	78,677	152,074	24,074	9,084	10,641	144	415	48	1,065	0	15	4,264	282	296	363,864
Bronx	27,757	9,546	33,971	72,067	102,238	6,689	9,165	42	642	24	5,900	0	78	3,056	60	98	271,333
Queens	55,377	22,017	68,296	65,673	4,886	163,576	25,364	230	9,639	644	302	0	80	2,500	101	22	418,707
Brooklyn	95,013	43,241	80,365	32,336	4,303	22,130	258,497	1,122	1,123	137	330	0	42	2,343	149	12	541,143
Staten Island	7,104	5,453	5,804	1,450	112	375	2,667	15,019	24	0	6	0	0	1,031	4	0	39,049
Nassau	982	463	1,209	703	206	4,750	476	6	24,126	335	18	0	4	93	4	0	33,375
Suffolk	29	19	31	21	7	172	25	0	342	7,705	0	0	1	9	2	0	8,363
Westchester	2,275	651	3,167	2,402	4,745	398	161	1	76	0	11,346	0	683	182	2	87	26,176
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	1,970	0	0	0	0	1,970
Connecticut	31	11	44	11	28	9	2	0	3	1	650	1	15,410	11	1	0	16,213
Primary NJ	22,965	12,085	24,477	12,758	435	931	759	139	343	5	177	0	58	126,798	816	128	202,874
Other NJ	2,817	3,129	2,395	722	7	32	250	4	15	1	18	0	1	1,601	4,660	5	15,657
Other WHR (NY)	352	132	936	488	43	21	20	0	6	0	321	0	3	652	2	4,203	7,179
Total	377,500	155,080	388,002	381,693	147,288	218,509	327,642	17,297	37,041	8,931	20,534	1,971	16,402	148,753	6,419	4,908	2,257,970

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	226,976	40,988	36,751	318	458	27	6,549
Other Manh	161,462	152,074	43,943	463	1,361	15	4,546
Other NYC	453,944	171,526	616,415	12,233	6,670	200	9,244
Long Island	2,733	724	5,642	32,508	18	5	108
Other NYS	7,513	2,890	5,389	82	17,927	686	838
CT	86	11	39	4	651	15,410	12
NJ	67,868	13,480	2,557	364	328	59	133,875

Midday (10 am to 4 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	81,411	11,232	39,726	41,720	15,449	23,856	48,535	2,193	364	20	862	0	22	12,392	765	123	278,670
Valley	11,821	1,916	4,835	7,232	2,897	5,658	13,898	1,241	115	3	189	0	5	3,385	662	36	53,893
Midtown	40,251	4,436	28,424	44,414	14,833	24,123	29,038	1,420	475	12	1,203	0	7	9,759	588	203	199,186
Uptown	40,132	6,765	42,646	181,336	58,712	34,618	20,104	710	372	14	1,967	0	14	7,811	409	277	395,887
Bronx	13,785	2,731	13,789	56,036	166,584	7,326	6,514	63	301	14	6,113	0	29	1,698	28	64	275,075
Queens	22,520	5,607	23,788	29,165	7,490	235,733	28,304	268	11,085	448	331	0	34	1,603	74	15	366,465
Brooklyn	46,930	13,966	28,044	22,418	7,717	25,093	413,010	1,780	851	58	204	0	19	1,853	173	15	562,131
Staten Island	2,123	1,238	1,355	602	56	286	1,803	23,648	9	1	0	0	0	461	2	0	31,584
Nassau	347	107	453	406	431	11,831	1,060	19	26,685	432	49	0	4	271	8	3	42,106
Suffolk	14	2	14	25	14	507	78	0	416	9,300	0	0	0	7	1	0	10,378
Westchester	837	166	1,141	2,059	6,525	357	199	8	38	1	15,541	6	867	280	10	203	28,238
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	6	2,432	2	0	0	0	2,440
Connecticut	22	5	9	16	56	45	18	0	1	0	871	1	22,330	39	1	0	23,414
Primary NJ	12,927	3,579	10,041	8,485	2,192	2,190	2,190	448	264	11	280	0	29	149,425	854	358	193,273
Other NJ	777	664	593	417	46	89	186	1	9	0	10	0	0	874	4,622	3	8,291
Other WHR (NY)	116	28	212	363	85	27	11	1	2	0	159	0	1	328	5	5,375	6,713
Total	274,013	52,442	195,070	394,694	283,087	371,739	564,948	31,800	40,987	10,314	27,785	2,439	23,363	190,186	8,202	6,675	2,477,744

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	224,052	93,366	183,141	989	2,616	34	27,551
Other Manh	89,543	181,336	114,144	386	2,244	14	8,220
Other NYC	175,876	108,221	925,675	12,767	6,742	82	5,892
Long Island	937	431	13,940	36,833	52	4	287
Other NYS	2,500	2,422	7,213	41	23,722	870	623
CT	36	16	119	1	872	22,330	40
NJ	28,581	8,902	7,342	284	651	29	155,775

PM Peak Period (4 pm to 8 pm)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	83,364	7,344	35,730	64,103	25,527	51,251	85,842	6,336	883	24	2,140	0	35	22,344	2,607	345	387,875
Valley	26,949	2,443	10,293	21,340	8,607	19,837	36,662	4,766	458	14	634	0	9	10,591	2,589	127	145,319
Midtown	62,443	4,202	36,189	81,664	31,267	61,137	73,062	5,386	1,236	39	2,978	0	44	23,232	2,281	886	386,046
Uptown	31,011	3,297	29,744	159,760	64,527	56,536	34,919	1,543	663	17	2,353	0	14	13,297	959	490	399,130
Bronx	5,772	874	5,472	26,098	89,157	6,023	3,682	194	162	4	4,539	0	23	676	14	32	142,722
Queens	9,279	1,748	8,574	14,210	6,634	128,805	19,035	551	5,822	221	438	0	11	923	40	24	196,315
Brooklyn	19,030	3,982	9,745	11,961	6,025	23,088	228,742	2,350	490	32	99	0	4	852	202	17	306,619
Staten Island	802	333	446	235	88	300	1,221	12,861	6	0	0	0	1	180	4	0	16,477
Nassau	132	24	119	271	434	8,517	922	18	17,877	305	47	0	2	276	10	9	28,963
Suffolk	21	2	5	30	25	505	98	1	287	5,336	0	0	0	4	0	0	6,314
Westchester	333	37	400	1,111	5,258	232	233	21	16	0	8,487	0	707	226	36	227	17,324
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	0	1,059	0	0	0	0	1,059
Connecticut	14	1	8	7	42	61	33	0	2	0	723	0	12,568	36	1	3	13,499
Primary NJ	6,766	1,248	4,739	4,936	3,185	1,517	1,444	951	105	5	160	0	6	106,175	1,343	503	133,083
Other NJ	259	165	200	230	39	54	86	5	7	0	5	0	0	692	3,551	4	5,297
Other WHR (NY)	46	18	53	170	56	14	12	1	2	0	81	0	0	172	9	2,384	3,018
Total	246,221	25,718	141,717	386,126	240,871	357,877	485,993	34,984	28,016	5,997	22,684	1,059	13,424	179,676	13,646	5,051	2,189,060

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	268,957	167,107	409,680	2,654	7,110	88	63,644
Other Manh	64,052	159,760	157,525	680	2,843	14	14,256
Other NYC	66,057	52,504	528,756	6,737	5,149	39	2,891
Long Island	303	301	10,520	23,805	56	2	290
Other NYS	887	1,281	5,827	18	12,238	707	443
CT	23	7	136	2	726	12,568	37
NJ	13,377	5,166	7,281	117	672	6	111,761

NYBPM2005 : Trips by Mode and time-of-day

Subway + Bus

Early Morning/Night (8 pm to 6 am)

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	22,408	2,427	9,669	15,746	6,621	11,425	19,583	1,311	142	7	449	0	9	6,529	369	45	96,740
Valley	5,436	560	1,936	3,937	1,715	3,552	6,845	784	58	2	101	0	1	2,023	373	22	27,345
Midtown	14,328	1,053	8,712	18,483	7,149	12,531	14,424	937	259	10	560	0	6	5,809	337	116	84,714
Uptown	8,976	1,311	8,807	46,540	16,071	14,671	10,016	343	109	9	612	0	2	3,606	146	74	111,293
Bronx	1,861	367	2,034	11,570	32,334	1,700	1,016	36	62	7	1,757	0	6	227	0	8	52,985
Queens	3,428	920	3,466	4,789	2,105	46,543	5,866	135	2,000	79	110	0	7	266	10	6	69,730
Brooklyn	7,022	1,877	4,189	4,098	1,787	7,716	83,351	680	195	17	30	0	2	231	63	4	111,262
Staten Island	332	193	214	91	22	85	395	4,705	1	0	1	0	0	69	0	0	6,108
Nassau	49	22	59	115	146	3,569	333	7	6,797	103	25	0	1	108	4	1	11,339
Suffolk	7	1	5	13	10	228	53	0	108	1,935	0	0	0	3	0	0	2,363
Westchester	135	27	140	380	1,993	103	78	3	9	0	3,203	1	301	77	9	73	6,532
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	1	328	0	0	0	0	329
Connecticut	5	1	9	5	10	29	15	1	1	0	287	0	4,662	14	0	0	5,039
Primary NJ	2,016	465	1,584	1,705	867	614	604	197	48	1	60	0	6	39,648	340	183	48,338
Other NJ	100	45	66	88	14	34	53	3	0	0	3	0	0	241	1,440	1	2,088
Other WHR (NY)	21	4	28	79	13	2	5	0	1	1	38	0	0	60	1	800	1,053
Total	66,124	9,273	40,918	107,639	70,857	102,802	142,637	9,142	9,790	2,171	7,237	329	5,003	58,911	3,092	1,333	637,258

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	66,529	38,166	86,877	478	1,293	16	15,440
Other Manh	19,094	46,540	41,101	118	686	2	3,752
Other NYC	25,903	20,548	188,476	2,361	1,916	15	866
Long Island	143	128	4,346	8,943	26	1	115
Other NYS	355	459	2,197	11	4,444	301	147
CT	15	5	55	1	287	4,662	14
NJ	4,276	1,793	2,386	49	247	6	41,669

Daily Trips

	Downtown	Valley	Midtown	Uptown	Bronx	Queens	Brooklyn	Staten Island	Nassau	Suffolk	Westchester	Other EHR-NY	Connecticut	Primary NJ	Other NJ	Other WHR (NY)	Total
Downtown	257,346	47,361	141,606	143,357	50,968	92,074	166,278	10,175	1,558	76	3,637	0	83	44,918	3,919	542	963,898
Valley	49,255	6,954	20,354	34,168	13,591	29,713	59,556	6,913	647	21	947	0	16	16,485	3,673	187	242,480
Midtown	143,577	17,877	102,184	162,102	55,710	101,925	121,670	7,876	2,072	65	4,933	0	66	40,874	3,315	1,231	765,477
Uptown	141,150	33,127	159,874	539,710	163,384	114,909	75,680	2,740	1,559	88	5,997	0	45	28,978	1,796	1,137	1,270,174
Bronx	49,175	13,518	55,266	165,771	390,313	21,738	20,377	335	1,167	49	18,309	0	136	5,657	102	202	742,115
Queens	90,604	30,292	104,124	113,837	21,115	574,657	78,569	1,184	28,546	1,392	1,181	0	132	5,292	225	67	1,051,217
Brooklyn	167,995	63,066	122,343	70,813	19,832	78,027	983,600	5,932	2,659	244	663	0	67	5,279	587	48	1,521,155
Staten Island	10,361	7,217	7,819	2,378	278	1,046	6,086	56,233	40	1	7	0	1	1,741	10	0	93,218
Nassau	1,510	616	1,840	1,495	1,217	28,667	2,791	50	75,485	1,175	139	0	11	748	26	13	115,783
Suffolk	71	24	55	89	56	1,412	254	1	1,153	24,276	0	0	1	23	3	0	27,418
Westchester	3,580	881	4,848	5,952	18,521	1,090	671	33	139	1	38,577	7	2,558	765	57	590	78,270
Other EHR-NY	0	0	0	0	0	0	0	0	0	0	7	5,789	2	0	0	0	5,798
Connecticut	72	18	70	39	136	144	68	1	7	1	2,531	2	54,970	100	3	3	58,165
Primary NJ	44,674	17,377	40,841	27,884	6,679	5,252	4,997	1,735	760	22	677	0	99	422,046	3,353	1,172	577,568
Other NJ	3,953	4,003	3,254	1,457	106	209	575	13	31	1	36	0	1	3,408	14,273	13	31,333
Other WHR (NY)	535	182	1,229	1,100	197	64	48	2	11	1	599	0	4	1,212	17	12,762	17,963
Total	963,858	242,513	765,707	1,270,152	742,103	1,050,927	1,521,220	93,223	115,834	27,413	78,240	5,798	58,192	577,526	31,359	17,967	7,562,032

	CBD	Other Manh	Other NYC	Long Island	Other NYS	CT	NJ
CBD	786,514	339,627	716,449	4,439	11,477	165	113,184
Other Manh	334,151	539,710	356,713	1,647	7,134	45	30,774
Other NYC	721,780	352,799	2,259,322	34,098	20,477	336	18,893
Long Island	4,116	1,584	34,448	102,089	152	12	800
Other NYS	11,255	7,052	20,626	152	58,331	2,564	2,051
CT	160	39	349	8	2,536	54,970	103
NJ	114,102	29,341	19,566	814	1,898	100	443,080

RHTS 2010 - 85S

DY Total Weekday

* bold = peak direction

	Direction	Daily Counts	Flow	Model minus Counts Diff.	Percent
OUTERBRIDGE CROSSING	West-Bound	35,561	37,626	2,065	6%
Middlesex - Richmond	**East-Bound**	**39,724**	**44,389**	**4,665**	**12%**
	Total	75,285	82,015	6,730	9%
GOETHALS BRIDGE	**West-Bound**	**34,608**	**33,167**	**-1,441**	**-4%**
Union - Richmond	East-Bound	39,470	42,731	3,261	8%
	Total	74,078	75,898	1,820	2%
BAYONNE BR|IDGE	**West-Bound**	**8,912**	**12,752**	**3,840**	**43%**
Hudson - Richmond	East-Bound	11,248	16,946	5,698	51%
	Total	20,160	29,698	9,538	47%
Staten Island Bridges (SIBs) - PANYNJ	**West-Bound**	**79,081**	**83,545**	**4,464**	**6%**
	East-Bound	90,442	104,066	13,624	15%
	Total	169,523	187,611	18,088	11%
HOLLAND TUNNEL	West-Bound	45,435	50,736	5,301	12%
Hudson - New York	**East-Bound**	**47,827**	**41,137**	**-6,690**	**-14%**
	Total	93,262	91,873	-1,389	-1%
LINCOLN TUNNEL	West-Bound	61,973	45,234	-16,739	-27%
Hudson - New York	**East-Bound**	**57,542**	**45,672**	**-11,870**	**-21%**
	Total	119,515	90,907	-28,608	-24%
G WASHINGTON BRIDGE - Total	West-Bound	150,078	157,473	7,395	5%
Bergen - New York	**East-Bound**	**142,321**	**139,733**	**-2,588**	**-2%**
	Total	292,399	297,205	4,806	2%
Hudson River Crossings (HRX) -PANYNJ	West-Bound	257,486	253,443	-4,043	-2%
	East-Bound	**247,690**	**226,542**	**-21,148**	**-9%**
	Total	505,176	479,985	-25,191	-5%
TAPPAN ZEE BRIDGE	West-Bound	60,210	50,721	-9,489	-16%
Rockland - Westchester	**East-Bound**	**69,166**	**59,337**	**-9,829**	**-14%**
	Total	129,376	110,058	-19,318	-15%
MOUNTAIN BRIDGE RD	West-Bound	8,426	15,785	7,359	87%
Orange - Westchester	**East-Bound**	**9,892**	**18,248**	**8,356**	**84%**
	Total	18,318	34,033	15,715	86%
NEWBURGH BEACON BRIDGE	West-Bound	39,012	41,104	2,092	5%
Orange - Westchester	**East-Bound**	**36,846**	**42,795**	**5,949**	**16%**
	Total	75,858	83,899	8,041	11%
Mid-Hudson Bridges (MHB)	West-Bound	107,648	107,610	-38	0%
Orange - Dutchess	**East-Bound**	**115,904**	**120,380**	**4,476**	**4%**
	Total	223,552	227,990	4,438	2%
VERRAZANO BRIDGE	West-Bound	98,022	85,215	-12,807	-13%
Kings - Richmond	**East-Bound**	**106,787**	**106,848**	**61**	**0%**
	Total	204,809	192,063	-12,746	-6%
BROOKLYN BATTERY TUNNEL - MTA	**West-Bound**	**27,543**	**16,422**	**-11,121**	**-40%**
Kings - New York	East-Bound	26,719	12,605	-14,114	-53%
	Total	54,262	29,027	-25,235	-47%
BROOKLYN BRIDGE (F)	**West-Bound**	**63,306**	**65,511**	**2,205**	**3%**
Kings - New York	East-Bound	60,334	67,009	6,675	11%
	Total	123,640	132,520	8,880	7%
MANHATTAN BRIDGE (F)	**West-Bound**	**36,815**	**37,396**	**581**	**2%**
Kings - New York	East-Bound	37,965	30,715	-7,250	-19%
	Total	74,780	68,111	-6,669	-9%
WILLIAMSBURG BRIDGE	**West-Bound**	**56,969**	**59,956**	**2,987**	**5%**
Kings - New York	East-Bound	54,220	52,428	-1,792	-3%
	Total	111,189	112,384	1,195	1%
QUEENS MIDTOWN TUNNEL -MTA	**West-Bound**	**48,797**	**33,215**	**-15,582**	**-32%**
	East-Bound	39,944	35,524	-4,420	-11%
	Total	88,741	68,739	-20,002	-23%
QUEENSBORO BRIDGE (F)	**West-Bound**	**85,573**	**70,068**	**-15,505**	**-18%**
Queens - New York	East-Bound	92,126	94,487	2,361	3%
	Total	177,699	164,554	-13,145	-7%
TRIBOROUGH BRIDGE (West) -MTA	**West-Bound**	**35,584**	**28,325**	**-7,259**	**-20%**
Queens - New York	East-Bound	31,611	33,330	1,719	5%
	Total	67,195	61,654	-5,541	-8%
East River Crossings (ERX) - NYC & MTA	**West-Bound**	**354,587**	**310,891**	**-43,696**	**-12%**
	East-Bound	342,919	326,098	-16,821	-5%
	Total	697,506	636,990	-60,516	-9%
TRIBOROUGH BRIDGE (North)	**North-Bound**	**7,451**	**10,999**	**3,548**	**48%**
Bronx - New York	South-Bound	17,384	3,539	-13,845	-80%
	Total	24,835	14,539	-10,296	-41%
TRIBOROUGH BRIDGE (South)	**North-Bound**	**42,242**	**36,615**	**-5,627**	**-13%**
Bronx - Queens	South-Bound	43,563	27,000	-16,563	-38%
	Total	85,805	63,615	-22,190	-26%
BRONX WHITESTONE BRIDGE	**North-Bound**	**48,186**	**45,675**	**-2,511**	**-5%**
Bronx - Queens	South-Bound	56,029	54,439	-1,590	-3%
	Total	104,215	100,114	-4,101	-4%
THROGS NECK BRIDGE	**North-Bound**	**57,755**	**63,375**	**5,620**	**10%**
Bronx - Queens	South-Bound	58,839	58,770	-69	0%
	Total	116,594	122,145	5,551	5%
Bronx Bridges (BB) - MTA	**North-Bound**	**155,634**	**156,665**	**1,031**	**1%**
	South-Bound	175,815	143,747	-32,068	-18%
	Total	331,449	300,412	-31,037	-9%

RHTS 2010 - 85S

DY Total Weekday

* bold = peak direction

	Direction	Daily Counts	Daily Flow	Model minus Counts Diff.	Model minus Counts Percent
WILLIS AVENUE BRIDGE - NB	**North-Bound**	**56,934**	**55,981**	**-953**	**-2%**
Bronx - New York	South-Bound				
	Total	56,934	55,981	-953	-2%
3RD AVE BRIDGE - SB	North-Bound				
Bronx - New York	**South-Bound**	**60,549**	**58,720**	**-1,829**	**-3%**
	Total	60,549	58,720	-1,829	-3%
MADISON AVENUE BRIDGE	**East-Bound**	**24,029**	**22,106**	**-1,923**	**-8%**
Bronx - New York	West-Bound	18,937	17,785	-1,152	-6%
	Total	42,966	39,891	-3,075	-7%
145TH ST BRIDGE	**East-Bound**	**15,043**	**4,611**	**-10,432**	**-69%**
Bronx - New York	West-Bound	13,706	3,425	-10,281	-75%
	Total	28,749	8,036	-20,713	-72%
MACOMBS DAM BRIDGE	East-Bound	18,755	12,522	-6,233	-33%
Bronx - New York	**West-Bound**	**20,872**	**17,639**	**-3,233**	**-15%**
	Total	39,627	30,161	-9,466	-24%
CROSS BRONX EXP BRIDGE	**East-Bound**	**100,711**	**74,693**	**-26,018**	**-26%**
Bronx - New York	West-Bound	91,502	92,293	791	1%
	Total	192,213	166,986	-25,227	-13%
WASHINGTON BRIDGE	**East-Bound**	**27,764**	**15,665**	**-12,099**	**-44%**
Bronx - New York	West-Bound	24,250	13,856	-10,394	-43%
	Total	52,014	29,521	-22,493	-43%
W 207TH ST BRIDGE	East-Bound	17,764	18,473	709	4%
Bronx - New York	**West-Bound**	**21,466**	**17,065**	**-4,401**	**-21%**
	Total	39,230	35,539	-3,691	-9%
BROADWAY AVE BRIDGE	North-Bound	17,744	20,689	2,945	17%
Bronx - New York	**South-Bound**	**19,548**	**22,189**	**2,641**	**14%**
	Total	37,292	42,878	5,586	15%
HENRY HUDSON PKY BRIDGE	North-Bound	32,574	22,608	-9,966	-31%
Bronx - New York	**South-Bound**	**37,064**	**16,204**	**-20,860**	**-56%**
	Total	69,638	38,812	-30,826	-44%
Manhattan - Bronx Crossings (MBX)	Bronx-Bound	311,318	247,348	-63,970	-21%
	Manhattan-Bound	**307,894**	**259,177**	**-48,717**	**-16%**
	Total	619,212	506,525	-112,687	-18%

Free and Tolled Facility Summary

East River Crossings - NYC & MTA	**West_Bound**	**242,663**	**232,930**	**-9,733**	**-4%**
	East-Bound	244,645	244,639	-6	0%
** Free Bridges **	Total	487,308	477,569	-9,739	-2%
East River Crossings - MTA	**West-Bound**	**111,924**	**77,961**	**-33,963**	**-30%**
	East-Bound	98,274	81,459	-16,815	-17%
** Tolled Bridges & Tunnels **	Total	210,198	159,420	-50,778	-24%
Verrazano Narrows Bridge - MTA	West-Bound	98,022	85,215	-12,807	-13%
	East-Bound	**106,787**	**106,848**	**61**	**0%**
** Tolled Bridge**	Total	204,809	192,063	-12,746	-6%
East River Crossings - NYC & MTA	**West-Bound**	**452,609**	**396,107**	**-56,502**	**-12%**
	East-Bound	449,706	432,946	-16,760	-4%
** All Bridges & Tunnels **	Total	902,315	829,053	-73,262	-8%

Major Crossing Cordon Summary

Bronx- Manhattan Crossings	Bronx-Bound	278,744	224,740	-54,004	-19%
** Free Bridges **	**Manhattan-Bound**	**270,830**	**242,973**	**-27,857**	**-10%**
	Total	549,574	467,713	-81,861	-15%
Henry Hudson Bridge - MTA	North-Bound	32,574	22,608	-9,966	-31%
**Tolled Bridge **	**South-Bound**	**37,064**	**16,204**	**-20,860**	**-56%**
	Total	69,638	38,812	-30,826	-44%
Bronx- Manhattan Crossings	Bronx-Bound	311,318	247,348	-63,970	-21%
** All Bridges **	**Manhattan-Bound**	**307,894**	**259,177**	**-48,717**	**-16%**
	Total	619,212	506,525	-112,687	-18%
Bronx- Queens Crossings - MTA	North-Bound	148,183	145,666	-2,517	-2%
	South-Bound	**158,431**	**140,208**	**-18,223**	**-12%**
**Tolled Bridges **	Total	306,614	285,874	-20,740	-7%
Mid-Hudson Bridges	West_Bound	107,648	107,610	-38	0%
	East-Bound	**115,904**	**120,380**	**4,476**	**4%**
*** Tolled Bridges**	Total	223,552	227,990	4,438	2%
Hudson River Crossings -PANYNJ	West_Bound	257,486	253,443	-4,043	-2%
	East-Bound	**247,690**	**226,542**	**-21,148**	**-9%**
** Tolled Bridges & Tunnels **	Total	505,176	479,985	-25,191	-5%
Staten Island Bridges - PANYNJ	**West_Bound**	**79,081**	**83,545**	**4,464**	**6%**
	East-Bound	90,442	104,066	13,624	15%
** Tolled Bridges**	East-Bound	169,523	187,611	18,088	11%

REPORT 6B - PANYNJ Crossings - Vehicle Class Breakdown

EASTBOUND DIRECTION
Counts and Assigned Volumes

Scenario RHTS 2010 - 85S

Average October 2010 Counts - PANYNJ

G.W. Bridge	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	34,349		3,067		373	**37,789**
MD	38,168		3,815		484	**42,467**
PM (4-8 pm)	29,553		1,434		418	**31,405**
NT	25,609		4,789		262	**30,660**
	127,679	**0**	**13,105**	**0**	**1,537**	**142,321**

Lincoln	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	14,065		1,391		2,789	**18,245**
MD	14,844		934		1,618	**17,396**
PM (4-8 pm)	6,787		233		1,625	**8,645**
NT	11,029		1,248		979	**13,256**
	46,725	**0**	**3,806**	**0**	**7,011**	**57,542**

Holland	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	11,391		297		228	**11,916**
MD	13,195		331		217	**13,743**
PM (4-8 pm)	10,605		112		279	**10,996**
NT	10,708		332		132	**11,172**
	45,899	**0**	**1,072**	**0**	**856**	**47,827**

Goethals	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	6,496		1,478		79	**8,053**
MD	10,396		1,854		90	**12,340**
PM (4-8 pm)	9,704		463		141	**10,308**
NT *	7,619		1,094		56	**8,769**
	34,215	**0**	**4,889**	**0**	**366**	**39,470**

Outerbridge	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	8,824		804		20	**9,648**
MD	10,768		1,050		30	**11,848**
PM (4-8 pm)	9,480		308		55	**9,843**
NT	7,400		948		37	**8,385**
	36,472	**0**	**3,110**	**0**	**142**	**39,724**

Bayonne	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	1,472		342		40	**1,854**
MD	2,626		482		22	**3,130**
PM (4-8 pm)	3,931		158		26	**4,115**
NT	1,900		238		11	**2,149**
	9,929	**0**	**1,220**	**0**	**99**	**11,248**

3 HRX	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	59,805	0	4,755	0	3,390	**67,950**
MD	66,207	0	5,080	0	2,319	**73,606**
PM (4-8 pm)	46,945	0	1,779	0	2,322	**51,046**
NT	47,346	0	6,369	0	1,373	**55,088**
	220,303	**0**	**17,983**	**0**	**9,404**	**247,690**

3 SIBS	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	16,792	0	2,624	0	139	**19,555**
MD	23,790	0	3,386	0	142	**27,318**
PM (4-8 pm)	23,115	0	929	0	222	**24,266**
NT	16,919	0	2,280	0	104	**19,303**
	80,616	**0**	**9,219**	**0**	**607**	**90,442**

All 6 Crossings	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	76,597	0	7,379	0	3,529	**87,505**
MD	89,997	0	8,466	0	2,461	**100,924**
PM (4-8 pm)	70,060	0	2,708	0	2,544	**75,312**
NT	64,265	0	8,649	0	1,477	**74,391**
	300,919	**0**	**27,202**	**0**	**10,011**	**338,132**

NYBPM 2010 Update

G.W. Bridge	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	42,040	40,718	2,612	1,323	373	**45,026**
MD	39,697	37,555	3,837	2,143	484	**44,018**
PM (4-8 pm)	25,873	25,117	1,812	757	346	**28,032**
NT	19,133	18,360	3,247	773	213	**22,592**
	126,744	**121,749**	**11,509**	**4,995**	**1,416**	**139,668**

Lincoln	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	11,147	10,583	946	564	2,358	**14,450**
MD	13,755	12,595	1,700	1,160	657	**16,112**
PM (4-8 pm)	6,736	6,478	638	258	122	**7,497**
NT	5,725	5,131	1,691	595	197	**7,613**
	37,363	**34,787**	**4,974**	**2,576**	**3,335**	**45,672**

Holland	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	10,135	9,705	844	430	160	**11,139**
MD	10,924	10,069	1,274	855	8	**12,206**
PM (4-8 pm)	9,054	8,610	474	444	8	**9,536**
NT	7,127	6,464	1,113	664	16	**8,256**
	37,240	**34,848**	**3,705**	**2,392**	**192**	**41,137**
			133			

Goethals	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	10,373	10,201	794	172	79	**11,246**
MD	10,881	10,477	1,138	404	90	**12,108**
PM (4-8 pm)	12,808	12,707	277	101	141	**13,226**
NT *	4,892	4,740	1,203	153	56	**6,151**
	38,954	**38,125**	**3,411**	**829**	**366**	**42,731**
			51			

Outerbridge	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	9,111	8,739	784	372	0	**9,895**
MD	13,326	12,731	1,097	596	0	**14,423**
PM (4-8 pm)	11,183	10,994	600	188	0	**11,782**
NT	7,723	7,551	565	172	0	**8,288**
	41,343	**40,015**	**3,046**	**1,328**	**0**	**44,389**
			967			

Bayonne	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	3,079	2,894	1,118	185	0	**4,197**
MD	4,986	4,720	1,415	265	0	**6,400**
PM (4-8 pm)	3,199	3,126	497	73	0	**3,696**
NT	2,077	2,013	575	64	0	**2,653**
	13,341	**12,753**	**3,606**	**588**	**0**	**16,946**

3 HRX	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	63,322	61,006	4,402	2,317	2,891	**70,615**
MD	64,376	60,218	6,811	4,157	1,149	**72,336**
PM (4-8 pm)	41,664	40,205	2,925	1,458	477	**45,065**
NT	31,985	29,954	6,051	2,031	426	**38,462**
	201,346	**191,383**	**20,188**	**9,963**	**4,943**	**226,477**

3 SIBS	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	22,563	21,834	2,696	729	79	**25,338**
MD	29,193	27,928	3,649	1,265	90	**32,932**
PM (4-8 pm)	27,189	26,826	1,374	363	141	**28,704**
NT	14,693	14,304	2,343	389	56	**17,092**
	93,638	**90,893**	**10,062**	**2,745**	**366**	**104,066**

All 6 Crossings	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	85,885	82,840	7,098	3,046	2,970	**95,953**
MD	93,569	88,146	10,460	5,422	1,239	**105,268**
PM (4-8 pm)	68,853	67,032	4,298	1,821	618	**73,769**
NT	46,678	44,258	8,394	2,420	482	**55,553**
	294,984	**282,276**	**30,250**	**12,708**	**5,309**	**330,543**

REPORT 6B - PANYNJ Crossings - Vehicle Class Breakdown

EASTBOUND DIRECTION

Scenario RHTS 2010 - 85S

Difference from Counts

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
7,691		-455		0	**7,237**
1,529		22		0	**1,551**
-3,680		378		-72	**-3,373**
-6,476		-1,542		-49	**-8,068**
-935		**-1,596**		**-121**	**-2,653**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
-2,918		-445		-431	**-3,795**
-1,089		766		-961	**-1,284**
-51		405		-1,503	**-1,148**
-5,304		443		-782	**-5,643**
-9,362		**1,168**		**-3,676**	**-11,870**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
-1,256		547		-68	**-777**
-2,271		943		-209	**-1,537**
-1,551		362		-271	**-1,460**
-3,581		781		-116	**-2,916**
-8,659		**2,633**		**-664**	**-6,690**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
3,877		-684		0	**3,193**
485		-716		0	**-232**
3,104		-186		0	**2,918**
-2,727		109		0	**-2,618**
4,739		**-1,478**		**0**	**3,261**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
287		-20		-20	**247**
2,558		47		-30	**2,575**
1,703		292		-55	**1,939**
323		-383		-37	**-97**
4,871		**-64**		**-142**	**4,665**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
1,607		776		-40	**2,343**
2,360		933		-22	**3,270**
-732		339		-26	**-419**
177		337		-11	**504**
3,412		**2,386**		**-99**	**5,698**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
3,517		-353		-499	**2,665**
-1,831		1,731		-1,170	**-1,270**
-5,281		1,146		-1,845	**-5,981**
-15,361		-318		-947	**-16,626**
-18,957		**2,205**		**-4,461**	**-21,213**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
5,771		72		-60	**5,783**
5,403		263		-52	**5,614**
4,074		445		-81	**4,438**
-2,226		63		-48	**-2,211**
13,022		**843**		**-241**	**13,624**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
9,288		-281		-559	**8,448**
3,572		1,994		-1,222	**4,344**
-1,207		1,590		-1,926	**-1,543**
-17,587		-255		-995	**-18,838**
-5,935		**3,048**		**-4,702**	**-7,589**

% Difference from Counts

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
22%		-15%		0%	19%
4%		1%		0%	4%
-12%		26%		-17%	-11%
-25%		-32%		-19%	-26%
-1%		**-12%**		**-8%**	**-2%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
-21%		-32%		-15%	-21%
-7%		82%		-59%	-7%
-1%		174%		-92%	-13%
-48%		35%		-80%	-43%
-20%		**31%**		**-52%**	**-21%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
-11%		184%		-30%	-7%
-17%		285%		-96%	-11%
-15%		323%		-97%	-13%
-33%		235%		-88%	-26%
-19%		**246%**		**-78%**	**-14%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
60%		-46%		0%	40%
5%		-39%		0%	-2%
32%		-40%		0%	28%
-36%		10%		0%	-30%
14%		**-30%**		**0%**	**8%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
3%		-2%		-100%	3%
24%		4%		-100%	22%
18%		95%		-100%	20%
4%		-40%		-100%	-1%
13%		**-2%**		**-100%**	**12%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
109%		227%		-100%	126%
90%		194%		-100%	104%
-19%		215%		-100%	-10%
9%		142%		-100%	23%
34%		**196%**		**-100%**	**51%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
6%		-7%		-15%	4%
-3%		34%		-50%	-2%
-11%		64%		-79%	-12%
-32%		-5%		-69%	-30%
-9%		**12%**		**-47%**	**-9%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
34%		3%		-43%	30%
23%		8%		-37%	21%
18%		48%		-36%	18%
-13%		3%		-46%	-11%
16%		**9%**		**-40%**	**15%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
12%		-4%		-16%	10%
4%		24%		-50%	4%
-2%		59%		-76%	-2%
-27%		-3%		-67%	-25%
-2%		**11%**		**-47%**	**-2%**

REPORT 6B - MTA Crossings - Vehicle Class Breakdown

ALL DIRECTIONS
Counts and Assigned Volumes

Scenario RHTS 2010 - 85S

October 20, 2010 Counts - MTA

Brooklyn Battery Tunnel (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	1,963	1,963	279	0	321	**2,563**
MD	6,582	6,582	659	0	164	**7,405**
PM (4-8 pm)	8,979	8,979	515	0	470	**9,964**
NT	6,490	6,490	163	0	134	**6,787**
	24,014	**24,014**	**1,616**	**0**	**1,089**	**26,719**

Brooklyn Battery Tunnel (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	9,776	9,776	647	0	485	**10,908**
MD	7,925	7,925	606	0	181	**8,712**
PM (4-8 pm)	4,312	4,312	185	0	315	**4,812**
NT	2,872	2,872	155	0	83	**3,110**
	24,885	**24,885**	**1,593**	**0**	**1,064**	**27,542**

Bronx Whitestone Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	12,129	12,129	1,107	0	62	**13,298**
MD	12,585	12,585	1,660	0	69	**14,314**
PM (4-8 pm)	9,212	9,212	517	0	49	**9,778**
NT	9,569	9,569	1,162	0	65	**10,796**
	43,495	**43,495**	**4,446**	**0**	**245**	**48,186**

Bronx Whitestone Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	10,837	10,837	1,245	0	57	**12,139**
MD	15,233	15,233	1,728	0	73	**17,034**
PM (4-8 pm)	13,833	13,833	707	0	50	**14,590**
NT	11,125	11,125	1,082	0	59	**12,266**
	51,028	**51,028**	**4,762**	**0**	**239**	**56,029**

Henry Hudson Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	4,875	4,875	117	0	0	**4,992**
MD	8,924	8,924	92	0	0	**9,016**
PM (4-8 pm)	11,105	11,105	69	0	0	**11,174**
NT	7,374	7,374	18	0	0	**7,392**
	32,278	**32,278**	**296**	**0**	**0**	**32,574**

Henry Hudson Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	11,711	11,711	69	0	0	**11,780**
MD	11,209	11,209	151	0	0	**11,360**
PM (4-8 pm)	9,968	9,968	68	0	0	**10,036**
NT	3,874	3,874	14	0	0	**3,888**
	36,762	**36,762**	**302**	**0**	**0**	**37,064**

Queens Midtown Tunnel (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	4,786	4,786	520	0	135	**5,441**
MD	11,984	11,984	1,462	0	68	**13,514**
PM (4-8 pm)	9,791	9,791	728	0	65	**10,584**
NT	9,919	9,919	461	0	25	**10,405**
	36,480	**36,480**	**3,171**	**0**	**293**	**39,944**

Queens Midtown Tunnel (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	12,160	12,160	1,784	0	315	**14,259**
MD	14,753	14,753	1,327	0	169	**16,249**
PM (4-8 pm)	10,318	10,318	405	0	204	**10,927**
NT	6,694	6,694	621	0	47	**7,362**
	43,925	**43,925**	**4,137**	**0**	**735**	**48,797**

Throgsneck Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	15,481	15,481	2,009	0	2	**17,492**
MD	15,301	15,301	2,998	0	0	**18,299**
PM (4-8 pm)	11,112	11,112	808	0	0	**11,920**
NT	8,374	8,374	1,670	0	0	**10,044**
	50,268	**50,268**	**7,485**	**0**	**2**	**57,755**

Throgsneck Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	10,005	10,005	1,903	0	0	**11,908**
MD	15,737	15,737	2,666	0	1	**18,404**
PM (4-8 pm)	15,649	15,649	1,020	0	2	**16,671**
NT	10,166	10,166	1,689	0	1	**11,856**
	51,557	**51,557**	**7,278**	**0**	**4**	**58,839**

NYBPM 2010 Update

Brooklyn Battery Tunnel (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	2,342	2,342	22	0	43	**2,407**
MD	1,784	1,533	29	251	437	**2,249**
PM (4-8 pm)	5,002	4,873	16	129	253	**5,271**
NT	2,657	2,657	0	0	21	**2,678**
	11,784	**11,404**	**67**	**380**	**754**	**12,605**

Brooklyn Battery Tunnel (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	11,823	11,310	88	513	926	**12,837**
MD	3,163	2,953	63	209	0	**3,226**
PM (4-8 pm)	333	241	9	92	0	**342**
NT	16	16	1	0	0	**17**
	15,334	**14,520**	**161**	**814**	**926**	**16,422**

Bronx Whitestone Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	13,589	13,431	709	157	113	**14,411**
MD	12,484	12,124	1,414	360	313	**14,210**
PM (4-8 pm)	11,350	11,273	391	76	120	**11,861**
NT	4,503	4,400	684	103	7	**5,193**
	41,925	**41,229**	**3,198**	**696**	**553**	**45,675**

Bronx Whitestone Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	15,072	14,921	841	151	142	**16,056**
MD	15,711	15,343	1,578	368	265	**17,554**
PM (4-8 pm)	14,897	14,821	406	76	96	**15,399**
NT	4,349	4,224	1,076	124	5	**5,430**
	50,028	**49,309**	**3,901**	**719**	**509**	**54,439**

Henry Hudson Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	4,065	3,680	0	385	0	**4,065**
MD	7,562	7,107	0	455	0	**7,562**
PM (4-8 pm)	8,811	8,665	0	146	0	**8,811**
NT	2,170	2,105	0	65	0	**2,170**
	22,608	**21,557**	**0**	**1,051**	**0**	**22,608**

Henry Hudson Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	7,834	7,458	0	376	0	**7,834**
MD	2,741	2,558	0	183	0	**2,741**
PM (4-8 pm)	5,237	5,101	0	136	0	**5,237**
NT	393	365	0	28	0	**393**
	16,204	**15,482**	**0**	**722**	**0**	**16,204**

Queens Midtown Tunnel (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	4,481	4,315	152	166	0	**4,633**
MD	11,964	11,692	251	272	0	**12,215**
PM (4-8 pm)	7,478	7,286	163	192	0	**7,641**
NT	10,903	10,717	132	187	0	**11,035**
	34,826	**34,010**	**698**	**816**	**0**	**35,524**

Queens Midtown Tunnel (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	12,917	12,597	41	320	504	**13,462**
MD	10,814	10,301	59	513	202	**11,075**
PM (4-8 pm)	6,243	5,911	36	332	156	**6,435**
NT	2,206	2,005	15	201	22	**2,243**
	32,180	**30,814**	**151**	**1,366**	**884**	**33,215**

Throgsneck Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	16,241	16,144	1,702	97	0	**17,944**
MD	16,027	15,800	2,680	227	0	**18,706**
PM (4-8 pm)	15,101	15,053	768	48	0	**15,869**
NT	9,551	9,458	1,305	93	0	**10,856**
	56,920	**56,456**	**6,455**	**464**	**0**	**63,375**

Throgsneck Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	12,103	11,872	1,416	231	0	**13,519**
MD	14,657	14,384	2,019	273	0	**16,676**
PM (4-8 pm)	15,255	15,212	583	43	0	**15,838**
NT	11,649	11,530	1,088	120	0	**12,738**
	53,664	**52,997**	**5,106**	**667**	**0**	**58,770**

REPORT 6B - MTA Crossings - Vehicle Class Breakdown

ALL DIRECTIONS
Counts and Assigned Volumes

Scenario RHTS 2010 - 85S

October 20, 2010 Counts - MTA

Verrazano Narrows Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	13,960	13,960	1639	0	300	**15,899**
MD	26,958	26,958	2910	0	177	**30,045**
PM (4-8 pm)	28,784	28,784	1324	0	406	**30,514**
NT	20,046	20,046	1372	0	146	**21,564**
	89,748	**89,748**	**7,245**	**0**	**1,029**	**98,022**

Triborough Bridge (Bronx-Queens) (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	8,903	8,903	1599	0	1	**10,503**
MD	10,586	10,586	2316	0	1	**12,903**
PM (4-8 pm)	8,533	8,533	963	0	0	**9,496**
NT	9,754	9,754	907	0	0	**10,661**
	37,776	**37,776**	**5,785**	**0**	**2**	**43,563**

Triborough Bridge (Bronx-Queens) (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	8,631	8,631	1869	0	0	**10,500**
MD	11,990	11,990	2234	0	1	**14,225**
PM (4-8 pm)	8,875	8,875	691	0	0	**9,566**
NT	7,115	7,115	836	0	0	**7,951**
	36,611	**36,611**	**5,630**	**0**	**1**	**42,242**

Triborough Bridge (Manhattan) (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	7,764	7,764	936	0	125	**8,825**
MD	12,307	12,307	778	0	110	**13,195**
PM (4-8 pm)	9,060	9,060	273	0	105	**9,438**
NT	7,754	7,754	295	0	76	**8,125**
	36,885	**36,885**	**2,282**	**0**	**416**	**39,583**

Triborough Bridge (Manhattan) (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	13,713	13,713	357	0	139	**14,209**
MD	16,484	16,484	828	0	135	**17,447**
PM (4-8 pm)	12,199	12,199	383	0	128	**12,710**
NT	7,816	7,816	194	0	73	**8,083**
	50,212	**50,212**	**1,762**	**0**	**475**	**52,449**

East River Crossings	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	38,002	38,002	2,739	0	1,205	**41,946**
MD	55,282	55,282	4,333	0	658	**60,273**
PM (4-8 pm)	44,341	44,341	2,084	0	1,083	**47,508**
NT	34,851	34,851	1,268	0	391	**36,510**
	172,476	**172,476**	**10,424**	**0**	**3,337**	**186,237**

Bronx Bridges	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	55,981	55,981	7,829	0	122	**63,932**
MD	65,695	65,695	10,936	0	144	**76,775**
PM (4-8 pm)	51,565	51,565	3,686	0	99	**55,350**
NT	45,937	45,937	5,657	0	124	**51,718**
	219,178	**219,178**	**28,108**	**0**	**489**	**247,775**

All MTA Crossings	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	146,694	146,694	16,080	0	1,942	**164,716**
MD	198,558	198,558	22,415	0	1,149	**222,122**
PM (4-8 pm)	171,730	171,730	8,656	0	1,794	**182,180**
NT	128,942	128,942	10,639	0	709	**140,290**
	645,924	**645,924**	**57,790**	**0**	**5,594**	**709,308**

NYBPM 2010 Update

Verrazano Narrows Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	20,753	20,600	839	154	83	**21,675**
MD	21,988	21,725	1,000	264	500	**23,488**
PM (4-8 pm)	27,112	27,060	208	52	199	**27,519**
NT	12,049	11,931	426	118	58	**12,533**
	81,903	**81,315**	**2,472**	**587**	**840**	**85,215**

Triborough Bridge (Bronx-Queens) (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	8,892	8,726	958	166	0	**9,851**
MD	6,642	6,339	1,537	303	0	**8,179**
PM (4-8 pm)	7,259	7,182	514	78	0	**7,773**
NT	777	731	420	46	0	**1,197**
	23,571	**22,978**	**3,429**	**592**	**0**	**27,000**

Triborough Bridge (Bronx-Queens) (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	10,156	9,931	1,641	225	0	**11,797**
MD	9,807	9,468	1,956	339	0	**11,763**
PM (4-8 pm)	10,883	10,793	580	91	0	**11,463**
NT	995	939	597	56	0	**1,592**
	31,840	**31,130**	**4,775**	**710**	**0**	**36,615**

Triborough Bridge (Manhattan) (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	7,031	6,701	177	330	93	**7,301**
MD	14,467	14,134	189	333	196	**14,852**
PM (4-8 pm)	9,753	9,679	38	74	386	**10,177**
NT	11,940	11,871	48	68	10	**11,998**
	43,191	**42,385**	**452**	**806**	**685**	**44,328**

Triborough Bridge (Manhattan) (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	10,318	10,046	8	272	24	**10,350**
MD	12,956	12,706	10	250	45	**13,011**
PM (4-8 pm)	6,975	6,854	9	121	22	**7,005**
NT	1,468	1,414	30	54	1	**1,498**
	31,717	**31,021**	**56**	**696**	**91**	**31,864**

East River Crossings	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	35,995	34,714	447	1,281	1,086	**37,527**
MD	44,333	43,018	541	1,315	678	**45,552**
PM (4-8 pm)	29,540	28,933	235	608	661	**30,436**
NT	26,984	26,675	211	309	32	**27,226**
	136,852	**133,340**	**1,433**	**3,512**	**2,457**	**140,742**

Bronx Bridges	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	63,950	63,153	5,853	797	255	**70,058**
MD	60,670	59,074	9,165	1,596	578	**70,413**
PM (4-8 pm)	59,490	59,122	2,659	368	216	**62,365**
NT	20,175	19,753	4,082	422	12	**24,268**
	204,285	**201,102**	**21,757**	**3,183**	**1,062**	**227,104**

All MTA Crossings	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	157,616	154,073	8,595	3,543	1,928	**168,140**
MD	162,765	158,167	12,784	4,598	1,958	**177,507**
PM (4-8 pm)	151,689	150,004	3,720	1,684	1,232	**156,641**
NT	75,625	74,363	5,822	1,262	124	**81,571**
	547,695	**536,607**	**30,920**	**11,088**	**5,243**	**583,858**

REPORT 6B - MTA Crossings - Vehicle Class Breakdown

ALL DIRECTIONS

Scenario RHTS 2010 - 85S

Difference from Counts

Brooklyn Battery Tunnel (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	379		-257		-278	**-156**
MD	-4,798		-630		273	**-5,156**
PM (4-8 pm)	-3,977		-499		-217	**-4,693**
NT	-3,833		-163		-113	**-4,109**
	-12,230		**-1,549**		**-335**	**-14,114**

Brooklyn Battery Tunnel (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	2,047		-559		441	**1,929**
MD	-4,762		-543		-181	**-5,486**
PM (4-8 pm)	-3,979		-176		-315	**-4,470**
NT	-2,856		-154		-83	**-3,093**
	-9,551		**-1,432**		**-138**	**-11,120**

Bronx Whitestone Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	1,460		-398		51	**1,113**
MD	-101		-246		244	**-104**
PM (4-8 pm)	2,138		-126		71	**2,083**
NT	-5,066		-478		-58	**-5,603**
	-1,570		**-1,248**		**308**	**-2,511**

Bronx Whitestone Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	4,235		-404		85	**3,917**
MD	478		-150		192	**520**
PM (4-8 pm)	1,064		-301		46	**809**
NT	-6,776		-6		-54	**-6,836**
	-1,000		**-861**		**270**	**-1,590**

Henry Hudson Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-810		-117		0	**-927**
MD	-1,362		-92		0	**-1,454**
PM (4-8 pm)	-2,294		-69		0	**-2,363**
NT	-5,204		-18		0	**-5,222**
	-9,670		**-296**		**0**	**-9,966**

Henry Hudson Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-3,877		-69		0	**-3,946**
MD	-8,468		-151		0	**-8,619**
PM (4-8 pm)	-4,731		-68		0	**-4,799**
NT	-3,481		-14		0	**-3,495**
	-20,558		**-302**		**0**	**-20,860**

Queens Midtown Tunnel (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-305		-368		-135	**-808**
MD	-20		-1,211		-68	**-1,299**
PM (4-8 pm)	-2,313		-565		-65	**-2,943**
NT	984		-329		-25	**630**
	-1,654		**-2,473**		**-293**	**-4,420**

Queens Midtown Tunnel (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	757		-1,743		189	**-797**
MD	-3,939		-1,268		33	**-5,174**
PM (4-8 pm)	-4,075		-369		-48	**-4,492**
NT	-4,488		-606		-25	**-5,119**
	-11,745		**-3,986**		**149**	**-15,582**

Throgsneck Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	760		-307		-2	**452**
MD	726		-318		0	**407**
PM (4-8 pm)	3,989		-40		0	**3,949**
NT	1,177		-365		0	**812**
	6,652		**-1,030**		**-2**	**5,620**

Throgsneck Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	2,098		-487		0	**1,611**
MD	-1,080		-647		-1	**-1,728**
PM (4-8 pm)	-394		-437		-2	**-833**
NT	1,483		-601		-1	**882**
	2,107		**-2,172**		**-4**	**-69**

% Difference from Counts

Brooklyn Battery Tunnel (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	19%		-92%		-87%	-6%
MD	-73%		-96%		166%	-70%
PM (4-8 pm)	-44%		-97%		-46%	-47%
NT	-59%		-100%		-84%	-61%
	-51%		**-96%**		**-31%**	**-53%**

Brooklyn Battery Tunnel (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	21%		-86%		91%	18%
MD	-60%		-90%		-100%	-63%
PM (4-8 pm)	-92%		-95%		-100%	-93%
NT	-99%		-99%		-100%	-99%
	-38%		**-90%**		**-13%**	**-40%**

Bronx Whitestone Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	12%		-36%		82%	8%
MD	-1%		-15%		354%	-1%
PM (4-8 pm)	23%		-24%		145%	21%
NT	-53%		-41%		-90%	-52%
	-4%		**-28%**		**126%**	**-5%**

Bronx Whitestone Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	39%		-32%		150%	32%
MD	3%		-9%		263%	3%
PM (4-8 pm)	8%		-43%		92%	6%
NT	-61%		-1%		-91%	-56%
	-2%		**-18%**		**113%**	**-3%**

Henry Hudson Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-17%		-100%		0%	-19%
MD	-15%		-100%		0%	-16%
PM (4-8 pm)	-21%		-100%		0%	-21%
NT	-71%		-100%		0%	-71%
	-30%		**-100%**		**0%**	**-31%**

Henry Hudson Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-33%		-100%		0%	-33%
MD	-76%		-100%		0%	-76%
PM (4-8 pm)	-47%		-100%		0%	-48%
NT	-90%		-100%		0%	-90%
	-56%		**-100%**		**0%**	**-56%**

Queens Midtown Tunnel (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-6%		-71%		-100%	-15%
MD	0%		-83%		-100%	-10%
PM (4-8 pm)	-24%		-78%		-100%	-28%
NT	10%		-71%		-100%	6%
	-5%		**-78%**		**-100%**	**-11%**

Queens Midtown Tunnel (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	6%		-98%		60%	-6%
MD	-27%		-96%		20%	-32%
PM (4-8 pm)	-39%		-91%		-24%	-41%
NT	-67%		-98%		-53%	-70%
	-27%		**-96%**		**20%**	**-32%**

Throgsneck Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	5%		-15%		-100%	3%
MD	5%		-11%		0%	2%
PM (4-8 pm)	36%		-5%		0%	33%
NT	14%		-22%		0%	8%
	13%		**-14%**		**-100%**	**10%**

Throgsneck Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	21%		-26%		0%	14%
MD	-7%		-24%		-100%	-9%
PM (4-8 pm)	-3%		-43%		-100%	-5%
NT	15%		-36%		-100%	7%
	4%		**-30%**		**-100%**	**0%**

REPORT 6B - MTA Crossings - Vehicle Class Breakdown

ALL DIRECTIONS

Scenario RHTS 2010 - 85S

Difference from Counts

Verrazano Narrows Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	6,793		-800		-217	**5,776**
MD	-4,970		-1,910		323	**-6,557**
PM (4-8 pm)	-1,672		-1,116		-207	**-2,995**
NT	-7,997		-946		-88	**-9,031**
	-7,845		**-4,773**		**-189**	**-12,807**

Triborough Bridge (Bronx-Queens) (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-11		-641		-1	**-652**
MD	-3,944		-779		-1	**-4,724**
PM (4-8 pm)	-1,274		-449		0	**-1,723**
NT	-8,977		-487		0	**-9,464**
	-14,205		**-2,356**		**-2**	**-16,563**

Triborough Bridge (Bronx-Queens) (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	1,525		-228		0	**1,297**
MD	-2,183		-278		-1	**-2,462**
PM (4-8 pm)	2,008		-111		0	**1,897**
NT	-6,120		-239		0	**-6,359**
	-4,771		**-855**		**-1**	**-5,627**

Triborough Bridge (Manhattan) (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-733		-759		-32	**-1,524**
MD	2,160		-589		86	**1,657**
PM (4-8 pm)	693		-235		281	**739**
NT	4,186		-247		-66	**3,873**
	6,306		**-1,830**		**269**	**4,745**

Triborough Bridge (Manhattan) (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-3,395		-349		-115	**-3,859**
MD	-3,528		-818		-90	**-4,436**
PM (4-8 pm)	-5,224		-374		-106	**-5,705**
NT	-6,348		-164		-72	**-6,585**
	-18,495		**-1,706**		**-384**	**-20,585**

East River Crossings	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-2,007		-2,292		-119	**-4,419**
MD	-10,949		-3,792		20	**-14,721**
PM (4-8 pm)	-14,801		-1,849		-422	**-17,072**
NT	-7,867		-1,057		-359	**-9,284**
	-35,624		**-8,991**		**-880**	**-45,495**

Bronx Bridges	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	7,969		-1,976		133	**6,126**
MD	-5,025		-1,771		434	**-6,362**
PM (4-8 pm)	7,925		-1,027		117	**7,015**
NT	-25,762		-1,575		-112	**-27,450**
	-14,893		**-6,351**		**573**	**-20,671**

All MTA Crossings	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	10,922		-7,485		-14	**3,424**
MD	-35,793		-9,631		809	**-44,615**
PM (4-8 pm)	-20,041		-4,936		-562	**-25,539**
NT	-53,317		-4,817		-585	**-58,719**
	-98,229		**-26,870**		**-351**	**-125,450**

% Difference from Counts

Verrazano Narrows Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	49%		-49%		-72%	36%
MD	-18%		-66%		182%	-22%
PM (4-8 pm)	-6%		-84%		-51%	-10%
NT	-40%		-69%		-60%	-42%
	-9%		**-66%**		**-18%**	**-13%**

Triborough Bridge (Bronx-Queens) (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	0%		-40%		-100%	-6%
MD	-37%		-34%		-100%	-37%
PM (4-8 pm)	-15%		-47%		0%	-18%
NT	-92%		-54%		0%	-89%
	-38%		**-41%**		**-100%**	**-38%**

Triborough Bridge (Bronx-Queens) (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	18%		-12%		0%	12%
MD	-18%		-12%		-100%	-17%
PM (4-8 pm)	23%		-16%		0%	20%
NT	-86%		-29%		0%	-80%
	-13%		**-15%**		**-100%**	**-13%**

Triborough Bridge (Manhattan) (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-9%		-81%		-26%	-17%
MD	18%		-76%		78%	13%
PM (4-8 pm)	8%		-86%		268%	8%
NT	54%		-84%		-87%	48%
	17%		**-80%**		**65%**	**12%**

Triborough Bridge (Manhattan) (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-25%		-98%		-83%	-27%
MD	-21%		-99%		-67%	-25%
PM (4-8 pm)	-43%		-98%		-83%	-45%
NT	-81%		-85%		-99%	-81%
	-37%		**-97%**		**-81%**	**-39%**

East River Crossings	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-5%		-84%		-10%	-11%
MD	-20%		-88%		3%	-24%
PM (4-8 pm)	-33%		-89%		-39%	-36%
NT	-23%		-83%		-92%	-25%
	-21%		**-86%**		**-26%**	**-24%**

Bronx Bridges	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	14%		-25%		109%	10%
MD	-8%		-16%		302%	-8%
PM (4-8 pm)	15%		-28%		118%	13%
NT	-56%		-28%		-90%	-53%
	-7%		**-23%**		**117%**	**-8%**

All MTA Crossings	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	7%		-47%		-1%	2%
MD	-18%		-43%		70%	-20%
PM (4-8 pm)	-12%		-57%		-31%	-14%
NT	-41%		-45%		-82%	-42%
	-15%		**-46%**		**-6%**	**-18%**

REPORT 6B - Free Crossings - Vehicle Class Breakdown

ALL DIRECTIONS

Scenario RHTS 2010 - 85S

Counts and Assigned Volumes

	2010 Counts - NYCDOT Bridge Traffic Report						NYBPM 2010 Update					
Brooklyn Bridge (EB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	10,112	10,112	4	0	80	**10,196**	13,821	10,795	0	3,026	0	**13,821**
MD	16,244	16,244	2	0	174	**16,420**	19,338	16,130	0	3,209	0	**19,338**
PM (4-8 pm)	13,674	13,674	2	0	65	**13,741**	16,088	15,068	0	1,019	0	**16,088**
NT	19,965	19,965	0	0	12	**19,977**	17,762	16,065	0	1,697	0	**17,762**
	59,995	**59,995**	**8**	**0**	**331**	**60,334**	**67,009**	**58,058**	**0**	**8,952**	**0**	**67,009**
Brooklyn Bridge (WB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	14,162	14,162	14	0	144	**14,320**	19,442	17,256	0	2,187	0	**19,442**
MD	17,638	17,638	29	0	169	**17,836**	20,733	17,360	0	3,373	0	**20,733**
PM (4-8 pm)	13,557	13,557	6	0	53	**13,616**	14,056	12,745	0	1,311	0	**14,056**
NT	17,477	17,477	25	0	32	**17,534**	11,279	9,693	0	1,586	0	**11,279**
	62,834	**62,834**	**74**	**0**	**398**	**63,306**	**65,511**	**57,054**	**0**	**8,457**	**0**	**65,511**
Manhattan Bridge (EB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	5,118	5,118	589	0	193	**5,900**	3,517	3,191	576	326	0	**4,093**
MD	8,509	8,509	1,311	0	355	**10,175**	7,936	6,689	4,597	1,247	0	**12,532**
PM (4-8 pm)	8,949	8,949	330	0	237	**9,516**	8,186	7,554	1,711	631	0	**9,896**
NT	12,043	12,043	214	0	116	**12,373**	2,470	2,150	1,724	320	0	**4,194**
	34,619	**34,619**	**2,444**	**0**	**901**	**37,964**	**22,108**	**19,584**	**8,607**	**2,524**	**0**	**30,715**
Manhattan Bridge (WB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	8,521	8,521	1,596	0	238	**10,355**	16,537	15,205	4,469	1,332	0	**21,006**
MD	8,084	8,084	1,807	0	232	**10,123**	4,435	3,872	2,375	562	0	**6,809**
PM (4-8 pm)	5,478	5,478	478	0	176	**6,132**	3,785	3,316	931	469	0	**4,715**
NT	9,778	9,778	335	0	90	**10,203**	3,149	2,831	1,715	319	0	**4,865**
	31,861	**31,861**	**4,216**	**0**	**736**	**36,813**	**27,905**	**25,224**	**9,490**	**2,681**	**0**	**37,396**
Queensboro Bridge (EB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	10,780	10,780	887	0	137	**11,804**	18,732	16,454	1,889	2,278	105	**20,726**
MD	24,217	24,217	1,802	0	316	**26,335**	25,665	22,677	3,056	2,988	195	**28,917**
PM (4-8 pm)	20,799	20,799	864	0	199	**21,862**	22,143	21,151	986	992	91	**23,220**
NT	31,087	31,087	774	0	260	**32,121**	19,715	18,411	1,891	1,304	17	**21,624**
	86,883	**86,883**	**4,327**	**0**	**912**	**92,122**	**86,255**	**78,693**	**7,823**	**7,562**	**409**	**94,487**
Queensboro Bridge (WB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	21,542	21,542	1,060	0	188	**22,790**	17,550	16,307	651	1,243	76	**18,277**
MD	22,123	22,123	1,146	0	209	**23,478**	19,063	16,752	2,270	2,311	99	**21,431**
PM (4-8 pm)	15,096	15,096	301	0	110	**15,507**	17,015	16,310	775	704	84	**17,874**
NT	23,073	23,073	585	0	140	**23,798**	10,767	9,666	1,707	1,102	11	**12,486**
	81,834	**81,834**	**3,092**	**0**	**647**	**85,573**	**64,395**	**59,035**	**5,402**	**5,360**	**270**	**70,068**
Williamsburg Bridge (EB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	7,838	7838	137	0	175	**8,150**	13,226	12,497	129	729	0	**13,355**
MD	14,204	14204	316	0	265	**14,785**	15,049	13,236	418	1,813	0	**15,467**
PM (4-8 pm)	12,285	12285	135	0	122	**12,542**	13,273	12,825	108	449	0	**13,381**
NT	18,628	18628	55	0	60	**18,743**	10,063	9,399	162	664	0	**10,225**
	52,955	**52,955**	**643**	**0**	**622**	**54,220**	**51,611**	**47,956**	**818**	**3,655**	**0**	**52,428**
Williamsburg Bridge (WB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	12,445	12,445	56	0	77	**12,578**	15,639	14,863	398	776	0	**16,037**
MD	15,639	15,639	100	0	108	**15,847**	16,300	14,994	1,446	1,306	0	**17,745**
PM (4-8 pm)	10,966	10,966	71	0	77	**11,114**	12,489	12,212	478	278	0	**12,968**
NT	17,379	17,379	26	0	25	**17,430**	11,958	11,219	1,249	739	0	**13,207**
	56,429	**56,429**	**253**	**0**	**287**	**56,969**	**56,385**	**53,287**	**3,570**	**3,098**	**0**	**59,956**
All Free Bridges	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	90,518	90,518	4,343	0	1,232	**96,093**	118,464	106,568	8,112	11,896	181	**126,757**
MD	126,658	126,658	6,513	0	1,828	**134,999**	128,517	111,709	14,162	16,808	294	**142,974**
PM (4-8 pm)	100,804	100,804	2,187	0	1,039	**104,030**	107,034	101,181	4,989	5,853	175	**112,198**
NT	149,430	149,430	2,014	0	735	**152,179**	87,165	79,432	8,448	7,732	29	**95,641**
	467,410	**467,410**	**15,057**	**0**	**4,834**	**487,301**	**441,180**	**398,890**	**35,710**	**42,290**	**679**	**477,569**

REPORT 6B - Free Crossings - Vehicle Class Breakdown

ALL DIRECTIONS

Scenario RHTS 2010 - 85S

Difference from Counts

Brooklyn Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	3,709		-4		-80	**3,625**
MD	3,094		-2		-174	**2,918**
PM (4-8 pm)	2,414		-2		-65	**2,347**
NT	-2,203		0		-12	**-2,215**
	7,014		**-8**		**-331**	**6,675**

Brooklyn Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	5,280		-14		-144	**5,122**
MD	3,095		-29		-169	**2,897**
PM (4-8 pm)	499		-6		-53	**440**
NT	-6,198		-25		-32	**-6,255**
	2,677		**-74**		**-398**	**2,205**

Manhattan Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-1,601		-13		-193	**-1,807**
MD	-573		3,286		-355	**2,357**
PM (4-8 pm)	-763		1,381		-237	**380**
NT	-9,573		1,510		-116	**-8,179**
	-12,511		**6,163**		**-901**	**-7,249**

Manhattan Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	8,016		2,873		-238	**10,651**
MD	-3,649		568		-232	**-3,314**
PM (4-8 pm)	-1,693		453		-176	**-1,417**
NT	-6,629		1,380		-90	**-5,338**
	-3,956		**5,274**		**-736**	**583**

Queensboro Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	7,952		1,002		-32	**8,922**
MD	1,448		1,254		-121	**2,582**
PM (4-8 pm)	1,344		122		-108	**1,358**
NT	-11,372		1,117		-243	**-10,497**
	-628		**3,496**		**-503**	**2,365**

Queensboro Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-3,992		-409		-112	**-4,513**
MD	-3,060		1,124		-110	**-2,047**
PM (4-8 pm)	1,919		474		-26	**2,367**
NT	-12,306		1,122		-129	**-11,312**
	-17,439		**2,310**		**-377**	**-15,505**

Williamsburg Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	5,388		-8		-175	**5,205**
MD	845		102		-265	**682**
PM (4-8 pm)	988		-27		-122	**839**
NT	-8,565		107		-60	**-8,518**
	-1,344		**175**		**-622**	**-1,792**

Williamsburg Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	3,194		342		-77	**3,459**
MD	661		1,346		-108	**1,898**
PM (4-8 pm)	1,523		407		-77	**1,854**
NT	-5,421		1,223		-25	**-4,223**
	-44		**3,317**		**-287**	**2,987**

All Free Bridges	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	27,946		3,769		-1,051	**30,664**
MD	1,859		7,649		-1,534	**7,975**
PM (4-8 pm)	6,230		2,802		-864	**8,168**
NT	-62,265		6,434		-706	**-56,538**
	-26,230		**20,653**		**-4,155**	**-9,732**

% Difference from Counts

Brooklyn Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	37%		-100%		-100%	36%
MD	19%		-100%		-100%	18%
PM (4-8 pm)	18%		-100%		-100%	17%
NT	-11%		--		-100%	-11%
	12%		**-100%**		**-100%**	**11%**

Brooklyn Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	37%		-100%		-100%	36%
MD	18%		-100%		-100%	16%
PM (4-8 pm)	4%		-100%		-100%	3%
NT	-35%		-100%		-100%	-36%
	4%		**-100%**		**-100%**	**3%**

Manhattan Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-31%		-2%		-100%	-31%
MD	-7%		251%		-100%	23%
PM (4-8 pm)	-9%		418%		-100%	4%
NT	-79%		705%		-100%	-66%
	-36%		**252%**		**-100%**	**-19%**

Manhattan Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	94%		180%		-100%	103%
MD	-45%		31%		-100%	-33%
PM (4-8 pm)	-31%		95%		-100%	-23%
NT	-68%		412%		-100%	-52%
	-12%		**125%**		**-100%**	**2%**

Queensboro Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	74%		113%		-23%	76%
MD	6%		70%		-38%	10%
PM (4-8 pm)	6%		14%		-54%	6%
NT	-37%		144%		-93%	-33%
	-1%		**81%**		**-55%**	**3%**

Queensboro Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-19%		-39%		-60%	-20%
MD	-14%		98%		-53%	-9%
PM (4-8 pm)	13%		157%		-24%	15%
NT	-53%		192%		-92%	-48%
	-21%		**75%**		**-58%**	**-18%**

Williamsburg Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	69%		-6%		-100%	64%
MD	6%		32%		-100%	5%
PM (4-8 pm)	8%		-20%		-100%	7%
NT	-46%		195%		-100%	-45%
	-3%		**27%**		**-100%**	**-3%**

Williamsburg Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	26%		611%		-100%	27%
MD	4%		1346%		-100%	12%
PM (4-8 pm)	14%		574%		-100%	17%
NT	-31%		4702%		-100%	-24%
	0%		**1311%**		**-100%**	**5%**

All Free Bridges	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	31%		87%		-85%	32%
MD	1%		117%		-84%	6%
PM (4-8 pm)	6%		128%		-83%	8%
NT	-42%		319%		-96%	-37%
	-6%		**137%**		**-86%**	**-2%**

RHTS 2010 - 85S

AM Peak Period (6-10am)

* bold = peak direction

	Direction	6-10 AM Counts	Flow	Model minus Counts Diff.	Percent
OUTERBRIDGE CROSSING	West-Bound	7,304	12,652	5,348	73%
Middlesex - Richmond	**East-Bound**	**9,648**	**9,895**	**247**	**3%**
	Total	16,952	22,547	5,595	33%
GOETHALS BRIDGE	**West-Bound**	**9,121**	**10,931**	**1,810**	**20%**
Union - Richmond	East-Bound	8,053	11,246	3,193	40%
	Total	17,174	22,177	5,003	29%
BAYONNE BR|IDGE	**West-Bound**	**3,475**	**2,849**	**-626**	**-18%**
Hudson - Richmond	East-Bound	1,854	4,197	2,343	126%
	Total	5,329	7,047	1,718	32%
Staten Island Bridges (SIBs) - PANYNJ	**West-Bound**	**19,900**	**26,432**	**6,532**	**33%**
	East-Bound	19,555	25,338	5,783	30%
	Total	39,455	51,771	12,316	31%
HOLLAND TUNNEL	West-Bound	9,734	10,464	730	7%
Hudson - New York	**East-Bound**	**11,916**	**11,139**	**-777**	**-7%**
	Total	21,650	21,603	-47	0%
LINCOLN TUNNEL	West-Bound	7,173	6,885	-288	-4%
Hudson - New York	**East-Bound**	**18,245**	**14,450**	**-3,795**	**-21%**
	Total	25,418	21,335	-4,083	-16%
G WASHINGTON BRIDGE	West-Bound	26,136	29,042	2,906	11%
Bergen - New York	**East-Bound**	**37,789**	**45,026**	**7,237**	**19%**
	Total	63,925	74,068	10,143	16%
Hudson River Crossings (HRX) -PANYNJ	West-Bound	43,043	46,391	3,348	8%
	East-Bound	**67,950**	**70,615**	**2,665**	**4%**
	Total	110,993	117,006	6,013	5%
TAPPAN ZEE BRIDGE	West-Bound	11,493	7,957	-3,536	-31%
Rockland - Westchester	**East-Bound**	**24,715**	**26,806**	**2,091**	**8%**
	Total	36,208	34,763	-1,445	-4%
MOUNTAIN BRIDGE RD	West-Bound	2,219	5,491	3,272	147%
Orange - Westchester	**East-Bound**	**3,052**	**6,455**	**3,403**	**111%**
	Total	5,271	11,946	6,675	127%
NEWBURGH BEACON BRIDGE	West-Bound	13,554	10,386	-3,168	-23%
Orange - Westchester	**East-Bound**	**10,212**	**11,536**	**1,324**	**13%**
	Total	23,766	21,922	-1,844	-8%
Mid-Hudson Bridges (MHB)	West-Bound	27,266	23,835	-3,431	-13%
Orange - Dutchess	**East-Bound**	**37,979**	**44,797**	**6,818**	**18%**
	Total	65,245	68,631	3,386	5%
VERRAZANO BRIDGE	West-Bound	15,899	21,675	5,776	36%
Kings - Richmond	**East-Bound**	**30,723**	**37,542**	**6,819**	**22%**
	Total	46,622	59,217	12,595	27%
BROOKLYN BATTERY TUNNEL - MTA	**West-Bound**	**10,909**	**12,837**	**1,928**	**18%**
Kings - New York	East-Bound	2,563	2,407	-156	-6%
	Total	13,472	15,244	1,772	13%
BROOKLYN BRIDGE (F)	**West-Bound**	**14,320**	**19,442**	**5,122**	**36%**
Kings - New York	East-Bound	10,196	13,821	3,625	36%
	Total	24,516	33,264	8,748	36%
MANHATTAN BRIDGE (F)	**West-Bound**	**10,357**	**21,006**	**10,649**	**103%**
Kings - New York	East-Bound	5,901	4,093	-1,808	-31%
	Total	16,258	25,099	8,841	54%
WILLIAMSBURG BRIDGE	**West-Bound**	**12,578**	**16,037**	**3,459**	**27%**
Kings - New York	East-Bound	8,150	13,355	5,205	64%
	Total	20,728	29,391	8,663	42%
QUEENS MIDTOWN TUNNEL -MTA	**West-Bound**	**14,259**	**13,462**	**-797**	**-6%**
	East-Bound	5,441	4,633	-808	-15%
	Total	19,700	18,095	-1,605	-8%
QUEENSBORO BRIDGE (F)	**West-Bound**	**22,790**	**18,277**	**-4,513**	**-20%**
Queens - New York	East-Bound	11,805	20,726	8,921	76%
	Total	34,595	39,003	4,408	13%
TRIBOROUGH BRIDGE (West) -MTA	**West-Bound**	**10,121**	**9,540**	**-581**	**-6%**
Queens - New York	East-Bound	6,345	7,156	811	13%
	Total	16,466	16,696	230	1%
East River Crossings (ERX) - NYC & MTA	**West-Bound**	**95,334**	**110,602**	**15,268**	**16%**
	East-Bound	50,401	66,191	15,790	31%
	Total	145,735	176,793	31,058	21%
TRIBOROUGH BRIDGE (North)	**North-Bound**	**1,901**	**144**	**-1,757**	**-92%**
Bronx - New York	South-Bound	4,667	809	-3,858	-83%
	Total	6,568	954	-5,614	-85%
TRIBOROUGH BRIDGE (South)	**North-Bound**	**10,500**	**11,797**	**1,297**	**12%**
Bronx - Queens	South-Bound	10,503	9,851	-652	-6%
	Total	21,003	21,648	645	3%
BRONX WHITESTONE BRIDGE	**North-Bound**	**13,298**	**14,411**	**1,113**	**8%**
Bronx - Queens	South-Bound	12,139	16,056	3,917	32%
	Total	25,437	30,466	5,029	20%
THROGS NECK BRIDGE	**North-Bound**	**17,492**	**17,944**	**452**	**3%**
Bronx - Queens	South-Bound	11,908	13,519	1,611	14%
	Total	29,400	31,462	2,062	7%
Bronx Bridges (BB) - MTA	**North-Bound**	**43,191**	**44,296**	**1,105**	**3%**
	South-Bound	39,217	40,234	1,017	3%
	Total	82,408	84,530	2,122	3%

RHTS 2010 - 85S

AM Peak Period (6-10am)

* bold = peak direction

	Direction	6-10 AM Counts	Flow	Model minus Counts Diff.	Percent
WILLIS AVENUE BRIDGE - NB	**North-Bound**	**11,623**	**10,279**	**-1,344**	**-12%**
Bronx - New York	South-Bound				
	Total	11,623	10,279	-1,344	-12%
3RD AVE BRIDGE - SB	North-Bound				
Bronx - New York	**South-Bound**	**14,033**	**21,818**	**7,785**	**55%**
	Total	14,033	21,818	7,785	55%
MADISON AVENUE BRIDGE	**East-Bound**	**4,093**	**5,035**	**942**	**23%**
Bronx - New York	West-Bound	5,255	6,874	1,619	31%
	Total	9,348	11,910	2,562	27%
145TH ST BRIDGE	**East-Bound**	**2,727**	**852**	**-1,875**	**-69%**
Bronx - New York	West-Bound	3,426	1,256	-2,170	-63%
	Total	6,153	2,108	-4,045	-66%
MACOMBS DAM BRIDGE	East-Bound	3,727	5,163	1,436	39%
Bronx - New York	**West-Bound**	**5,024**	**4,597**	**-427**	**-9%**
	Total	8,751	9,760	1,009	12%
CROSS BRONX EXP BRIDGE	**East-Bound**	**21,405**	**20,447**	**-958**	**-4%**
Bronx - New York	West-Bound	18,704	18,266	-438	-2%
	Total	40,109	38,713	-1,396	-3%
WASHINGTON BRIDGE	**East-Bound**	**5,359**	**6,168**	**809**	**15%**
Bronx - New York	West-Bound	4,890	4,395	-495	-10%
	Total	10,249	10,563	314	3%
W 207TH ST BRIDGE	East-Bound	3,191	4,632	1,441	45%
Bronx - New York	**West-Bound**	**4,995**	**5,537**	**542**	**11%**
	Total	8,186	10,169	1,983	24%
BROADWAY AVE BRIDGE	North-Bound	3,078	5,108	2,030	66%
Bronx - New York	**South-Bound**	**4,788**	**7,221**	**2,433**	**51%**
	Total	7,866	12,328	4,462	57%
HENRY HUDSON PKY BRIDGE	North-Bound	4,992	4,065	-927	-19%
Bronx - New York	**South-Bound**	**11,780**	**7,834**	**-3,946**	**-33%**
	Total	16,772	11,899	-4,873	-29%
Manhattan - Bronx Crossings (MBX)	Bronx-Bound	60,195	61,750	1,555	3%
	Manhattan-Bound	**72,895**	**77,798**	**4,903**	**7%**
	Total	133,090	139,548	6,458	5%

Free and Tolled Facility Summary

East River Crossings - NYC & MTA	**West_Bound**	**60,045**	**74,762**	**14,717**	**25%**
	East-Bound	36,052	51,995	15,943	44%
** Free Bridges **	Total	96,097	126,757	30,660	32%
East River Crossings - MTA	**West-Bound**	**35,289**	**35,840**	**551**	**2%**
	East-Bound	14,349	14,196	-153	-1%
** Tolled Bridges & Tunnels **	Total	49,638	50,035	397	1%
Verrazano Narrows Bridge - MTA	West-Bound	15,899	21,675	5,776	36%
	East-Bound	**30,723**	**37,542**	**6,819**	**22%**
** Tolled Bridge**	Total	46,622	59,217	12,595	27%
East River Crossings - NYC & MTA	**West-Bound**	**111,233**	**132,276**	**21,043**	**19%**
	East-Bound	81,124	103,733	22,609	28%
** All Bridges & Tunnels **	Total	192,357	236,009	43,652	23%

Major Crossing Cordon Summary

Bronx- Manhattan Crossings	Bronx-Bound	55,203	57,684	2,481	4%
** Free Bridges **	**Manhattan-Bound**	**61,115**	**69,964**	**8,849**	**14%**
	Total	116,318	127,648	11,330	10%
Henry Hudson Bridge - MTA	North-Bound	4,992	4,065	-927	-19%
**Tolled Bridge **	**South-Bound**	**11,780**	**7,834**	**-3,946**	**-33%**
	Total	16,772	11,899	-4,873	-29%
Bronx- Manhattan Crossings	Bronx-Bound	60,195	61,750	1,555	3%
** All Bridges **	**Manhattan-Bound**	**72,895**	**77,798**	**4,903**	**7%**
	Total	133,090	139,548	6,458	5%
Bronx- Queens Crossings - MTA	North-Bound	41,290	44,152	2,862	7%
	South-Bound	**34,550**	**39,425**	**4,875**	**14%**
**Tolled Bridges **	Total	75,840	83,576	7,736	10%
Mid-Hudson Bridges	West_Bound	27,266	23,835	-3,431	-13%
	East-Bound	**37,979**	**44,797**	**6,818**	**18%**
*** Tolled Bridges***	Total	65,245	68,631	3,386	5%
Hudson River Crossings -PANYNJ	West_Bound	43,043	46,391	3,348	8%
	East-Bound	**67,950**	**70,615**	**2,665**	**4%**
** Tolled Bridges & Tunnels **	Total	110,993	117,006	6,013	5%
Staten Island Bridges - PANYNJ	**West_Bound**	**19,900**	**26,432**	**6,532**	**33%**
	East-Bound	19,555	25,338	5,783	30%
** Tolled Bridges**	Total	39,455	51,771	12,316	31%

RHTS 2010 - 85S

MD - Midday Period

* bold = peak direction

	Direction	4 PM - 8 PM Counts	Flow	Model minus Counts Diff.	Percent
OUTERBRIDGE CROSSING	West-Bound	10,583	10,544	-39	0%
Middlesex - Richmond	**East-Bound**	**11,848**	**14,423**	**2,575**	**22%**
	Total	22,431	24,967	2,536	11%
GOETHALS BRIDGE	**West-Bound**	**11,708**	**10,376**	**-1,332**	**-11%**
Union - Richmond	East-Bound	12,340	12,108	-232	-2%
	Total	24,048	22,485	-1,563	-7%
BAYONNE BR|IDGE	**West-Bound**	**2,379**	**2,572**	**193**	**8%**
Hudson - Richmond	East-Bound	3,130	6,400	3,270	104%
	Total	5,509	8,972	3,463	63%
Staten Island Bridges (SIBs) - PANYNJ	**West-Bound**	**24,670**	**23,491**	**-1,179**	**-5%**
	East-Bound	27,318	32,932	5,614	21%
	Total	51,988	56,424	4,436	9%
HOLLAND TUNNEL	West-Bound	13,495	12,685	-810	-6%
Hudson - New York	**East-Bound**	**13,743**	**12,206**	**-1,537**	**-11%**
	Total	27,238	24,891	-2,347	-9%
LINCOLN TUNNEL	West-Bound	17,412	13,599	-3,813	-22%
Hudson - New York	**East-Bound**	**17,396**	**16,112**	**-1,284**	**-7%**
	Total	34,808	29,711	-5,097	-15%
G WASHINGTON BRIDGE	West-Bound	43,598	43,904	306	1%
Bergen - New York	**East-Bound**	**42,467**	**44,018**	**1,551**	**4%**
	Total	86,065	87,922	1,857	2%
Hudson River Crossings (HRX) -PANYNJ	West-Bound	74,505	70,188	-4,317	-6%
	East-Bound	**73,606**	**72,336**	**-1,270**	**-2%**
	Total	148,111	142,523	-5,588	-4%
TAPPAN ZEE BRIDGE	West-Bound	20,045	15,982	-4,063	-20%
Rockland - Westchester	**East-Bound**	**20,154**	**15,930**	**-4,224**	**-21%**
	Total	40,199	31,912	-8,287	-21%
MOUNTAIN BRIDGE RD	West-Bound	2,642	3,849	1,207	46%
Orange - Westchester	**East-Bound**	**2,791**	**4,558**	**1,767**	**63%**
	Total	5,433	8,408	2,975	55%
NEWBURGH BEACON BRIDGE	West-Bound	11,104	12,324	1,220	11%
Orange - Westchester	**East-Bound**	**11,292**	**13,024**	**1,732**	**15%**
	Total	22,396	25,347	2,951	13%
Mid-Hudson Bridges (MHB)	West-Bound	33,791	32,155	-1,636	-5%
Orange - Dutchess	**East-Bound**	**34,237**	**33,512**	**-725**	**-2%**
	Total	68,028	65,666	-2,362	-3%
VERRAZANO BRIDGE	West-Bound	30,045	23,488	-6,557	-22%
Kings - Richmond	**East-Bound**	**29,579**	**27,470**	**-2,109**	**-7%**
	Total	59,624	50,958	-8,666	-15%
BROOKLYN BATTERY TUNNEL - MTA	**West-Bound**	**8,712**	**3,226**	**-5,486**	**-63%**
Kings - New York	East-Bound	7,405	2,249	-5,156	-70%
	Total	16,117	5,475	-10,642	-66%
BROOKLYN BRIDGE (F)	**West-Bound**	**17,836**	**20,733**	**2,897**	**16%**
Kings - New York	East-Bound	16,420	19,338	2,918	18%
	Total	34,256	40,071	5,815	17%
MANHATTAN BRIDGE (F)	**West-Bound**	**10,123**	**6,809**	**-3,314**	**-33%**
Kings - New York	East-Bound	10,175	12,532	2,357	23%
	Total	20,298	19,342	-956	-5%
WILLIAMSBURG BRIDGE	**West-Bound**	**15,847**	**17,745**	**1,898**	**12%**
Kings - New York	East-Bound	14,785	15,467	682	5%
	Total	30,632	33,212	2,580	8%
QUEENS MIDTOWN TUNNEL -MTA	**West-Bound**	**16,249**	**11,075**	**-5,174**	**-32%**
	East-Bound	13,514	12,215	-1,299	-10%
	Total	29,763	23,290	-6,473	-22%
QUEENSBORO BRIDGE (F)	**West-Bound**	**23,478**	**21,431**	**-2,047**	**-9%**
Queens - New York	East-Bound	26,336	28,917	2,581	10%
	Total	49,814	50,348	534	1%
TRIBOROUGH BRIDGE (West) -MTA	**West-Bound**	**11,229**	**10,880**	**-349**	**-3%**
Queens - New York	East-Bound	10,805	9,826	-979	-9%
	Total	22,034	20,705	-1,329	-6%
East River Crossings (ERX) - NYC & MTA	**West-Bound**	**103,474**	**91,899**	**-11,575**	**-11%**
	East-Bound	99,440	100,544	1,104	1%
	Total	202,914	192,444	-10,470	-5%
TRIBOROUGH BRIDGE (North)	**North-Bound**	**2,440**	**5,026**	**2,586**	**106%**
Bronx - New York	South-Bound	6,168	2,131	-4,037	-65%
	Total	8,608	7,157	-1,451	-17%
TRIBOROUGH BRIDGE (South)	**North-Bound**	**14,225**	**11,763**	**-2,462**	**-17%**
Bronx - Queens	South-Bound	12,903	8,179	-4,724	-37%
	Total	27,128	19,942	-7,186	-26%
BRONX WHITESTONE BRIDGE	**North-Bound**	**14,314**	**14,210**	**-104**	**-1%**
Bronx - Queens	South-Bound	17,034	17,554	520	3%
	Total	31,348	31,765	417	1%
THROGS NECK BRIDGE	**North-Bound**	**18,299**	**18,706**	**407**	**2%**
Bronx - Queens	South-Bound	18,404	16,676	-1,728	-9%
	Total	36,703	35,382	-1,321	-4%
Bronx Bridges (BB) - MTA	**North-Bound**	**49,278**	**49,706**	**428**	**1%**
	South-Bound	54,509	44,541	-9,968	-18%
	Total	103,787	94,247	-9,540	-9%

RHTS 2010 - 85S

MD - Midday Period

* bold = peak direction

	Direction	4 PM - 8 PM Counts	Flow	Model minus Counts Diff.	Percent
WILLIS AVENUE BRIDGE - NB	**North-Bound**	**15,913**	**18,065**	**2,152**	**14%**
Bronx - New York	South-Bound				
	Total	15,913	18,065	2,152	14%
3RD AVE BRIDGE - SB	North-Bound				
Bronx - New York	**South-Bound**	**17,583**	**13,107**	**-4,476**	**-25%**
	Total	17,583	13,107	-4,476	-25%
MADISON AVENUE BRIDGE	**East-Bound**	**7,044**	**8,880**	**1,836**	**26%**
Bronx - New York	West-Bound	5,485	6,082	597	11%
	Total	12,529	14,961	2,432	19%
145TH ST BRIDGE	**East-Bound**	**4,368**	**2,899**	**-1,469**	**-34%**
Bronx - New York	West-Bound	4,069	1,444	-2,625	-65%
	Total	8,437	4,343	-4,094	-49%
MACOMBS DAM BRIDGE	East-Bound	5,764	3,117	-2,647	-46%
Bronx - New York	**West-Bound**	**6,467**	**5,242**	**-1,225**	**-19%**
	Total	12,231	8,359	-3,872	-32%
CROSS BRONX EXP BRIDGE	**East-Bound**	**31,934**	**22,539**	**-9,395**	**-29%**
Bronx - New York	West-Bound	28,422	28,655	233	1%
	Total	60,356	51,194	-9,162	-15%
WASHINGTON BRIDGE	**East-Bound**	**8,165**	**4,478**	**-3,687**	**-45%**
Bronx - New York	West-Bound	7,728	2,788	-4,940	-64%
	Total	15,893	7,266	-8,627	-54%
W 207TH ST BRIDGE	East-Bound	5,308	5,129	-179	-3%
Bronx - New York	**West-Bound**	**6,829**	**4,807**	**-2,022**	**-30%**
	Total	12,137	9,936	-2,201	-18%
BROADWAY AVE BRIDGE	North-Bound	5,499	4,915	-584	-11%
Bronx - New York	**South-Bound**	**5,893**	**7,717**	**1,824**	**31%**
	Total	11,392	12,632	1,240	11%
HENRY HUDSON PKY BRIDGE	North-Bound	9,016	7,562	-1,454	-16%
Bronx - New York	**South-Bound**	**11,360**	**2,741**	**-8,619**	**-76%**
	Total	20,376	10,302	-10,074	-49%
Manhattan - Bronx Crossings (MBX)	Bronx-Bound	93,011	77,584	-15,427	-17%
	Manhattan-Bound	**93,836**	**72,582**	**-21,254**	**-23%**
	Total	186,847	150,166	-36,681	-20%

Free and Tolled Facility Summary

East River Crossings - NYC & MTA	**West_Bound**	**67,284**	**66,719**	**-565**	**-1%**
	East-Bound	67,716	76,255	8,539	13%
** Free Bridges **	Total	135,000	142,974	7,974	6%
East River Crossings - MTA	**West-Bound**	**36,190**	**25,180**	**-11,010**	**-30%**
	East-Bound	31,724	24,290	-7,434	-23%
** Tolled Bridges & Tunnels **	Total	67,914	49,470	-18,444	-27%
Verrazano Narrows Bridge - MTA	West-Bound	30,045	23,488	-6,557	-22%
	East-Bound	**29,579**	**27,470**	**-2,109**	**-7%**
** Tolled Bridge**	Total	59,624	50,958	-8,666	-15%
East River Crossings - NYC & MTA	**West-Bound**	**133,519**	**115,387**	**-18,132**	**-14%**
	East-Bound	129,019	128,015	-1,004	-1%
** All Bridges & Tunnels **	Total	262,538	243,402	-19,136	-7%

Major Crossing Cordon Summary

Bronx- Manhattan Crossings	Bronx-Bound	83,995	70,022	-13,973	-17%
** Free Bridges **	**Manhattan-Bound**	**82,476**	**69,841**	**-12,635**	**-15%**
	Total	166,471	139,863	-26,608	-16%
Henry Hudson Bridge - MTA	North-Bound	9,016	7,562	-1,454	-16%
**Tolled Bridge **	**South-Bound**	**11,360**	**2,741**	**-8,619**	**-76%**
	Total	20,376	10,302	-10,074	-49%
Bronx- Manhattan Crossings	Bronx-Bound	93,011	77,584	-15,427	-17%
** All Bridges **	**Manhattan-Bound**	**93,836**	**72,582**	**-21,254**	**-23%**
	Total	186,847	150,166	-36,681	-20%
Bronx- Queens Crossings - MTA	North-Bound	46,838	44,680	-2,158	-5%
	South-Bound	**48,341**	**42,410**	**-5,931**	**-12%**
**Tolled Bridges **	Total	95,179	87,089	-8,090	-8%
Mid-Hudson Bridges	West_Bound	33,791	32,155	-1,636	-5%
	East-Bound	**34,237**	**33,512**	**-725**	**-2%**
*** Tolled Bridges**	Total	68,028	65,666	-2,362	-3%
Hudson River Crossings -PANYNJ	West_Bound	74,505	70,188	-4,317	-6%
	East-Bound	**73,606**	**72,336**	**-1,270**	**-2%**
** Tolled Bridges & Tunnels **	Total	148,111	142,523	-5,588	-4%
Staten Island Bridges - PANYNJ	**West_Bound**	**24,670**	**23,491**	**-1,179**	**-5%**
	East-Bound	27,318	32,932	5,614	21%
** Tolled Bridges**	Total	51,988	56,424	4,436	9%

RHTS 2010 - 85S

PM Peak Periods (4-8pm)

* bold = peak direction

	Direction	4 PM - 8 PM Counts	Flow	Model minus Counts Diff.	Percent
OUTERBRIDGE CROSSING	West-Bound	9,790	11,034	1,244	13%
Middlesex - Richmond	**East-Bound**	**9,843**	**11,782**	**1,939**	**20%**
	Total	19,633	22,816	3,183	16%
GOETHALS BRIDGE	**West-Bound**	**8,045**	**8,183**	**138**	**2%**
Union - Richmond	East-Bound	10,308	13,226	2,918	28%
	Total	18,353	21,408	3,055	17%
BAYONNE BR|IDGE	**West-Bound**	**1,664**	**5,804**	**4,140**	**249%**
Hudson - Richmond	East-Bound	4,115	3,696	-419	-10%
	Total	5,779	9,500	3,721	64%
Staten Island Bridges (SIBs) - PANYNJ	**West-Bound**	**19,499**	**25,020**	**5,521**	**28%**
	East-Bound	24,266	28,704	4,438	18%
	Total	43,765	53,724	9,959	23%
HOLLAND TUNNEL	West-Bound	8,987	12,512	3,525	39%
Hudson - New York	**East-Bound**	**10,996**	**9,536**	**-1,460**	**-13%**
	Total	19,983	22,049	2,066	10%
LINCOLN TUNNEL	West-Bound	18,819	11,816	-7,003	-37%
Hudson - New York	**East-Bound**	**8,645**	**7,497**	**-1,148**	**-13%**
	Total	27,464	19,313	-8,151	-30%
G WASHINGTON BRIDGE	West-Bound	41,441	57,445	16,004	39%
Bergen - New York	**East-Bound**	**31,405**	**28,103**	**-3,302**	**-11%**
	Total	72,846	85,548	12,702	17%
Hudson River Crossings (HRX) -PANYNJ	West-Bound	69,247	81,773	12,526	18%
	East-Bound	**51,046**	**45,137**	**-5,909**	**-12%**
	Total	120,293	126,910	6,617	6%
TAPPAN ZEE BRIDGE	West-Bound	18,829	20,436	1,607	9%
Rockland - Westchester	**East-Bound**	**14,680**	**12,771**	**-1,909**	**-13%**
	Total	33,509	33,206	-303	-1%
MOUNTAIN BRIDGE RD	West-Bound	2,592	5,886	3,294	127%
Orange - Westchester	**East-Bound**	**2,534**	**5,735**	**3,201**	**126%**
	Total	5,126	11,621	6,495	127%
NEWBURGH BEACON BRIDGE	West-Bound	7,495	12,627	5,132	68%
Orange - Westchester	**East-Bound**	**8,868**	**12,000**	**3,132**	**35%**
	Total	16,363	24,627	8,264	51%
Mid-Hudson Bridges (MHB)	West-Bound	28,916	38,949	10,033	35%
Orange - Dutchess	**East-Bound**	**26,082**	**30,505**	**4,423**	**17%**
	Total	54,998	69,455	14,457	26%
VERRAZANO BRIDGE	West-Bound	30,514	27,519	-2,995	-10%
Kings - Richmond	**East-Bound**	**24,238**	**21,939**	**-2,299**	**-9%**
	Total	54,752	49,458	-5,294	-10%
BROOKLYN BATTERY TUNNEL - MTA	**West-Bound**	**4,812**	**342**	**-4,470**	**-93%**
Kings - New York	East-Bound	9,964	5,271	-4,693	-47%
	Total	14,776	5,613	-9,163	-62%
BROOKLYN BRIDGE (F)	**West-Bound**	**13,616**	**14,056**	**440**	**3%**
Kings - New York	East-Bound	13,741	16,088	2,347	17%
	Total	27,357	30,144	2,787	10%
MANHATTAN BRIDGE (F)	**West-Bound**	**6,132**	**4,715**	**-1,417**	**-23%**
Kings - New York	East-Bound	9,516	9,896	380	4%
	Total	15,648	14,612	-1,036	-7%
WILLIAMSBURG BRIDGE	**West-Bound**	**11,114**	**12,968**	**1,854**	**17%**
Kings - New York	East-Bound	12,542	13,381	839	7%
	Total	23,656	26,349	2,693	11%
QUEENS MIDTOWN TUNNEL -MTA	**West-Bound**	**10,927**	**6,435**	**-4,492**	**-41%**
	East-Bound	10,584	7,641	-2,943	-28%
	Total	21,511	14,076	-7,435	-35%
QUEENSBORO BRIDGE (F)	**West-Bound**	**15,507**	**17,874**	**2,367**	**15%**
Queens - New York	East-Bound	21,863	23,220	1,357	6%
	Total	37,370	41,093	3,723	10%
TRIBOROUGH BRIDGE (West) -MTA	**West-Bound**	**8,267**	**6,408**	**-1,859**	**-22%**
Queens - New York	East-Bound	7,867	8,249	382	5%
	Total	16,134	14,657	-1,477	-9%
East River Crossings (ERX) - NYC & MTA	**West-Bound**	**70,375**	**62,797**	**-7,578**	**-11%**
	East-Bound	86,077	83,746	-2,331	-3%
	Total	156,452	146,543	-9,909	-6%
TRIBOROUGH BRIDGE (North)	**North-Bound**	**1,681**	**1,928**	**247**	**15%**
Bronx - New York	South-Bound	4,333	598	-3,735	-86%
	Total	6,014	2,525	-3,489	-58%
TRIBOROUGH BRIDGE (South)	**North-Bound**	**9,566**	**11,463**	**1,897**	**20%**
Bronx - Queens	South-Bound	9,496	7,773	-1,723	-18%
	Total	19,062	19,236	174	1%
BRONX WHITESTONE BRIDGE	**North-Bound**	**9,778**	**11,861**	**2,083**	**21%**
Bronx - Queens	South-Bound	14,590	15,399	809	6%
	Total	24,368	27,260	2,892	12%
THROGS NECK BRIDGE	**North-Bound**	**11,920**	**15,869**	**3,949**	**33%**
Bronx - Queens	South-Bound	16,671	15,838	-833	-5%
	Total	28,591	31,706	3,115	11%
Bronx Bridges (BB) - MTA	**North-Bound**	**32,945**	**41,121**	**8,176**	**25%**
	South-Bound	45,090	39,607	-5,483	-12%
	Total	78,035	80,728	2,693	3%

RHTS 2010 - 85S

PM Peak Periods (4-8pm)

* bold = peak direction

	Direction	4 PM - 8 PM Counts	Flow	Model minus Counts Diff.	Percent
WILLIS AVENUE BRIDGE - NB	**North-Bound**	**12,519**	**16,488**	**3,969**	**32%**
Bronx - New York	South-Bound				
	Total	12,519	16,488	3,969	32%
3RD AVE BRIDGE - SB	North-Bound				
Bronx - New York	**South-Bound**	**13,051**	**13,434**	**383**	**3%**
	Total	13,051	13,434	383	3%
MADISON AVENUE BRIDGE	**East-Bound**	**6,122**	**5,462**	**-660**	**-11%**
Bronx - New York	West-Bound	4,360	2,392	-1,968	-45%
	Total	10,482	7,854	-2,628	-25%
145TH ST BRIDGE	**East-Bound**	**4,710**	**638**	**-4,072**	**-86%**
Bronx - New York	West-Bound	3,225	443	-2,782	-86%
	Total	7,935	1,082	-6,853	-86%
MACOMBS DAM BRIDGE	East-Bound	4,204	2,414	-1,790	-43%
Bronx - New York	**West-Bound**	**4,456**	**6,601**	**2,145**	**48%**
	Total	8,660	9,015	355	4%
CROSS BRONX EXP BRIDGE	**East-Bound**	**18,484**	**14,951**	**-3,533**	**-19%**
Bronx - New York	West-Bound	18,695	30,670	11,975	64%
	Total	37,179	45,620	8,441	23%
WASHINGTON BRIDGE	**East-Bound**	**7,403**	**2,796**	**-4,607**	**-62%**
Bronx - New York	West-Bound	6,269	5,178	-1,091	-17%
	Total	13,672	7,974	-5,698	-42%
W 207TH ST BRIDGE	East-Bound	3,798	4,711	913	24%
Bronx - New York	**West-Bound**	**4,504**	**5,196**	**692**	**15%**
	Total	8,302	9,907	1,605	19%
BROADWAY AVE BRIDGE	North-Bound	5,509	4,809	-700	-13%
Bronx - New York	**South-Bound**	**4,923**	**5,854**	**931**	**19%**
	Total	10,432	10,662	230	2%
HENRY HUDSON PKY BRIDGE	North-Bound	11,174	8,811	-2,363	-21%
Bronx - New York	**South-Bound**	**10,036**	**5,237**	**-4,799**	**-48%**
	Total	21,210	14,048	-7,162	-34%
Manhattan - Bronx Crossings (MBX)	Bronx-Bound	73,923	61,080	-12,843	-17%
	Manhattan-Bound	**69,519**	**75,004**	**5,485**	**8%**
	Total	143,442	136,084	-7,358	-5%

Free and Tolled Facility Summary

East River Crossings - NYC & MTA	**West_Bound**	**46,369**	**49,612**	**3,243**	**7%**
	East-Bound	57,662	62,585	4,923	9%
** Free Bridges **	Total	104,031	112,198	8,167	8%
East River Crossings - MTA	**West-Bound**	**24,006**	**13,184**	**-10,822**	**-45%**
	East-Bound	28,415	21,161	-7,254	-26%
** Tolled Bridges & Tunnels **	Total	52,421	34,346	-18,075	-34%
Verrazano Narrows Bridge - MTA	West-Bound	30,514	27,519	-2,995	-10%
	East-Bound	**24,238**	**21,939**	**-2,299**	**-9%**
** Tolled Bridge**	Total	54,752	49,458	-5,294	-10%
East River Crossings - NYC & MTA	**West-Bound**	**100,889**	**90,316**	**-10,573**	**-10%**
	East-Bound	110,315	105,685	-4,630	-4%
** All Bridges & Tunnels **	Total	211,204	196,001	-15,203	-7%

Major Crossing Cordon Summary

Bronx- Manhattan Crossings	Bronx-Bound	62,749	52,268	-10,481	-17%
** Free Bridges **	**Manhattan-Bound**	**59,483**	**69,767**	**10,284**	**17%**
	Total	122,232	122,036	-196	0%
Henry Hudson Bridge - MTA	North-Bound	11,174	8,811	-2,363	-21%
**Tolled Bridge **	**South-Bound**	**10,036**	**5,237**	**-4,799**	**-48%**
	Total	21,210	14,048	-7,162	-34%
Bronx- Manhattan Crossings	Bronx-Bound	73,923	61,080	-12,843	-17%
** All Bridges **	**Manhattan-Bound**	**69,519**	**75,004**	**5,485**	**8%**
	Total	143,442	136,084	-7,358	-5%
Bronx- Queens Crossings - MTA	North-Bound	31,264	39,193	7,929	25%
	South-Bound	**40,757**	**39,009**	**-1,748**	**-4%**
**Tolled Bridges **	Total	72,021	78,202	6,181	9%
Mid-Hudson Bridges	West_Bound	28,916	38,949	10,033	35%
	East-Bound	**26,082**	**30,505**	**4,423**	**17%**
*** Tolled Bridges***	Total	54,998	69,455	14,457	26%
Hudson River Crossings -PANYNJ	West_Bound	69,247	81,773	12,526	18%
	East-Bound	**51,046**	**45,137**	**-5,909**	**-12%**
** Tolled Bridges & Tunnels **	Total	120,293	126,910	6,617	6%
Staten Island Bridges - PANYNJ	**West_Bound**	**19,499**	**25,020**	**5,521**	**28%**
	East-Bound	24,266	28,704	4,438	18%
** Tolled Bridges**	Total	43,765	53,724	9,959	23%

RHTS 2010 - 85S

NT - Night and Early Morning

8PM - 6 AM

* bold = peak direction

	Direction	Counts	Flow	Model minus Counts Diff.	Percent
OUTERBRIDGE CROSSING	West-Bound	7,884	3,397	-4,487	-57%
Middlesex - Richmond	**East-Bound**	**8,385**	**8,288**	**-97**	**-1%**
	Total	16,269	11,685	-4,584	-28%
GOETHALS BRIDGE	**West-Bound**	**5,734**	**3,677**	**-2,057**	**-36%**
Union - Richmond	East-Bound	8,769	6,151	-2,618	-30%
	Total	14,503	9,828	-4,675	-32%
BAYONNE BR|IDGE	**West-Bound**	**1,394**	**1,527**	**133**	**10%**
Hudson - Richmond	East-Bound	2,149	2,653	504	23%
	Total	3,543	4,180	637	18%
Staten Island Bridges (SIBs) - PANYNJ	**West-Bound**	**15,012**	**8,601**	**-6,411**	**-43%**
	East-Bound	19,303	17,092	-2,211	-11%
	Total	34,315	25,692	-8,623	-25%
HOLLAND TUNNEL	West-Bound	13,219	15,075	1,856	14%
Hudson - New York	**East-Bound**	**11,172**	**8,256**	**-2,916**	**-26%**
	Total	24,391	23,331	-1,060	-4%
LINCOLN TUNNEL	West-Bound	18,569	12,935	-5,634	-30%
Hudson - New York	**East-Bound**	**13,256**	**7,613**	**-5,643**	**-43%**
	Total	31,825	20,548	-11,277	-35%
G WASHINGTON BRIDGE	West-Bound	38,903	25,491	-13,412	-34%
Bergen - New York	**East-Bound**	**30,660**	**25,035**	**-5,625**	**-18%**
	Total	69,563	50,527	-19,036	-27%
Hudson River Crossings (HRX) -PANYNJ	West-Bound	70,691	53,501	-17,190	-24%
	East-Bound	**55,088**	**40,905**	**-14,183**	**-26%**
	Total	125,779	94,406	-31,373	-25%
TAPPAN ZEE BRIDGE	West-Bound	9,843	6,346	-3,497	-36%
Rockland - Westchester	**East-Bound**	**9,617**	**3,830**	**-5,787**	**-60%**
	Total	19,460	10,176	-9,284	-48%
MOUNTAIN BRIDGE RD	West-Bound	973	558	-415	-43%
Orange - Westchester	**East-Bound**	**1,515**	**1,501**	**-14**	**-1%**
	Total	2,488	2,059	-429	-17%
NEWBURGH BEACON BRIDGE	West-Bound	6,859	5,767	-1,092	-16%
Orange - Westchester	**East-Bound**	**6,474**	**6,236**	**-238**	**-4%**
	Total	13,333	12,003	-1,330	-10%
Mid-Hudson Bridges (MHB)	West-Bound	17,675	12,671	-5,004	-28%
Orange - Dutchess	**East-Bound**	**17,606**	**11,567**	**-6,039**	**-34%**
	Total	35,281	24,238	-11,043	-31%
VERRAZANO BRIDGE	West-Bound	21,564	12,533	-9,031	-42%
Kings - Richmond	**East-Bound**	**22,247**	**19,896**	**-2,351**	**-11%**
	Total	43,811	32,430	-11,381	-26%
BROOKLYN BATTERY TUNNEL - MTA	**West-Bound**	**3,110**	**17**	**-3,093**	**-99%**
Kings - New York	East-Bound	6,787	2,678	-4,109	-61%
	Total	9,897	2,695	-7,202	-73%
BROOKLYN BRIDGE (F)	**West-Bound**	**17,534**	**11,279**	**-6,255**	**-36%**
Kings - New York	East-Bound	19,977	17,762	-2,215	-11%
	Total	37,511	29,041	-8,470	-23%
MANHATTAN BRIDGE (F)	**West-Bound**	**10,203**	**4,865**	**-5,338**	**-52%**
Kings - New York	East-Bound	12,373	4,194	-8,179	-66%
	Total	22,576	9,059	-13,517	-60%
WILLIAMSBURG BRIDGE	**West-Bound**	**17,430**	**13,207**	**-4,223**	**-24%**
Kings - New York	East-Bound	18,743	10,225	-8,518	-45%
	Total	36,173	23,432	-12,741	-35%
QUEENS MIDTOWN TUNNEL -MTA	**West-Bound**	**7,362**	**2,243**	**-5,119**	**-70%**
	East-Bound	10,405	11,035	630	6%
	Total	17,767	13,278	-4,489	-25%
QUEENSBORO BRIDGE (F)	**West-Bound**	**23,798**	**12,486**	**-11,312**	**-48%**
Queens - New York	East-Bound	32,122	21,624	-10,498	-33%
	Total	55,920	34,109	-21,811	-39%
TRIBOROUGH BRIDGE (West) -MTA	**West-Bound**	**5,967**	**1,497**	**-4,470**	**-75%**
Queens - New York	East-Bound	6,594	8,099	1,505	23%
	Total	12,561	9,596	-2,965	-24%
East River Crossings (ERX) - NYC & MTA	**West-Bound**	**85,404**	**45,594**	**-39,810**	**-47%**
	East-Bound	107,001	75,616	-31,385	-29%
	Total	192,405	121,210	-71,195	-37%
TRIBOROUGH BRIDGE (North)	**North-Bound**	**1,429**	**3,901**	**2,472**	**173%**
Bronx - New York	South-Bound	2,216	1	-2,215	-100%
	Total	3,645	3,902	257	7%
TRIBOROUGH BRIDGE (South)	**North-Bound**	**7,951**	**1,592**	**-6,359**	**-80%**
Bronx - Queens	South-Bound	10,661	1,197	-9,464	-89%
	Total	18,612	2,789	-15,823	-85%
BRONX WHITESTONE BRIDGE	**North-Bound**	**10,796**	**5,193**	**-5,603**	**-52%**
Bronx - Queens	South-Bound	12,266	5,430	-6,836	-56%
	Total	23,062	10,623	-12,439	-54%
THROGS NECK BRIDGE	**North-Bound**	**10,044**	**10,856**	**812**	**8%**
Bronx - Queens	South-Bound	11,856	12,738	882	7%
	Total	21,900	23,594	1,694	8%
Bronx Bridges (BB) - MTA	**North-Bound**	**30,220**	**21,542**	**-8,678**	**-29%**
	South-Bound	36,999	19,366	-17,633	-48%
	Total	67,219	40,908	-26,311	-39%

RHTS 2010 - 85S

NT - Night and Early Morning

8PM - 6 AM

* bold = peak direction

	Direction	Counts	Flow	Model minus Counts Diff.	Percent
WILLIS AVENUE BRIDGE - NB	**North-Bound**	**16,879**	**11,150**	**-5,729**	**-34%**
Bronx - New York	South-Bound				
	Total	16,879	11,150	-5,729	-34%
3RD AVE BRIDGE - SB	North-Bound				
Bronx - New York	**South-Bound**	**15,882**	**10,361**	**-5,521**	**-35%**
	Total	15,882	10,361	-5,521	-35%
MADISON AVENUE BRIDGE	**East-Bound**	**6,770**	**2,728**	**-4,042**	**-60%**
Bronx - New York	West-Bound	3,837	2,437	-1,400	-36%
	Total	10,607	5,165	-5,442	-51%
145TH ST BRIDGE	**East-Bound**	**3,238**	**222**	**-3,016**	**-93%**
Bronx - New York	West-Bound	2,986	282	-2,704	-91%
	Total	6,224	504	-5,720	-92%
MACOMBS DAM BRIDGE	East-Bound	5,060	1,828	-3,232	-64%
Bronx - New York	**West-Bound**	**4,925**	**1,199**	**-3,726**	**-76%**
	Total	9,985	3,027	-6,958	-70%
CROSS BRONX EXP BRIDGE	**East-Bound**	**28,888**	**16,756**	**-12,132**	**-42%**
Bronx - New York	West-Bound	25,681	14,702	-10,979	-43%
	Total	54,569	31,458	-23,111	-42%
WASHINGTON BRIDGE	**East-Bound**	**6,837**	**2,222**	**-4,615**	**-67%**
Bronx - New York	West-Bound	5,363	1,496	-3,867	-72%
	Total	12,200	3,718	-8,482	-70%
W 207TH ST BRIDGE	East-Bound	5,467	4,002	-1,465	-27%
Bronx - New York	**West-Bound**	**5,138**	**1,525**	**-3,613**	**-70%**
	Total	10,605	5,527	-5,078	-48%
BROADWAY AVE BRIDGE	North-Bound	3,658	5,858	2,200	60%
Bronx - New York	**South-Bound**	**3,944**	**1,398**	**-2,546**	**-65%**
	Total	7,602	7,255	-347	-5%
HENRY HUDSON PKY BRIDGE	North-Bound	7,392	2,170	-5,222	-71%
Bronx - New York	**South-Bound**	**3,888**	**393**	**-3,495**	**-90%**
	Total	11,280	2,562	-8,718	-77%
Manhattan - Bronx Crossings (MBX)	Bronx-Bound	84,189	46,935	-37,254	-44%
	Manhattan-Bound	**71,644**	**33,793**	**-37,851**	**-53%**
	Total	155,833	80,728	-75,105	-48%

Free and Tolled Facility Summary

East River Crossings - NYC & MTA	**West_Bound**	**68,965**	**41,837**	**-27,128**	**-39%**
	East-Bound	83,215	53,804	-29,411	-35%
** Free Bridges **	Total	152,180	95,641	-56,539	-37%
East River Crossings - MTA	**West-Bound**	**16,439**	**3,757**	**-12,682**	**-77%**
	East-Bound	23,786	21,812	-1,974	-8%
** Tolled Bridges & Tunnels **	Total	40,225	25,569	-14,656	-36%
Verrazano Narrows Bridge - MTA	West-Bound	21,564	12,533	-9,031	-42%
	East-Bound	**22,247**	**19,896**	**-2,351**	**-11%**
** Tolled Bridge**	Total	43,811	32,430	-11,381	-26%
East River Crossings - NYC & MTA	**West-Bound**	**106,968**	**58,127**	**-48,841**	**-46%**
	East-Bound	129,248	95,513	-33,735	-26%
** All Bridges & Tunnels **	Total	236,216	153,640	-82,576	-35%

Major Crossing Cordon Summary

Bronx- Manhattan Crossings	Bronx-Bound	76,797	44,765	-32,032	-42%
** Free Bridges **	**Manhattan-Bound**	**67,756**	**33,401**	**-34,355**	**-51%**
	Total	144,553	78,166	-66,387	-46%
Henry Hudson Bridge - MTA	North-Bound	7,392	2,170	-5,222	-71%
**Tolled Bridge **	**South-Bound**	**3,888**	**393**	**-3,495**	**-90%**
	Total	11,280	2,562	-8,718	-77%
Bronx- Manhattan Crossings	Bronx-Bound	84,189	46,935	-37,254	-44%
** All Bridges **	**Manhattan-Bound**	**71,644**	**33,793**	**-37,851**	**-53%**
	Total	155,833	80,728	-75,105	-48%
Bronx- Queens Crossings - MTA	North-Bound	28,791	17,641	-11,150	-39%
	South-Bound	**34,783**	**19,365**	**-15,418**	**-44%**
**Tolled Bridges **	Total	63,574	37,006	-26,568	-42%
Mid-Hudson Bridges	West_Bound	17,675	12,671	-5,004	-28%
	East-Bound	**17,606**	**11,567**	**-6,039**	**-34%**
*** Tolled Bridges***	Total	35,281	24,238	-11,043	-31%
Hudson River Crossings -PANYNJ	West_Bound	70,691	53,501	-17,190	-24%
	East-Bound	**55,088**	**40,905**	**-14,183**	**-26%**
** Tolled Bridges & Tunnels **	Total	125,779	94,406	-31,373	-25%
Staten Island Bridges - PANYNJ	**West_Bound**	**15,012**	**8,601**	**-6,411**	**-43%**
	East-Bound	19,303	17,092	-2,211	-11%
** Tolled Bridges**	Total	34,315	25,692	-8,623	-25%

NYBPM 2010 - 102C

DY Total Weekday

* bold = peak direction

	Direction	Daily Counts	Flow	Model minus Counts Diff.	Percent
OUTERBRIDGE CROSSING	West-Bound	35,561	31,724	-3,837	-11%
Middlesex - Richmond	**East-Bound**	**39,724**	**38,286**	**-1,438**	**-4%**
	Total	75,285	70,010	-5,275	-7%
GOETHALS BRIDGE	**West-Bound**	**34,608**	**35,225**	**617**	**2%**
Union - Richmond	East-Bound	39,470	45,050	5,580	14%
	Total	74,078	80,276	6,198	8%
BAYONNE BR|IDGE	**West-Bound**	**8,912**	**12,636**	**3,724**	**42%**
Hudson - Richmond	East-Bound	11,248	19,581	8,333	74%
	Total	20,160	32,217	12,057	60%
Staten Island Bridges (SIBs) - PANYNJ	**West-Bound**	**79,081**	**79,585**	**504**	**1%**
	East-Bound	90,442	102,917	12,475	14%
	Total	169,523	182,502	12,979	8%
HOLLAND TUNNEL	West-Bound	45,435	54,857	9,422	21%
Hudson - New York	**East-Bound**	**47,827**	**47,212**	**-615**	**-1%**
	Total	93,262	102,069	8,807	9%
LINCOLN TUNNEL	West-Bound	61,973	57,156	-4,817	-8%
Hudson - New York	**East-Bound**	**57,542**	**56,884**	**-658**	**-1%**
	Total	119,515	114,040	-5,475	-5%
G WASHINGTON BRIDGE - Total	West-Bound	150,078	168,565	18,487	12%
Bergen - New York	**East-Bound**	**142,321**	**150,272**	**7,951**	**6%**
	Total	292,399	318,837	26,438	9%
Hudson River Crossings (HRX) -PANYNJ	West-Bound	257,486	280,579	23,093	9%
	East-Bound	**247,690**	**254,367**	**6,677**	**3%**
	Total	505,176	534,946	29,770	6%
TAPPAN ZEE BRIDGE	West-Bound	60,210	48,728	-11,482	-19%
Rockland - Westchester	**East-Bound**	**69,166**	**65,122**	**-4,044**	**-6%**
	Total	129,376	113,850	-15,526	-12%
MOUNTAIN BRIDGE	West-Bound	8,426	13,167	4,741	56%
Orange - Westchester	**East-Bound**	**9,892**	**14,581**	**4,689**	**47%**
	Total	18,318	27,748	9,430	51%
NEWBURGH BEACON BRIDGE	West-Bound	39,012	43,278	4,266	11%
Orange - Westchester	**East-Bound**	**36,846**	**42,625**	**5,779**	**16%**
	Total	75,858	85,903	10,045	13%
Mid-Hudson Bridges (MHB)	West-Bound	107,648	105,173	-2,475	-2%
Orange - Dutchess	**East-Bound**	**115,904**	**122,328**	**6,424**	**6%**
	Total	223,552	227,501	3,949	2%
VERRAZANO BRIDGE	West-Bound	98,022	81,845	-16,177	-17%
Kings - Richmond	**East-Bound**	**106,787**	**105,077**	**-1,710**	**-2%**
	Total	204,809	186,922	-17,887	-9%
BROOKLYN BATTERY TUNNEL - MTA	**West-Bound**	**27,543**	**24,810**	**-2,733**	**-10%**
Kings - New York	East-Bound	26,719	17,475	-9,244	-35%
	Total	54,262	42,285	-11,977	-22%
BROOKLYN BRIDGE (F)	**West-Bound**	**63,306**	**66,207**	**2,901**	**5%**
Kings - New York	East-Bound	60,334	62,095	1,761	3%
	Total	123,640	128,303	4,663	4%
MANHATTAN BRIDGE (F)	**West-Bound**	**36,815**	**44,064**	**7,249**	**20%**
Kings - New York	East-Bound	37,965	44,268	6,303	17%
	Total	74,780	88,332	13,552	18%
WILLIAMSBURG BRIDGE	**West-Bound**	**56,969**	**61,148**	**4,179**	**7%**
Kings - New York	East-Bound	54,220	55,534	1,314	2%
	Total	111,189	116,682	5,493	5%
QUEENS MIDTOWN TUNNEL -MTA	**West-Bound**	**48,797**	**38,045**	**-10,752**	**-22%**
	East-Bound	39,944	34,901	-5,043	-13%
	Total	88,741	72,946	-15,795	-18%
QUEENSBORO BRIDGE (F)	**West-Bound**	**85,573**	**80,527**	**-5,046**	**-6%**
Queens - New York	East-Bound	92,126	100,594	8,468	9%
	Total	177,699	181,122	3,423	2%
TRIBOROUGH BRIDGE (West) -MTA	**West-Bound**	**35,584**	**31,596**	**-3,988**	**-11%**
Queens - New York	East-Bound	31,611	32,732	1,121	4%
	Total	67,195	64,329	-2,866	-4%
East River Crossings (ERX) - NYC & MTA	**West-Bound**	**354,587**	**346,398**	**-8,189**	**-2%**
	East-Bound	342,919	347,600	4,681	1%
	Total	697,506	693,998	-3,508	-1%
TRIBOROUGH BRIDGE (North)	**North-Bound**	**7,451**	**3,914**	**-3,537**	**-47%**
Bronx - New York	South-Bound	17,384	3,509	-13,875	-80%
	Total	24,835	7,423	-17,412	-70%
TRIBOROUGH BRIDGE (South)	**North-Bound**	**42,242**	**47,106**	**4,864**	**12%**
Bronx - Queens	South-Bound	43,563	36,102	-7,461	-17%
	Total	85,805	83,209	-2,596	-3%
BRONX WHITESTONE BRIDGE	**North-Bound**	**48,186**	**57,775**	**9,589**	**20%**
Bronx - Queens	South-Bound	56,029	71,806	15,777	28%
	Total	104,215	129,581	25,366	24%
THROGS NECK BRIDGE	**North-Bound**	**57,755**	**73,375**	**15,620**	**27%**
Bronx - Queens	South-Bound	58,839	71,611	12,772	22%
	Total	116,594	144,986	28,392	24%
Bronx Bridges (BB) - MTA	**North-Bound**	**155,634**	**182,170**	**26,536**	**17%**
	South-Bound	175,815	183,028	7,213	4%
	Total	331,449	365,198	33,749	10%

NYBPM 2010 - 102C

DY Total Weekday

* bold = peak direction

	Direction	Daily Counts	Flow	Model minus Counts Diff.	Percent
WILLIS AVENUE BRIDGE - NB	**North-Bound**	**56,934**	**62,364**	**5,430**	**10%**
Bronx - New York	South-Bound				
	Total	56,934	62,364	5,430	10%
3RD AVE BRIDGE - SB	North-Bound				
Bronx - New York	**South-Bound**	**60,549**	**64,167**	**3,618**	**6%**
	Total	60,549	64,167	3,618	6%
MADISON AVENUE BRIDGE	**East-Bound**	**24,029**	**24,985**	**956**	**4%**
Bronx - New York	West-Bound	18,937	20,440	1,503	8%
	Total	42,966	45,425	2,459	6%
145TH ST BRIDGE	**East-Bound**	**15,043**	**4,517**	**-10,526**	**-70%**
Bronx - New York	West-Bound	13,706	7,152	-6,554	-48%
	Total	28,749	11,669	-17,080	-59%
MACOMBS DAM BRIDGE	East-Bound	18,755	17,195	-1,560	-8%
Bronx - New York	**West-Bound**	**20,872**	**22,846**	**1,974**	**9%**
	Total	39,627	40,042	415	1%
CROSS BRONX EXP BRIDGE	**East-Bound**	**100,711**	**80,852**	**-19,859**	**-20%**
Bronx - New York	West-Bound	91,502	98,362	6,860	7%
	Total	192,213	179,214	-12,999	-7%
WASHINGTON BRIDGE	**East-Bound**	**27,764**	**27,966**	**202**	**1%**
Bronx - New York	West-Bound	24,250	22,898	-1,352	-6%
	Total	52,014	50,864	-1,150	-2%
W 207TH ST BRIDGE	East-Bound	17,764	20,523	2,759	16%
Bronx - New York	**West-Bound**	**21,466**	**25,029**	**3,563**	**17%**
	Total	39,230	45,551	6,321	16%
BROADWAY AVE BRIDGE	North-Bound	17,744	20,426	2,682	15%
Bronx - New York	**South-Bound**	**19,548**	**23,496**	**3,948**	**20%**
	Total	37,292	43,922	6,630	18%
HENRY HUDSON PKY BRIDGE	North-Bound	32,574	22,129	-10,445	-32%
Bronx - New York	**South-Bound**	**37,064**	**19,911**	**-17,153**	**-46%**
	Total	69,638	42,040	-27,598	-40%
Manhattan - Bronx Crossings (MBX)	Bronx-Bound	311,318	280,957	-30,361	-10%
	Manhattan-Bound	**307,894**	**304,301**	**-3,593**	**-1%**
	Total	619,212	585,258	-33,954	-5%

Free and Tolled Facility Summary

East River Crossings - NYC & MTA	**West_Bound**	**242,663**	**251,946**	**9,283**	**4%**
	East-Bound	244,645	262,492	17,847	7%
** Free Bridges **	Total	487,308	514,438	27,130	6%
East River Crossings - MTA	**West-Bound**	**111,924**	**94,452**	**-17,472**	**-16%**
	East-Bound	98,274	85,108	-13,166	-13%
** Tolled Bridges & Tunnels **	Total	210,198	179,560	-30,638	-15%
Verrazano Narrows Bridge - MTA	West-Bound	98,022	81,845	-16,177	-17%
	East-Bound	**106,787**	**105,077**	**-1,710**	**-2%**
** Tolled Bridge**	Total	204,809	186,922	-17,887	-9%
East River Crossings - NYC & MTA	**West-Bound**	**452,609**	**428,244**	**-24,365**	**-5%**
	East-Bound	449,706	452,677	2,971	1%
** All Bridges & Tunnels **	Total	902,315	880,921	-21,394	-2%

Major Crossing Cordon Summary

Bronx- Manhattan Crossings	Bronx-Bound	278,744	258,828	-19,916	-7%
** Free Bridges **	**Manhattan-Bound**	**270,830**	**284,390**	**13,560**	**5%**
	Total	549,574	543,218	-6,356	-1%
Henry Hudson Bridge - MTA	North-Bound	32,574	22,129	-10,445	-32%
**Tolled Bridge **	**South-Bound**	**37,064**	**19,911**	**-17,153**	**-46%**
	Total	69,638	42,040	-27,598	-40%
Bronx- Manhattan Crossings	Bronx-Bound	311,318	280,957	-30,361	-10%
** All Bridges **	**Manhattan-Bound**	**307,894**	**304,301**	**-3,593**	**-1%**
	Total	619,212	585,258	-33,954	-5%
Bronx- Queens Crossings - MTA	North-Bound	148,183	178,256	30,073	20%
	South-Bound	**158,431**	**179,519**	**21,088**	**13%**
**Tolled Bridges **	Total	306,614	357,775	51,161	17%
Mid-Hudson Bridges	West_Bound	107,648	105,173	-2,475	-2%
	East-Bound	**115,904**	**122,328**	**6,424**	**6%**
** *Tolled Bridges***	Total	223,552	227,501	3,949	2%
Hudson River Crossings -PANYNJ	West_Bound	257,486	280,579	23,093	9%
	East-Bound	**247,690**	**254,367**	**6,677**	**3%**
** Tolled Bridges & Tunnels **	Total	505,176	534,946	29,770	6%
Staten Island Bridges - PANYNJ	**West_Bound**	**79,081**	**79,585**	**504**	**1%**
	East-Bound	90,442	102,917	12,475	14%
** Tolled Bridges**	East-Bound	169,523	182,502	12,979	8%

REPORT 6B - PANYNJ Crossings - Vehicle Class Breakdown

EASTBOUND DIRECTION
Counts and Assigned Volumes

Scenario NYBPM 2010 - 102C

	Average October 2010 Counts - PANYNJ						NYBPM 2010 Update					
G.W. Bridge	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	34,349		3,067		373	**37,789**	36,293	34,870	3,117	1,423	373	**39,783**
MD	38,168		3,815		484	**42,467**	38,865	36,680	4,337	2,185	484	**43,685**
PM (4-8 pm)	29,553		1,434		418	**31,405**	31,187	30,494	1,893	693	346	**33,426**
NT	25,609		4,789		262	**30,660**	29,526	28,760	3,574	766	213	**33,312**
	127,679	**0**	**13,105**	**0**	**1,537**	**142,321**	**135,870**	**130,803**	**12,921**	**5,067**	**1,416**	**150,207**
Lincoln	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	14,065		1,391		2,789	**18,245**	11,889	11,421	684	468	2,358	**14,932**
MD	14,844		934		1,618	**17,396**	15,064	13,944	1,514	1,120	1,618	**18,195**
PM (4-8 pm)	6,787		233		1,625	**8,645**	6,596	6,273	606	323	1,625	**8,827**
NT	11,029		1,248		979	**13,256**	12,302	11,671	1,648	632	979	**14,930**
	46,725	**0**	**3,806**	**0**	**7,011**	**57,542**	**45,851**	**43,309**	**4,452**	**2,542**	**6,580**	**56,884**
Holland	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	11,391		297		228	**11,916**	10,659	10,277	599	382	160	**11,418**
MD	13,195		331		217	**13,743**	12,282	11,427	872	854	8	**13,161**
PM (4-8 pm)	10,605		112		279	**10,996**	9,610	9,181	334	429	8	**9,952**
NT	10,708		332		132	**11,172**	12,135	11,506	530	629	16	**12,681**
	45,899	**0**	**1,072**	**0**	**856**	**47,827**	**44,685**	**42,392**	**2,335**	**2,294**	**192**	**47,212**
									91			
Goethals	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	6,496		1,478		79	**8,053**	9,702	9,497	752	205	79	**10,533**
MD	10,396		1,854		90	**12,340**	11,493	11,146	1,205	347	90	**12,787**
PM (4-8 pm)	9,704		463		141	**10,308**	10,847	10,750	467	98	141	**11,456**
NT *	7,619		1,094		56	**8,769**	8,901	8,752	1,317	149	56	**10,274**
	34,215	**0**	**4,889**	**0**	**366**	**39,470**	**40,943**	**40,144**	**3,741**	**799**	**366**	**45,050**
									10			
Outerbridge	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	8,824		804		20	**9,648**	9,178	8,823	743	355	0	**9,921**
MD	10,768		1,050		30	**11,848**	9,118	8,466	1,183	652	0	**10,301**
PM (4-8 pm)	9,480		308		55	**9,843**	9,873	9,687	429	185	0	**10,301**
NT	7,400		948		37	**8,385**	7,084	6,909	679	175	0	**7,762**
	36,472	**0**	**3,110**	**0**	**142**	**39,724**	**35,253**	**33,886**	**3,033**	**1,367**	**0**	**38,286**
									975			
Bayonne	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	1,472		342		40	**1,854**	3,292	3,125	1,126	166	0	**4,417**
MD	2,626		482		22	**3,130**	4,162	3,899	1,559	264	0	**5,722**
PM (4-8 pm)	3,931		158		26	**4,115**	5,315	5,242	534	73	0	**5,849**
NT	1,900		238		11	**2,149**	2,979	2,916	614	63	0	**3,593**
	9,929	**0**	**1,220**	**0**	**99**	**11,248**	**15,748**	**15,181**	**3,833**	**566**	**0**	**19,581**
3 HRX	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	59,805	0	4,755	0	3,390	**67,950**	58,840	56,568	4,401	2,272	2,891	**66,132**
MD	66,207	0	5,080	0	2,319	**73,606**	66,210	62,051	6,722	4,159	2,110	**75,042**
PM (4-8 pm)	46,945	0	1,779	0	2,322	**51,046**	47,393	45,948	2,833	1,445	1,979	**52,205**
NT	47,346	0	6,369	0	1,373	**55,088**	53,963	51,936	5,752	2,026	1,208	**60,923**
	220,303	**0**	**17,983**	**0**	**9,404**	**247,690**	**226,407**	**216,504**	**19,708**	**9,902**	**8,188**	**254,302**
3 SIBS	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	16,792	0	2,624	0	139	**19,555**	22,172	21,445	2,621	727	79	**24,872**
MD	23,790	0	3,386	0	142	**27,318**	24,773	23,511	3,947	1,262	90	**28,810**
PM (4-8 pm)	23,115	0	929	0	222	**24,266**	26,035	25,678	1,430	357	141	**27,606**
NT	16,919	0	2,280	0	104	**19,303**	18,963	18,576	2,610	387	56	**21,629**
	80,616	**0**	**9,219**	**0**	**607**	**90,442**	**91,943**	**89,211**	**10,608**	**2,732**	**366**	**102,917**
All 6 Crossings	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	76,597	0	7,379	0	3,529	**87,505**	81,012	78,013	7,022	2,999	2,970	**91,004**
MD	89,997	0	8,466	0	2,461	**100,924**	90,983	85,562	10,668	5,421	2,200	**103,852**
PM (4-8 pm)	70,060	0	2,708	0	2,544	**75,312**	73,428	71,627	4,263	1,801	2,120	**79,811**
NT	64,265	0	8,649	0	1,477	**74,391**	72,926	70,513	8,362	2,413	1,264	**82,552**
	300,919	**0**	**27,202**	**0**	**10,011**	**338,132**	**318,350**	**305,715**	**30,316**	**12,634**	**8,554**	**357,219**

REPORT 6B - PANYNJ Crossings - Vehicle Class Breakdown

EASTBOUND DIRECTION

Scenario NYBPM 2010 - 102C

Difference from Counts

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
1,944		50		0	**1,994**
697		522		0	**1,218**
1,634		459		-72	**2,021**
3,917		-1,215		-49	**2,652**
8,191		**-184**		**-121**	**7,886**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
-2,176		-707		-431	**-3,313**
220		580		0	**799**
-191		373		0	**182**
1,273		400		0	**1,674**
-874		**646**		**-431**	**-658**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
-732		302		-68	**-498**
-913		541		-209	**-582**
-995		222		-271	**-1,044**
1,427		198		-116	**1,509**
-1,214		**1,263**		**-664**	**-615**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
3,206		-726		0	**2,480**
1,097		-649		0	**447**
1,143		4		0	**1,148**
1,282		223		0	**1,505**
6,728		**-1,148**		**0**	**5,580**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
354		-61		-20	**273**
-1,650		133		-30	**-1,547**
393		121		-55	**458**
-316		-269		-37	**-623**
-1,219		**-77**		**-142**	**-1,438**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
1,820		784		-40	**2,563**
1,536		1,077		-22	**2,592**
1,384		376		-26	**1,734**
1,079		376		-11	**1,444**
5,819		**2,613**		**-99**	**8,333**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
-965		-354		-499	**-1,818**
3		1,642		-209	**1,436**
448		1,054		-343	**1,159**
6,617		-617		-165	**5,835**
6,104		**1,725**		**-1,216**	**6,612**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
5,380		-3		-60	**5,317**
983		561		-52	**1,492**
2,920		501		-81	**3,340**
2,044		330		-48	**2,326**
11,327		**1,389**		**-241**	**12,475**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
4,415		-357		-559	**3,499**
986		2,202		-261	**2,928**
3,368		1,555		-424	**4,499**
8,661		-287		-213	**8,161**
17,431		**3,114**		**-1,457**	**19,087**

% Difference from Counts

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
6%		2%		0%	5%
2%		14%		0%	3%
6%		32%		-17%	6%
15%		-25%		-19%	9%
6%		**-1%**		**-8%**	**6%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
-15%		-51%		-15%	-18%
1%		62%		0%	5%
-3%		160%		0%	2%
12%		32%		0%	13%
-2%		**17%**		**-6%**	**-1%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
-6%		102%		-30%	-4%
-7%		163%		-96%	-4%
-9%		198%		-97%	-9%
13%		60%		-88%	14%
-3%		**118%**		**-78%**	**-1%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
49%		-49%		0%	31%
11%		-35%		0%	4%
12%		1%		0%	11%
17%		20%		0%	17%
20%		**-23%**		**0%**	**14%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
4%		-8%		-100%	3%
-15%		13%		-100%	-13%
4%		39%		-100%	5%
-4%		-28%		-100%	-7%
-3%		**-2%**		**-100%**	**-4%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
124%		229%		-100%	138%
59%		224%		-100%	83%
35%		238%		-100%	42%
57%		158%		-100%	67%
59%		**214%**		**-100%**	**74%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
-2%		-7%		-15%	-3%
0%		32%		-9%	2%
1%		59%		-15%	2%
14%		-10%		-12%	11%
3%		**10%**		**-13%**	**3%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
32%		0%		-43%	27%
4%		17%		-37%	5%
13%		54%		-36%	14%
12%		14%		-46%	12%
14%		**15%**		**-40%**	**14%**

Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
6%		-5%		-16%	4%
1%		26%		-11%	3%
5%		57%		-17%	6%
13%		-3%		-14%	11%
6%		**11%**		**-15%**	**6%**

REPORT 6B - MTA Crossings - Vehicle Class Breakdown

ALL DIRECTIONS
Counts and Assigned Volumes

Scenario NYBPM 2010 - 102C

	October 20, 2010 Counts - MTA						NYBPM 2010 Update					
Brooklyn Battery Tunnel (EB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	1,963	1,963	279	0	321	**2,563**	768	768	140	0	43	**951**
MD	6,582	6,582	659	0	164	**7,405**	5,539	5,368	241	171	437	**6,217**
PM (4-8 pm)	8,979	8,979	515	0	470	**9,964**	8,149	8,044	114	106	253	**8,517**
NT	6,490	6,490	163	0	134	**6,787**	1,747	1,747	22	0	21	**1,790**
	24,014	**24,014**	**1,616**	**0**	**1,089**	**26,719**	**16,204**	**15,928**	**516**	**276**	**754**	**17,475**
Brooklyn Battery Tunnel (WB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	9,776	9,776	647	0	485	**10,908**	10,911	10,534	389	377	926	**12,226**
MD	7,925	7,925	606	0	181	**8,712**	8,206	7,941	559	265	0	**8,765**
PM (4-8 pm)	4,312	4,312	185	0	315	**4,812**	2,730	2,663	132	66	0	**2,862**
NT	2,872	2,872	155	0	83	**3,110**	725	725	232	0	0	**958**
	24,885	**24,885**	**1,593**	**0**	**1,064**	**27,542**	**22,572**	**21,863**	**1,313**	**708**	**926**	**24,810**
Bronx Whitestone Bridge (NB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	12,129	12,129	1,107	0	62	**13,298**	13,796	13,649	725	147	113	**14,634**
MD	12,585	12,585	1,660	0	69	**14,314**	16,138	15,843	1,332	296	313	**17,783**
PM (4-8 pm)	9,212	9,212	517	0	49	**9,778**	14,595	14,533	337	62	120	**15,052**
NT	9,569	9,569	1,162	0	65	**10,796**	9,570	9,470	729	100	7	**10,305**
	43,495	**43,495**	**4,446**	**0**	**245**	**48,186**	**54,099**	**53,495**	**3,123**	**605**	**553**	**57,775**
Bronx Whitestone Bridge (SB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	10,837	10,837	1,245	0	57	**12,139**	18,131	17,976	635	154	142	**18,908**
MD	15,233	15,233	1,728	0	73	**17,034**	19,436	19,125	1,491	311	265	**21,192**
PM (4-8 pm)	13,833	13,833	707	0	50	**14,590**	17,640	17,569	431	71	96	**18,166**
NT	11,125	11,125	1,082	0	59	**12,266**	12,354	12,230	1,180	124	5	**13,539**
	51,028	**51,028**	**4,762**	**0**	**239**	**56,029**	**67,561**	**66,900**	**3,736**	**661**	**509**	**71,806**
Henry Hudson Bridge (NB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	4,875	4,875	117	0	0	**4,992**	4,467	4,046	0	420	0	**4,467**
MD	8,924	8,924	92	0	0	**9,016**	6,791	6,227	0	564	0	**6,791**
PM (4-8 pm)	11,105	11,105	69	0	0	**11,174**	9,265	9,023	0	242	0	**9,265**
NT	7,374	7,374	18	0	0	**7,392**	1,606	1,541	0	65	0	**1,606**
	32,278	**32,278**	**296**	**0**	**0**	**32,574**	**22,129**	**20,837**	**0**	**1,292**	**0**	**22,129**
Henry Hudson Bridge (SB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	11,711	11,711	69	0	0	**11,780**	8,318	7,830	0	488	0	**8,318**
MD	11,209	11,209	151	0	0	**11,360**	7,271	6,688	0	583	0	**7,271**
PM (4-8 pm)	9,968	9,968	68	0	0	**10,036**	3,451	3,285	0	165	0	**3,451**
NT	3,874	3,874	14	0	0	**3,888**	871	823	0	48	0	**871**
	36,762	**36,762**	**302**	**0**	**0**	**37,064**	**19,911**	**18,626**	**0**	**1,285**	**0**	**19,911**
Queens Midtown Tunnel (EB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	4,786	4,786	520	0	135	**5,441**	3,995	3,871	314	124	0	**4,310**
MD	11,984	11,984	1,462	0	68	**13,514**	10,368	10,074	603	293	0	**10,970**
PM (4-8 pm)	9,791	9,791	728	0	65	**10,584**	10,240	10,168	216	72	0	**10,456**
NT	9,919	9,919	461	0	25	**10,405**	8,887	8,710	278	177	0	**9,165**
	36,480	**36,480**	**3,171**	**0**	**293**	**39,944**	**33,489**	**32,823**	**1,411**	**667**	**0**	**34,901**
Queens Midtown Tunnel (WB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	12,160	12,160	1,784	0	315	**14,259**	12,381	12,132	94	248	504	**12,978**
MD	14,753	14,753	1,327	0	169	**16,249**	12,280	11,943	124	336	202	**12,606**
PM (4-8 pm)	10,318	10,318	405	0	204	**10,927**	6,291	6,103	61	188	156	**6,508**
NT	6,694	6,694	621	0	47	**7,362**	5,845	5,662	86	183	22	**5,953**
	43,925	**43,925**	**4,137**	**0**	**735**	**48,797**	**36,797**	**35,840**	**365**	**956**	**884**	**38,045**
Throgsneck Bridge (NB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	15,481	15,481	2,009	0	2	**17,492**	16,588	16,472	1,779	116	0	**18,367**
MD	15,301	15,301	2,998	0	0	**18,299**	19,371	19,147	3,155	225	0	**22,526**
PM (4-8 pm)	11,112	11,112	808	0	0	**11,920**	18,686	18,640	970	47	0	**19,657**
NT	8,374	8,374	1,670	0	0	**10,044**	10,939	10,848	1,886	91	0	**12,825**
	50,268	**50,268**	**7,485**	**0**	**2**	**57,755**	**65,585**	**65,107**	**7,790**	**478**	**0**	**73,375**
Throgsneck Bridge (SB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	10,005	10,005	1,903	0	0	**11,908**	17,346	17,211	1,502	135	0	**18,848**
MD	15,737	15,737	2,666	0	1	**18,404**	18,994	18,698	2,262	295	0	**21,256**
PM (4-8 pm)	15,649	15,649	1,020	0	2	**16,671**	18,093	18,046	670	47	0	**18,763**
NT	10,166	10,166	1,689	0	1	**11,856**	11,580	11,468	1,165	112	0	**12,744**
	51,557	**51,557**	**7,278**	**0**	**4**	**58,839**	**66,012**	**65,423**	**5,599**	**589**	**0**	**71,611**

REPORT 6B - MTA Crossings - Vehicle Class Breakdown

ALL DIRECTIONS
Counts and Assigned Volumes

Scenario NYBPM 2010 - 102C

	October 20, 2010 Counts - MTA						NYBPM 2010 Update					
Verrazano Narrows Bridge (WB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	13,960	13,960	1639	0	300	**15,899**	12,637	12,483	1,032	153	83	**13,752**
MD	26,958	26,958	2910	0	177	**30,045**	24,528	24,260	1,343	268	500	**26,370**
PM (4-8 pm)	28,784	28,784	1324	0	406	**30,514**	27,342	27,289	284	53	199	**27,825**
NT	20,046	20,046	1372	0	146	**21,564**	13,145	13,027	695	118	58	**13,898**
	89,748	**89,748**	**7,245**	**0**	**1,029**	**98,022**	**77,651**	**77,059**	**3,354**	**592**	**840**	**81,845**
Triborough Bridge (Bronx-Queens) (SB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	8,903	8,903	1599	0	1	**10,503**	8,635	8,481	1,280	154	0	**9,914**
MD	10,586	10,586	2316	0	1	**12,903**	9,399	9,153	1,930	247	0	**11,329**
PM (4-8 pm)	8,533	8,533	963	0	0	**9,496**	10,293	10,233	620	60	0	**10,913**
NT	9,754	9,754	907	0	0	**10,661**	3,065	3,006	881	59	0	**3,946**
	37,776	**37,776**	**5,785**	**0**	**2**	**43,563**	**31,392**	**30,872**	**4,711**	**520**	**0**	**36,102**
Triborough Bridge (Bronx-Queens) (NB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	8,631	8,631	1869	0	0	**10,500**	11,757	11,578	1,594	178	0	**13,350**
MD	11,990	11,990	2234	0	1	**14,225**	12,447	12,137	2,632	309	0	**15,079**
PM (4-8 pm)	8,875	8,875	691	0	0	**9,566**	12,577	12,496	666	81	0	**13,243**
NT	7,115	7,115	836	0	0	**7,951**	4,233	4,162	1,201	71	0	**5,434**
	36,611	**36,611**	**5,630**	**0**	**1**	**42,242**	**41,014**	**40,375**	**6,092**	**639**	**0**	**47,106**
Triborough Bridge (Manhattan) (EB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	7,764	7,764	936	0	125	**8,825**	8,780	8,562	205	218	93	**9,078**
MD	12,307	12,307	778	0	110	**13,195**	11,528	11,239	236	289	196	**11,960**
PM (4-8 pm)	9,060	9,060	273	0	105	**9,438**	10,555	10,465	90	89	386	**11,031**
NT	7,754	7,754	295	0	76	**8,125**	4,462	4,399	106	63	10	**4,578**
	36,885	**36,885**	**2,282**	**0**	**416**	**39,583**	**35,325**	**34,666**	**637**	**659**	**685**	**36,647**
Triborough Bridge (Manhattan) (WB)	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	13,713	13,713	357	0	139	**14,209**	10,472	10,264	33	207	24	**10,529**
MD	16,484	16,484	828	0	135	**17,447**	13,864	13,593	26	271	45	**13,935**
PM (4-8 pm)	12,199	12,199	383	0	128	**12,710**	7,726	7,668	26	57	22	**7,773**
NT	7,816	7,816	194	0	73	**8,083**	2,852	2,809	15	43	1	**2,868**
	50,212	**50,212**	**1,762**	**0**	**475**	**52,449**	**34,913**	**34,334**	**100**	**579**	**91**	**35,105**
East River Crossings	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	38,002	38,002	2,739	0	1,205	**41,946**	34,926	34,000	1,081	927	1,086	**37,094**
MD	55,282	55,282	4,333	0	658	**60,273**	49,505	48,216	1,665	1,289	678	**51,847**
PM (4-8 pm)	44,341	44,341	2,084	0	1,083	**47,508**	39,399	39,008	578	391	661	**40,638**
NT	34,851	34,851	1,268	0	391	**36,510**	18,674	18,391	654	283	32	**19,360**
	172,476	**172,476**	**10,424**	**0**	**3,337**	**186,237**	**142,504**	**139,614**	**3,978**	**2,889**	**2,457**	**148,939**
Bronx Bridges	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	55,981	55,981	7,829	0	122	**63,932**	68,906	68,157	6,013	749	255	**75,175**
MD	65,695	65,695	10,936	0	144	**76,775**	76,791	75,404	10,539	1,387	578	**87,909**
PM (4-8 pm)	51,565	51,565	3,686	0	99	**55,350**	73,792	73,471	3,024	321	216	**77,032**
NT	45,937	45,937	5,657	0	124	**51,718**	40,161	39,716	5,877	445	12	**46,050**
	219,178	**219,178**	**28,108**	**0**	**489**	**247,775**	**259,651**	**256,748**	**25,452**	**2,902**	**1,062**	**286,165**
All MTA Crossings	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**	**Autos: Class 1**	**Autos: w/o Vans**	**Trucks**	**Vans**	**Buses**	**All**
AM (6-10 am)	146,694	146,694	16,080	0	1,942	**164,716**	158,980	155,859	9,722	3,121	1,928	**170,631**
MD	198,558	198,558	22,415	0	1,149	**222,122**	196,159	191,436	15,933	4,723	1,958	**214,050**
PM (4-8 pm)	171,730	171,730	8,656	0	1,794	**182,180**	177,633	176,226	4,617	1,407	1,232	**183,481**
NT	128,942	128,942	10,639	0	709	**140,290**	91,882	90,628	8,476	1,254	124	**100,482**
	645,924	**645,924**	**57,790**	**0**	**5,594**	**709,308**	**624,654**	**614,148**	**38,748**	**10,505**	**5,243**	**668,644**

REPORT 6B - MTA Crossings - Vehicle Class Breakdown

ALL DIRECTIONS

Scenario NYBPM 2010 - 102C

Difference from Counts

Brooklyn Battery Tunnel (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-1,195		-139		-278	**-1,612**
MD	-1,043		-418		273	**-1,188**
PM (4-8 pm)	-830		-401		-217	**-1,447**
NT	-4,743		-141		-113	**-4,997**
	-7,810		**-1,100**		**-335**	**-9,244**

Brooklyn Battery Tunnel (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	1,135		-258		441	**1,318**
MD	281		-47		-181	**53**
PM (4-8 pm)	-1,582		-53		-315	**-1,950**
NT	-2,147		77		-83	**-2,152**
	-2,313		**-280**		**-138**	**-2,732**

Bronx Whitestone Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	1,667		-382		51	**1,336**
MD	3,553		-328		244	**3,469**
PM (4-8 pm)	5,383		-180		71	**5,274**
NT	1		-433		-58	**-491**
	10,604		**-1,323**		**308**	**9,589**

Bronx Whitestone Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	7,294		-610		85	**6,769**
MD	4,203		-237		192	**4,158**
PM (4-8 pm)	3,807		-276		46	**3,576**
NT	1,229		98		-54	**1,273**
	16,533		**-1,026**		**270**	**15,777**

Henry Hudson Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-408		-117		0	**-525**
MD	-2,133		-92		0	**-2,225**
PM (4-8 pm)	-1,840		-69		0	**-1,909**
NT	-5,768		-18		0	**-5,786**
	-10,149		**-296**		**0**	**-10,445**

Henry Hudson Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-3,393		-69		0	**-3,462**
MD	-3,938		-151		0	**-4,089**
PM (4-8 pm)	-6,517		-68		0	**-6,585**
NT	-3,003		-14		0	**-3,017**
	-16,851		**-302**		**0**	**-17,153**

Queens Midtown Tunnel (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-791		-206		-135	**-1,131**
MD	-1,616		-859		-68	**-2,544**
PM (4-8 pm)	449		-512		-65	**-128**
NT	-1,032		-183		-25	**-1,240**
	-2,991		**-1,760**		**-293**	**-5,043**

Queens Midtown Tunnel (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	221		-1,690		189	**-1,281**
MD	-2,473		-1,203		33	**-3,643**
PM (4-8 pm)	-4,027		-344		-48	**-4,419**
NT	-849		-535		-25	**-1,409**
	-7,128		**-3,772**		**149**	**-10,752**

Throgsneck Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	1,107		-230		-2	**875**
MD	4,070		157		0	**4,227**
PM (4-8 pm)	7,574		162		0	**7,737**
NT	2,565		216		0	**2,781**
	15,317		**305**		**-2**	**15,620**

Throgsneck Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	7,341		-401		0	**6,940**
MD	3,257		-404		-1	**2,852**
PM (4-8 pm)	2,444		-350		-2	**2,092**
NT	1,414		-524		-1	**888**
	14,455		**-1,679**		**-4**	**12,772**

% Difference from Counts

Brooklyn Battery Tunnel (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-61%		-50%		-87%	-63%
MD	-16%		-63%		166%	-16%
PM (4-8 pm)	-9%		-78%		-46%	-15%
NT	-73%		-87%		-84%	-74%
	-33%		**-68%**		**-31%**	**-35%**

Brooklyn Battery Tunnel (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	12%		-40%		91%	12%
MD	4%		-8%		-100%	1%
PM (4-8 pm)	-37%		-29%		-100%	-41%
NT	-75%		50%		-100%	-69%
	-9%		**-18%**		**-13%**	**-10%**

Bronx Whitestone Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	14%		-34%		82%	10%
MD	28%		-20%		354%	24%
PM (4-8 pm)	58%		-35%		145%	54%
NT	0%		-37%		-90%	-5%
	24%		**-30%**		**126%**	**20%**

Bronx Whitestone Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	67%		-49%		150%	56%
MD	28%		-14%		263%	24%
PM (4-8 pm)	28%		-39%		92%	25%
NT	11%		9%		-91%	10%
	32%		**-22%**		**113%**	**28%**

Henry Hudson Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-8%		-100%		0%	-11%
MD	-24%		-100%		0%	-25%
PM (4-8 pm)	-17%		-100%		0%	-17%
NT	-78%		-100%		0%	-78%
	-31%		**-100%**		**0%**	**-32%**

Henry Hudson Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-29%		-100%		0%	-29%
MD	-35%		-100%		0%	-36%
PM (4-8 pm)	-65%		-100%		0%	-66%
NT	-78%		-100%		0%	-78%
	-46%		**-100%**		**0%**	**-46%**

Queens Midtown Tunnel (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-17%		-40%		-100%	-21%
MD	-13%		-59%		-100%	-19%
PM (4-8 pm)	5%		-70%		-100%	-1%
NT	-10%		-40%		-100%	-12%
	-8%		**-55%**		**-100%**	**-13%**

Queens Midtown Tunnel (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	2%		-95%		60%	-9%
MD	-17%		-91%		20%	-22%
PM (4-8 pm)	-39%		-85%		-24%	-40%
NT	-13%		-86%		-53%	-19%
	-16%		**-91%**		**20%**	**-22%**

Throgsneck Bridge (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	7%		-11%		-100%	5%
MD	27%		5%		0%	23%
PM (4-8 pm)	68%		20%		0%	65%
NT	31%		13%		0%	28%
	30%		**4%**		**-100%**	**27%**

Throgsneck Bridge (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	73%		-21%		0%	58%
MD	21%		-15%		-100%	15%
PM (4-8 pm)	16%		-34%		-100%	13%
NT	14%		-31%		-100%	7%
	28%		**-23%**		**-100%**	**22%**

REPORT 6B - MTA Crossings - Vehicle Class Breakdown

ALL DIRECTIONS

Scenario NYBPM 2010 - 102C

Difference from Counts

Verrazano Narrows Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-1,323		-607		-217	**-2,147**
MD	-2,430		-1,567		323	**-3,675**
PM (4-8 pm)	-1,442		-1,040		-207	**-2,689**
NT	-6,901		-677		-88	**-7,666**
	-12,097		**-3,891**		**-189**	**-16,177**

Triborough Bridge (Bronx-Queens) (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-268		-319		-1	**-589**
MD	-1,187		-386		-1	**-1,574**
PM (4-8 pm)	1,760		-343		0	**1,417**
NT	-6,689		-26		0	**-6,715**
	-6,384		**-1,074**		**-2**	**-7,461**

Triborough Bridge (Bronx-Queens) (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	3,126		-275		0	**2,850**
MD	457		398		-1	**854**
PM (4-8 pm)	3,702		-25		0	**3,677**
NT	-2,882		365		0	**-2,517**
	4,403		**462**		**-1**	**4,864**

Triborough Bridge (Manhattan) (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	1,016		-731		-32	**253**
MD	-779		-542		86	**-1,235**
PM (4-8 pm)	1,495		-183		281	**1,593**
NT	-3,292		-189		-66	**-3,547**
	-1,560		**-1,645**		**269**	**-2,936**

Triborough Bridge (Manhattan) (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-3,241		-324		-115	**-3,680**
MD	-2,620		-802		-90	**-3,512**
PM (4-8 pm)	-4,473		-357		-106	**-4,937**
NT	-4,964		-179		-72	**-5,215**
	-15,299		**-1,662**		**-384**	**-17,344**

East River Crossings	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-3,076		-1,658		-119	**-4,852**
MD	-5,777		-2,668		20	**-8,426**
PM (4-8 pm)	-4,942		-1,506		-422	**-6,870**
NT	-16,177		-614		-359	**-17,150**
	-29,972		**-6,446**		**-880**	**-37,298**

Bronx Bridges	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	12,925		-1,816		133	**11,243**
MD	11,096		-397		434	**11,134**
PM (4-8 pm)	22,227		-662		117	**21,682**
NT	-5,776		220		-112	**-5,668**
	40,473		**-2,656**		**573**	**38,390**

All MTA Crossings	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	12,286		-6,358		-14	**5,915**
MD	-2,399		-6,482		809	**-8,072**
PM (4-8 pm)	5,903		-4,039		-562	**1,301**
NT	-37,060		-2,163		-585	**-39,808**
	-21,270		**-19,042**		**-351**	**-40,664**

% Difference from Counts

Verrazano Narrows Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-9%		-37%		-72%	-14%
MD	-9%		-54%		182%	-12%
PM (4-8 pm)	-5%		-79%		-51%	-9%
NT	-34%		-49%		-60%	-36%
	-13%		**-54%**		**-18%**	**-17%**

Triborough Bridge (Bronx-Queens) (SB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-3%		-20%		-100%	-6%
MD	-11%		-17%		-100%	-12%
PM (4-8 pm)	21%		-36%		0%	15%
NT	-69%		-3%		0%	-63%
	-17%		**-19%**		**-100%**	**-17%**

Triborough Bridge (Bronx-Queens) (NB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	36%		-15%		0%	27%
MD	4%		18%		-100%	6%
PM (4-8 pm)	42%		-4%		0%	38%
NT	-41%		44%		0%	-32%
	12%		**8%**		**-100%**	**12%**

Triborough Bridge (Manhattan) (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	13%		-78%		-26%	3%
MD	-6%		-70%		78%	-9%
PM (4-8 pm)	16%		-67%		268%	17%
NT	-42%		-64%		-87%	-44%
	-4%		**-72%**		**65%**	**-7%**

Triborough Bridge (Manhattan) (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-24%		-91%		-83%	-26%
MD	-16%		-97%		-67%	-20%
PM (4-8 pm)	-37%		-93%		-83%	-39%
NT	-64%		-92%		-99%	-65%
	-30%		**-94%**		**-81%**	**-33%**

East River Crossings	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-8%		-61%		-10%	-12%
MD	-10%		-62%		3%	-14%
PM (4-8 pm)	-11%		-72%		-39%	-14%
NT	-46%		-48%		-92%	-47%
	-17%		**-62%**		**-26%**	**-20%**

Bronx Bridges	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	23%		-23%		109%	18%
MD	17%		-4%		302%	15%
PM (4-8 pm)	43%		-18%		118%	39%
NT	-13%		4%		-90%	-11%
	18%		**-9%**		**117%**	**15%**

All MTA Crossings	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	8%		-40%		-1%	4%
MD	-1%		-29%		70%	-4%
PM (4-8 pm)	3%		-47%		-31%	1%
NT	-29%		-20%		-82%	-28%
	-3%		**-33%**		**-6%**	**-6%**

REPORT 6B - Free Crossings - Vehicle Class Breakdown

ALL DIRECTIONS

Scenario NYBPM 2010 - 102C

Counts and Assigned Volumes

2010 Counts - NYCDOT Bridge Traffic Report

Brooklyn Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	10,112	10,112	4	0	80	**10,196**
MD	16,244	16,244	2	0	174	**16,420**
PM (4-8 pm)	13,674	13,674	2	0	65	**13,741**
NT	19,965	19,965	0	0	12	**19,977**
	59,995	**59,995**	**8**	**0**	**331**	**60,334**

Brooklyn Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	14,162	14,162	14	0	144	**14,320**
MD	17,638	17,638	29	0	169	**17,836**
PM (4-8 pm)	13,557	13,557	6	0	53	**13,616**
NT	17,477	17,477	25	0	32	**17,534**
	62,834	**62,834**	**74**	**0**	**398**	**63,306**

Manhattan Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	5,118	5,118	589	0	193	**5,900**
MD	8,509	8,509	1,311	0	355	**10,175**
PM (4-8 pm)	8,949	8,949	330	0	237	**9,516**
NT	12,043	12,043	214	0	116	**12,373**
	34,619	**34,619**	**2,444**	**0**	**901**	**37,964**

Manhattan Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	8,521	8,521	1,596	0	238	**10,355**
MD	8,084	8,084	1,807	0	232	**10,123**
PM (4-8 pm)	5,478	5,478	478	0	176	**6,132**
NT	9,778	9,778	335	0	90	**10,203**
	31,861	**31,861**	**4,216**	**0**	**736**	**36,813**

Queensboro Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	10,780	10,780	887	0	137	**11,804**
MD	24,217	24,217	1,802	0	316	**26,335**
PM (4-8 pm)	20,799	20,799	864	0	199	**21,862**
NT	31,087	31,087	774	0	260	**32,121**
	86,883	**86,883**	**4,327**	**0**	**912**	**92,122**

Queensboro Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	21,542	21,542	1,060	0	188	**22,790**
MD	22,123	22,123	1,146	0	209	**23,478**
PM (4-8 pm)	15,096	15,096	301	0	110	**15,507**
NT	23,073	23,073	585	0	140	**23,798**
	81,834	**81,834**	**3,092**	**0**	**647**	**85,573**

Williamsburg Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	7,838	7838	137	0	175	**8,150**
MD	14,204	14204	316	0	265	**14,785**
PM (4-8 pm)	12,285	12285	135	0	122	**12,542**
NT	18,628	18628	55	0	60	**18,743**
	52,955	**52,955**	**643**	**0**	**622**	**54,220**

Williamsburg Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	12,445	12,445	56	0	77	**12,578**
MD	15,639	15,639	100	0	108	**15,847**
PM (4-8 pm)	10,966	10,966	71	0	77	**11,114**
NT	17,379	17,379	26	0	25	**17,430**
	56,429	**56,429**	**253**	**0**	**287**	**56,969**

All Free Bridges	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	90,518	90,518	4,343	0	1,232	**96,093**
MD	126,658	126,658	6,513	0	1,828	**134,999**
PM (4-8 pm)	100,804	100,804	2,187	0	1,039	**104,030**
NT	149,430	149,430	2,014	0	735	**152,179**
	467,410	**467,410**	**15,057**	**0**	**4,834**	**487,301**

NYBPM 2010 Update

Brooklyn Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	9,671	7,139	0	2,532	0	**9,671**
MD	17,303	14,290	0	3,013	0	**17,303**
PM (4-8 pm)	18,251	17,174	0	1,077	0	**18,251**
NT	16,871	15,343	0	1,528	0	**16,871**
	62,095	**53,946**	**0**	**8,150**	**0**	**62,095**

Brooklyn Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	17,353	15,321	0	2,032	0	**17,353**
MD	22,518	19,327	0	3,191	0	**22,518**
PM (4-8 pm)	11,322	10,181	0	1,140	0	**11,322**
NT	15,014	13,548	0	1,466	0	**15,014**
	66,207	**58,377**	**0**	**7,830**	**0**	**66,207**

Manhattan Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	4,314	3,880	314	434	0	**4,628**
MD	13,064	11,428	3,163	1,635	0	**16,226**
PM (4-8 pm)	12,805	12,144	1,114	661	0	**13,919**
NT	8,354	7,753	1,141	601	0	**9,495**
	38,537	**35,206**	**5,731**	**3,331**	**0**	**44,268**

Manhattan Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	16,711	15,123	3,445	1,588	0	**20,156**
MD	4,446	3,696	1,944	751	0	**6,390**
PM (4-8 pm)	9,148	8,760	753	388	0	**9,901**
NT	6,410	5,970	1,207	440	0	**7,616**
	36,716	**33,549**	**7,348**	**3,167**	**0**	**44,064**

Queensboro Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	16,407	13,967	1,866	2,439	105	**18,379**
MD	24,575	21,198	2,610	3,378	195	**27,381**
PM (4-8 pm)	30,316	29,164	771	1,152	91	**31,178**
NT	22,324	20,904	1,315	1,420	17	**23,656**
	93,623	**85,233**	**6,563**	**8,390**	**409**	**100,594**

Queensboro Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	16,055	14,540	630	1,515	76	**16,761**
MD	26,748	24,155	1,590	2,593	99	**28,437**
PM (4-8 pm)	14,896	13,926	788	971	84	**15,768**
NT	18,393	17,215	1,157	1,178	11	**19,561**
	76,092	**69,835**	**4,165**	**6,257**	**270**	**80,527**

Williamsburg Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	8,705	7,491	205	1,214	0	**8,910**
MD	14,954	13,496	271	1,458	0	**15,225**
PM (4-8 pm)	17,302	16,902	102	400	0	**17,404**
NT	13,873	13,347	122	526	0	**13,995**
	54,834	**51,236**	**700**	**3,598**	**0**	**55,534**

Williamsburg Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	14,463	13,747	646	716	0	**15,109**
MD	18,109	16,933	1,331	1,176	0	**19,440**
PM (4-8 pm)	11,008	10,549	522	458	0	**11,530**
NT	14,263	13,669	806	594	0	**15,069**
	57,843	**54,898**	**3,306**	**2,944**	**0**	**61,148**

All Free Bridges	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	103,680	91,207	7,106	12,472	181	**110,968**
MD	141,717	124,523	10,908	17,195	294	**152,920**
PM (4-8 pm)	125,047	118,801	4,051	6,247	175	**129,273**
NT	115,501	107,749	5,748	7,752	29	**121,278**
	485,946	**442,280**	**27,813**	**43,667**	**679**	**514,438**

REPORT 6B - Free Crossings - Vehicle Class Breakdown

ALL DIRECTIONS

Scenario NYBPM 2010 - 102C

Difference from Counts

Brooklyn Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-441		-4		-80	**-525**
MD	1,059		-2		-174	**883**
PM (4-8 pm)	4,577		-2		-65	**4,510**
NT	-3,094		0		-12	**-3,106**
	2,100		**-8**		**-331**	**1,761**

Brooklyn Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	3,191		-14		-144	**3,033**
MD	4,880		-29		-169	**4,682**
PM (4-8 pm)	-2,235		-6		-53	**-2,294**
NT	-2,463		-25		-32	**-2,520**
	3,373		**-74**		**-398**	**2,901**

Manhattan Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-804		-275		-193	**-1,272**
MD	4,555		1,852		-355	**6,051**
PM (4-8 pm)	3,856		784		-237	**4,403**
NT	-3,689		927		-116	**-2,878**
	3,918		**3,287**		**-901**	**6,304**

Manhattan Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	8,190		1,849		-238	**9,801**
MD	-3,638		137		-232	**-3,733**
PM (4-8 pm)	3,670		275		-176	**3,769**
NT	-3,368		872		-90	**-2,587**
	4,855		**3,132**		**-736**	**7,251**

Queensboro Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	5,627		979		-32	**6,575**
MD	358		808		-121	**1,046**
PM (4-8 pm)	9,517		-93		-108	**9,316**
NT	-8,763		541		-243	**-8,465**
	6,740		**2,236**		**-503**	**8,472**

Queensboro Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-5,487		-430		-112	**-6,029**
MD	4,625		444		-110	**4,959**
PM (4-8 pm)	-200		487		-26	**261**
NT	-4,680		572		-129	**-4,237**
	-5,742		**1,073**		**-377**	**-5,046**

Williamsburg Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	867		68		-175	**760**
MD	750		-45		-265	**440**
PM (4-8 pm)	5,017		-33		-122	**4,862**
NT	-4,755		67		-60	**-4,748**
	1,879		**57**		**-622**	**1,314**

Williamsburg Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	2,018		590		-77	**2,531**
MD	2,470		1,231		-108	**3,593**
PM (4-8 pm)	42		451		-77	**416**
NT	-3,116		780		-25	**-2,361**
	1,414		**3,053**		**-287**	**4,179**

All Free Bridges	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	13,162		2,763		-1,051	**14,875**
MD	15,059		4,395		-1,534	**17,921**
PM (4-8 pm)	24,243		1,864		-864	**25,243**
NT	-33,929		3,734		-706	**-30,901**
	18,536		**12,756**		**-4,155**	**27,137**

% Difference from Counts

Brooklyn Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-4%		-100%		-100%	-5%
MD	7%		-100%		-100%	5%
PM (4-8 pm)	33%		-100%		-100%	33%
NT	-15%		--		-100%	-16%
	4%		**-100%**		**-100%**	**3%**

Brooklyn Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	23%		-100%		-100%	21%
MD	28%		-100%		-100%	26%
PM (4-8 pm)	-16%		-100%		-100%	-17%
NT	-14%		-100%		-100%	-14%
	5%		**-100%**		**-100%**	**5%**

Manhattan Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-16%		-47%		-100%	-22%
MD	54%		141%		-100%	59%
PM (4-8 pm)	43%		238%		-100%	46%
NT	-31%		433%		-100%	-23%
	11%		**135%**		**-100%**	**17%**

Manhattan Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	96%		116%		-100%	95%
MD	-45%		8%		-100%	-37%
PM (4-8 pm)	67%		57%		-100%	61%
NT	-34%		260%		-100%	-25%
	15%		**74%**		**-100%**	**20%**

Queensboro Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	52%		110%		-23%	56%
MD	1%		45%		-38%	4%
PM (4-8 pm)	46%		-11%		-54%	43%
NT	-28%		70%		-93%	-26%
	8%		**52%**		**-55%**	**9%**

Queensboro Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	-25%		-41%		-60%	-26%
MD	21%		39%		-53%	21%
PM (4-8 pm)	-1%		162%		-24%	2%
NT	-20%		98%		-92%	-18%
	-7%		**35%**		**-58%**	**-6%**

Williamsburg Bridge (EB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	11%		50%		-100%	9%
MD	5%		-14%		-100%	3%
PM (4-8 pm)	41%		-24%		-100%	39%
NT	-26%		122%		-100%	-25%
	4%		**9%**		**-100%**	**2%**

Williamsburg Bridge (WB)	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	16%		1054%		-100%	20%
MD	16%		1231%		-100%	23%
PM (4-8 pm)	0%		636%		-100%	4%
NT	-18%		3000%		-100%	-14%
	3%		**1207%**		**-100%**	**7%**

All Free Bridges	Autos: Class 1	Autos: w/o Vans	Trucks	Vans	Buses	All
AM (6-10 am)	15%		64%		-85%	15%
MD	12%		67%		-84%	13%
PM (4-8 pm)	24%		85%		-83%	24%
NT	-23%		185%		-96%	-20%
	4%		**85%**		**-86%**	**6%**

NYBPM 2010 - 102C

AM Peak Period (6-10am)

* bold = peak direction

	Direction	6-10 AM Counts	Flow	Model minus Counts Diff.	Percent
OUTERBRIDGE CROSSING	West-Bound	7,304	8,642	1,338	18%
Middlesex - Richmond	**East-Bound**	**9,648**	**9,921**	**273**	**3%**
	Total	16,952	18,563	1,611	10%
GOETHALS BRIDGE	**West-Bound**	**9,121**	**9,024**	**-97**	**-1%**
Union - Richmond	East-Bound	8,053	10,533	2,480	31%
	Total	17,174	19,557	2,383	14%
BAYONNE BR|IDGE	**West-Bound**	**3,475**	**5,412**	**1,937**	**56%**
Hudson - Richmond	East-Bound	1,854	4,417	2,563	138%
	Total	5,329	9,829	4,500	84%
Staten Island Bridges (SIBs) - PANYNJ	**West-Bound**	**19,900**	**23,077**	**3,177**	**16%**
	East-Bound	19,555	24,872	5,317	27%
	Total	39,455	47,949	8,494	22%
HOLLAND TUNNEL	West-Bound	9,734	9,912	178	2%
Hudson - New York	**East-Bound**	**11,916**	**11,418**	**-498**	**-4%**
	Total	21,650	21,330	-320	-1%
LINCOLN TUNNEL	West-Bound	7,173	7,872	699	10%
Hudson - New York	**East-Bound**	**18,245**	**14,932**	**-3,313**	**-18%**
	Total	25,418	22,803	-2,615	-10%
G WASHINGTON BRIDGE	West-Bound	26,136	31,716	5,580	21%
Bergen - New York	**East-Bound**	**37,789**	**39,783**	**1,994**	**5%**
	Total	63,925	71,498	7,573	12%
Hudson River Crossings (HRX) -PANYNJ	West-Bound	43,043	49,499	6,456	15%
	East-Bound	**67,950**	**66,132**	**-1,818**	**-3%**
	Total	110,993	115,631	4,638	4%
TAPPAN ZEE BRIDGE	West-Bound	11,493	10,441	-1,052	-9%
Rockland - Westchester	**East-Bound**	**24,715**	**18,600**	**-6,115**	**-25%**
	Total	36,208	29,041	-7,167	-20%
MOUNTAIN BRIDGE RD	West-Bound	2,219	5,118	2,899	131%
Orange - Westchester	**East-Bound**	**3,052**	**3,573**	**521**	**17%**
	Total	5,271	8,691	3,420	65%
NEWBURGH BEACON BRIDGE	West-Bound	13,554	12,132	-1,422	-10%
Orange - Westchester	**East-Bound**	**10,212**	**9,866**	**-346**	**-3%**
	Total	23,766	21,997	-1,769	-7%
Mid-Hudson Bridges (MHB)	West-Bound	27,266	27,690	424	2%
Orange - Dutchess	**East-Bound**	**37,979**	**32,039**	**-5,940**	**-16%**
	Total	65,245	59,730	-5,515	-8%
VERRAZANO BRIDGE	West-Bound	15,899	13,752	-2,147	-14%
Kings - Richmond	**East-Bound**	**30,723**	**35,862**	**5,139**	**17%**
	Total	46,622	49,614	2,992	6%
BROOKLYN BATTERY TUNNEL - MTA	**West-Bound**	**10,909**	**12,226**	**1,317**	**12%**
Kings - New York	East-Bound	2,563	951	-1,612	-63%
	Total	13,472	13,177	-295	-2%
BROOKLYN BRIDGE (F)	**West-Bound**	**14,320**	**17,353**	**3,033**	**21%**
Kings - New York	East-Bound	10,196	9,671	-525	-5%
	Total	24,516	27,024	2,508	10%
MANHATTAN BRIDGE (F)	**West-Bound**	**10,357**	**20,156**	**9,799**	**95%**
Kings - New York	East-Bound	5,901	4,628	-1,273	-22%
	Total	16,258	24,784	8,526	52%
WILLIAMSBURG BRIDGE	**West-Bound**	**12,578**	**15,109**	**2,531**	**20%**
Kings - New York	East-Bound	8,150	8,910	760	9%
	Total	20,728	24,020	3,292	16%
QUEENS MIDTOWN TUNNEL -MTA	**West-Bound**	**14,259**	**12,978**	**-1,281**	**-9%**
	East-Bound	5,441	4,310	-1,131	-21%
	Total	19,700	17,288	-2,412	-12%
QUEENSBORO BRIDGE (F)	**West-Bound**	**22,790**	**16,761**	**-6,029**	**-26%**
Queens - New York	East-Bound	11,805	18,379	6,574	56%
	Total	34,595	35,140	545	2%
TRIBOROUGH BRIDGE (West) -MTA	**West-Bound**	**10,121**	**9,534**	**-587**	**-6%**
Queens - New York	East-Bound	6,345	8,464	2,119	33%
	Total	16,466	17,997	1,531	9%
East River Crossings (ERX) - NYC & MTA	**West-Bound**	**95,334**	**104,118**	**8,784**	**9%**
	East-Bound	50,401	55,312	4,911	10%
	Total	145,735	159,430	13,695	9%
TRIBOROUGH BRIDGE (North)	**North-Bound**	**1,901**	**614**	**-1,287**	**-68%**
Bronx - New York	South-Bound	4,667	995	-3,672	-79%
	Total	6,568	1,609	-4,959	-75%
TRIBOROUGH BRIDGE (South)	**North-Bound**	**10,500**	**13,350**	**2,850**	**27%**
Bronx - Queens	South-Bound	10,503	9,914	-589	-6%
	Total	21,003	23,265	2,262	11%
BRONX WHITESTONE BRIDGE	**North-Bound**	**13,298**	**14,634**	**1,336**	**10%**
Bronx - Queens	South-Bound	12,139	18,908	6,769	56%
	Total	25,437	33,543	8,106	32%
THROGS NECK BRIDGE	**North-Bound**	**17,492**	**18,367**	**875**	**5%**
Bronx - Queens	South-Bound	11,908	18,848	6,940	58%
	Total	29,400	37,215	7,815	27%
Bronx Bridges (BB) - MTA	**North-Bound**	**43,191**	**46,966**	**3,775**	**9%**
	South-Bound	39,217	48,666	9,449	24%
	Total	82,408	95,632	13,224	16%

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AM Peak Period (6-10am)

* bold = peak direction

	Direction	6-10 AM Counts	Flow	Model minus Counts Diff.	Percent
WILLIS AVENUE BRIDGE - NB	**North-Bound**	**11,623**	**13,538**	**1,915**	**16%**
Bronx - New York	South-Bound				
	Total	11,623	13,538	1,915	16%
3RD AVE BRIDGE - SB	North-Bound				
Bronx - New York	**South-Bound**	**14,033**	**16,270**	**2,237**	**16%**
	Total	14,033	16,270	2,237	16%
MADISON AVENUE BRIDGE	**East-Bound**	**4,093**	**4,626**	**533**	**13%**
Bronx - New York	West-Bound	5,255	5,993	738	14%
	Total	9,348	10,619	1,271	14%
145TH ST BRIDGE	**East-Bound**	**2,727**	**970**	**-1,757**	**-64%**
Bronx - New York	West-Bound	3,426	1,319	-2,107	-62%
	Total	6,153	2,289	-3,864	-63%
MACOMBS DAM BRIDGE	East-Bound	3,727	3,783	56	2%
Bronx - New York	**West-Bound**	**5,024**	**5,446**	**422**	**8%**
	Total	8,751	9,229	478	5%
CROSS BRONX EXP BRIDGE	**East-Bound**	**21,405**	**18,472**	**-2,933**	**-14%**
Bronx - New York	West-Bound	18,704	19,085	381	2%
	Total	40,109	37,557	-2,552	-6%
WASHINGTON BRIDGE	**East-Bound**	**5,359**	**6,873**	**1,514**	**28%**
Bronx - New York	West-Bound	4,890	5,838	948	19%
	Total	10,249	12,711	2,462	24%
W 207TH ST BRIDGE	East-Bound	3,191	4,595	1,404	44%
Bronx - New York	**West-Bound**	**4,995**	**5,783**	**788**	**16%**
	Total	8,186	10,378	2,192	27%
BROADWAY AVE BRIDGE	North-Bound	3,078	4,076	998	32%
Bronx - New York	**South-Bound**	**4,788**	**6,617**	**1,829**	**38%**
	Total	7,866	10,694	2,828	36%
HENRY HUDSON PKY BRIDGE	North-Bound	4,992	4,467	-525	-11%
Bronx - New York	**South-Bound**	**11,780**	**8,318**	**-3,462**	**-29%**
	Total	16,772	12,785	-3,987	-24%
Manhattan - Bronx Crossings (MBX)	Bronx-Bound	60,195	61,400	1,205	2%
	Manhattan-Bound	**72,895**	**74,669**	**1,774**	**2%**
	Total	133,090	136,069	2,979	2%

Free and Tolled Facility Summary

East River Crossings - NYC & MTA	**West_Bound**	**60,045**	**69,380**	**9,335**	**16%**
	East-Bound	36,052	41,588	5,536	15%
** Free Bridges **	Total	96,097	110,968	14,871	15%
East River Crossings - MTA	**West-Bound**	**35,289**	**34,738**	**-551**	**-2%**
	East-Bound	14,349	13,724	-625	-4%
** Tolled Bridges & Tunnels **	Total	49,638	48,463	-1,175	-2%
Verrazano Narrows Bridge - MTA	West-Bound	15,899	13,752	-2,147	-14%
	East-Bound	**30,723**	**35,862**	**5,139**	**17%**
** Tolled Bridge**	Total	46,622	49,614	2,992	6%
East River Crossings - NYC & MTA	**West-Bound**	**111,233**	**117,870**	**6,637**	**6%**
	East-Bound	81,124	91,174	10,050	12%
** All Bridges & Tunnels **	Total	192,357	209,044	16,687	9%

Major Crossing Cordon Summary

Bronx- Manhattan Crossings	Bronx-Bound	55,203	56,934	1,731	3%
** Free Bridges **	**Manhattan-Bound**	**61,115**	**66,351**	**5,236**	**9%**
	Total	116,318	123,284	6,966	6%
Henry Hudson Bridge - MTA	North-Bound	4,992	4,467	-525	-11%
**Tolled Bridge **	**South-Bound**	**11,780**	**8,318**	**-3,462**	**-29%**
	Total	16,772	12,785	-3,987	-24%
Bronx- Manhattan Crossings	Bronx-Bound	60,195	61,400	1,205	2%
** All Bridges **	**Manhattan-Bound**	**72,895**	**74,669**	**1,774**	**2%**
	Total	133,090	136,069	2,979	2%
Bronx- Queens Crossings - MTA	North-Bound	41,290	46,352	5,062	12%
	South-Bound	**34,550**	**47,670**	**13,120**	**38%**
**Tolled Bridges **	Total	75,840	94,022	18,182	24%
Mid-Hudson Bridges	West_Bound	27,266	27,690	424	2%
	East-Bound	**37,979**	**32,039**	**-5,940**	**-16%**
*** Tolled Bridges***	Total	65,245	59,730	-5,515	-8%
Hudson River Crossings -PANYNJ	West_Bound	43,043	49,499	6,456	15%
	East-Bound	**67,950**	**66,132**	**-1,818**	**-3%**
** Tolled Bridges & Tunnels **	Total	110,993	115,631	4,638	4%
Staten Island Bridges - PANYNJ	**West_Bound**	**19,900**	**23,077**	**3,177**	**16%**
	East-Bound	19,555	24,872	5,317	27%
** Tolled Bridges**	Total	39,455	47,949	8,494	22%

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MD - Midday Period

* bold = peak direction

	Direction	4 PM - 8 PM Counts	Flow	Model minus Counts Diff.	Percent
OUTERBRIDGE CROSSING	West-Bound	10,583	9,694	-889	-8%
Middlesex - Richmond	**East-Bound**	**11,848**	**10,301**	**-1,547**	**-13%**
	Total	22,431	19,995	-2,436	-11%
GOETHALS BRIDGE	**West-Bound**	**11,708**	**11,307**	**-401**	**-3%**
Union - Richmond	East-Bound	12,340	12,787	447	4%
	Total	24,048	24,095	47	0%
BAYONNE BR|IDGE	**West-Bound**	**2,379**	**3,695**	**1,316**	**55%**
Hudson - Richmond	East-Bound	3,130	5,722	2,592	83%
	Total	5,509	9,417	3,908	71%
Staten Island Bridges (SIBs) - PANYNJ	**West-Bound**	**24,670**	**24,697**	**27**	**0%**
	East-Bound	27,318	28,810	1,492	5%
	Total	51,988	53,507	1,519	3%
HOLLAND TUNNEL	West-Bound	13,495	15,272	1,777	13%
Hudson - New York	**East-Bound**	**13,743**	**13,161**	**-582**	**-4%**
	Total	27,238	28,433	1,195	4%
LINCOLN TUNNEL	West-Bound	17,412	16,904	-508	-3%
Hudson - New York	**East-Bound**	**17,396**	**18,195**	**799**	**5%**
	Total	34,808	35,099	291	1%
G WASHINGTON BRIDGE	West-Bound	43,598	53,282	9,684	22%
Bergen - New York	**East-Bound**	**42,467**	**43,685**	**1,218**	**3%**
	Total	86,065	96,968	10,903	13%
Hudson River Crossings (HRX) -PANYNJ	West-Bound	74,505	85,458	10,953	15%
	East-Bound	**73,606**	**75,042**	**1,436**	**2%**
	Total	148,111	160,500	12,389	8%
TAPPAN ZEE BRIDGE	West-Bound	20,045	16,562	-3,483	-17%
Rockland - Westchester	**East-Bound**	**20,154**	**17,587**	**-2,567**	**-13%**
	Total	40,199	34,149	-6,050	-15%
MOUNTAIN BRIDGE RD	West-Bound	2,642	4,799	2,157	82%
Orange - Westchester	**East-Bound**	**2,791**	**4,438**	**1,647**	**59%**
	Total	5,433	9,237	3,804	70%
NEWBURGH BEACON BRIDGE	West-Bound	11,104	13,443	2,339	21%
Orange - Westchester	**East-Bound**	**11,292**	**12,347**	**1,055**	**9%**
	Total	22,396	25,790	3,394	15%
Mid-Hudson Bridges (MHB)	West-Bound	33,791	34,805	1,014	3%
Orange - Dutchess	**East-Bound**	**34,237**	**34,372**	**135**	**0%**
	Total	68,028	69,176	1,148	2%
VERRAZANO BRIDGE	West-Bound	30,045	26,370	-3,675	-12%
Kings - Richmond	**East-Bound**	**29,579**	**29,338**	**-241**	**-1%**
	Total	59,624	55,708	-3,916	-7%
BROOKLYN BATTERY TUNNEL - MTA	**West-Bound**	**8,712**	**8,765**	**53**	**1%**
Kings - New York	East-Bound	7,405	6,217	-1,188	-16%
	Total	16,117	14,982	-1,135	-7%
BROOKLYN BRIDGE (F)	**West-Bound**	**17,836**	**22,518**	**4,682**	**26%**
Kings - New York	East-Bound	16,420	17,303	883	5%
	Total	34,256	39,821	5,565	16%
MANHATTAN BRIDGE (F)	**West-Bound**	**10,123**	**6,390**	**-3,733**	**-37%**
Kings - New York	East-Bound	10,175	16,226	6,051	59%
	Total	20,298	22,616	2,318	11%
WILLIAMSBURG BRIDGE	**West-Bound**	**15,847**	**19,440**	**3,593**	**23%**
Kings - New York	East-Bound	14,785	15,225	440	3%
	Total	30,632	34,665	4,033	13%
QUEENS MIDTOWN TUNNEL -MTA	**West-Bound**	**16,249**	**12,606**	**-3,643**	**-22%**
	East-Bound	13,514	10,970	-2,544	-19%
	Total	29,763	23,576	-6,187	-21%
QUEENSBORO BRIDGE (F)	**West-Bound**	**23,478**	**28,437**	**4,959**	**21%**
Queens - New York	East-Bound	26,336	27,381	1,045	4%
	Total	49,814	55,818	6,004	12%
TRIBOROUGH BRIDGE (West) -MTA	**West-Bound**	**11,229**	**12,557**	**1,328**	**12%**
Queens - New York	East-Bound	10,805	11,191	386	4%
	Total	22,034	23,747	1,713	8%
East River Crossings (ERX) - NYC & MTA	**West-Bound**	**103,474**	**110,713**	**7,239**	**7%**
	East-Bound	99,440	104,513	5,073	5%
	Total	202,914	215,225	12,311	6%
TRIBOROUGH BRIDGE (North)	**North-Bound**	**2,440**	**769**	**-1,671**	**-68%**
Bronx - New York	South-Bound	6,168	1,378	-4,790	-78%
	Total	8,608	2,147	-6,461	-75%
TRIBOROUGH BRIDGE (South)	**North-Bound**	**14,225**	**15,079**	**854**	**6%**
Bronx - Queens	South-Bound	12,903	11,329	-1,574	-12%
	Total	27,128	26,408	-720	-3%
BRONX WHITESTONE BRIDGE	**North-Bound**	**14,314**	**17,783**	**3,469**	**24%**
Bronx - Queens	South-Bound	17,034	21,192	4,158	24%
	Total	31,348	38,975	7,627	24%
THROGS NECK BRIDGE	**North-Bound**	**18,299**	**22,526**	**4,227**	**23%**
Bronx - Queens	South-Bound	18,404	21,256	2,852	15%
	Total	36,703	43,782	7,079	19%
Bronx Bridges (BB) - MTA	**North-Bound**	**49,278**	**56,157**	**6,879**	**14%**
	South-Bound	54,509	55,156	647	1%
	Total	103,787	111,312	7,525	7%

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MD - Midday Period

* bold = peak direction

	Direction	4 PM - 8 PM Counts	Flow	Model minus Counts Diff.	Percent
WILLIS AVENUE BRIDGE - NB	**North-Bound**	**15,913**	**16,221**	**308**	**2%**
Bronx - New York	South-Bound				
	Total	15,913	16,221	308	2%
3RD AVE BRIDGE - SB	North-Bound				
Bronx - New York	**South-Bound**	**17,583**	**19,484**	**1,901**	**11%**
	Total	17,583	19,484	1,901	11%
MADISON AVENUE BRIDGE	**East-Bound**	**7,044**	**6,613**	**-431**	**-6%**
Bronx - New York	West-Bound	5,485	6,631	1,146	21%
	Total	12,529	13,245	716	6%
145TH ST BRIDGE	**East-Bound**	**4,368**	**1,452**	**-2,916**	**-67%**
Bronx - New York	West-Bound	4,069	2,671	-1,398	-34%
	Total	8,437	4,122	-4,315	-51%
MACOMBS DAM BRIDGE	East-Bound	5,764	4,897	-867	-15%
Bronx - New York	**West-Bound**	**6,467**	**7,352**	**885**	**14%**
	Total	12,231	12,249	18	0%
CROSS BRONX EXP BRIDGE	**East-Bound**	**31,934**	**22,491**	**-9,443**	**-30%**
Bronx - New York	West-Bound	28,422	30,717	2,295	8%
	Total	60,356	53,207	-7,149	-12%
WASHINGTON BRIDGE	**East-Bound**	**8,165**	**8,358**	**193**	**2%**
Bronx - New York	West-Bound	7,728	7,557	-171	-2%
	Total	15,893	15,915	22	0%
W 207TH ST BRIDGE	East-Bound	5,308	6,868	1,560	29%
Bronx - New York	**West-Bound**	**6,829**	**8,434**	**1,605**	**24%**
	Total	12,137	15,302	3,165	26%
BROADWAY AVE BRIDGE	North-Bound	5,499	6,333	834	15%
Bronx - New York	**South-Bound**	**5,893**	**7,961**	**2,068**	**35%**
	Total	11,392	14,293	2,901	25%
HENRY HUDSON PKY BRIDGE	North-Bound	9,016	6,791	-2,225	-25%
Bronx - New York	**South-Bound**	**11,360**	**7,271**	**-4,089**	**-36%**
	Total	20,376	14,062	-6,314	-31%
Manhattan - Bronx Crossings (MBX)	Bronx-Bound	93,011	80,024	-12,987	-14%
	Manhattan-Bound	**93,836**	**98,077**	**4,241**	**5%**
	Total	186,847	178,101	-8,746	-5%

Free and Tolled Facility Summary

East River Crossings - NYC & MTA	**West_Bound**	**67,284**	**76,785**	**9,501**	**14%**
	East-Bound	67,716	76,135	8,419	12%
** Free Bridges **	Total	135,000	152,920	17,920	13%
East River Crossings - MTA	**West-Bound**	**36,190**	**33,928**	**-2,262**	**-6%**
	East-Bound	31,724	28,378	-3,346	-11%
** Tolled Bridges & Tunnels **	Total	67,914	62,306	-5,608	-8%
Verrazano Narrows Bridge - MTA	West-Bound	30,045	26,370	-3,675	-12%
	East-Bound	**29,579**	**29,338**	**-241**	**-1%**
** Tolled Bridge**	Total	59,624	55,708	-3,916	-7%
East River Crossings - NYC & MTA	**West-Bound**	**133,519**	**137,083**	**3,564**	**3%**
	East-Bound	129,019	133,850	4,831	4%
** All Bridges & Tunnels **	Total	262,538	270,933	8,395	3%

Major Crossing Cordon Summary

Bronx- Manhattan Crossings	Bronx-Bound	83,995	73,233	-10,762	-13%
** Free Bridges **	**Manhattan-Bound**	**82,476**	**90,806**	**8,330**	**10%**
	Total	166,471	164,039	-2,432	-1%
Henry Hudson Bridge - MTA	North-Bound	9,016	6,791	-2,225	-25%
**Tolled Bridge **	**South-Bound**	**11,360**	**7,271**	**-4,089**	**-36%**
	Total	20,376	14,062	-6,314	-31%
Bronx- Manhattan Crossings	Bronx-Bound	93,011	80,024	-12,987	-14%
** All Bridges **	**Manhattan-Bound**	**93,836**	**98,077**	**4,241**	**5%**
	Total	186,847	178,101	-8,746	-5%
Bronx- Queens Crossings - MTA	North-Bound	46,838	55,387	8,549	18%
	South-Bound	**48,341**	**53,778**	**5,437**	**11%**
**Tolled Bridges **	Total	95,179	109,165	13,986	15%
Mid-Hudson Bridges	West_Bound	33,791	34,805	1,014	3%
	East-Bound	**34,237**	**34,372**	**135**	**0%**
*** Tolled Bridges***	Total	68,028	69,176	1,148	2%
Hudson River Crossings -PANYNJ	West_Bound	74,505	85,458	10,953	15%
	East-Bound	**73,606**	**75,042**	**1,436**	**2%**
** Tolled Bridges & Tunnels **	Total	148,111	160,500	12,389	8%
Staten Island Bridges - PANYNJ	**West_Bound**	**24,670**	**24,697**	**27**	**0%**
	East-Bound	27,318	28,810	1,492	5%
** Tolled Bridges**	Total	51,988	53,507	1,519	3%

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PM Peak Periods (4-8pm)

* bold = peak direction

	Direction	4 PM - 8 PM Counts	Flow	Model minus Counts Diff.	Percent
OUTERBRIDGE CROSSING	West-Bound	9,790	7,652	-2,138	-22%
Middlesex - Richmond	**East-Bound**	**9,843**	**10,301**	**458**	**5%**
	Total	19,633	17,953	-1,680	-9%
GOETHALS BRIDGE	**West-Bound**	**8,045**	**8,174**	**129**	**2%**
Union - Richmond	East-Bound	10,308	11,456	1,148	11%
	Total	18,353	19,630	1,277	7%
BAYONNE BR|IDGE	**West-Bound**	**1,664**	**1,871**	**207**	**12%**
Hudson - Richmond	East-Bound	4,115	5,849	1,734	42%
	Total	5,779	7,720	1,941	34%
Staten Island Bridges (SIBs) - PANYNJ	**West-Bound**	**19,499**	**17,697**	**-1,802**	**-9%**
	East-Bound	24,266	27,606	3,340	14%
	Total	43,765	45,303	1,538	4%
HOLLAND TUNNEL	West-Bound	8,987	13,992	5,005	56%
Hudson - New York	**East-Bound**	**10,996**	**9,952**	**-1,044**	**-9%**
	Total	19,983	23,944	3,961	20%
LINCOLN TUNNEL	West-Bound	18,819	17,655	-1,164	-6%
Hudson - New York	**East-Bound**	**8,645**	**8,827**	**182**	**2%**
	Total	27,464	26,481	-983	-4%
G WASHINGTON BRIDGE	West-Bound	41,441	47,341	5,900	14%
Bergen - New York	**East-Bound**	**31,405**	**33,498**	**2,093**	**7%**
	Total	72,846	80,839	7,993	11%
Hudson River Crossings (HRX) -PANYNJ	West-Bound	69,247	78,988	9,741	14%
	East-Bound	**51,046**	**52,277**	**1,231**	**2%**
	Total	120,293	131,265	10,972	9%
TAPPAN ZEE BRIDGE	West-Bound	18,829	15,107	-3,722	-20%
Rockland - Westchester	**East-Bound**	**14,680**	**17,076**	**2,396**	**16%**
	Total	33,509	32,183	-1,326	-4%
MOUNTAIN BRIDGE RD	West-Bound	2,592	1,993	-599	-23%
Orange - Westchester	**East-Bound**	**2,534**	**4,641**	**2,107**	**83%**
	Total	5,126	6,634	1,508	29%
NEWBURGH BEACON BRIDGE	West-Bound	7,495	10,165	2,670	36%
Orange - Westchester	**East-Bound**	**8,868**	**11,415**	**2,547**	**29%**
	Total	16,363	21,581	5,218	32%
Mid-Hudson Bridges (MHB)	West-Bound	28,916	27,266	-1,650	-6%
Orange - Dutchess	**East-Bound**	**26,082**	**33,133**	**7,051**	**27%**
	Total	54,998	60,398	5,400	10%
VERRAZANO BRIDGE	West-Bound	30,514	27,825	-2,689	-9%
Kings - Richmond	**East-Bound**	**24,238**	**21,865**	**-2,373**	**-10%**
	Total	54,752	49,690	-5,062	-9%
BROOKLYN BATTERY TUNNEL - MTA	**West-Bound**	**4,812**	**2,862**	**-1,950**	**-41%**
Kings - New York	East-Bound	9,964	8,517	-1,447	-15%
	Total	14,776	11,378	-3,398	-23%
BROOKLYN BRIDGE (F)	**West-Bound**	**13,616**	**11,322**	**-2,294**	**-17%**
Kings - New York	East-Bound	13,741	18,251	4,510	33%
	Total	27,357	29,572	2,215	8%
MANHATTAN BRIDGE (F)	**West-Bound**	**6,132**	**9,901**	**3,769**	**61%**
Kings - New York	East-Bound	9,516	13,919	4,403	46%
	Total	15,648	23,820	8,172	52%
WILLIAMSBURG BRIDGE	**West-Bound**	**11,114**	**11,530**	**416**	**4%**
Kings - New York	East-Bound	12,542	17,404	4,862	39%
	Total	23,656	28,934	5,278	22%
QUEENS MIDTOWN TUNNEL -MTA	**West-Bound**	**10,927**	**6,508**	**-4,419**	**-40%**
	East-Bound	10,584	10,456	-128	-1%
	Total	21,511	16,963	-4,548	-21%
QUEENSBORO BRIDGE (F)	**West-Bound**	**15,507**	**15,768**	**261**	**2%**
Queens - New York	East-Bound	21,863	31,178	9,315	43%
	Total	37,370	46,947	9,577	26%
TRIBOROUGH BRIDGE (West) -MTA	**West-Bound**	**8,267**	**6,926**	**-1,341**	**-16%**
Queens - New York	East-Bound	7,867	9,115	1,248	16%
	Total	16,134	16,041	-93	-1%
East River Crossings (ERX) - NYC & MTA	**West-Bound**	**70,375**	**64,816**	**-5,559**	**-8%**
	East-Bound	86,077	108,839	22,762	26%
	Total	156,452	173,655	17,203	11%
TRIBOROUGH BRIDGE (North)	**North-Bound**	**1,681**	**1,916**	**235**	**14%**
Bronx - New York	South-Bound	4,333	847	-3,486	-80%
	Total	6,014	2,764	-3,250	-54%
TRIBOROUGH BRIDGE (South)	**North-Bound**	**9,566**	**13,243**	**3,677**	**38%**
Bronx - Queens	South-Bound	9,496	10,913	1,417	15%
	Total	19,062	24,157	5,095	27%
BRONX WHITESTONE BRIDGE	**North-Bound**	**9,778**	**15,052**	**5,274**	**54%**
Bronx - Queens	South-Bound	14,590	18,166	3,576	25%
	Total	24,368	33,219	8,851	36%
THROGS NECK BRIDGE	**North-Bound**	**11,920**	**19,657**	**7,737**	**65%**
Bronx - Queens	South-Bound	16,671	18,763	2,092	13%
	Total	28,591	38,419	9,828	34%
Bronx Bridges (BB) - MTA	**North-Bound**	**32,945**	**49,868**	**16,923**	**51%**
	South-Bound	45,090	48,690	3,600	8%
	Total	78,035	98,558	20,523	26%

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PM Peak Periods (4-8pm)

* bold = peak direction

	Direction	4 PM - 8 PM Counts	Flow	Model minus Counts Diff.	Percent
WILLIS AVENUE BRIDGE - NB	**North-Bound**	**12,519**	**16,807**	**4,288**	**34%**
Bronx - New York	South-Bound				
	Total	12,519	16,807	4,288	34%
3RD AVE BRIDGE - SB	North-Bound				
Bronx - New York	**South-Bound**	**13,051**	**15,537**	**2,486**	**19%**
	Total	13,051	15,537	2,486	19%
MADISON AVENUE BRIDGE	**East-Bound**	**6,122**	**7,468**	**1,346**	**22%**
Bronx - New York	West-Bound	4,360	4,624	264	6%
	Total	10,482	12,092	1,610	15%
145TH ST BRIDGE	**East-Bound**	**4,710**	**1,590**	**-3,120**	**-66%**
Bronx - New York	West-Bound	3,225	1,925	-1,300	-40%
	Total	7,935	3,515	-4,420	-56%
MACOMBS DAM BRIDGE	East-Bound	4,204	4,917	713	17%
Bronx - New York	**West-Bound**	**4,456**	**5,445**	**989**	**22%**
	Total	8,660	10,362	1,702	20%
CROSS BRONX EXP BRIDGE	**East-Bound**	**18,484**	**16,565**	**-1,919**	**-10%**
Bronx - New York	West-Bound	18,695	24,831	6,136	33%
	Total	37,179	41,395	4,216	11%
WASHINGTON BRIDGE	**East-Bound**	**7,403**	**7,924**	**521**	**7%**
Bronx - New York	West-Bound	6,269	5,236	-1,033	-16%
	Total	13,672	13,160	-512	-4%
W 207TH ST BRIDGE	East-Bound	3,798	6,698	2,900	76%
Bronx - New York	**West-Bound**	**4,504**	**5,796**	**1,292**	**29%**
	Total	8,302	12,494	4,192	50%
BROADWAY AVE BRIDGE	North-Bound	5,509	6,165	656	12%
Bronx - New York	**South-Bound**	**4,923**	**5,406**	**483**	**10%**
	Total	10,432	11,571	1,139	11%
HENRY HUDSON PKY BRIDGE	North-Bound	11,174	9,265	-1,909	-17%
Bronx - New York	**South-Bound**	**10,036**	**3,451**	**-6,585**	**-66%**
	Total	21,210	12,716	-8,494	-40%
Manhattan - Bronx Crossings (MBX)	Bronx-Bound	73,923	77,399	3,476	5%
	Manhattan-Bound	**69,519**	**72,249**	**2,730**	**4%**
	Total	143,442	149,648	6,206	4%

Free and Tolled Facility Summary

East River Crossings - NYC & MTA	**West_Bound**	**46,369**	**48,520**	**2,151**	**5%**
	East-Bound	57,662	80,752	23,090	40%
** Free Bridges **	Total	104,031	129,273	25,242	24%
East River Crossings - MTA	**West-Bound**	**24,006**	**16,295**	**-7,711**	**-32%**
	East-Bound	28,415	28,087	-328	-1%
** Tolled Bridges & Tunnels **	Total	52,421	44,383	-8,038	-15%
Verrazano Narrows Bridge - MTA	West-Bound	30,514	27,825	-2,689	-9%
	East-Bound	**24,238**	**21,865**	**-2,373**	**-10%**
** Tolled Bridge**	Total	54,752	49,690	-5,062	-9%
East River Crossings - NYC & MTA	**West-Bound**	**100,889**	**92,641**	**-8,248**	**-8%**
	East-Bound	110,315	130,704	20,389	18%
** All Bridges & Tunnels **	Total	211,204	223,345	12,141	6%

Major Crossing Cordon Summary

Bronx- Manhattan Crossings	Bronx-Bound	62,749	68,134	5,385	9%
** Free Bridges **	**Manhattan-Bound**	**59,483**	**68,798**	**9,315**	**16%**
	Total	122,232	136,933	14,701	12%
Henry Hudson Bridge - MTA	North-Bound	11,174	9,265	-1,909	-17%
**Tolled Bridge **	**South-Bound**	**10,036**	**3,451**	**-6,585**	**-66%**
	Total	21,210	12,716	-8,494	-40%
Bronx- Manhattan Crossings	Bronx-Bound	73,923	77,399	3,476	5%
** All Bridges **	**Manhattan-Bound**	**69,519**	**72,249**	**2,730**	**4%**
	Total	143,442	149,648	6,206	4%
Bronx- Queens Crossings - MTA	North-Bound	31,264	47,952	16,688	53%
	South-Bound	**40,757**	**47,842**	**7,085**	**17%**
**Tolled Bridges **	Total	72,021	95,794	23,773	33%
Mid-Hudson Bridges	West_Bound	28,916	27,266	-1,650	-6%
	East-Bound	**26,082**	**33,133**	**7,051**	**27%**
*** Tolled Bridges***	Total	54,998	60,398	5,400	10%
Hudson River Crossings -PANYNJ	West_Bound	69,247	78,988	9,741	14%
	East-Bound	**51,046**	**52,277**	**1,231**	**2%**
** Tolled Bridges & Tunnels **	Total	120,293	131,265	10,972	9%
Staten Island Bridges - PANYNJ	**West_Bound**	**19,499**	**17,697**	**-1,802**	**-9%**
	East-Bound	24,266	27,606	3,340	14%
** Tolled Bridges**	Total	43,765	45,303	1,538	4%

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NT - Night and Early Morning

8PM - 6 AM

* bold = peak direction

	Direction	Counts	Flow	Model minus Counts Diff.	Percent
OUTERBRIDGE CROSSING	West-Bound	7,884	5,736	-2,148	-27%
Middlesex - Richmond	**East-Bound**	**8,385**	**7,762**	**-623**	**-7%**
	Total	16,269	13,498	-2,771	-17%
GOETHALS BRIDGE	**West-Bound**	**5,734**	**6,720**	**986**	**17%**
Union - Richmond	East-Bound	8,769	10,274	1,505	17%
	Total	14,503	16,994	2,491	17%
BAYONNE BR|IDGE	**West-Bound**	**1,394**	**1,658**	**264**	**19%**
Hudson - Richmond	East-Bound	2,149	3,593	1,444	67%
	Total	3,543	5,251	1,708	48%
Staten Island Bridges (SIBs) - PANYNJ	**West-Bound**	**15,012**	**14,114**	**-898**	**-6%**
	East-Bound	19,303	21,629	2,326	12%
	Total	34,315	35,743	1,428	4%
HOLLAND TUNNEL	West-Bound	13,219	15,681	2,462	19%
Hudson - New York	**East-Bound**	**11,172**	**12,681**	**1,509**	**14%**
	Total	24,391	28,362	3,971	16%
LINCOLN TUNNEL	West-Bound	18,569	14,726	-3,843	-21%
Hudson - New York	**East-Bound**	**13,256**	**14,930**	**1,674**	**13%**
	Total	31,825	29,656	-2,169	-7%
G WASHINGTON BRIDGE	West-Bound	38,903	31,759	-7,144	-18%
Bergen - New York	**East-Bound**	**30,660**	**34,647**	**3,987**	**13%**
	Total	69,563	66,406	-3,157	-5%
Hudson River Crossings (HRX) -PANYNJ	West-Bound	70,691	62,166	-8,525	-12%
	East-Bound	**55,088**	**62,258**	**7,170**	**13%**
	Total	125,779	124,424	-1,355	-1%
TAPPAN ZEE BRIDGE	West-Bound	9,843	6,618	-3,225	-33%
Rockland - Westchester	**East-Bound**	**9,617**	**11,858**	**2,241**	**23%**
	Total	19,460	18,476	-984	-5%
MOUNTAIN BRIDGE RD	West-Bound	973	1,256	283	29%
Orange - Westchester	**East-Bound**	**1,515**	**1,929**	**414**	**27%**
	Total	2,488	3,185	697	28%
NEWBURGH BEACON BRIDGE	West-Bound	6,859	7,538	679	10%
Orange - Westchester	**East-Bound**	**6,474**	**8,997**	**2,523**	**39%**
	Total	13,333	16,536	3,203	24%
Mid-Hudson Bridges (MHB)	West-Bound	17,675	15,412	-2,263	-13%
Orange - Dutchess	**East-Bound**	**17,606**	**22,784**	**5,178**	**29%**
	Total	35,281	38,197	2,916	8%
VERRAZANO BRIDGE	West-Bound	21,564	13,898	-7,666	-36%
Kings - Richmond	**East-Bound**	**22,247**	**18,013**	**-4,234**	**-19%**
	Total	43,811	31,911	-11,900	-27%
BROOKLYN BATTERY TUNNEL - MTA	**West-Bound**	**3,110**	**958**	**-2,152**	**-69%**
Kings - New York	East-Bound	6,787	1,790	-4,997	-74%
	Total	9,897	2,748	-7,149	-72%
BROOKLYN BRIDGE (F)	**West-Bound**	**17,534**	**15,014**	**-2,520**	**-14%**
Kings - New York	East-Bound	19,977	16,871	-3,106	-16%
	Total	37,511	31,885	-5,626	-15%
MANHATTAN BRIDGE (F)	**West-Bound**	**10,203**	**7,616**	**-2,587**	**-25%**
Kings - New York	East-Bound	12,373	9,495	-2,878	-23%
	Total	22,576	17,112	-5,464	-24%
WILLIAMSBURG BRIDGE	**West-Bound**	**17,430**	**15,069**	**-2,361**	**-14%**
Kings - New York	East-Bound	18,743	13,995	-4,748	-25%
	Total	36,173	29,064	-7,109	-20%
QUEENS MIDTOWN TUNNEL -MTA	**West-Bound**	**7,362**	**5,953**	**-1,409**	**-19%**
	East-Bound	10,405	9,165	-1,240	-12%
	Total	17,767	15,118	-2,649	-15%
QUEENSBORO BRIDGE (F)	**West-Bound**	**23,798**	**19,561**	**-4,237**	**-18%**
Queens - New York	East-Bound	32,122	23,656	-8,466	-26%
	Total	55,920	43,218	-12,702	-23%
TRIBOROUGH BRIDGE (West) -MTA	**West-Bound**	**5,967**	**2,580**	**-3,387**	**-57%**
Queens - New York	East-Bound	6,594	3,963	-2,631	-40%
	Total	12,561	6,543	-6,018	-48%
East River Crossings (ERX) - NYC & MTA	**West-Bound**	**85,404**	**66,752**	**-18,652**	**-22%**
	East-Bound	107,001	78,935	-28,066	-26%
	Total	192,405	145,687	-46,718	-24%
TRIBOROUGH BRIDGE (North)	**North-Bound**	**1,429**	**614**	**-815**	**-57%**
Bronx - New York	South-Bound	2,216	288	-1,928	-87%
	Total	3,645	902	-2,743	-75%
TRIBOROUGH BRIDGE (South)	**North-Bound**	**7,951**	**5,434**	**-2,517**	**-32%**
Bronx - Queens	South-Bound	10,661	3,946	-6,715	-63%
	Total	18,612	9,380	-9,232	-50%
BRONX WHITESTONE BRIDGE	**North-Bound**	**10,796**	**10,305**	**-491**	**-5%**
Bronx - Queens	South-Bound	12,266	13,539	1,273	10%
	Total	23,062	23,844	782	3%
THROGS NECK BRIDGE	**North-Bound**	**10,044**	**12,825**	**2,781**	**28%**
Bronx - Queens	South-Bound	11,856	12,744	888	7%
	Total	21,900	25,570	3,670	17%
Bronx Bridges (BB) - MTA	**North-Bound**	**30,220**	**29,179**	**-1,041**	**-3%**
	South-Bound	36,999	30,517	-6,482	-18%
	Total	67,219	59,696	-7,523	-11%

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NT - Night and Early Morning

* bold = peak direction

	Direction	8PM - 6 AM Counts	Flow	Model minus Counts Diff.	Percent
WILLIS AVENUE BRIDGE - NB	**North-Bound**	**16,879**	**15,797**	**-1,082**	**-6%**
Bronx - New York	South-Bound				
	Total	16,879	15,797	-1,082	-6%
3RD AVE BRIDGE - SB	North-Bound				
Bronx - New York	**South-Bound**	**15,882**	**12,876**	**-3,006**	**-19%**
	Total	15,882	12,876	-3,006	-19%
MADISON AVENUE BRIDGE	**East-Bound**	**6,770**	**6,278**	**-492**	**-7%**
Bronx - New York	West-Bound	3,837	3,192	-645	-17%
	Total	10,607	9,469	-1,138	-11%
145TH ST BRIDGE	**East-Bound**	**3,238**	**506**	**-2,732**	**-84%**
Bronx - New York	West-Bound	2,986	1,237	-1,749	-59%
	Total	6,224	1,743	-4,481	-72%
MACOMBS DAM BRIDGE	East-Bound	5,060	3,598	-1,462	-29%
Bronx - New York	**West-Bound**	**4,925**	**4,604**	**-321**	**-7%**
	Total	9,985	8,202	-1,783	-18%
CROSS BRONX EXP BRIDGE	**East-Bound**	**28,888**	**23,325**	**-5,563**	**-19%**
Bronx - New York	West-Bound	25,681	23,730	-1,951	-8%
	Total	54,569	47,055	-7,514	-14%
WASHINGTON BRIDGE	**East-Bound**	**6,837**	**4,810**	**-2,027**	**-30%**
Bronx - New York	West-Bound	5,363	4,267	-1,096	-20%
	Total	12,200	9,078	-3,122	-26%
W 207TH ST BRIDGE	East-Bound	5,467	2,361	-3,106	-57%
Bronx - New York	**West-Bound**	**5,138**	**5,016**	**-122**	**-2%**
	Total	10,605	7,377	-3,228	-30%
BROADWAY AVE BRIDGE	North-Bound	3,658	3,852	194	5%
Bronx - New York	**South-Bound**	**3,944**	**3,512**	**-432**	**-11%**
	Total	7,602	7,364	-238	-3%
HENRY HUDSON PKY BRIDGE	North-Bound	7,392	1,606	-5,786	-78%
Bronx - New York	**South-Bound**	**3,888**	**871**	**-3,017**	**-78%**
	Total	11,280	2,477	-8,803	-78%
Manhattan - Bronx Crossings (MBX)	Bronx-Bound	84,189	62,133	-22,056	-26%
	Manhattan-Bound	**71,644**	**59,306**	**-12,338**	**-17%**
	Total	155,833	121,439	-34,394	-22%

Free and Tolled Facility Summary

East River Crossings - NYC & MTA	**West_Bound**	**68,965**	**57,261**	**-11,704**	**-17%**
	East-Bound	83,215	64,017	-19,198	-23%
** Free Bridges **	Total	152,180	121,278	-30,902	-20%
East River Crossings - MTA	**West-Bound**	**16,439**	**9,491**	**-6,948**	**-42%**
	East-Bound	23,786	14,918	-8,868	-37%
** Tolled Bridges & Tunnels **	Total	40,225	24,409	-15,816	-39%
Verrazano Narrows Bridge - MTA	West-Bound	21,564	13,898	-7,666	-36%
	East-Bound	**22,247**	**18,013**	**-4,234**	**-19%**
** Tolled Bridge**	Total	43,811	31,911	-11,900	-27%
East River Crossings - NYC & MTA	**West-Bound**	**106,968**	**80,650**	**-26,318**	**-25%**
	East-Bound	129,248	96,948	-32,300	-25%
** All Bridges & Tunnels **	Total	236,216	177,598	-58,618	-25%

Major Crossing Cordon Summary

Bronx- Manhattan Crossings	Bronx-Bound	76,797	60,527	-16,270	-21%
** Free Bridges **	**Manhattan-Bound**	**67,756**	**58,435**	**-9,321**	**-14%**
	Total	144,553	118,962	-25,591	-18%
Henry Hudson Bridge - MTA	North-Bound	7,392	1,606	-5,786	-78%
**Tolled Bridge **	**South-Bound**	**3,888**	**871**	**-3,017**	**-78%**
	Total	11,280	2,477	-8,803	-78%
Bronx- Manhattan Crossings	Bronx-Bound	84,189	62,133	-22,056	-26%
** All Bridges **	**Manhattan-Bound**	**71,644**	**59,306**	**-12,338**	**-17%**
	Total	155,833	121,439	-34,394	-22%
Bronx- Queens Crossings - MTA	North-Bound	28,791	28,565	-226	-1%
	South-Bound	**34,783**	**30,229**	**-4,554**	**-13%**
**Tolled Bridges **	Total	63,574	58,794	-4,780	-8%
Mid-Hudson Bridges	West_Bound	17,675	15,412	-2,263	-13%
	East-Bound	**17,606**	**22,784**	**5,178**	**29%**
*** Tolled Bridges***	Total	35,281	38,197	2,916	8%
Hudson River Crossings -PANYNJ	West_Bound	70,691	62,166	-8,525	-12%
	East-Bound	**55,088**	**62,258**	**7,170**	**13%**
** Tolled Bridges & Tunnels **	Total	125,779	124,424	-1,355	-1%
Staten Island Bridges - PANYNJ	**West_Bound**	**15,012**	**14,114**	**-898**	**-6%**
	East-Bound	19,303	21,629	2,326	12%
** Tolled Bridges**	Total	34,315	35,743	1,428	4%

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DY Total Weekday

	Direction	Daily Counts	Flow	Model minus Counts Diff.	Percent
OUTERBRIDGE CROSSING	West-Bound	40,018	30,966	-9,052	-23%
Middlesex - Richmond	**East-Bound**	**41,090**	**36,954**	**-4,136**	**-10%**
	Total	81,108	67,920	-13,188	-16%
GOETHALS BRIDGE	**West-Bound**	**35,185**	**49,150**	**13,965**	**40%**
Union - Richmond	East-Bound	39,954	55,836	15,882	40%
	Total	75,139	104,986	29,847	40%
BAYONNE BRIIDGE	**West-Bound**	**10,940**	**10,509**	**-431**	**-4%**
Hudson - Richmond	East-Bound	13,290	14,648	1,358	10%
	Total	24,230	25,157	927	4%
Staten Island Bridges (SIBs) - PANYNJ	**West-Bound**	**86,143**	**90,626**	**4,483**	**5%**
	East-Bound	94,334	107,438	13,104	14%
	Total	180,477	198,064	17,587	10%
HOLLAND TUNNEL	West-Bound	49,992	60,167	10,175	20%
Hudson - New York	**East-Bound**	**46,968**	**47,979**	**1,011**	**2%**
	Total	96,960	108,146	11,186	12%
LINCOLN TUNNEL	West-Bound	64,995	65,656	661	1%
Hudson - New York	**East-Bound**	**61,460**	**60,090**	**-1,370**	**-2%**
	Total	126,455	125,746	-709	-1%
G WASHINGTON BRIDGE	West-Bound	156,441	152,226	-4,215	-3%
Bergen - New York	**East-Bound**	**147,861**	**152,378**	**4,517**	**3%**
	Total	304,302	304,604	302	0%
Hudson River Crossings (HRX) -PANYNJ	West-Bound	271,428	278,049	6,621	2%
	East-Bound	**256,289**	**260,447**	**4,158**	**2%**
	Total	527,717	538,496	10,779	2%
TAPPAN ZEE BRIDGE	West-Bound	72,331	60,689	-11,642	-16%
Rockland - Westchester	**East-Bound**	**70,960**	**58,709**	**-12,251**	**-17%**
	Total	143,291	119,397	-23,894	-17%
MOUNTAIN BRIDGE RD	West-Bound	8,871	9,927	1,056	12%
Orange - Westchester	**East-Bound**	**10,499**	**12,169**	**1,670**	**16%**
	Total	19,370	22,097	2,727	14%
NEWBURGH BEACON BRIDGE	West-Bound	38,307	31,731	-6,576	-17%
Orange - Westchester	**East-Bound**	**38,769**	**32,652**	**-6,117**	**-16%**
	Total	77,076	64,384	-12,692	-16%
Mid-Hudson Bridges (MHB)	West-Bound	119,509	102,347	-17,162	-14%
Orange - Dutchess	**East-Bound**	**120,228**	**103,530**	**-16,698**	**-14%**
	Total	239,737	205,878	-33,859	-14%
VERRAZANO BRIDGE	West-Bound	92,388	83,690	-8,698	-9%
Kings - Richmond	**East-Bound**	**101,299**	**102,277**	**978**	**1%**
	Total	193,687	185,967	-7,720	-4%
BROOKLYN BATTERY TUNNEL - MTA	**West-Bound**	**26,276**	**22,570**	**-3,706**	**-14%**
Kings - New York	East-Bound	22,767	17,107	-5,660	-25%
	Total	49,043	39,677	-9,366	-19%
BROOKLYN BRIDGE (F)	**West-Bound**	**68,190**	**63,230**	**-4,960**	**-7%**
Kings - New York	East-Bound	64,020	68,696	4,676	7%
	Total	132,210	131,926	-284	0%
MANHATTAN BRIDGE (F)	**West-Bound**	**38,989**	**48,101**	**9,112**	**23%**
Kings - New York	East-Bound	41,374	33,201	-8,173	-20%
	Total	80,363	81,302	939	1%
WILLIAMSBURG BRIDGE	**West-Bound**	**54,708**	**63,992**	**9,284**	**17%**
Kings - New York	East-Bound	52,322	69,828	17,506	33%
	Total	107,030	133,819	26,789	25%
QUEENS MIDTOWN TUNNEL -MTA	**West-Bound**	**46,309**	**34,642**	**-11,667**	**-25%**
	East-Bound	39,754	25,662	-14,092	-35%
	Total	86,063	60,304	-25,759	-30%
QUEENSBORO BRIDGE (F)	**West-Bound**	**87,635**	**92,018**	**4,383**	**5%**
Queens - New York	East-Bound	90,975	93,841	2,866	3%
	Total	178,610	185,859	7,249	4%
TRIBOROUGH BRIDGE (West) -MTA	**West-Bound**	**34,053**	**21,514**	**-12,539**	**-37%**
Queens - New York	East-Bound	33,195	27,271	-5,924	-18%
	Total	67,248	48,784	-18,464	-27%
East River Crossings (ERX) - NYC & MTA	**West-Bound**	**356,160**	**346,066**	**-10,094**	**-3%**
	East-Bound	344,407	335,606	-8,801	-3%
	Total	700,567	681,672	-18,895	-3%
TRIBOROUGH BRIDGE (North)	North-Bound	7,884	6,411	-1,473	-19%
Bronx - New York	**South-Bound**	**16,766**	**4,031**	**-12,735**	**-76%**
	Total	24,650	10,442	-14,208	-58%
TRIBOROUGH BRIDGE (South)	**North-Bound**	**38,533**	**44,830**	**6,297**	**16%**
Bronx - Queens	South-Bound	38,724	37,100	-1,624	-4%
	Total	77,257	81,930	4,673	6%
BRONX WHITESTONE BRIDGE	**North-Bound**	**51,141**	**52,429**	**1,288**	**3%**
Bronx - Queens	South-Bound	53,918	52,822	-1,096	-2%
	Total	105,059	105,251	192	0%
THROGS NECK BRIDGE	**North-Bound**	**56,871**	**62,419**	**5,548**	**10%**
Bronx - Queens	South-Bound	58,102	61,728	3,626	6%
	Total	114,973	124,147	9,174	8%
Bronx Bridges (BB) - MTA	**North-Bound**	**154,429**	**166,090**	**11,661**	**8%**
	South-Bound	167,510	155,679	-11,831	-7%
	Total	321,939	321,769	-170	0%

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DY Total Weekday

	Direction	Daily Counts	Flow	Model minus Counts Diff.	Percent
WILLIS AVENUE BRIDGE - NB	North-Bound	66,972	60,394	-6,578	-10%
Bronx - New York	**South-Bound**	**0**	**0**	**0**	
	Total	66,972	60,394	-6,578	-10%
3RD AVE BRIDGE - SB	North-Bound	0	0	0	
Bronx - New York	**South-Bound**	**63,356**	**49,856**	**-13,500**	**-21%**
	Total	63,356	49,856	-13,500	-21%
MADISON AVENUE BRIDGE	North-Bound	24,544	28,316	3,772	15%
Bronx - New York	**South-Bound**	**23,853**	**31,275**	**7,422**	**31%**
	Total	48,397	59,591	11,194	23%
145TH ST BRIDGE	North-Bound	18,393	13,125	-5,268	-29%
Bronx - New York	**South-Bound**	**18,443**	**13,741**	**-4,702**	**-25%**
	Total	36,836	26,865	-9,971	-27%
MACOMBS DAM BRIDGE	North-Bound	20,542	18,724	-1,818	-9%
Bronx - New York	**South-Bound**	**22,032**	**36,227**	**14,195**	**64%**
	Total	42,574	54,951	12,377	29%
CROSS BRONX EXP BRIDGE	North-Bound	92,011	84,104	-7,907	-9%
Bronx - New York	**South-Bound**	**89,555**	**90,081**	**526**	**1%**
	Total	181,566	174,186	-7,380	-4%
WASHINGTON BRIDGE	North-Bound	33,030	23,421	-9,609	-29%
Bronx - New York	**South-Bound**	**24,989**	**21,700**	**-3,289**	**-13%**
	Total	58,019	45,121	-12,898	-22%
W 207TH ST BRIDGE	North-Bound	19,895	26,791	6,896	35%
Bronx - New York	**South-Bound**	**25,043**	**25,393**	**350**	**1%**
	Total	44,938	52,185	7,247	16%
BROADWAY AVE BRIDGE	North-Bound	16,514	14,794	-1,720	-10%
Bronx - New York	**South-Bound**	**17,037**	**14,678**	**-2,359**	**-14%**
	Total	33,551	29,471	-4,080	-12%
HENRY HUDSON PKY BRIDGE	North-Bound	32,745	31,888	-857	-3%
Bronx - New York	**South-Bound**	**38,621**	**25,036**	**-13,585**	**-35%**
	Total	71,366	56,924	-14,442	-20%
Manhattan - Bronx Crossings (MBX)	North-Bound	324,646	301,558	-23,088	-7%
	South-Bound	**322,929**	**307,986**	**-14,943**	**-5%**
	Total	647,575	609,544	-38,031	-6%

Free and Tolled Facility Summary

East River Crossings - NYC & MTA	**West_Bound**	**249,522**	**267,340**	**17,818**	**7%**
	East-Bound	248,691	265,566	16,875	7%
** Free Bridges **	Total	498,213	532,907	34,694	7%
East River Crossings - MTA	**West-Bound**	**106,638**	**78,725**	**-27,913**	**-26%**
	East-Bound	95,716	70,040	-25,676	-27%
** Tolled Bridges & Tunnels **	Total	202,354	148,765	-53,589	-26%
Verrazano Narrows Bridge - MTA	West-Bound	92,388	83,690	-8,698	-9%
	East-Bound	**101,299**	**102,277**	**978**	**1%**
** Tolled Bridge**	Total	193,687	185,967	-7,720	-4%
East River Crossings - NYC & MTA	**West-Bound**	**448,548**	**429,755**	**-18,793**	**-4%**
	East-Bound	445,706	437,883	-7,823	-2%
** All Bridges & Tunnels **	Total	894,254	867,639	-26,615	-3%

Major Crossing Cordon Summary

Bronx- Manhattan Crossings	North-Bound	291,901	269,670	-22,231	-8%
** Free Bridges **	**South-Bound**	**284,308**	**282,950**	**-1,358**	**0%**
	Total	576,209	552,619	-23,590	-4%
Henry Hudson Bridge - MTA	North-Bound	32,745	31,888	-857	-3%
**Tolled Bridge **	**South-Bound**	**38,621**	**25,036**	**-13,585**	**-35%**
	Total	71,366	56,924	-14,442	-20%
Bronx- Manhattan Crossings	North-Bound	324,646	301,558	-23,088	-7%
** All Bridges **	**South-Bound**	**322,929**	**307,986**	**-14,943**	**-5%**
	Total	647,575	609,544	-38,031	-6%
Bronx- Queens Crossings - MTA	North-Bound	146,545	159,679	13,134	9%
	South-Bound	**150,744**	**151,649**	**905**	**1%**
**Tolled Bridges **	Total	297,289	311,327	14,038	5%
Mid-Hudson Bridges	West_Bound	119,509	102,347	-17,162	-14%
	East-Bound	**120,228**	**103,530**	**-16,698**	**-14%**
*** Tolled Bridges**	Total	239,737	205,878	-33,859	-14%
Hudson River Crossings -PANYNJ	West_Bound	271,428	278,049	6,621	2%
	East-Bound	**256,289**	**260,447**	**4,158**	**2%**
** Tolled Bridges & Tunnels **	Total	527,717	538,496	10,779	2%
Staten Island Bridges - PANYNJ	**West_Bound**	**86,143**	**90,626**	**4,483**	**5%**
	East-Bound	94,334	107,438	13,104	14%
** Tolled Bridges**	Total	180,477	198,064	17,587	10%

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AM Peak Period (6-10am)

* bold = peak direction

	Direction	6-10 AM Counts	Flow	Model minus Counts Diff.	Percent
OUTERBRIDGE CROSSING	West-Bound	8,898	6,687	-2,211	-25%
Middlesex - Richmond	**East-Bound**	**9,820**	**10,977**	**1,157**	**12%**
	Total	18,718	17,664	-1,054	-6%
GOETHALS BRIDGE	**West-Bound**	**9,972**	**11,346**	**1,374**	**14%**
Union - Richmond	East-Bound	7,711	12,177	4,466	58%
	Total	17,683	23,523	5,840	33%
BAYONNE BRIDGE	**West-Bound**	**4,456**	**2,753**	**-1,703**	**-38%**
Hudson - Richmond	East-Bound	1,898	2,914	1,016	54%
	Total	6,354	5,667	-687	-11%
Staten Island Bridges (SIBs) - PANYNJ	**West-Bound**	**23,326**	**20,785**	**-2,541**	**-11%**
	East-Bound	19,429	26,068	6,639	34%
	Total	42,755	46,854	4,099	10%
HOLLAND TUNNEL	West-Bound	10,453	10,959	506	5%
Hudson - New York	**East-Bound**	**12,192**	**12,849**	**657**	**5%**
	Total	22,645	23,809	1,164	5%
LINCOLN TUNNEL	West-Bound	8,328	8,294	-34	0%
Hudson - New York	**East-Bound**	**19,005**	**17,893**	**-1,112**	**-6%**
	Total	27,333	26,187	-1,146	-4%
G WASHINGTON BRIDGE	West-Bound	29,363	33,524	4,161	14%
Bergen - New York	**East-Bound**	**39,802**	**41,539**	**1,737**	**4%**
	Total	69,165	75,063	5,898	9%
Hudson River Crossings (HRX) -PANYNJ	West-Bound	48,144	52,778	4,634	10%
	East-Bound	**70,999**	**72,281**	**1,282**	**2%**
	Total	119,143	125,058	5,915	5%
TAPPAN ZEE BRIDGE	West-Bound	18,661	11,970	-6,691	-36%
Rockland - Westchester	**East-Bound**	**24,133**	**21,862**	**-2,271**	**-9%**
	Total	42,794	33,832	-8,962	-21%
MOUNTAIN BRIDGE RD	West-Bound	2,289	2,982	693	30%
Orange - Westchester	**East-Bound**	**3,076**	**3,396**	**320**	**10%**
	Total	5,365	6,378	1,013	19%
NEWBURGH BEACON BRIDGE	West-Bound	9,866	5,982	-3,884	-39%
Orange - Westchester	**East-Bound**	**7,708**	**7,834**	**126**	**2%**
	Total	17,574	13,816	-3,758	-21%
Mid-Hudson Bridges (MHB)	West-Bound	30,816	20,934	-9,882	-32%
Orange - Dutchess	**East-Bound**	**34,917**	**33,092**	**-1,825**	**-5%**
	Total	65,733	54,026	-11,707	-18%
VERRAZANO BRIDGE	West-Bound	15,512	13,719	-1,793	-12%
Kings - Richmond	**East-Bound**	**29,146**	**35,888**	**6,742**	**23%**
	Total	44,658	49,607	4,949	11%
BROOKLYN BATTERY TUNNEL - MTA	**West-Bound**	**10,788**	**9,625**	**-1,163**	**-11%**
Kings - New York	East-Bound	2,288	1,711	-577	-25%
	Total	13,076	11,336	-1,740	-13%
BROOKLYN BRIDGE (F)	**West-Bound**	**15,176**	**14,609**	**-567**	**-4%**
Kings - New York	East-Bound	10,428	14,022	3,594	34%
	Total	25,604	28,631	3,027	12%
MANHATTAN BRIDGE (F)	**West-Bound**	**10,284**	**13,898**	**3,614**	**35%**
Kings - New York	East-Bound	5,690	6,532	842	15%
	Total	15,974	20,430	4,456	28%
WILLIAMSBURG BRIDGE	**West-Bound**	**13,704**	**15,984**	**2,280**	**17%**
Kings - New York	East-Bound	8,113	11,125	3,012	37%
	Total	21,817	27,110	5,293	24%
QUEENS MIDTOWN TUNNEL -MTA	**West-Bound**	**13,796**	**12,799**	**-997**	**-7%**
	East-Bound	5,075	3,552	-1,523	-30%
	Total	18,871	16,351	-2,520	-13%
QUEENSBORO BRIDGE (F)	**West-Bound**	**21,796**	**22,642**	**846**	**4%**
Queens - New York	East-Bound	11,626	19,846	8,220	71%
	Total	33,422	42,488	9,066	27%
TRIBOROUGH BRIDGE (West) -MTA	**West-Bound**	**9,496**	**7,982**	**-1,514**	**-16%**
Queens - New York	East-Bound	6,180	4,822	-1,358	-22%
	Total	15,676	12,804	-2,872	-18%
East River Crossings (ERX) - NYC & MTA	**West-Bound**	**95,040**	**97,539**	**2,499**	**3%**
	East-Bound	49,400	61,609	12,209	25%
	Total	144,440	159,148	14,708	10%
TRIBOROUGH BRIDGE (North)	North-Bound	2,011	729	-1,282	-64%
Bronx - New York	**South-Bound**	**4,339**	**1,184**	**-3,155**	**-73%**
	Total	6,350	1,913	-4,437	-70%
TRIBOROUGH BRIDGE (South)	**North-Bound**	**10,004**	**8,419**	**-1,585**	**-16%**
Bronx - Queens	South-Bound	9,849	12,989	3,140	32%
	Total	19,853	21,408	1,555	8%
BRONX WHITESTONE BRIDGE	**North-Bound**	**13,691**	**13,224**	**-467**	**-3%**
Bronx - Queens	South-Bound	10,575	14,450	3,875	37%
	Total	24,266	27,674	3,408	14%
THROGS NECK BRIDGE	**North-Bound**	**17,504**	**16,017**	**-1,487**	**-8%**
Bronx - Queens	South-Bound	12,450	12,414	-36	0%
	Total	29,954	28,431	-1,523	-5%
Bronx Bridges (BB) - MTA	**North-Bound**	**43,210**	**38,390**	**-4,820**	**-11%**
	South-Bound	37,213	41,036	3,823	10%
	Total	80,423	79,426	-997	-1%

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AM Peak Period (6-10am)

* bold = peak direction

	Direction	6-10 AM Counts	Flow	Model minus Counts Diff.	Percent
WILLIS AVENUE BRIDGE - NB	North-Bound	12,784	9,697	-3,087	-24%
Bronx - New York	**South-Bound**	**0**	**0**	**0**	
	Total	12,784	9,697	-3,087	-24%
3RD AVE BRIDGE - SB	North-Bound	0	0	0	
Bronx - New York	**South-Bound**	**14,691**	**14,231**	**-460**	**-3%**
	Total	14,691	14,231	-460	-3%
MADISON AVENUE BRIDGE	North-Bound	4,342	6,199	1,857	43%
Bronx - New York	**South-Bound**	**6,590**	**7,864**	**1,274**	**19%**
	Total	10,932	14,063	3,131	29%
145TH ST BRIDGE	North-Bound	3,097	2,929	-168	-5%
Bronx - New York	**South-Bound**	**5,006**	**3,007**	**-1,999**	**-40%**
	Total	8,103	5,936	-2,167	-27%
MACOMBS DAM BRIDGE	North-Bound	3,842	3,853	11	0%
Bronx - New York	**South-Bound**	**5,247**	**8,716**	**3,469**	**66%**
	Total	9,089	12,569	3,480	38%
CROSS BRONX EXP BRIDGE	North-Bound	19,649	18,324	-1,325	-7%
Bronx - New York	**South-Bound**	**19,307**	**19,138**	**-169**	**-1%**
	Total	38,956	37,462	-1,494	-4%
WASHINGTON BRIDGE	North-Bound	6,941	4,387	-2,554	-37%
Bronx - New York	**South-Bound**	**5,197**	**4,840**	**-357**	**-7%**
	Total	12,138	9,226	-2,912	-24%
W 207TH ST BRIDGE	North-Bound	3,599	5,824	2,225	62%
Bronx - New York	**South-Bound**	**5,567**	**5,818**	**251**	**5%**
	Total	9,166	11,641	2,475	27%
BROADWAY AVE BRIDGE	North-Bound	2,807	2,405	-402	-14%
Bronx - New York	**South-Bound**	**4,250**	**4,756**	**506**	**12%**
	Total	7,057	7,161	104	1%
HENRY HUDSON PKY BRIDGE	North-Bound	4,726	5,590	864	18%
Bronx - New York	**South-Bound**	**12,036**	**9,720**	**-2,316**	**-19%**
	Total	16,762	15,310	-1,452	-9%
Manhattan - Bronx Crossings (MBX)	North-Bound	61,787	59,208	-2,579	-4%
	South-Bound	**77,891**	**78,088**	**197**	**0%**
	Total	139,678	137,296	-2,382	-2%

Free and Tolled Facility Summary

East River Crossings - NYC & MTA	**West_Bound**	**60,960**	**67,133**	**6,173**	**10%**
	East-Bound	35,857	51,525	15,668	44%
** Free Bridges **	Total	96,817	118,658	21,841	23%
East River Crossings - MTA	**West-Bound**	**34,080**	**30,406**	**-3,674**	**-11%**
	East-Bound	13,543	10,084	-3,459	-26%
** Tolled Bridges & Tunnels **	Total	47,623	40,491	-7,132	-15%
Verrazano Narrows Bridge - MTA	West-Bound	15,512	13,719	-1,793	-12%
	East-Bound	**29,146**	**35,888**	**6,742**	**23%**
** Tolled Bridge**	Total	44,658	49,607	4,949	11%
East River Crossings - NYC & MTA	**West-Bound**	**110,552**	**111,258**	**706**	**1%**
	East-Bound	78,546	97,498	18,952	24%
** All Bridges & Tunnels **	Total	189,098	208,756	19,658	10%

Major Crossing Cordon Summary

Bronx- Manhattan Crossings	North-Bound	57,061	53,618	-3,443	-6%
** Free Bridges **	**South-Bound**	**65,855**	**68,368**	**2,513**	**4%**
	Total	122,916	121,986	-930	-1%
Henry Hudson Bridge - MTA	North-Bound	4,726	5,590	864	18%
**Tolled Bridge **	**South-Bound**	**12,036**	**9,720**	**-2,316**	**-19%**
	Total	16,762	15,310	-1,452	-9%
Bronx- Manhattan Crossings	North-Bound	61,787	59,208	-2,579	-4%
** All Bridges **	**South-Bound**	**77,891**	**78,088**	**197**	**0%**
	Total	139,678	137,296	-2,382	-2%
Bronx- Queens Crossings - MTA	North-Bound	41,199	37,661	-3,538	-9%
	South-Bound	**32,874**	**39,852**	**6,978**	**21%**
**Tolled Bridges **	Total	74,073	77,513	3,440	5%
Mid-Hudson Bridges	West_Bound	30,816	20,934	-9,882	-32%
	East-Bound	**34,917**	**33,092**	**-1,825**	**-5%**
** *Tolled Bridges***	Total	65,733	54,026	-11,707	-18%
Hudson River Crossings -PANYNJ	West_Bound	48,144	52,778	4,634	10%
	East-Bound	**70,999**	**72,281**	**1,282**	**2%**
** Tolled Bridges & Tunnels **	Total	119,143	125,058	5,915	5%
Staten Island Bridges - PANYNJ	**West_Bound**	**23,326**	**20,785**	**-2,541**	**-11%**
	East-Bound	19,429	26,068	6,639	34%
** Tolled Bridges**	Total	42,755	46,854	4,099	10%

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MD - Midday Period

	Direction	10 AM - 4 PM Counts	Flow	Model minus Counts Diff.	Percent
OUTERBRIDGE CROSSING	West-Bound	12,396	10,893	-1,503	-12%
Middlesex - Richmond	**East-Bound**	**11,737**	**12,847**	**1,110**	**9%**
	Total	24,133	23,741	-392	-2%
GOETHALS BRIDGE	**West-Bound**	**10,277**	**16,568**	**6,291**	**61%**
Union - Richmond	East-Bound	11,608	17,222	5,614	48%
	Total	21,885	33,790	11,905	54%
BAYONNE BRIDGE	**West-Bound**	**2,504**	**3,825**	**1,321**	**53%**
Hudson - Richmond	East-Bound	3,476	4,861	1,385	40%
	Total	5,980	8,687	2,707	45%
Staten Island Bridges (SIBs) - PANYNJ	**West-Bound**	**25,177**	**31,287**	**6,110**	**24%**
	East-Bound	26,821	34,930	8,109	30%
	Total	51,998	66,218	14,220	27%
HOLLAND TUNNEL	West-Bound	14,771	16,984	2,213	15%
Hudson - New York	**East-Bound**	**12,673**	**15,659**	**2,986**	**24%**
	Total	27,444	32,642	5,198	19%
LINCOLN TUNNEL	West-Bound	18,315	18,954	639	3%
Hudson - New York	**East-Bound**	**18,895**	**20,933**	**2,038**	**11%**
	Total	37,210	39,887	2,677	7%
G WASHINGTON BRIDGE	West-Bound	45,115	47,043	1,928	4%
Bergen - New York	**East-Bound**	**42,318**	**50,479**	**8,161**	**19%**
	Total	87,433	97,522	10,089	12%
Hudson River Crossings (HRX) -PANYNJ	West-Bound	78,201	82,980	4,779	6%
	East-Bound	**73,886**	**87,071**	**13,185**	**18%**
	Total	152,087	170,051	17,964	12%
TAPPAN ZEE BRIDGE	West-Bound	24,014	19,331	-4,683	-20%
Rockland - Westchester	**East-Bound**	**19,488**	**18,194**	**-1,294**	**-7%**
	Total	43,502	37,524	-5,978	-14%
MOUNTAIN BRIDGE RD	West-Bound	2,945	3,256	311	11%
Orange - Westchester	**East-Bound**	**2,975**	**3,714**	**739**	**25%**
	Total	5,920	6,969	1,049	18%
NEWBURGH BEACON BRIDGE	West-Bound	12,718	11,055	-1,663	-13%
Orange - Westchester	**East-Bound**	**12,949**	**10,832**	**-2,117**	**-16%**
	Total	25,667	21,887	-3,780	-15%
Mid-Hudson Bridges (MHB)	West-Bound	39,677	33,641	-6,036	-15%
Orange - Dutchess	**East-Bound**	**35,412**	**32,740**	**-2,672**	**-8%**
	Total	75,089	66,381	-8,708	-12%
VERRAZANO BRIDGE	West-Bound	28,329	26,315	-2,014	-7%
Kings - Richmond	**East-Bound**	**28,057**	**31,221**	**3,164**	**11%**
	Total	56,386	57,535	1,149	2%
BROOKLYN BATTERY TUNNEL - MTA	**West-Bound**	**7,286**	**9,401**	**2,115**	**29%**
Kings - New York	East-Bound	6,406	5,851	-555	-9%
	Total	13,692	15,252	1,560	11%
BROOKLYN BRIDGE (F)	**West-Bound**	**19,205**	**20,812**	**1,607**	**8%**
Kings - New York	East-Bound	17,754	19,623	1,869	11%
	Total	36,959	40,436	3,477	9%
MANHATTAN BRIDGE (F)	**West-Bound**	**11,008**	**17,232**	**6,224**	**57%**
Kings - New York	East-Bound	10,063	9,421	-642	-6%
	Total	21,071	26,653	5,582	26%
WILLIAMSBURG BRIDGE	**West-Bound**	**14,775**	**20,929**	**6,154**	**42%**
Kings - New York	East-Bound	14,133	20,775	6,642	47%
	Total	28,908	41,704	12,796	44%
QUEENS MIDTOWN TUNNEL -MTA	**West-Bound**	**14,728**	**12,848**	**-1,880**	**-13%**
	East-Bound	12,879	8,503	-4,376	-34%
	Total	27,607	21,351	-6,256	-23%
QUEENSBORO BRIDGE (F)	**West-Bound**	**24,752**	**30,061**	**5,309**	**21%**
Queens - New York	East-Bound	24,854	25,945	1,091	4%
	Total	49,606	56,006	6,400	13%
TRIBOROUGH BRIDGE (West) -MTA	**West-Bound**	**10,533**	**8,248**	**-2,285**	**-22%**
Queens - New York	East-Bound	11,313	9,096	-2,217	-20%
	Total	21,846	17,344	-4,502	-21%
East River Crossings (ERX) - NYC & MTA	**West-Bound**	**102,287**	**119,531**	**17,244**	**17%**
	East-Bound	97,402	99,214	1,812	2%
	Total	199,689	218,745	19,056	10%
TRIBOROUGH BRIDGE (North)	North-Bound	2,563	2,202	-361	-14%
Bronx - New York	**South-Bound**	**5,412**	**1,988**	**-3,424**	**-63%**
	Total	7,975	4,190	-3,785	-47%
TRIBOROUGH BRIDGE (South)	**North-Bound**	**11,998**	**15,259**	**3,261**	**27%**
Bronx - Queens	South-Bound	12,511	12,242	-269	-2%
	Total	24,509	27,501	2,992	12%
BRONX WHITESTONE BRIDGE	**North-Bound**	**14,772**	**16,848**	**2,076**	**14%**
Bronx - Queens	South-Bound	16,062	17,426	1,364	8%
	Total	30,834	34,274	3,440	11%
THROGS NECK BRIDGE	**North-Bound**	**16,765**	**20,737**	**3,972**	**24%**
Bronx - Queens	South-Bound	18,334	19,739	1,405	8%
	Total	35,099	40,476	5,377	15%
Bronx Bridges (BB) - MTA	**North-Bound**	**46,098**	**55,046**	**8,948**	**19%**
	South-Bound	52,319	51,394	-925	-2%
	Total	98,417	106,440	8,023	8%

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MD - Midday Period

	Direction	10 AM - 4 PM Counts	Flow	Model minus Counts Diff.	Percent
WILLIS AVENUE BRIDGE - NB	North-Bound	18,358	16,973	-1,385	-8%
Bronx - New York	**South-Bound**	**0**	**0**	**0**	
	Total	18,358	16,973	-1,385	-8%
3RD AVE BRIDGE - SB	North-Bound	0	0	0	
Bronx - New York	**South-Bound**	**18,452**	**17,399**	**-1,053**	**-6%**
	Total	18,452	17,399	-1,053	-6%
MADISON AVENUE BRIDGE	North-Bound	6,928	8,135	1,207	17%
Bronx - New York	**South-Bound**	**6,945**	**9,745**	**2,800**	**40%**
	Total	13,873	17,879	4,006	29%
145TH ST BRIDGE	North-Bound	5,899	4,691	-1,208	-20%
Bronx - New York	**South-Bound**	**5,647**	**5,307**	**-340**	**-6%**
	Total	11,546	9,998	-1,548	-13%
MACOMBS DAM BRIDGE	North-Bound	6,006	5,896	-110	-2%
Bronx - New York	**South-Bound**	**6,691**	**12,571**	**5,880**	**88%**
	Total	12,697	18,466	5,769	45%
CROSS BRONX EXP BRIDGE	North-Bound	26,365	26,330	-35	0%
Bronx - New York	**South-Bound**	**24,355**	**27,741**	**3,386**	**14%**
	Total	50,720	54,071	3,351	7%
WASHINGTON BRIDGE	North-Bound	9,197	7,231	-1,966	-21%
Bronx - New York	**South-Bound**	**7,999**	**7,362**	**-637**	**-8%**
	Total	17,196	14,592	-2,604	-15%
W 207TH ST BRIDGE	North-Bound	6,273	9,030	2,757	44%
Bronx - New York	**South-Bound**	**7,837**	**9,229**	**1,392**	**18%**
	Total	14,110	18,259	4,149	29%
BROADWAY AVE BRIDGE	North-Bound	5,204	4,280	-924	-18%
Bronx - New York	**South-Bound**	**5,382**	**5,066**	**-316**	**-6%**
	Total	10,586	9,346	-1,240	-12%
HENRY HUDSON PKY BRIDGE	North-Bound	9,078	11,128	2,050	23%
Bronx - New York	**South-Bound**	**11,921**	**9,838**	**-2,083**	**-17%**
	Total	20,999	20,965	-34	0%
Manhattan - Bronx Crossings (MBX)	North-Bound	93,308	93,693	385	0%
	South-Bound	**95,229**	**104,256**	**9,027**	**9%**
	Total	188,537	197,949	9,412	5%

Free and Tolled Facility Summary

East River Crossings - NYC & MTA	**West_Bound**	**69,740**	**89,035**	**19,295**	**28%**
	East-Bound	66,804	75,764	8,960	13%
** Free Bridges **	Total	136,544	164,798	28,254	21%
East River Crossings - MTA	**West-Bound**	**32,547**	**30,496**	**-2,051**	**-6%**
	East-Bound	30,598	23,450	-7,148	-23%
** Tolled Bridges & Tunnels **	Total	63,145	53,946	-9,199	-15%
Verrazano Narrows Bridge - MTA	West-Bound	28,329	26,315	-2,014	-7%
	East-Bound	**28,057**	**31,221**	**3,164**	**11%**
** Tolled Bridge**	Total	56,386	57,535	1,149	2%
East River Crossings - NYC & MTA	**West-Bound**	**130,616**	**145,846**	**15,230**	**12%**
	East-Bound	125,459	130,434	4,975	4%
** All Bridges & Tunnels **	Total	256,075	276,280	20,205	8%

Major Crossing Cordon Summary

Bronx- Manhattan Crossings	North-Bound	84,230	82,565	-1,665	-2%
** Free Bridges **	**South-Bound**	**83,308**	**94,418**	**11,110**	**13%**
	Total	167,538	176,984	9,446	6%
Henry Hudson Bridge - MTA	North-Bound	9,078	11,128	2,050	23%
**Tolled Bridge **	**South-Bound**	**11,921**	**9,838**	**-2,083**	**-17%**
	Total	20,999	20,965	-34	0%
Bronx- Manhattan Crossings	North-Bound	93,308	93,693	385	0%
** All Bridges **	**South-Bound**	**95,229**	**104,256**	**9,027**	**9%**
	Total	188,537	197,949	9,412	5%
Bronx- Queens Crossings - MTA	North-Bound	43,535	52,844	9,309	21%
	South-Bound	**46,907**	**49,407**	**2,500**	**5%**
**Tolled Bridges **	Total	90,442	102,251	11,809	13%
Mid-Hudson Bridges	West_Bound	39,677	33,641	-6,036	-15%
	East-Bound	**35,412**	**32,740**	**-2,672**	**-8%**
*** Tolled Bridges**	Total	75,089	66,381	-8,708	-12%
Hudson River Crossings -PANYNJ	West_Bound	78,201	82,980	4,779	6%
	East-Bound	**73,886**	**87,071**	**13,185**	**18%**
** Tolled Bridges & Tunnels **	Total	152,087	170,051	17,964	12%
Staten Island Bridges - PANYNJ	**West_Bound**	**25,177**	**31,287**	**6,110**	**24%**
	East-Bound	26,821	34,930	8,109	30%
** Tolled Bridges**	Total	51,998	66,218	14,220	27%

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PM Peak Periods (4-8pm)

* bold = peak direction

	Direction	4 PM - 8 PM Counts	Flow	Model minus Counts Diff.	Percent
OUTERBRIDGE CROSSING	West-Bound	10,047	9,411	-636	-6%
Middlesex - Richmond	**East-Bound**	**10,229**	**7,936**	**-2,293**	**-22%**
	Total	20,276	17,347	-2,929	-14%
GOETHALS BRIDGE	**West-Bound**	**7,233**	**12,806**	**5,573**	**77%**
Union - Richmond	East-Bound	11,021	12,297	1,276	12%
	Total	18,254	25,103	6,849	38%
BAYONNE BRIDGE	**West-Bound**	**1,677**	**2,797**	**1,120**	**67%**
Hudson - Richmond	East-Bound	4,533	4,270	-263	-6%
	Total	6,210	7,067	857	14%
Staten Island Bridges (SIBs) - PANYNJ	**West-Bound**	**18,957**	**25,013**	**6,056**	**32%**
	East-Bound	25,783	24,503	-1,280	-5%
	Total	44,740	49,517	4,777	11%
HOLLAND TUNNEL	West-Bound	11,078	15,738	4,660	42%
Hudson - New York	**East-Bound**	**10,967**	**8,449**	**-2,518**	**-23%**
	Total	22,045	24,187	2,142	10%
LINCOLN TUNNEL	West-Bound	18,622	24,204	5,582	30%
Hudson - New York	**East-Bound**	**9,416**	**9,180**	**-236**	**-3%**
	Total	28,038	33,384	5,346	19%
G WASHINGTON BRIDGE	West-Bound	43,326	44,992	1,666	4%
Bergen - New York	**East-Bound**	**34,504**	**34,909**	**405**	**1%**
	Total	77,830	79,901	2,071	3%
Hudson River Crossings (HRX) -PANYNJ	West-Bound	73,026	84,934	11,908	16%
	East-Bound	**54,887**	**52,538**	**-2,349**	**-4%**
	Total	127,913	137,472	9,559	7%
TAPPAN ZEE BRIDGE	West-Bound	17,432	20,564	3,132	18%
Rockland - Westchester	**East-Bound**	**15,732**	**11,473**	**-4,259**	**-27%**
	Total	33,164	32,037	-1,127	-3%
MOUNTAIN BRIDGE RD	West-Bound	2,138	2,380	242	11%
Orange - Westchester	**East-Bound**	**2,030**	**3,272**	**1,242**	**61%**
	Total	4,168	5,652	1,484	36%
NEWBURGH BEACON BRIDGE	West-Bound	9,250	7,880	-1,370	-15%
Orange - Westchester	**East-Bound**	**10,945**	**6,882**	**-4,063**	**-37%**
	Total	20,195	14,762	-5,433	-27%
Mid-Hudson Bridges (MHB)	West-Bound	28,820	30,824	2,004	7%
Orange - Dutchess	**East-Bound**	**28,707**	**21,626**	**-7,081**	**-25%**
	Total	57,527	52,451	-5,076	-9%
VERRAZANO BRIDGE	West-Bound	27,911	30,740	2,829	10%
Kings - Richmond	**East-Bound**	**22,993**	**17,039**	**-5,954**	**-26%**
	Total	50,904	47,779	-3,125	-6%
BROOKLYN BATTERY TUNNEL - MTA	**West-Bound**	**4,625**	**3,333**	**-1,292**	**-28%**
Kings - New York	East-Bound	8,027	9,122	1,095	14%
	Total	12,652	12,455	-197	-2%
BROOKLYN BRIDGE (F)	**West-Bound**	**13,697**	**12,931**	**-766**	**-6%**
Kings - New York	East-Bound	14,602	15,810	1,208	8%
	Total	28,299	28,741	442	2%
MANHATTAN BRIDGE (F)	**West-Bound**	**6,371**	**8,742**	**2,371**	**37%**
Kings - New York	East-Bound	10,175	12,241	2,066	20%
	Total	16,546	20,983	4,437	27%
WILLIAMSBURG BRIDGE	**West-Bound**	**10,844**	**11,504**	**660**	**6%**
Kings - New York	East-Bound	12,691	19,405	6,714	53%
	Total	23,535	30,909	7,374	31%
QUEENS MIDTOWN TUNNEL -MTA	**West-Bound**	**10,151**	**6,039**	**-4,112**	**-41%**
	East-Bound	10,654	10,009	-645	-6%
	Total	20,805	16,048	-4,757	-23%
QUEENSBORO BRIDGE (F)	**West-Bound**	**16,632**	**19,109**	**2,477**	**15%**
Queens - New York	East-Bound	20,895	25,093	4,198	20%
	Total	37,527	44,202	6,675	18%
TRIBOROUGH BRIDGE (West) -MTA	**West-Bound**	**7,745**	**3,640**	**-4,105**	**-53%**
Queens - New York	East-Bound	8,549	8,967	418	5%
	Total	16,294	12,607	-3,687	-23%
East River Crossings (ERX) - NYC & MTA	**West-Bound**	**70,065**	**65,298**	**-4,767**	**-7%**
	East-Bound	85,593	100,647	15,054	18%
	Total	155,658	165,945	10,287	7%
TRIBOROUGH BRIDGE (North)	North-Bound	1,864	2,736	872	47%
Bronx - New York	**South-Bound**	**4,747**	**610**	**-4,137**	**-87%**
	Total	6,611	3,346	-3,265	-49%
TRIBOROUGH BRIDGE (South)	**North-Bound**	**8,607**	**15,350**	**6,743**	**78%**
Bronx - Queens	South-Bound	8,648	8,337	-311	-4%
	Total	17,255	23,687	6,432	37%
BRONX WHITESTONE BRIDGE	**North-Bound**	**11,620**	**15,266**	**3,646**	**31%**
Bronx - Queens	South-Bound	15,065	13,208	-1,857	-12%
	Total	26,685	28,474	1,789	7%
THROGS NECK BRIDGE	**North-Bound**	**12,147**	**16,228**	**4,081**	**34%**
Bronx - Queens	South-Bound	16,606	16,628	22	0%
	Total	28,753	32,856	4,103	14%
Bronx Bridges (BB) - MTA	**North-Bound**	**34,238**	**49,580**	**15,342**	**45%**
	South-Bound	45,066	38,784	-6,282	-14%
	Total	79,304	88,364	9,060	11%

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PM Peak Periods (4-8pm)

* bold = peak direction

	Direction	4 PM - 8 PM Counts	Flow	Model minus Counts Diff.	Percent
WILLIS AVENUE BRIDGE - NB	North-Bound	15,999	18,357	2,358	15%
Bronx - New York	**South-Bound**	**0**	**0**	**0**	
	Total	15,999	18,357	2,358	15%
3RD AVE BRIDGE - SB	North-Bound	0	0	0	
Bronx - New York	**South-Bound**	**13,260**	**8,956**	**-4,304**	**-32%**
	Total	13,260	8,956	-4,304	-32%
MADISON AVENUE BRIDGE	North-Bound	6,720	8,828	2,108	31%
Bronx - New York	**South-Bound**	**5,384**	**5,940**	**556**	**10%**
	Total	12,104	14,768	2,664	22%
145TH ST BRIDGE	North-Bound	4,478	4,330	-148	-3%
Bronx - New York	**South-Bound**	**4,145**	**3,477**	**-668**	**-16%**
	Total	8,623	7,807	-816	-9%
MACOMBS DAM BRIDGE	North-Bound	4,813	5,769	956	20%
Bronx - New York	**South-Bound**	**4,731**	**7,863**	**3,132**	**66%**
	Total	9,544	13,632	4,088	43%
CROSS BRONX EXP BRIDGE	North-Bound	18,201	19,603	1,402	8%
Bronx - New York	**South-Bound**	**17,906**	**23,090**	**5,184**	**29%**
	Total	36,107	42,693	6,586	18%
WASHINGTON BRIDGE	North-Bound	9,190	6,425	-2,765	-30%
Bronx - New York	**South-Bound**	**6,145**	**4,614**	**-1,531**	**-25%**
	Total	15,335	11,039	-4,296	-28%
W 207TH ST BRIDGE	North-Bound	4,304	7,794	3,490	81%
Bronx - New York	**South-Bound**	**5,834**	**6,422**	**588**	**10%**
	Total	10,138	14,217	4,079	40%
BROADWAY AVE BRIDGE	North-Bound	5,076	5,418	342	7%
Bronx - New York	**South-Bound**	**4,185**	**2,936**	**-1,249**	**-30%**
	Total	9,261	8,354	-907	-10%
HENRY HUDSON PKY BRIDGE	North-Bound	10,832	12,536	1,704	16%
Bronx - New York	**South-Bound**	**10,493**	**4,065**	**-6,428**	**-61%**
	Total	21,325	16,601	-4,724	-22%
Manhattan - Bronx Crossings (MBX)	North-Bound	79,613	89,062	9,449	12%
	South-Bound	**72,083**	**67,363**	**-4,720**	**-7%**
	Total	151,696	156,425	4,729	3%

Free and Tolled Facility Summary

East River Crossings - NYC & MTA	**West_Bound**	**47,544**	**52,286**	**4,742**	**10%**
	East-Bound	58,363	72,548	14,185	24%
** Free Bridges **	Total	105,907	124,834	18,927	18%
East River Crossings - MTA	**West-Bound**	**22,521**	**13,012**	**-9,509**	**-42%**
	East-Bound	27,230	28,099	869	3%
** Tolled Bridges & Tunnels **	Total	49,751	41,111	-8,640	-17%
Verrazano Narrows Bridge - MTA	West-Bound	27,911	30,740	2,829	10%
	East-Bound	**22,993**	**17,039**	**-5,954**	**-26%**
** Tolled Bridge**	Total	50,904	47,779	-3,125	-6%
East River Crossings - NYC & MTA	**West-Bound**	**97,976**	**96,038**	**-1,938**	**-2%**
	East-Bound	108,586	117,686	9,100	8%
** All Bridges & Tunnels **	Total	206,562	213,724	7,162	3%

Major Crossing Cordon Summary

Bronx- Manhattan Crossings	North-Bound	68,781	76,526	7,745	11%
** Free Bridges **	**South-Bound**	**61,590**	**63,298**	**1,708**	**3%**
	Total	130,371	139,824	9,453	7%
Henry Hudson Bridge - MTA	North-Bound	10,832	12,536	1,704	16%
**Tolled Bridge **	**South-Bound**	**10,493**	**4,065**	**-6,428**	**-61%**
	Total	21,325	16,601	-4,724	-22%
Bronx- Manhattan Crossings	North-Bound	79,613	89,062	9,449	12%
** All Bridges **	**South-Bound**	**72,083**	**67,363**	**-4,720**	**-7%**
	Total	151,696	156,425	4,729	3%
Bronx- Queens Crossings - MTA	North-Bound	32,374	46,844	14,470	45%
	South-Bound	**40,319**	**38,173**	**-2,146**	**-5%**
**Tolled Bridges **	Total	72,693	85,018	12,325	17%
Mid-Hudson Bridges	West_Bound	28,820	30,824	2,004	7%
	East-Bound	**28,707**	**21,626**	**-7,081**	**-25%**
*** Tolled Bridges**	Total	57,527	52,451	-5,076	-9%
Hudson River Crossings -PANYNJ	West_Bound	73,026	84,934	11,908	16%
	East-Bound	**54,887**	**52,538**	**-2,349**	**-4%**
** Tolled Bridges & Tunnels **	Total	127,913	137,472	9,559	7%
Staten Island Bridges - PANYNJ	**West_Bound**	**18,957**	**25,013**	**6,056**	**32%**
	East-Bound	25,783	24,503	-1,280	-5%
** Tolled Bridges**	Total	44,740	49,517	4,777	11%

NYBPM2005

NT - Night and Early Morning

8PM - 6 AM

* bold = peak direction

	Direction	Counts	Flow	Model minus Counts Diff.	Percent
OUTERBRIDGE CROSSING	West-Bound	8,677	3,976	-4,701	-54%
Middlesex - Richmond	**East-Bound**	**9,304**	**5,193**	**-4,111**	**-44%**
	Total	17,981	9,168	-8,813	-49%
GOETHALS BRIDGE	**West-Bound**	**7,703**	**8,430**	**727**	**9%**
Union - Richmond	East-Bound	9,614	14,141	4,527	47%
	Total	17,317	22,571	5,254	30%
BAYONNE BRIDGE	**West-Bound**	**2,303**	**1,134**	**-1,169**	**-51%**
Hudson - Richmond	East-Bound	3,383	2,603	-780	-23%
	Total	5,686	3,737	-1,949	-34%
Staten Island Bridges (SIBs) - PANYNJ	**West-Bound**	**18,683**	**13,540**	**-5,143**	**-28%**
	East-Bound	22,301	21,936	-365	-2%
	Total	40,984	35,476	-5,508	-13%
HOLLAND TUNNEL	West-Bound	13,690	16,486	2,796	20%
Hudson - New York	**East-Bound**	**11,136**	**11,022**	**-114**	**-1%**
	Total	24,826	27,508	2,682	11%
LINCOLN TUNNEL	West-Bound	19,730	14,205	-5,525	-28%
Hudson - New York	**East-Bound**	**14,144**	**12,084**	**-2,060**	**-15%**
	Total	33,874	26,288	-7,586	-22%
G WASHINGTON BRIDGE	West-Bound	38,637	26,667	-11,970	-31%
Bergen - New York	**East-Bound**	**31,237**	**25,450**	**-5,787**	**-19%**
	Total	69,874	52,118	-17,756	-25%
Hudson River Crossings (HRX) -PANYNJ	West-Bound	72,057	57,358	-14,699	-20%
	East-Bound	**56,517**	**48,556**	**-7,961**	**-14%**
	Total	128,574	105,914	-22,660	-18%
TAPPAN ZEE BRIDGE	West-Bound	12,224	8,824	-3,400	-28%
Rockland - Westchester	**East-Bound**	**11,607**	**7,181**	**-4,426**	**-38%**
	Total	23,831	16,005	-7,826	-33%
MOUNTAIN BRIDGE RD	West-Bound	1,499	1,310	-189	-13%
Orange - Westchester	**East-Bound**	**2,418**	**1,787**	**-631**	**-26%**
	Total	3,917	3,097	-820	-21%
NEWBURGH BEACON BRIDGE	West-Bound	6,473	6,814	341	5%
Orange - Westchester	**East-Bound**	**7,167**	**7,104**	**-63**	**-1%**
	Total	13,640	13,918	278	2%
Mid-Hudson Bridges (MHB)	West-Bound	20,196	16,947	-3,249	-16%
Orange - Dutchess	**East-Bound**	**21,192**	**16,072**	**-5,120**	**-24%**
	Total	41,388	33,019	-8,369	-20%
VERRAZANO BRIDGE	West-Bound	20,636	12,916	-7,720	-37%
Kings - Richmond	**East-Bound**	**21,103**	**18,129**	**-2,974**	**-14%**
	Total	41,739	31,045	-10,694	-26%
BROOKLYN BATTERY TUNNEL - MTA	**West-Bound**	**3,577**	**212**	**-3,365**	**-94%**
Kings - New York	East-Bound	6,046	423	-5,623	-93%
	Total	9,623	634	-8,989	-93%
BROOKLYN BRIDGE (F)	**West-Bound**	**20,112**	**14,878**	**-5,234**	**-26%**
Kings - New York	East-Bound	21,236	19,241	-1,995	-9%
	Total	41,348	34,119	-7,229	-17%
MANHATTAN BRIDGE (F)	**West-Bound**	**11,326**	**8,229**	**-3,097**	**-27%**
Kings - New York	East-Bound	15,446	5,007	-10,439	-68%
	Total	26,772	13,236	-13,536	-51%
WILLIAMSBURG BRIDGE	**West-Bound**	**15,385**	**15,575**	**190**	**1%**
Kings - New York	East-Bound	17,385	18,523	1,138	7%
	Total	32,770	34,097	1,327	4%
QUEENS MIDTOWN TUNNEL -MTA	**West-Bound**	**7,634**	**2,955**	**-4,679**	**-61%**
	East-Bound	11,146	3,598	-7,548	-68%
	Total	18,780	6,554	-12,226	-65%
QUEENSBORO BRIDGE (F)	**West-Bound**	**24,455**	**20,205**	**-4,250**	**-17%**
Queens - New York	East-Bound	33,600	22,958	-10,642	-32%
	Total	58,055	43,163	-14,892	-26%
TRIBOROUGH BRIDGE (West) -MTA	**West-Bound**	**6,279**	**1,644**	**-4,635**	**-74%**
Queens - New York	East-Bound	7,153	4,386	-2,767	-39%
	Total	13,432	6,030	-7,402	-55%
East River Crossings (ERX) - NYC & MTA	**West-Bound**	**88,768**	**63,697**	**-25,071**	**-28%**
	East-Bound	112,012	74,136	-37,876	-34%
	Total	200,780	137,833	-62,947	-31%
TRIBOROUGH BRIDGE (North)	North-Bound	1,446	744	-702	-49%
Bronx - New York	**South-Bound**	**2,268**	**249**	**-2,019**	**-89%**
	Total	3,714	993	-2,721	-73%
TRIBOROUGH BRIDGE (South)	**North-Bound**	**7,924**	**5,802**	**-2,122**	**-27%**
Bronx - Queens	South-Bound	7,716	3,532	-4,184	-54%
	Total	15,640	9,333	-6,307	-40%
BRONX WHITESTONE BRIDGE	**North-Bound**	**11,058**	**7,090**	**-3,968**	**-36%**
Bronx - Queens	South-Bound	12,216	7,738	-4,478	-37%
	Total	23,274	14,828	-8,446	-36%
THROGS NECK BRIDGE	**North-Bound**	**10,455**	**9,438**	**-1,017**	**-10%**
Bronx - Queens	South-Bound	10,712	12,947	2,235	21%
	Total	21,167	22,384	1,217	6%
Bronx Bridges (BB) - MTA	**North-Bound**	**30,883**	**23,074**	**-7,809**	**-25%**
	South-Bound	32,912	24,465	-8,447	-26%
	Total	63,795	47,539	-16,256	-25%

NYBPM2005

NT - Night and Early Morning

8PM - 6 AM

* bold = peak direction

	Direction	Counts	Flow	Model minus Counts Diff.	Percent
WILLIS AVENUE BRIDGE - NB	North-Bound	19,831	15,366	-4,465	-23%
Bronx - New York	**South-Bound**	**0**	**0**	**0**	
	Total	19,831	15,366	-4,465	-23%
3RD AVE BRIDGE - SB	North-Bound	0	0	0	
Bronx - New York	**South-Bound**	**16,953**	**9,269**	**-7,684**	**-45%**
	Total	16,953	9,269	-7,684	-45%
MADISON AVENUE BRIDGE	North-Bound	6,554	5,154	-1,400	-21%
Bronx - New York	**South-Bound**	**4,934**	**7,726**	**2,792**	**57%**
	Total	11,488	12,880	1,392	12%
145TH ST BRIDGE	North-Bound	4,919	1,175	-3,744	-76%
Bronx - New York	**South-Bound**	**3,645**	**1,950**	**-1,695**	**-47%**
	Total	8,564	3,125	-5,439	-64%
MACOMBS DAM BRIDGE	North-Bound	5,881	3,206	-2,675	-45%
Bronx - New York	**South-Bound**	**5,363**	**7,077**	**1,714**	**32%**
	Total	11,244	10,284	-960	-9%
CROSS BRONX EXP BRIDGE	North-Bound	27,796	19,847	-7,949	-29%
Bronx - New York	**South-Bound**	**27,987**	**20,113**	**-7,874**	**-28%**
	Total	55,783	39,960	-15,823	-28%
WASHINGTON BRIDGE	North-Bound	7,702	5,378	-2,324	-30%
Bronx - New York	**South-Bound**	**5,648**	**4,885**	**-763**	**-14%**
	Total	13,350	10,263	-3,087	-23%
W 207TH ST BRIDGE	North-Bound	5,719	4,143	-1,576	-28%
Bronx - New York	**South-Bound**	**5,805**	**3,924**	**-1,881**	**-32%**
	Total	11,524	8,067	-3,457	-30%
BROADWAY AVE BRIDGE	North-Bound	3,427	2,691	-736	-21%
Bronx - New York	**South-Bound**	**3,220**	**1,920**	**-1,300**	**-40%**
	Total	6,647	4,611	-2,036	-31%
HENRY HUDSON PKY BRIDGE	North-Bound	8,109	2,635	-5,474	-68%
Bronx - New York	**South-Bound**	**4,171**	**1,413**	**-2,758**	**-66%**
	Total	12,280	4,048	-8,232	-67%
Manhattan - Bronx Crossings (MBX)	North-Bound	89,938	59,595	-30,343	-34%
	South-Bound	**77,726**	**58,278**	**-19,448**	**-25%**
	Total	167,664	117,874	-49,790	-30%

Free and Tolled Facility Summary

East River Crossings - NYC & MTA	**West_Bound**	**71,278**	**58,887**	**-12,391**	**-17%**
	East-Bound	87,667	65,729	-21,938	-25%
** Free Bridges **	Total	158,945	124,616	-34,329	-22%
East River Crossings - MTA	**West-Bound**	**17,490**	**4,811**	**-12,679**	**-72%**
	East-Bound	24,345	8,407	-15,938	-65%
** Tolled Bridges & Tunnels **	Total	41,835	13,217	-28,618	-68%
Verrazano Narrows Bridge - MTA	West-Bound	20,636	12,916	-7,720	-37%
	East-Bound	**21,103**	**18,129**	**-2,974**	**-14%**
** Tolled Bridge**	Total	41,739	31,045	-10,694	-26%
East River Crossings - NYC & MTA	**West-Bound**	**109,404**	**76,613**	**-32,791**	**-30%**
	East-Bound	133,115	92,265	-40,850	-31%
** All Bridges & Tunnels **	Total	242,519	168,878	-73,641	-30%

Major Crossing Cordon Summary

Bronx- Manhattan Crossings	North-Bound	81,829	56,961	-24,868	-30%
** Free Bridges **	**South-Bound**	**73,555**	**56,865**	**-16,690**	**-23%**
	Total	155,384	113,826	-41,558	-27%
Henry Hudson Bridge - MTA	North-Bound	8,109	2,635	-5,474	-68%
**Tolled Bridge **	**South-Bound**	**4,171**	**1,413**	**-2,758**	**-66%**
	Total	12,280	4,048	-8,232	-67%
Bronx- Manhattan Crossings	North-Bound	89,938	59,595	-30,343	-34%
** All Bridges **	**South-Bound**	**77,726**	**58,278**	**-19,448**	**-25%**
	Total	167,664	117,874	-49,790	-30%
Bronx- Queens Crossings - MTA	North-Bound	29,437	22,330	-7,107	-24%
	South-Bound	**30,644**	**24,216**	**-6,428**	**-21%**
**Tolled Bridges **	Total	60,081	46,546	-13,535	-23%
Mid-Hudson Bridges	West_Bound	20,196	16,947	-3,249	-16%
	East-Bound	**21,192**	**16,072**	**-5,120**	**-24%**
*** Tolled Bridges**	Total	41,388	33,019	-8,369	-20%
Hudson River Crossings -PANYNJ	West_Bound	72,057	57,358	-14,699	-20%
	East-Bound	**56,517**	**48,556**	**-7,961**	**-14%**
** Tolled Bridges & Tunnels **	Total	128,574	105,914	-22,660	-18%
Staten Island Bridges - PANYNJ	**West_Bound**	**18,683**	**13,540**	**-5,143**	**-28%**
	East-Bound	22,301	21,936	-365	-2%
** Tolled Bridges**	Total	40,984	35,476	-5,508	-13%

Scenario: RHTS2010 - Run 85S

Hub-Bound 2010 - Daily Inbound

Total - All Transit

Sector		BPM Trips	Counts 2010	Difference	% Diff
60th St.	1	895,092	910,418	-15,326	-2%
East River	2	1,343,490	1,367,971	-24,481	-2%
New Jersey	3	336,490	411,546	-75,056	-18%
		2,575,071	**2,689,935**	**-114,864**	**-4%**

Commuter Rail (only) *

Sector		BPM Trips	Counts 2010	Difference	% Diff
60th St.	1	139,212	102,710	36,502	36%
East River	2	196,900	114,566	82,334	72%
New Jersey	3	107,795	82,890	24,905	30%
		443,907	**300,166**	**143,741**	**48%**

Other Transit: Bus, Subway, Ferries, LRT, etc.

Sector		BPM Trips	Counts 2010	Difference	% Diff
60th St.	1	755,880	808,817	-52,937	-7%
East River	2	1,146,590	1,136,166	10,424	1%
New Jersey	3	228,695	258,895	-30,200	-12%
		2,131,164	**2,203,878**	**-72,714**	**-3%**

**NOTE: BPM Commuter Rail includes trips that used CR but enter the Hub by Subway or PATH.*

Scenario: TRANSIT OD

Hub-Bound 2010 - Transit Survey-Based Trip Tables (T-17) - 6-10 AM Peak Period

Total - All Transit

Sector		TRANSITOD Trips	Counts	Error	% Diff
60th St.	1	409,274	373,809	35,465	9%
East River	2	779,944	715,120	64,824	9%
New Jersey	3	170,467	227,775	-57,308	-25%
		1,359,685	**1,316,704**	**42,981**	**3%**

Commuter Rail (only)

Sector		TRANSITOD Trips	Counts	Error	% Diff
60th St.	1	73,744	70,172	3,572	5%
East River	2	95,747	81,872	13,875	17%
New Jersey	3	62,564	47,513	15,051	32%
		232,055	**199,557**	**32,498**	**16%**

Other Transit

Sector		TRANSITOD Trips	Counts	Error	% Diff
60th St.	1	335,530	303,637	31,893	11%
East River	2	684,197	633,248	50,949	8%
New Jersey	3	107,903	180,262	-72,359	-40%
		1,127,630	**1,117,147**	**10,483**	**1%**

APPENDIX C: DETAILED HAJ AND MDSC REPORTS

Report 2B: HAJ - Journey Production

BPM 2010 Model Run 1 - HAJ

Current Scenario **102C**
Source Scenario **2010 RHTS**

Total Paired Journeys -- Origin Districts by Purpose:

Destin Districts	WORK LOV	WORK MED	WORK HI	SCHOOL	UNIV	MAINT	DISCR	AT WORK by RES (HAJ)	**TOTAL (1) HAJ only**	AT WORK by WP (MDSC)	**TOTAL (2)**
1 LOWER MANHA	398	15,177	4,061	1,867	1,030	13,434	3,522	3,198	**42,687**	28,812	**68,301**
2 VALLEY MANHA	21,905	92,045	76,235	22,382	9,163	133,235	151,673	28,626	**535,264**	64,840	**571,478**
3 MIDTOWN MAN	1,589	43,659	20,220	15,205	3,548	75,248	52,787	9,602	**221,858**	80,878	**293,134**
4 OTHER MANHAT	15,726	217,134	115,620	94,045	29,031	330,089	262,228	45,812	**1,109,685**	35,733	**1,099,606**
5 QUEENS, NY	33,317	684,755	139,720	309,581	79,085	794,435	504,708	82,987	**2,628,588**	58,628	**2,604,229**
6 BRONX, NY	38,110	338,187	14,496	230,486	39,969	529,634	213,961	34,115	**1,438,958**	31,988	**1,436,831**
7 KINGS, NY	52,167	657,529	113,726	401,366	101,203	840,787	556,850	92,517	**2,816,145**	62,417	**2,786,045**
8 RICHMOND, NY	1,499	109,646	33,894	72,234	8,852	224,626	96,366	13,687	**560,804**	9,557	**556,674**
9 NASSAU, NY	6,204	314,185	152,908	242,043	31,186	602,161	413,839	44,484	**1,807,010**	45,519	**1,808,045**
10 SUFFOLK, NY	8,663	467,887	148,084	277,336	39,472	836,775	603,283	57,999	**2,439,499**	55,517	**2,437,017**
11 WESTCHESTER, I	16,201	243,192	95,685	209,872	20,787	502,984	161,300	67,789	**1,317,810**	32,995	**1,283,016**
12 ROCKLAND, NY	2,186	69,754	36,205	58,816	16,246	122,798	121,545	9,878	**437,428**	9,437	**436,987**
13 PUTNAM, NY	1,013	32,510	10,640	25,793	697	58,688	34,156	3,181	**166,678**	2,578	**166,075**
14 ORANGE, NY	5,217	98,119	22,828	73,915	8,750	119,659	112,579	10,400	**451,467**	10,253	**451,320**
15 DUTCHESS, NY	4,109	92,884	16,096	49,864	4,591	148,567	44,307	23,327	**383,745**	9,430	**369,848**
16 FAIRFIELD, CT	20,445	244,644	106,350	127,737	18,517	499,118	292,851	29,225	**1,338,887**	37,785	**1,347,447**
17 BERGEN, NJ	6,272	251,327	112,304	172,515	24,050	499,126	295,442	39,660	**1,400,696**	35,337	**1,396,373**
18 PASSAIC, NJ	10,333	122,399	27,631	51,804	10,667	245,505	161,032	14,532	**643,903**	16,116	**645,487**
19 HUDSON, NJ	14,545	177,293	42,356	80,517	10,679	181,062	125,366	24,641	**656,459**	23,974	**655,792**
20 ESSEX, NJ	10,205	189,962	55,985	123,108	8,577	343,651	201,781	27,602	**960,871**	30,302	**963,571**
21 UNION, NJ	2,733	169,524	40,650	105,397	7,397	214,132	174,929	22,057	**736,819**	19,190	**733,952**
22 MORRIS, NJ	0	123,877	60,610	82,902	4,172	217,022	151,795	20,850	**661,228**	23,568	**663,946**
23 SOMERSET, NJ	104	80,573	44,310	54,715	6,532	114,743	79,961	12,403	**393,341**	15,507	**396,445**
24 MIDDLESEX, NJ	4,329	248,558	65,443	161,295	14,676	347,825	209,067	33,863	**1,085,056**	28,951	**1,080,144**
25 MONMOUTH, N.	5,208	147,401	67,862	106,478	8,417	307,219	229,177	25,460	**897,222**	19,770	**891,532**
26 OCEAN, NJ	5,193	143,691	30,877	84,845	22,523	229,570	195,440	16,177	**728,316**	15,443	**727,582**
27 HUNTERDON, N.	251	24,462	15,136	19,495	628	46,206	31,865	3,801	**141,844**	3,938	**141,981**
28 WARREN, NJ	813	26,254	2,028	19,958	1,277	62,222	17,770	2,226	**132,548**	1,727	**132,049**
29 SUSSEX, NJ	439	51,438	9,857	20,903	2,070	52,436	30,819	7,128	**175,090**	3,216	**171,178**
30 NEW HAVEN, CT	8,599	247,850	48,634	132,567	17,416	398,178	189,129	39,449	**1,081,822**	31,524	**1,073,897**
31 MERCER, NJ	2,226	85,767	27,744	51,094	4,512	138,865	87,131	12,945	**410,284**	14,617	**411,956**
TOTAL	299,999	5,811,683	1,758,195	3,480,135	555,720	9,230,000	5,806,659	859,621	**27,802,012**	859,547	**27,801,938**

Report 2B: HAJ - Journey Production

BPM 2010 Model Run 1 - MDSC

Current Scenari **102C**
Source Scenario **2010 RHTS**

Total Paired Journeys -- Origin Districts by Purpose:

Destir	Districts	WORK LOW	WORK MED	WORK HI	SCHOOL	UNIV	MAINT	DISCR	AT WORK by R	**TOTAL (1) HAJ only**	AT WORK by WP (MDSC)	**TOTAL (2)**
1	LOWER MANHA	398	15177	4061	1867	1030	13434	3522	3198	**42,687**	28812	**68,301**
2	VALLEY MANHA	21905	92045	76235	22382	9163	133235	151673	28626	**535,264**	64840	**571,478**
3	MIDTOWN MAN	1575	43346	20053	15103	3524	74489	52416	9602	**220,108**	80878	**291,384**
4	OTHER MANHA	15725	217110	115625	94004	29031	330080	262215	45812	**1,109,602**	35733	**1,099,523**
5	QUEENS, NY	33309	684821	139709	309610	79085	794360	504777	82987	**2,628,658**	58628	**2,604,299**
6	BRONX, NY	38110	338187	14496	230486	39969	529634	213961	34115	**1,438,958**	31988	**1,436,831**
7	KINGS, NY	52167	657529	113726	401366	101203	840787	556850	92517	**2,816,145**	62417	**2,786,045**
8	RICHMOND, NY	1499	109646	33894	72234	8852	224626	96366	13687	**560,804**	9557	**556,674**
9	NASSAU, NY	6204	314185	152908	242043	31186	602161	413839	44484	**1,807,010**	45519	**1,808,045**
10	SUFFOLK, NY	8663	467887	148084	277336	39472	836775	603283	57999	**2,439,499**	55517	**2,437,017**
11	WESTCHESTER,	16201	243192	95685	209872	20787	502984	161300	67789	**1,317,810**	32995	**1,283,016**
12	ROCKLAND, NY	2186	69754	36205	58816	16246	122798	121545	9878	**437,428**	9437	**436,987**
13	PUTNAM, NY	1013	32510	10640	25793	697	58688	34156	3181	**166,678**	2578	**166,075**
14	ORANGE, NY	5217	98119	22828	73915	8750	119659	112579	10400	**451,467**	10253	**451,320**
15	DUTCHESS, NY	4109	92884	16096	49864	4591	148567	44307	23327	**383,745**	9430	**369,848**
16	FAIRFIELD, CT	20445	244644	106350	127737	18517	499118	292851	29225	**1,338,887**	37785	**1,347,447**
17	BERGEN, NJ	6272	251327	112304	172515	24050	499126	295442	39660	**1,400,696**	35337	**1,396,373**
18	PASSAIC, NJ	10333	122399	27631	51804	10667	245505	161032	14532	**643,903**	16116	**645,487**
19	HUDSON, NJ	14545	177293	42356	80517	10679	181062	125366	24641	**656,459**	23974	**655,792**
20	ESSEX, NJ	10205	189962	55985	123108	8577	343651	201781	27602	**960,871**	30302	**963,571**
21	UNION, NJ	2733	169524	40650	105397	7397	214132	174929	22057	**736,819**	19190	**733,952**
22	MORRIS, NJ	0	123877	60610	82902	4172	217022	151795	20850	**661,228**	23568	**663,946**
23	SOMERSET, NJ	104	80573	44310	54715	6532	114743	79961	12403	**393,341**	15507	**396,445**
24	MIDDLESEX, NJ	4329	248558	65443	161295	14676	347825	209067	33863	**1,085,056**	28951	**1,080,144**
25	MONMOUTH, N	5208	147401	67862	106478	8417	307219	229177	25460	**897,222**	19770	**891,532**
26	OCEAN, NJ	5193	143691	30877	84845	22523	229570	195440	16177	**728,316**	15443	**727,582**
27	HUNTERDON, N	252	24486	15131	19536	628	46215	31878	3801	**141,927**	3938	**142,064**
28	WARREN, NJ	813	26254	2028	19958	1277	62222	17770	2226	**132,548**	1727	**132,049**
29	SUSSEX, NJ	439	51438	9857	20903	2070	52436	30819	7128	**175,090**	3216	**171,178**
30	NEW HAVEN, CT	8608	247773	48645	132535	17418	398238	189058	39449	**1,081,724**	31524	**1,073,799**
31	MERCER, NJ	2225	85778	27744	51097	4510	138880	87133	12945	**410,312**	14617	**411,984**
	TOTAL	299985	5811370	1758028	3480033	555696	9229241	5806288	859621	**27,800,262**	859547	**27,800,188**

Report 2B: HAJ - Journey Production

RHTS 2010 Survey - GPS Corrected, revised 5/15/2014

Current Scenario **102C**
Source Scenario **2010 RHTS**

Total Paired Journeys -- Origin Districts by Purpose:

Origin Districts	WORK LOW	WORK MED	WORK HI	SCHOOL	UNIV	MAINT	DISCR	AT WORK by RES (HAJ) *	**TOTAL (1) HAJ only**	AT WORK by WP (MDSC)	**TOTAL (2)**
1 LOWER MANHA	633	18,655	4,088	1,955	1,010	13,582	3,617	3,228	**46,768**	44,687	**88,227**
2 VALLEY MANHA	21,680	92,840	88,880	22,627	9,354	132,807	152,302	28,786	**549,276**	83,925	**604,415**
3 MIDTOWN MAN	1,526	43,999	19,902	15,103	3,478	74,661	52,805	9,414	**220,889**	114,696	**326,170**
4 OTHER MANHAT	15,354	216,742	128,041	93,785	29,186	329,762	264,770	45,247	**1,122,887**	27,204	**1,104,845**
5 QUEENS, NY	33,061	684,015	127,845	310,103	79,565	797,464	506,476	83,464	**2,621,994**	34,320	**2,572,849**
6 BRONX, NY	37,915	338,201	14,510	230,511	39,782	527,224	214,777	34,443	**1,437,363**	14,907	**1,417,827**
7 KINGS, NY	52,696	656,167	112,485	400,270	100,544	840,438	557,034	92,160	**2,811,794**	53,630	**2,773,264**
8 RICHMOND, NY	1,528	109,239	33,860	72,372	8,693	222,982	96,053	13,523	**558,250**	6,022	**550,749**
9 NASSAU, NY	6,074	312,975	154,001	242,213	30,727	604,530	414,076	44,283	**1,808,879**	36,064	**1,800,660**
10 SUFFOLK, NY	8,564	467,860	147,196	276,802	39,584	840,289	606,482	58,378	**2,445,153**	48,943	**2,435,719**
11 WESTCHESTER, I	5,620	219,398	105,818	154,177	13,400	360,959	269,459	32,478	**1,161,308**	29,074	**1,157,904**
12 ROCKLAND, NY	2,119	69,877	36,687	58,184	16,319	121,397	121,221	10,029	**435,834**	7,303	**433,108**
13 PUTNAM, NY	1,030	32,530	10,685	26,121	713	58,952	34,057	3,255	**167,344**	1,009	**165,098**
14 ORANGE, NY	5,305	98,478	22,759	73,752	8,846	120,090	112,735	10,322	**452,287**	6,149	**448,114**
15 DUTCHESS, NY	3,290	80,511	19,144	37,066	6,129	118,658	74,661	7,545	**347,003**	5,882	**345,341**
16 FAIRFIELD, CT	19,817	222,684	96,650	128,173	18,560	468,590	266,711	26,617	**1,247,803**	21,079	**1,242,265**
17 BERGEN, NJ	6,209	251,485	113,137	172,655	24,082	496,274	293,594	40,281	**1,397,717**	37,189	**1,394,625**
18 PASSAIC, NJ	10,376	122,361	27,787	52,072	10,689	246,291	160,607	14,392	**644,577**	9,244	**639,428**
19 HUDSON, NJ	16,284	177,475	41,769	80,210	10,554	179,866	125,175	24,243	**655,578**	15,288	**646,623**
20 ESSEX, NJ	10,117	189,618	55,998	123,122	8,538	344,344	201,141	26,962	**959,841**	27,037	**959,916**
21 UNION, NJ	2,778	169,667	41,196	104,895	7,305	212,843	175,455	21,904	**736,043**	17,733	**731,872**
22 MORRIS, NJ	0	123,354	60,562	83,331	4,193	216,961	151,689	20,819	**660,909**	27,365	**667,455**
23 SOMERSET, NJ	100	80,601	44,203	55,085	6,570	114,910	80,382	12,162	**394,013**	12,637	**394,488**
24 MIDDLESEX, NJ	4,349	248,267	64,740	161,842	14,615	347,179	207,918	33,707	**1,082,618**	28,132	**1,077,043**
25 MONMOUTH, N.	5,286	147,413	67,501	106,571	8,467	307,738	229,261	25,246	**897,483**	21,877	**894,113**
26 OCEAN, NJ	5,095	144,126	30,690	84,791	22,882	231,256	195,510	16,053	**730,402**	10,535	**724,884**
27 HUNTERDON, N.	262	24,419	15,309	19,360	633	46,127	31,543	3,760	**141,412**	3,169	**140,821**
28 WARREN, NJ	762	25,910	1,956	19,801	1,207	61,389	17,789	2,282	**131,096**	529	**129,343**
29 SUSSEX, NJ	436	51,533	10,070	21,009	2,057	52,448	31,396	7,179	**176,130**	4,310	**173,261**
30 NEW HAVEN, CT	8,626	248,069	48,842	132,869	17,475	398,147	188,626	39,856	**1,082,509**	40,608	**1,083,261**
31 MERCER, NJ	2,225	86,193	27,477	50,559	4,560	140,674	86,624	12,621	**410,933**	14,093	**412,405**
TOTAL	289,118	5,754,664	1,773,789	3,411,387	549,715	9,028,832	5,923,948	804,639	**27,536,093**	804,639	**27,536,093**

* At Work Origins by Residence proccessed from the 2010 RHTS survey and copied in this table as constants.

Model minus Survey: # Difference

Current Scenari **102C**
Source Scenari **2010 RHTS**

Model Run: **BPM 2010 Model Run 1 - HAJ**

Total Paired Journeys -- Origin Districts by Purpose:

Destir	Districts	WORK LOW	WORK MEI	WORK HI	SCHOOL	UNIV	MAINT	DISCR	AT WORK by RES (HAJ)	**TOTAL (1) HAJ only**	AT WORK by WP (MDSC)	**TOTAL (2)**
1	LOWER MANHA	-235	-3,478	-27	-88	20	-148	-95	-30	**-4,081**	-15,875	**-19,926**
2	VALLEY MANHA	225	-795	-12,645	-245	-191	428	-629	-160	**-14,012**	-19,085	**-32,937**
3	MIDTOWN MAN	63	-340	318	102	70	587	-18	188	**-781**	-33,818	**-34,786**
4	OTHER MANHAT	372	392	-12,421	260	-155	327	-2,542	565	**-13,285**	8,529	**-5,322**
5	QUEENS, NY	256	740	11,875	-522	-480	-3,029	-1,768	-477	**6,664**	24,308	**31,450**
6	BRONX, NY	195	-14	-14	-25	187	2,410	-816	-328	**1,595**	17,081	**19,004**
7	KINGS, NY	-529	1,362	1,241	1,096	659	349	-184	357	**4,351**	8,787	**12,781**
8	RICHMOND, NY	-29	407	34	-138	159	1,644	313	164	**2,554**	3,536	**5,925**
9	NASSAU, NY	130	1,210	-1,093	-170	459	-2,369	-237	201	**-1,869**	9,455	**7,385**
10	SUFFOLK, NY	99	27	888	534	-112	-3,514	-3,199	-379	**-5,654**	6,574	**1,298**
11	WESTCHESTER, I	10,581	23,794	-10,133	55,695	7,387	142,025	-108,159	35,311	**156,502**	3,921	**125,112**
12	ROCKLAND, NY	67	-123	-482	632	-73	1,401	324	-151	**1,594**	2,134	**3,879**
13	PUTNAM, NY	-17	-20	-45	-328	-16	-264	99	-74	**-666**	1,569	**977**
14	ORANGE, NY	-88	-359	69	163	-96	-431	-156	78	**-820**	4,104	**3,206**
15	DUTCHESS, NY	819	12,373	-3,048	12,798	-1,538	29,909	-30,354	15,782	**36,742**	3,548	**24,507**
16	FAIRFIELD, CT	628	21,960	9,700	-436	-43	30,528	26,140	2,608	**91,084**	16,706	**105,182**
17	BERGEN, NJ	63	-158	-833	-140	-32	2,852	1,848	-621	**2,979**	-1,852	**1,748**
18	PASSAIC, NJ	-43	38	-156	-268	-22	-786	425	140	**-674**	6,872	**6,059**
19	HUDSON, NJ	-1,739	-182	587	307	125	1,196	191	398	**881**	8,686	**9,169**
20	ESSEX, NJ	88	344	-13	-14	39	-693	640	640	**1,030**	3,265	**3,655**
21	UNION, NJ	-45	-143	-545	502	92	1,289	-526	153	**776**	1,457	**2,080**
22	MORRIS, NJ	0	523	48	-429	-21	61	106	31	**319**	-3,797	**-3,509**
23	SOMERSET, NJ	4	-28	107	-370	-38	-167	-421	241	**-672**	2,870	**1,957**
24	MIDDLESEX, NJ	-20	291	703	-547	61	646	1,149	156	**2,438**	819	**3,101**
25	MONMOUTH, N.	-78	-12	361	-93	-50	-519	-84	214	**-261**	-2,107	**-2,581**
26	OCEAN, NJ	98	-435	187	54	-359	-1,686	-70	124	**-2,086**	4,908	**2,698**
27	HUNTERDON, N.	-11	43	-173	135	-5	79	322	41	**515**	769	**1,243**
28	WARREN, NJ	51	344	72	157	70	833	-19	-56	**1,452**	1,198	**2,706**
29	SUSSEX, NJ	3	-95	-213	-106	13	-12	-577	-51	**-1,040**	-1,094	**-2,083**
30	NEW HAVEN, CT	-27	-219	-208	-302	-59	31	503	-407	**-785**	-9,084	**-9,462**
31	MERCER, NJ	1	-426	267	535	-48	-1,809	507	324	**-621**	524	**-421**
	TOTAL	10,881	57,019	-15,594	68,748	6,005	201,168	-117,289	54,982	**264,169**	54,908	**264,095**

Model minus Survey: % Difference

Current Sc **102C**
Source Sce **2010 RHTS**

Model Run: **BPM 2010 Model Run 1 - HAJ**

Total Paired Journeys -- Origin Districts by Purpose:

Destir	Districts	WORK LOV	WORK MEI	WORK HI	SCHOOL	UNIV	MAINT	DISCR	AT WORK by RES (HAJ)	**TOTAL (1) HAJ only**	AT WORK by WP (MDSC)	**TOTAL (2)**
1	LOWER MANHA	-37%	-19%	-1%	-5%	2%	-1%	-3%	-1%	-9%	-36%	-23%
2	VALLEY MANHA	1%	-1%	-14%	-1%	-2%	0%	0%	-1%	-3%	-23%	-5%
3	MIDTOWN MAN	4%	-1%	2%	1%	2%	1%	0%	2%	0%	-29%	-11%
4	OTHER MANHAT	2%	0%	-10%	0%	-1%	0%	-1%	1%	-1%	31%	0%
5	QUEENS, NY	1%	0%	9%	0%	-1%	0%	0%	-1%	0%	71%	1%
6	BRONX, NY	1%	0%	0%	0%	0%	0%	0%	-1%	0%	115%	1%
7	KINGS, NY	-1%	0%	1%	0%	1%	0%	0%	0%	0%	16%	0%
8	RICHMOND, NY	-2%	0%	0%	0%	2%	1%	0%	1%	0%	59%	1%
9	NASSAU, NY	2%	0%	-1%	0%	1%	0%	0%	0%	0%	26%	0%
10	SUFFOLK, NY	1%	0%	1%	0%	0%	0%	-1%	-1%	0%	13%	0%
11	WESTCHESTER,	188%	11%	-10%	36%	55%	39%	-40%	109%	13%	13%	11%
12	ROCKLAND, NY	3%	0%	-1%	1%	0%	1%	0%	-2%	0%	29%	1%
13	PUTNAM, NY	-2%	0%	0%	-1%	-2%	0%	0%	-2%	0%	156%	1%
14	ORANGE, NY	-2%	0%	0%	0%	-1%	0%	0%	1%	0%	67%	1%
15	DUTCHESS, NY	25%	15%	-16%	35%	-25%	25%	-41%	209%	11%	60%	7%
16	FAIRFIELD, CT	3%	10%	10%	0%	0%	7%	10%	10%	7%	79%	8%
17	BERGEN, NJ	1%	0%	-1%	0%	0%	1%	1%	-2%	0%	-5%	0%
18	PASSAIC, NJ	0%	0%	-1%	-1%	0%	0%	0%	1%	0%	74%	1%
19	HUDSON, NJ	-11%	0%	1%	0%	1%	1%	0%	2%	0%	57%	1%
20	ESSEX, NJ	1%	0%	0%	0%	0%	0%	0%	2%	0%	12%	0%
21	UNION, NJ	-2%	0%	-1%	0%	1%	1%	0%	1%	0%	8%	0%
22	MORRIS, NJ		0%	0%	-1%	0%	0%	0%	0%	0%	-14%	-1%
23	SOMERSET, NJ	4%	0%	0%	-1%	-1%	0%	-1%	2%	0%	23%	0%
24	MIDDLESEX, NJ	0%	0%	1%	0%	0%	0%	1%	0%	0%	3%	0%
25	MONMOUTH, N	-1%	0%	1%	0%	-1%	0%	0%	1%	0%	-10%	0%
26	OCEAN, NJ	2%	0%	1%	0%	-2%	-1%	0%	1%	0%	47%	0%
27	HUNTERDON, N	-4%	0%	-1%	1%	-1%	0%	1%	1%	0%	24%	1%
28	WARREN, NJ	7%	1%	4%	1%	6%	1%	0%	-2%	1%	226%	2%
29	SUSSEX, NJ	1%	0%	-2%	-1%	1%	0%	-2%	-1%	-1%	-25%	-1%
30	NEW HAVEN, CT	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-22%	-1%
31	MERCER, NJ	0%	0%	1%	1%	-1%	-1%	1%	3%	0%	4%	0%
	TOTAL	4%	1%	-1%	2%	1%	2%	-2%	7%	1%	7%	1%

SURVEY: RHTS 2010 Targets (GPS corrected) **COMPARE** **REPORT 2** **Journeys: by Mode by Purpose , Stops, O,D (MDSC)**
BPM Districts (31)

Total Paired Journeys -- Destination Districts by Purpose:

Destination	Districts	WORK LOW	WORK MED	WORK HI	SCHOOL	UNIV	MAINT	DISC	AT WORK	**TOTAL**
1	LOWER MANHATTAI	9,081	159,127	86,612	8,412	17,533	28,921	21,434	31,906	**363,026**
2	VALLEY MANHATTA	38,232	389,963	145,868	34,293	45,887	246,185	216,059	92,582	**1,209,068**
3	MIDTOWN MANHAT	20,834	420,276	279,349	12,050	7,989	127,912	116,989	114,567	**1,099,967**
4	OTHER MANHATTAI	23,823	228,425	59,504	128,997	49,419	411,565	253,310	34,119	**1,189,162**
5	QUEENS,	22,040	444,021	85,000	312,129	53,853	728,983	426,060	29,551	**2,101,636**
6	BRONX,	19,645	233,493	32,569	218,628	24,157	422,303	211,158	17,746	**1,179,699**
7	KINGS,	33,512	467,683	73,659	380,845	76,958	772,462	553,488	56,568	**2,415,176**
8	RICHMOND,	2,066	69,521	18,541	62,023	6,218	196,172	91,537	6,153	**452,231**
9	NASSAU,	5,805	315,868	110,131	237,593	39,129	642,327	438,997	34,670	**1,824,520**
10	SUFFOLK,	8,564	408,626	110,951	275,440	34,432	813,755	591,161	47,936	**2,290,865**
11	WESTCHESTER,	6,133	209,017	83,920	161,371	10,088	395,847	267,226	29,322	**1,162,924**
12	ROCKLAND,	2,185	65,656	18,284	54,972	15,197	120,398	121,924	7,303	**405,919**
13	PUTNAM,	2,598	14,086	6,163	25,162	157	45,592	33,006	1,009	**127,773**
14	ORANGE,	5,038	76,578	9,708	66,131	6,944	118,114	112,725	6,050	**401,288**
15	DUTCHESS,	2,806	65,734	17,042	36,235	5,021	108,780	69,163	5,882	**310,663**
16	FAIRFIELD,	17,928	235,185	87,779	129,099	18,617	480,520	260,212	20,790	**1,250,130**
17	BERGEN,	5,185	235,861	80,455	173,852	16,678	515,878	279,385	36,229	**1,343,521**
18	PASSAIC,	7,952	121,046	16,978	51,406	12,142	246,756	162,914	11,348	**630,540**
19	HUDSON,	9,079	168,874	38,173	77,634	7,815	161,850	120,883	15,444	**599,752**
20	ESSEX,	13,956	204,637	51,230	130,027	12,744	332,493	207,285	25,384	**977,757**
21	UNION,	3,582	135,800	33,943	99,929	7,307	192,729	155,658	16,350	**645,298**
22	MORRIS,	129	150,447	66,082	85,503	4,969	220,994	159,522	25,097	**712,743**
23	SOMERSET,	100	97,311	46,185	53,386	4,890	135,119	75,176	16,052	**428,218**
24	MIDDLESEX,	7,127	215,922	46,371	161,058	15,935	335,404	210,748	24,852	**1,017,416**
25	MONMOUTH,	5,396	133,399	43,339	106,615	5,661	318,233	228,516	20,544	**861,703**
26	OCEAN,	3,308	112,099	23,812	83,330	22,792	219,732	197,249	13,221	**675,543**
27	HUNTERDON,	262	21,152	13,684	20,804	369	43,608	30,488	2,476	**132,843**
28	WARREN,	330	13,691	2,023	18,568	529	56,252	13,911	1,416	**106,720**
29	SUSSEX,	828	24,609	3,970	20,733	1,683	44,391	31,013	5,700	**132,927**
30	NEW HAVEN CT	8,959	222,900	47,629	133,861	17,737	396,067	185,198	41,040	**1,053,391**
31	MERCER,	2,634	93,659	34,837	51,302	6,867	149,490	81,551	13,334	**433,675**
	TOTAL	289,118	5,754,664	1,773,789	3,411,387	549,715	9,028,832	5,923,948	804,639	**27,536,093**

SURVEY: RHTS 2010 Targets (GPS corrected) **COMPARE** **REPORT 2** **Journeys: by Mode by Purpose , Stops, O,D (MDSC)**
BPM Districts (31)

Total Paired Journeys -- Origin Districts by Modes:

Origin	Districts	SOV	HOV2	HOV3	HOV4+	WT	DT	WC	DC	TAXI	NM	SB	TOTAL
1	LOWER MANHATTAI	722	6,688	1,525	57	37,564	1,745	1,213	768	338	37,463	144	**88,227**
2	VALLEY MANHATTA	13,273	12,646	4,067	383	196,184	3,599	1,880	4,613	16,592	350,672	506	**604,415**
3	MIDTOWN MANHAT	4,134	362	923	0	83,010	186	4,611	101	14,455	215,381	3,010	**326,170**
4	OTHER MANHATTAN	36,288	39,490	19,827	14,120	509,135	7,417	1,805	12,014	61,011	389,663	14,075	**1,104,845**
5	QUEENS,	438,961	414,561	224,120	150,541	634,063	36,760	39,089	21,970	22,718	519,083	70,983	**2,572,849**
6	BRONX,	113,090	138,839	84,101	59,688	492,399	17,983	8,148	3,564	63,931	399,492	36,593	**1,417,827**
7	KINGS,	282,481	301,639	111,191	113,881	956,960	35,195	8,178	4,701	29,210	836,306	93,521	**2,773,264**
8	RICHMOND,	152,528	142,099	58,742	51,063	69,800	10,148	135	0	3,931	45,174	17,127	**550,749**
9	NASSAU,	689,944	432,270	215,767	128,709	21,621	3,603	62,719	29,484	7,985	94,131	114,428	**1,800,660**
10	SUFFOLK,	945,369	636,181	328,852	189,352	7,891	1,506	29,160	20,724	7,910	88,368	180,406	**2,435,719**
11	WESTCHESTER,	381,031	282,898	134,143	78,890	22,537	3,569	53,940	26,178	9,384	87,686	77,648	**1,157,904**
12	ROCKLAND,	150,343	104,534	47,785	44,353	8,413	1,600	2,495	1,893	4,800	20,702	46,189	**433,108**
13	PUTNAM,	66,104	53,775	15,077	5,901	956	134	1,838	137	1,101	3,568	16,508	**165,098**
14	ORANGE,	170,149	94,802	52,182	31,957	10,785	5,653	3,424	1,874	3,181	28,664	45,442	**448,114**
15	DUTCHESS,	148,464	67,853	31,686	28,435	3,129	0	4,680	6,255	3,154	20,068	31,616	**345,341**
16	FAIRFIELD,	457,181	303,965	179,577	156,291	3,131	5,537	16,171	19,119	1,076	34,787	65,430	**1,242,265**
17	BERGEN,	493,941	354,488	221,697	125,321	51,803	8,808	10,703	6,046	4,259	88,502	29,057	**1,394,625**
18	PASSAIC,	226,245	169,037	70,612	37,840	20,503	3,521	1,740	1,037	13,701	84,791	10,400	**639,428**
19	HUDSON,	148,739	86,478	40,250	27,233	147,389	11,900	5,857	2,061	10,798	158,747	7,170	**646,623**
20	ESSEX,	278,641	216,479	85,016	74,307	85,010	14,621	12,828	6,145	4,648	157,535	24,686	**959,916**
21	UNION,	249,327	172,822	115,642	54,617	12,385	613	18,872	9,725	3,260	67,956	26,653	**731,872**
22	MORRIS,	289,082	173,743	84,312	55,073	6,949	858	1,949	3,074	367	18,543	33,506	**667,455**
23	SOMERSET,	160,392	114,546	37,149	33,306	2,909	0	4,794	1,900	1,708	12,143	25,640	**394,488**
24	MIDDLESEX,	378,807	272,120	158,691	84,830	15,998	6,783	18,082	8,259	5,077	46,000	82,395	**1,077,043**
25	MONMOUTH,	351,270	222,032	140,770	63,259	15,395	6,858	9,679	4,002	5,427	17,517	57,904	**894,113**
26	OCEAN,	308,106	150,659	83,577	67,562	3,790	3,559	550	604	3,443	50,839	52,195	**724,884**
27	HUNTERDON,	58,372	35,509	20,659	4,576	2,570	534	323	0	0	4,342	13,936	**140,821**
28	WARREN,	47,768	40,261	15,038	11,949	619	242	0	43	0	4,271	9,153	**129,343**
29	SUSSEX,	73,656	44,728	23,726	11,415	386	147	0	823	100	4,507	13,774	**173,261**
30	NEW HAVEN CT	448,944	272,312	88,300	78,698	20,011	2,859	4,077	11,369	1,042	67,691	87,958	**1,083,261**
31	MERCER,	159,664	98,877	43,863	40,464	6,327	1,295	6,510	755	724	27,913	26,015	**412,405**
	TOTAL	7,723,019	5,456,691	2,738,865	1,824,073	3,449,619	197,233	335,448	209,235	305,334	3,982,507	1,314,070	**27,536,093**

Total Paired Journeys -- Destination Districts by Modes:

Destination	Districts	SOV	HOV2	HOV3	HOV4+	WT	DT	WC	DC	TAXI	NM	SB	TOTAL
1	LOWER MANHATTAI	8,154	15,561	3,550	1,280	207,064	27,888	25,540	21,282	6,672	45,834	199	**363,026**
2	VALLEY MANHATTA	49,357	41,135	15,709	5,340	595,466	30,801	64,086	39,651	30,245	334,686	2,593	**1,209,068**
3	MIDTOWN MANHAT	29,482	26,595	7,948	3,275	561,958	38,543	107,203	65,567	28,748	230,537	111	**1,099,967**
4	OTHER MANHATTAN	63,736	44,137	37,892	24,188	517,704	19,803	20,274	6,496	48,830	389,097	17,005	**1,189,162**
5	QUEENS,	409,832	339,624	186,339	159,494	378,931	11,098	16,825	13,907	14,664	504,850	66,074	**2,101,636**
6	BRONX,	127,052	147,843	67,912	52,781	263,082	13,222	10,587	5,269	57,143	396,015	38,793	**1,179,699**
7	KINGS,	281,075	313,784	124,728	114,561	570,433	17,223	14,787	4,071	30,752	844,422	99,340	**2,415,176**
8	RICHMOND,	140,385	124,395	53,435	37,859	28,803	5,311	222	174	4,054	45,174	12,419	**452,231**
9	NASSAU,	724,316	490,895	226,334	131,843	16,890	840	14,030	2,560	5,795	96,132	114,884	**1,824,520**
10	SUFFOLK,	904,685	593,322	320,806	190,281	7,784	189	1,898	2,128	1,279	88,368	180,125	**2,290,865**
11	WESTCHESTER,	402,941	299,311	150,762	86,376	29,296	4,767	8,562	8,920	8,281	88,368	75,339	**1,162,924**
12	ROCKLAND,	131,245	91,708	54,092	43,019	6,188	858	0	0	8,430	24,468	45,912	**405,919**
13	PUTNAM,	46,062	31,722	14,170	9,865	50	1,695	870	937	347	3,568	18,486	**127,773**
14	ORANGE,	149,170	92,830	52,854	24,327	1,774	0	0	3,380	3,181	28,435	45,337	**401,288**
15	DUTCHESS,	130,852	63,836	34,778	25,207	3,129	0	0	102	1,610	20,068	31,082	**310,663**
16	FAIRFIELD,	477,552	310,806	185,167	158,679	3,131	6,477	2,731	4,930	1,123	34,787	64,747	**1,250,130**
17	BERGEN,	505,549	351,622	208,944	123,496	28,632	3,113	1,247	569	4,011	86,309	30,029	**1,343,521**
18	PASSAIC,	229,009	168,660	77,033	31,147	13,414	268	825	0	13,375	85,969	10,839	**630,540**
19	HUDSON,	141,522	87,882	48,706	26,749	79,094	6,271	20,412	13,867	8,011	158,780	8,459	**599,752**
20	ESSEX,	290,547	239,543	84,865	75,547	82,745	1,924	12,560	3,746	8,239	154,906	23,135	**977,757**
21	UNION,	229,438	162,922	99,148	51,366	6,795	738	1,408	160	2,440	68,236	22,645	**645,298**
22	MORRIS,	317,534	190,682	95,164	53,333	2,154	0	654	158	180	18,543	34,342	**712,743**
23	SOMERSET,	190,381	118,144	37,194	40,023	2,858	0	941	0	2,039	12,266	24,372	**428,218**
24	MIDDLESEX,	362,170	254,923	167,225	75,500	9,733	946	7,630	2,553	4,649	45,597	86,489	**1,017,416**
25	MONMOUTH,	345,079	223,397	136,502	69,362	4,735	421	131	265	5,263	17,631	58,920	**861,703**
26	OCEAN,	281,423	145,104	79,797	60,638	1,676	976	0	0	3,664	50,505	51,759	**675,543**
27	HUNTERDON,	49,933	34,759	19,546	8,607	1,545	0	0	246	0	4,342	13,864	**132,843**
28	WARREN,	32,585	39,664	11,764	9,277	112	0	0	0	0	4,271	9,046	**106,720**
29	SUSSEX,	55,604	30,162	14,574	13,134	0	0	0	0	495	4,736	14,222	**132,927**
30	NEW HAVEN CT	441,062	272,577	73,177	77,087	19,429	2,859	1,880	7,589	1,091	67,691	88,949	**1,053,391**
31	MERCER,	175,286	109,144	48,751	40,434	5,017	1,004	146	704	724	27,913	24,552	**433,675**
	TOTAL	7,723,019	5,456,691	2,738,865	1,824,073	3,449,619	197,233	335,448	209,235	305,334	3,982,507	1,314,070	**27,536,093**

SURVEY:	RHTS 2010 Targets (GPS corrected)	COMPARE	REPORT 2 BPM Districts (31)	Journeys: by Mode by Purpose , Stops, O,D (MDSC)

SubRegion-SubRegion Journeys OD by PURPOSE

WORK Paired Journeys -- O/D Sub-regions: 0 0

Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	234,143	20,348	14,893	6,993	4,467	1,220	10,138	292,202
2	OTHER MANH	214,818	84,474	40,393	2,538	3,792	2,187	11,935	360,137
3	OTHER NYC	667,521	146,910	1,191,915	94,439	38,672	4,282	57,785	2,201,524
4	LONG ISLAND	108,265	9,446	106,042	849,071	8,110	2,181	13,555	1,096,670
5	OTHER NY ST	79,562	19,184	75,173	2,530	481,263	23,043	32,499	713,253
6	CONNECTICUT	24,133	2,737	6,445	317	20,013	582,654	8,389	644,688
7	NEW JERSEY	220,900	28,654	66,888	4,055	28,632	4,814	2,155,155	2,509,098
	TOTAL	1,549,342	311,753	1,501,749	959,944	584,948	620,380	2,289,455	7,817,572

SCHOOL & UNIV Paired Journeys -- O/D Sub-regions

Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	37,166	13,091	2,421	0	346	0	503	53,527
2	OTHER MANH	23,977	90,201	8,310	114	73	0	296	122,971
3	OTHER NYC	54,000	64,832	1,096,484	22,033	3,822	0	668	1,241,839
4	LONG ISLAND	491	3,974	20,414	564,447	0	0	0	589,326
5	OTHER NY ST	5,029	4,992	4,529	0	374,310	2,236	3,610	394,706
6	CONNECTICUT	0	0	0	0	0	297,078	0	297,078
7	NEW JERSEY	5,502	1,325	2,652	0	2,727	0	1,249,449	1,261,656
	TOTAL	126,164	178,416	1,134,810	586,594	381,278	299,314	1,254,526	3,961,102

OTHER Paired Journeys -- O/D Sub-regions:

Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	596,029	45,158	25,624	2,068	2,393	0	1,810	673,083
2	OTHER MANH	90,442	472,855	39,478	1,157	11,648	0	6,158	621,737
3	OTHER NYC	210,088	138,692	3,321,308	121,441	44,391	153	35,253	3,871,327
4	LONG ISLAND	27,125	7,315	76,295	2,435,929	1,775	0	1,944	2,550,383
5	OTHER NY ST	18,495	10,704	26,163	6,191	1,332,071	22,409	25,571	1,441,605
6	CONNECTICUT	2,748	587	1,612	548	15,884	1,360,552	1,829	1,383,761
7	NEW JERSEY	51,627	23,682	21,704	1,512	34,178	713	5,082,109	5,215,524
	TOTAL	996,554	698,994	3,512,183	2,568,846	1,442,341	1,383,827	5,154,674	15,757,419

Total Paired Journeys -- O/D Sub-regions:

Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	867,338	78,598	42,938	9,061	7,207	1,220	12,450	1,018,812
2	OTHER MANH	329,237	647,529	88,181	3,809	15,513	2,187	18,389	1,104,845
3	OTHER NYC	931,609	350,435	5,609,706	237,913	86,885	4,435	93,706	7,314,689
4	LONG ISLAND	135,881	20,735	202,750	3,849,448	9,886	2,181	15,499	4,236,379
5	OTHER NY ST	103,085	34,880	105,865	8,721	2,187,644	47,689	61,679	2,549,564
6	CONNECTICUT	26,882	3,324	8,057	866	35,897	2,240,283	10,218	2,325,526
7	NEW JERSEY	278,029	53,661	91,245	5,567	65,536	5,526	8,486,713	8,986,278
	TOTAL	2,672,060	1,189,162	6,148,742	4,115,385	2,408,567	2,303,520	8,698,656	27,536,093

SCENARIO: 102C **COMPARE** **REPORT 2** **Journeys: by Mode by Purpose , Stops, O,D (MDSC)**
BPM Districts (31)

Total Paired Journeys -- Destination Districts by Purpose:

Destination	Districts	WORK LOW	WORK MED	WORK HI	SCHOOL	UNIV	MAINT	DISC	AT WORK	**TOTAL**
1	LOWER MANHATTA	9,584	162,722	86,561	8,140	17,735	26,636	23,562	25,321	**360,261**
2	VALLEY MANHATTA	39,966	398,886	145,828	31,637	46,418	244,022	217,333	75,599	**1,199,689**
3	MIDTOWN MANHAT	21,987	429,739	279,166	11,692	8,082	123,354	118,362	91,461	**1,083,843**
4	OTHER MANHATTAI	24,945	234,048	59,635	126,478	49,990	407,535	258,040	37,067	**1,197,738**
5	QUEENS,	22,076	434,661	81,339	309,280	54,469	724,528	423,895	44,814	**2,095,062**
6	BRONX,	20,629	239,901	32,706	226,639	24,441	430,796	188,192	20,430	**1,183,734**
7	KINGS,	33,521	457,855	70,397	399,981	77,851	773,838	542,747	65,366	**2,421,556**
8	RICHMOND,	2,166	71,204	18,561	68,116	6,286	195,614	89,454	8,109	**459,510**
9	NASSAU,	5,806	306,867	105,622	248,272	39,569	637,672	426,257	44,082	**1,814,147**
10	SUFFOLK,	8,598	396,849	106,362	276,250	34,829	808,380	586,046	55,913	**2,273,227**
11	WESTCHESTER,	6,372	214,107	84,022	207,250	10,198	515,798	174,279	35,756	**1,247,782**
12	ROCKLAND,	2,283	67,264	18,309	58,355	15,376	126,030	126,239	7,976	**421,832**
13	PUTNAM,	2,710	14,344	6,189	24,844	158	50,126	31,116	1,680	**131,167**
14	ORANGE,	5,286	78,258	9,727	71,889	7,027	120,730	106,628	7,140	**406,685**
15	DUTCHESS,	2,941	67,597	17,074	44,641	4,922	137,121	44,535	9,078	**327,909**
16	FAIRFIELD,	18,894	240,544	87,758	128,366	18,827	514,551	280,295	34,963	**1,324,198**
17	BERGEN,	5,403	241,578	80,551	172,511	16,868	517,349	287,482	43,746	**1,365,488**
18	PASSAIC,	8,313	123,786	16,970	52,711	12,282	248,225	166,014	14,025	**642,326**
19	HUDSON,	9,564	172,421	38,091	79,755	7,894	167,485	123,857	21,426	**620,493**
20	ESSEX,	14,672	209,918	51,363	125,774	12,890	342,231	211,696	30,521	**999,065**
21	UNION,	3,817	139,499	34,081	96,679	7,390	199,504	160,698	19,330	**660,998**
22	MORRIS,	149	153,837	66,044	82,717	5,026	222,922	160,556	26,549	**717,800**
23	SOMERSET,	94	99,698	46,261	51,647	4,948	133,258	76,277	16,847	**429,030**
24	MIDDLESEX,	7,503	220,786	46,342	155,808	16,117	339,170	216,486	29,642	**1,031,854**
25	MONMOUTH,	5,680	136,131	43,230	103,668	5,726	311,737	227,225	21,067	**854,464**
26	OCEAN,	3,455	114,734	23,837	79,691	22,893	225,459	193,918	14,534	**678,521**
27	HUNTERDON,	276	21,599	13,661	20,118	371	43,495	30,426	3,028	**132,974**
28	WARREN,	349	14,085	2,036	17,948	535	55,896	13,815	1,492	**106,156**
29	SUSSEX,	883	25,199	3,967	20,057	1,694	45,778	30,091	3,878	**131,547**
30	NEW HAVEN CT	9,443	227,415	47,489	129,495	17,933	397,704	187,457	34,244	**1,051,180**
31	MERCER,	2,620	95,838	34,849	49,624	6,951	142,297	83,310	14,463	**429,952**
	TOTAL	299,985	5,811,370	1,758,028	3,480,033	555,696	9,229,241	5,806,288	859,547	**27,800,188**

SCENARIO: 102C **COMPARE** **REPORT 2** **Journeys: by Mode by Purpose , Stops, O,D (MDSC)**
BPM Districts (31)

Total Paired Journeys -- Origin Districts by Modes:

Origin	Districts	SOV	HOV2	HOV3	HOV4+	WT	DT	WC	DC	TAXI	NM	SB	TOTAL
1	LOWER MANHATTA	3,177	8,629	1,658	367	14,527	493	116	318	9,374	29,231	411	**68,301**
2	VALLEY MANHATTA	16,391	27,942	4,686	2,099	214,883	7,369	790	703	42,068	250,055	4,492	**571,478**
3	MIDTOWN MANHAT	11,222	18,829	4,608	934	91,119	2,684	533	1,439	28,500	129,365	2,151	**291,384**
4	OTHER MANHATTAI	54,039	50,247	32,925	16,356	478,780	19,265	3,486	3,885	80,282	344,790	15,468	**1,099,523**
5	QUEENS,	423,520	442,221	203,734	117,510	695,401	46,948	59,380	21,479	20,461	521,315	52,330	**2,604,299**
6	BRONX,	138,634	165,363	89,061	36,932	504,345	25,366	12,534	4,488	62,846	370,550	26,712	**1,436,831**
7	KINGS,	380,650	399,718	171,745	116,089	826,482	51,841	18,121	458	48,838	718,216	53,887	**2,786,045**
8	RICHMOND,	173,884	148,733	52,360	48,495	55,420	3,656	127	446	2,755	45,813	24,985	**556,674**
9	NASSAU,	626,353	435,261	203,882	141,192	27,968	5,970	56,661	75,608	7,280	136,437	91,433	**1,808,045**
10	SUFFOLK,	1,006,927	637,488	318,987	209,343	17,363	156	16,640	12,198	4,133	114,913	98,869	**2,437,017**
11	WESTCHESTER,	432,570	282,834	140,425	104,882	70,907	4,860	47,508	26,271	9,917	90,783	72,059	**1,283,016**
12	ROCKLAND,	156,252	108,346	52,988	42,045	11,944	15,459	901	2,010	795	26,515	19,732	**436,987**
13	PUTNAM,	65,037	43,668	21,204	14,831	318	153	1,633	1,064	283	6,959	10,925	**166,075**
14	ORANGE,	174,326	107,464	53,892	37,103	2,828	1,413	535	3,348	844	33,730	35,837	**451,320**
15	DUTCHESS,	149,725	92,453	45,705	31,222	2,571	731	2,837	3,423	859	15,974	24,348	**369,848**
16	FAIRFIELD,	542,085	349,853	164,944	122,705	17,916	3,631	9,629	17,413	5,955	64,718	48,598	**1,347,447**
17	BERGEN,	570,904	328,340	145,653	122,189	21,996	12,230	9,881	8,183	1,045	115,175	60,777	**1,396,373**
18	PASSAIC,	261,856	158,341	70,235	56,433	422	10,762	0	5,851	548	54,693	26,346	**645,487**
19	HUDSON,	211,439	134,284	67,964	51,076	2,949	32,280	0	3,367	1,294	122,962	28,177	**655,792**
20	ESSEX,	366,910	220,902	101,412	79,106	1,013	26,784	0	11,302	1,189	109,964	44,989	**963,571**
21	UNION,	302,751	169,924	79,497	59,679	212	5,134	0	13,243	567	67,880	35,065	**733,952**
22	MORRIS,	296,469	165,638	71,970	58,136	69	5,607	0	9,294	303	28,376	28,084	**663,946**
23	SOMERSET,	185,078	95,829	41,462	30,244	1	2,482	0	6,067	134	15,494	19,654	**396,445**
24	MIDDLESEX,	470,968	255,521	113,030	85,161	153	13,808	0	16,113	535	57,855	67,000	**1,080,144**
25	MONMOUTH,	382,701	224,176	100,081	79,024	49	8,082	0	11,817	452	38,736	46,414	**891,532**
26	OCEAN,	307,193	183,136	87,390	66,946	11	5,952	0	2,201	425	33,441	40,887	**727,582**
27	HUNTERDON,	62,741	36,467	16,657	12,255	0	871	0	428	47	5,060	7,538	**142,064**
28	WARREN,	57,123	34,571	15,255	11,972	0	114	0	255	73	4,211	8,475	**132,049**
29	SUSSEX,	81,716	41,972	18,435	14,645	0	746	0	834	57	5,428	7,345	**171,178**
30	NEW HAVEN CT	448,792	279,695	133,968	97,698	71	3,262	0	11,245	4,599	41,895	52,574	**1,073,799**
31	MERCER,	186,627	101,093	43,477	35,397	10	268	0	7,452	237	16,196	21,227	**411,984**
	TOTAL	8,548,060	5,748,938	2,669,290	1,902,066	3,059,728	318,377	241,312	282,203	336,695	3,616,730	1,076,789	**27,800,188**

Total Paired Journeys -- Destination Districts by Modes:

Destination	Districts	SOV	HOV2	HOV3	HOV4+	WT	DT	WC	DC	TAXI	NM	SB	TOTAL
1	LOWER MANHATTA	27,277	15,435	6,186	3,685	149,901	44,044	9,325	39,564	12,973	50,795	1,076	**360,261**
2	VALLEY MANHATTA	64,225	109,732	26,325	19,696	555,364	60,432	50,521	43,250	61,567	204,430	4,147	**1,199,689**
3	MIDTOWN MANHAT	65,191	48,491	15,175	6,125	451,392	75,795	73,026	116,584	51,722	179,116	1,226	**1,083,843**
4	OTHER MANHATTAI	75,121	63,032	54,767	25,962	515,804	22,852	22,174	20,371	65,968	320,333	11,354	**1,197,738**
5	QUEENS,	407,688	362,791	185,822	106,611	393,882	18,582	15,884	11,032	20,130	519,702	52,938	**2,095,062**
6	BRONX,	150,369	159,988	72,637	43,529	270,447	16,925	12,584	2,831	56,274	366,968	31,182	**1,183,734**
7	KINGS,	355,041	375,077	170,751	104,764	540,556	31,748	17,811	5,306	34,136	722,178	64,188	**2,421,556**
8	RICHMOND,	142,186	127,797	46,826	38,471	24,597	6,808	35	400	2,442	45,813	24,135	**459,510**
9	NASSAU,	698,634	478,325	219,831	150,344	21,625	1,897	5,469	2,157	2,893	136,831	96,141	**1,814,147**
10	SUFFOLK,	916,042	614,111	302,036	204,257	16,860	187	2,264	681	3,883	114,519	98,387	**2,273,227**
11	WESTCHESTER,	440,105	291,474	147,273	105,892	64,054	9,765	13,959	8,732	4,297	90,772	71,459	**1,247,782**
12	ROCKLAND,	159,784	109,724	51,584	40,552	10,690	2,047	765	287	827	26,453	19,119	**421,832**
13	PUTNAM,	45,525	36,579	17,994	12,380	358	106	373	311	243	6,894	10,404	**131,167**
14	ORANGE,	145,302	101,818	50,708	35,632	2,788	905	148	112	818	33,730	34,724	**406,685**
15	DUTCHESS,	131,779	82,102	40,716	28,207	2,552	783	1,120	1,433	848	15,974	22,395	**327,909**
16	FAIRFIELD,	529,298	350,360	165,927	123,672	19,027	3,842	5,095	7,254	6,068	64,730	48,925	**1,324,198**
17	BERGEN,	563,325	333,791	146,589	123,059	8,702	3,632	3,905	2,641	1,082	113,317	65,445	**1,365,488**
18	PASSAIC,	265,170	159,419	71,128	57,343	1,070	2,091	561	1,444	552	57,675	25,873	**642,326**
19	HUDSON,	219,983	124,050	61,590	47,253	6,335	4,490	1,467	4,415	1,235	120,356	29,319	**620,493**
20	ESSEX,	407,400	233,876	106,325	82,126	1,872	5,360	1,319	4,382	1,202	112,092	43,111	**999,065**
21	UNION,	272,955	156,520	72,716	54,942	859	1,719	698	4,280	518	65,380	30,411	**660,998**
22	MORRIS,	340,844	179,856	77,060	61,032	51	171	108	677	322	28,868	28,811	**717,800**
23	SOMERSET,	213,499	104,005	43,577	31,652	11	75	56	300	158	16,959	18,738	**429,030**
24	MIDDLESEX,	454,517	254,202	111,626	84,709	76	620	615	1,750	533	57,824	65,382	**1,031,854**
25	MONMOUTH,	368,584	222,110	99,170	78,766	45	202	68	448	462	38,708	45,901	**854,464**
26	OCEAN,	282,631	175,017	83,585	64,654	4	90	2	17	422	33,469	38,630	**678,521**
27	HUNTERDON,	58,567	34,167	15,711	11,555	0	0	0	1	44	5,060	7,869	**132,974**
28	WARREN,	42,774	28,558	12,556	10,081	0	0	0	0	72	4,211	7,904	**106,156**
29	SUSSEX,	55,422	34,681	15,904	12,962	0	0	1	0	53	5,418	7,106	**131,547**
30	NEW HAVEN CT	440,930	276,465	133,174	96,526	760	3,098	1,665	1,080	4,708	41,959	50,815	**1,051,180**
31	MERCER,	207,892	105,385	44,021	35,627	46	111	294	463	243	16,196	19,674	**429,952**
	TOTAL	8,548,060	5,748,938	2,669,290	1,902,066	3,059,728	318,377	241,312	282,203	336,695	3,616,730	**1,076,789**	**27,800,188**

SCENARIO: 102C | **COMPARE** | **REPORT 2** BPM Districts (31) | **Journeys: by Mode by Purpose , Stops, O,D (MDSC)**

SubRegion-SubRegion Journeys OD by PURPOSE

WORK Paired Journeys -- O/D Sub-regions:

Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	252,630	10,905	4,032	1,381	612	726	4,509	274,795
2	OTHER MANH	266,085	57,401	13,443	657	1,910	3,712	5,252	348,460
3	OTHER NYC	624,889	197,865	1,259,449	74,303	12,308	9,770	38,509	2,217,093
4	LONG ISLAND	130,213	23,138	99,055	828,437	3,011	1,289	12,788	1,097,931
5	OTHER NY ST	68,400	16,688	36,184	4,238	554,124	29,705	37,300	746,639
6	CONNECTICUT	22,075	1,338	32,889	11,559	16,764	584,188	7,652	676,465
7	NEW JERSEY	210,147	11,293	39,964	9,529	7,754	2,153	2,227,160	2,508,000
	TOTAL	1,574,439	318,628	1,485,016	930,104	596,483	631,543	2,333,170	7,869,383

SCHOOL & UNIV Paired Journeys --

Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	27,146	15,068	4,755	1,076	970	33	4,021	53,069
2	OTHER MANH	16,182	78,856	13,107	2,054	1,451	380	11,005	123,035
3	OTHER NYC	59,452	67,092	1,088,344	18,149	2,830	496	6,442	1,242,805
4	LONG ISLAND	640	4,814	10,717	573,132	46	229	459	590,037
5	OTHER NY ST	6,173	8,191	14,570	2,090	424,927	3,185	10,195	469,331
6	CONNECTICUT	11	34	2,545	1,374	2,311	287,855	2,077	296,207
7	NEW JERSEY	14,100	2,413	33,025	1,045	12,125	2,443	1,196,094	1,261,245
	TOTAL	123,704	176,468	1,167,063	598,920	444,660	294,621	1,230,293	4,035,729

OTHER Paired Journeys -- O/D Sub-regions:

Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	520,074	45,199	30,093	2,110	3,251	77	2,495	603,299
2	OTHER MANH	92,567	461,187	50,511	1,308	17,484	19	4,952	628,028
3	OTHER NYC	242,926	160,591	3,298,336	128,320	61,501	524	31,753	3,923,951
4	LONG ISLAND	44,183	12,230	74,111	2,420,293	2,980	74	3,223	2,557,094
5	OTHER NY ST	16,196	13,367	32,339	3,268	1,362,389	22,115	41,602	1,491,276
6	CONNECTICUT	1,258	593	1,954	21	19,020	1,425,273	455	1,448,574
7	NEW JERSEY	28,446	9,475	20,439	3,030	27,607	1,132	5,152,725	5,242,854
	TOTAL	945,650	702,642	3,507,783	2,558,350	1,494,232	1,449,214	5,237,205	15,895,076

Total Paired Journeys -- O/D Sub-regions:

Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	799,850	71,172	38,880	4,567	4,833	836	11,025	931,163
2	OTHER MANH	374,834	597,444	77,061	4,019	20,845	4,111	21,209	1,099,523
3	OTHER NYC	927,267	425,548	5,646,129	220,772	76,639	10,790	76,704	7,383,849
4	LONG ISLAND	175,036	40,182	183,883	3,821,862	6,037	1,592	16,470	4,245,062
5	OTHER NY ST	90,769	38,246	83,093	9,596	2,341,440	55,005	89,097	2,707,246
6	CONNECTICUT	23,344	1,965	37,388	12,954	38,095	2,297,316	10,184	2,421,246
7	NEW JERSEY	252,693	23,181	93,428	13,604	47,486	5,728	8,575,979	9,012,099
	TOTAL	2,643,793	1,197,738	6,159,862	4,087,374	2,535,375	2,375,378	8,800,668	27,800,188

SCENARIO: 102C
BASE: RHTS 2010 Targets (GPS corrected)

COMPARE

REPORT 2
BPM Districts (31)

Journeys: by Mode by Purpose , Stops, O,D (MDSC)

Total Paired Journeys -- Destination Districts by Purpose:

Destination	Districts	WORK LOW	WORK MED	WORK HI	SCHOOL	UNIV	MAINT	DISC	AT WORK	TOTAL	% DIFF
1	LOWER MANHATTA	503	3,595	(51)	(272)	202	(2,285)	2,128	(6,585)	**(2,765)**	**-0.8%**
2	VALLEY MANHATTA	1,734	8,923	(40)	(2,656)	531	(2,163)	1,274	(16,983)	**(9,379)**	**-0.8%**
3	MIDTOWN MANHAT	1,153	9,463	(183)	(358)	93	(4,558)	1,373	(23,106)	**(16,124)**	**-1.5%**
4	OTHER MANHATTAI	1,122	5,623	131	(2,519)	571	(4,030)	4,730	2,948	**8,576**	**0.7%**
5	QUEENS,	36	(9,360)	(3,661)	(2,849)	616	(4,455)	(2,165)	15,263	**(6,574)**	**-0.3%**
6	BRONX,	984	6,408	137	8,011	284	8,493	(22,966)	2,684	**4,035**	**0.3%**
7	KINGS,	9	(9,828)	(3,262)	19,136	893	1,376	(10,741)	8,798	**6,380**	**0.3%**
8	RICHMOND,	100	1,683	20	6,093	68	(558)	(2,083)	1,956	**7,279**	**1.6%**
9	NASSAU,	1	(9,001)	(4,509)	10,679	440	(4,655)	(12,740)	9,412	**(10,373)**	**-0.6%**
10	SUFFOLK,	34	(11,777)	(4,589)	810	397	(5,375)	(5,115)	7,977	**(17,638)**	**-0.8%**
11	WESTCHESTER,	239	5,090	102	45,879	110	119,951	(92,947)	6,434	**84,858**	**7.3%**
12	ROCKLAND,	98	1,608	25	3,383	179	5,632	4,315	673	**15,913**	**3.9%**
13	PUTNAM,	112	258	26	(318)	1	4,534	(1,890)	671	**3,394**	**2.7%**
14	ORANGE,	248	1,680	19	5,758	83	2,616	(6,097)	1,090	**5,397**	**1.3%**
15	DUTCHESS,	135	1,863	32	8,406	(99)	28,341	(24,628)	3,196	**17,246**	**5.6%**
16	FAIRFIELD,	966	5,359	(21)	(733)	210	34,031	20,083	14,173	**74,068**	**5.9%**
17	BERGEN,	218	5,717	96	(1,341)	190	1,471	8,097	7,517	**21,967**	**1.6%**
18	PASSAIC,	361	2,740	(8)	1,305	140	1,469	3,100	2,677	**11,786**	**1.9%**
19	HUDSON,	485	3,547	(82)	2,121	79	5,635	2,974	5,982	**20,741**	**3.5%**
20	ESSEX,	716	5,281	133	(4,253)	146	9,738	4,411	5,137	**21,308**	**2.2%**
21	UNION,	235	3,699	138	(3,250)	83	6,775	5,040	2,980	**15,700**	**2.4%**
22	MORRIS,	20	3,390	(38)	(2,786)	57	1,928	1,034	1,452	**5,057**	**0.7%**
23	SOMERSET,	(6)	2,387	76	(1,739)	58	(1,861)	1,101	795	**812**	**0.2%**
24	MIDDLESEX,	376	4,864	(29)	(5,250)	182	3,766	5,738	4,790	**14,438**	**1.4%**
25	MONMOUTH,	284	2,732	(109)	(2,947)	65	(6,496)	(1,291)	523	**(7,239)**	**-0.8%**
26	OCEAN,	147	2,635	25	(3,639)	101	5,727	(3,331)	1,313	**2,978**	**0.4%**
27	HUNTERDON,	14	447	(23)	(686)	2	(113)	(62)	552	**131**	**0.1%**
28	WARREN,	19	394	13	(620)	6	(356)	(96)	76	**(564)**	**-0.5%**
29	SUSSEX,	55	590	(3)	(676)	11	1,387	(922)	(1,822)	**(1,380)**	**-1.0%**
30	NEW HAVEN CT	484	4,515	(140)	(4,366)	196	1,637	2,259	(6,796)	**(2,211)**	**-0.2%**
31	MERCER,	(14)	2,179	12	(1,678)	84	(7,193)	1,759	1,129	**(3,723)**	**-0.9%**
	TOTAL	10,867	56,706	(15,761)	68,646	5,981	200,409	(117,660)	54,908	**264,095**	
	% DIFF	3.8%	1.0%	-0.9%	2.0%	1.1%	2.2%	-2.0%	6.8%	**1.0%**	

SCENARIO:	**102C**	**COMPARE**	**REPORT 2**	**Journeys: by Mode by Purpose , Stops, O,D (MDSC)**
BASE:	**RHTS 2010 Targets (GPS corrected)**		**BPM Districts (31)**	

Total Paired Journeys -- Origin Districts by Modes:

Origin	Districts	SOV	HOV2	HOV3	HOV4+	WT	DT	WC	DC	TAXI	NM	SB	TOTAL	% DIFF
1	LOWER MANHATTA	2,455	1,941	133	310	(23,037)	(1,252)	(1,097)	(450)	9,036	(8,232)	267	**(19,926)**	**-22.6%**
2	VALLEY MANHATTA	3,118	15,296	619	1,716	18,699	3,770	(1,090)	(3,910)	25,476	(100,617)	3,986	**(32,937)**	**-5.4%**
3	MIDTOWN MANHAT	7,088	18,467	3,685	934	8,109	2,498	(4,078)	1,338	14,045	(86,016)	(859)	**(34,786)**	**-10.7%**
4	OTHER MANHATTAI	17,751	10,757	13,098	2,236	(30,355)	11,848	1,681	(8,129)	19,271	(44,873)	1,393	**(5,322)**	**-0.5%**
5	QUEENS,	(15,441)	27,660	(20,386)	(33,031)	61,338	10,188	20,291	(491)	(2,257)	2,232	(18,653)	**31,450**	**1.2%**
6	BRONX,	25,544	26,524	4,960	(22,756)	11,946	7,383	4,386	924	(1,085)	(28,942)	(9,881)	**19,004**	**1.3%**
7	KINGS,	98,169	98,079	60,554	2,208	(130,478)	16,646	9,943	(4,243)	19,628	(118,090)	(39,634)	**12,781**	**0.5%**
8	RICHMOND,	21,356	6,634	(6,382)	(2,568)	(14,380)	(6,492)	(8)	446	(1,176)	639	7,858	**5,925**	**1.1%**
9	NASSAU,	(63,591)	2,991	(11,885)	12,483	6,347	2,367	(6,058)	46,124	(705)	42,306	(22,995)	**7,385**	**0.4%**
10	SUFFOLK,	61,558	1,307	(9,865)	19,991	9,472	(1,350)	(12,520)	(8,526)	(3,777)	26,545	(81,537)	**1,298**	**0.1%**
11	WESTCHESTER,	51,539	(64)	6,282	25,992	48,370	1,291	(6,432)	93	533	3,097	(5,589)	**125,112**	**10.8%**
12	ROCKLAND,	5,909	3,812	5,203	(2,308)	3,531	13,859	(1,594)	117	(4,005)	5,813	(26,457)	**3,879**	**0.9%**
13	PUTNAM,	(1,067)	(10,107)	6,127	8,930	(638)	19	(205)	928	(818)	3,391	(5,583)	**977**	**0.6%**
14	ORANGE,	4,177	12,662	1,710	5,146	(7,957)	(4,240)	(2,889)	1,474	(2,337)	5,066	(9,605)	**3,206**	**0.7%**
15	DUTCHESS,	1,261	24,600	14,019	2,787	(558)	731	(1,843)	(2,832)	(2,295)	(4,094)	(7,268)	**24,507**	**7.1%**
16	FAIRFIELD,	84,904	45,888	(14,633)	(33,586)	14,785	(1,906)	(6,542)	(1,706)	4,879	29,931	(16,832)	**105,182**	**8.5%**
17	BERGEN,	76,963	(26,148)	(76,044)	(3,132)	(29,807)	3,422	(822)	2,137	(3,214)	26,673	31,720	**1,748**	**0.1%**
18	PASSAIC,	35,611	(10,696)	(377)	18,593	(20,081)	7,241	(1,740)	4,814	(13,153)	(30,098)	15,946	**6,059**	**0.9%**
19	HUDSON,	62,700	47,806	27,714	23,843	(144,440)	20,380	(5,857)	1,306	(9,504)	(35,785)	21,007	**9,169**	**1.4%**
20	ESSEX,	88,269	4,423	16,396	4,799	(83,997)	12,163	(12,828)	5,157	(3,459)	(47,571)	20,303	**3,655**	**0.4%**
21	UNION,	53,424	(2,898)	(36,145)	5,062	(12,173)	4,521	(18,872)	3,518	(2,693)	(76)	8,412	**2,080**	**0.3%**
22	MORRIS,	7,387	(8,105)	(12,342)	3,063	(6,880)	4,749	(1,949)	6,220	(64)	9,833	(5,422)	**(3,509)**	**-0.5%**
23	SOMERSET,	24,686	(18,717)	4,313	(3,062)	(2,908)	2,482	(4,794)	4,167	(1,574)	3,351	(5,986)	**1,957**	**0.5%**
24	MIDDLESEX,	92,161	(16,598)	(45,661)	331	(15,845)	7,025	(18,082)	7,854	(4,542)	11,855	(15,395)	**3,101**	**0.3%**
25	MONMOUTH,	31,431	2,144	(40,689)	15,765	(15,346)	1,224	(9,679)	7,815	(4,975)	21,219	(11,490)	**(2,581)**	**-0.3%**
26	OCEAN,	(913)	32,477	3,813	(616)	(3,779)	2,393	(550)	1,597	(3,018)	(17,398)	(11,308)	**2,698**	**0.4%**
27	HUNTERDON,	4,369	958	(4,002)	7,679	(2,570)	337	(323)	428	47	718	(6,398)	**1,243**	**0.9%**
28	WARREN,	9,355	(5,690)	217	23	(619)	(128)	0	212	73	(60)	(678)	**2,706**	**2.1%**
29	SUSSEX,	8,060	(2,756)	(5,291)	3,230	(386)	599	0	11	(43)	921	(6,429)	**(2,083)**	**-1.2%**
30	NEW HAVEN CT	(152)	7,383	45,668	19,000	(19,940)	403	(4,077)	(124)	3,557	(25,796)	(35,384)	**(9,462)**	**-0.9%**
31	MERCER,	26,963	2,216	(386)	(5,067)	(6,317)	(1,027)	(6,510)	6,697	(487)	(11,717)	(4,788)	**(421)**	**-0.1%**
	TOTAL	825,041	292,247	(69,575)	77,993	(389,891)	121,144	(94,136)	72,968	31,361	(365,777)	(237,281)	**264,095**	
	% DIFF	10.7%	5.4%	-2.5%	4.3%	-11.3%	61.4%	-28.1%	34.9%	10.3%	-9.2%	-18.1%	**1.0%**	

Total Paired Journeys -- Destination Districts by Modes:

Destination	Districts	SOV	HOV2	HOV3	HOV4+	WT	DT	WC	DC	TAXI	NM	SB	TOTAL	% DIFF
1	LOWER MANHATTA	19,123	(126)	2,636	2,405	(57,163)	16,156	(16,215)	18,282	6,301	4,961	877	**(2,765)**	**-0.8%**
2	VALLEY MANHATTA	14,868	68,597	10,616	14,356	(40,102)	29,631	(13,565)	3,599	31,322	(130,256)	1,554	**(9,379)**	**-0.8%**
3	MIDTOWN MANHAT	35,709	21,896	7,227	2,850	(110,566)	37,252	(34,177)	51,017	22,974	(51,421)	1,115	**(16,124)**	**-1.5%**
4	OTHER MANHATTAI	11,385	18,895	16,875	1,774	(1,900)	3,049	1,900	13,875	17,138	(68,764)	(5,651)	**8,576**	**0.7%**
5	QUEENS,	(2,144)	23,167	(517)	(52,883)	14,951	7,484	(941)	(2,875)	5,466	14,852	(13,136)	**(6,574)**	**-0.3%**
6	BRONX,	23,317	12,145	4,725	(9,252)	7,365	3,703	1,997	(2,438)	(869)	(29,047)	(7,611)	**4,035**	**0.3%**
7	KINGS,	73,966	61,293	46,023	(9,797)	(29,877)	14,525	3,024	1,235	3,384	(122,244)	(35,152)	**6,380**	**0.3%**
8	RICHMOND,	1,801	3,402	(6,609)	612	(4,206)	1,497	(187)	226	(1,612)	639	11,716	**7,279**	**1.6%**
9	NASSAU,	(25,682)	(12,570)	(6,503)	18,501	4,735	1,057	(8,561)	(403)	(2,902)	40,699	(18,743)	**(10,373)**	**-0.6%**
10	SUFFOLK,	11,357	20,789	(18,770)	13,976	9,076	(2)	366	(1,447)	2,604	26,151	(81,738)	**(17,638)**	**-0.8%**
11	WESTCHESTER,	37,164	(7,837)	(3,489)	19,516	34,758	4,998	5,397	(188)	(3,984)	2,404	(3,880)	**84,858**	**7.3%**
12	ROCKLAND,	28,539	18,016	(2,508)	(2,467)	4,502	1,189	765	287	(7,603)	1,985	(26,793)	**15,913**	**3.9%**
13	PUTNAM,	(537)	4,857	3,824	2,515	308	(1,589)	(497)	(626)	(104)	3,326	(8,082)	**3,394**	**2.7%**
14	ORANGE,	(3,868)	8,988	(2,146)	11,305	1,014	905	148	(3,268)	(2,363)	5,295	(10,613)	**5,397**	**1.3%**
15	DUTCHESS,	927	18,266	5,938	3,000	(577)	783	1,120	1,331	(762)	(4,094)	(8,687)	**17,246**	**5.6%**
16	FAIRFIELD,	51,746	39,554	(19,240)	(35,007)	15,896	(2,635)	2,364	2,324	4,945	29,943	(15,822)	**74,068**	**5.9%**
17	BERGEN,	57,776	(17,831)	(62,355)	(437)	(19,930)	519	2,658	2,072	(2,929)	27,008	35,416	**21,967**	**1.6%**
18	PASSAIC,	36,161	(9,241)	(5,905)	26,196	(12,344)	1,823	(264)	1,444	(12,823)	(28,294)	15,034	**11,786**	**1.9%**
19	HUDSON,	78,461	36,168	12,884	20,504	(72,759)	(1,781)	(18,945)	(9,452)	(6,776)	(38,424)	20,860	**20,741**	**3.5%**
20	ESSEX,	116,853	(5,667)	21,460	6,579	(80,873)	3,436	(11,241)	636	(7,037)	(42,814)	19,976	**21,308**	**2.2%**
21	UNION,	43,517	(6,402)	(26,432)	3,576	(5,936)	981	(710)	4,120	(1,922)	(2,856)	7,766	**15,700**	**2.4%**
22	MORRIS,	23,310	(10,826)	(18,104)	7,699	(2,103)	171	(546)	519	142	10,325	(5,531)	**5,057**	**0.7%**
23	SOMERSET,	23,118	(14,139)	6,383	(8,371)	(2,847)	75	(885)	300	(1,881)	4,693	(5,634)	**812**	**0.2%**
24	MIDDLESEX,	92,347	(721)	(55,599)	9,209	(9,657)	(326)	(7,015)	(803)	(4,116)	12,227	(21,107)	**14,438**	**1.4%**
25	MONMOUTH,	23,505	(1,287)	(37,332)	9,404	(4,690)	(219)	(63)	183	(4,801)	21,077	(13,019)	**(7,239)**	**-0.8%**
26	OCEAN,	1,208	29,913	3,788	4,016	(1,672)	(886)	2	17	(3,242)	(17,036)	(13,129)	**2,978**	**0.4%**
27	HUNTERDON,	8,634	(592)	(3,835)	2,948	(1,545)	0	0	(245)	44	718	(5,995)	**131**	**0.1%**
28	WARREN,	10,189	(11,106)	792	804	(112)	0	0	0	72	(60)	(1,142)	**(564)**	**-0.5%**
29	SUSSEX,	(182)	4,519	1,330	(172)	0	0	1	0	(442)	682	(7,116)	**(1,380)**	**-1.0%**
30	NEW HAVEN CT	(132)	3,888	59,997	19,439	(18,669)	239	(215)	(6,509)	3,617	(25,732)	(38,134)	**(2,211)**	**-0.2%**
31	MERCER,	32,606	(3,759)	(4,730)	(4,807)	(4,971)	(893)	148	(241)	(481)	(11,717)	(4,878)	**(3,723)**	**-0.9%**
	TOTAL	825,041	292,247	(69,575)	77,993	(389,891)	121,144	(94,136)	72,968	31,361	(365,777)	(237,281)	**264,095**	**1%**
	% DIFF	10.7%	5.4%	-2.5%	4.3%	-11.3%	61.4%	-28.1%	34.9%	10.3%	-9.2%	-18.1%		

SCENARIO:	102C	COMPARE	REPORT 2	Journeys: by Mode by Purpose , Stops, O,D (MDSC)
BASE:	RHTS 2010 Targets (GPS corrected)		BPM Districts (31)	

SubRegion-SubRegion Journeys OD by PURPOSE

WORK Paired Journeys -- O/D Sub-regions:

Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	18,487	(9,443)	(10,861)	(5,612)	(3,855)	(494)	(5,629)	(17,407)
2	OTHER MANH	51,267	(27,073)	(26,950)	(1,881)	(1,882)	1,525	(6,683)	(11,677)
3	OTHER NYC	(42,632)	50,955	67,534	(20,136)	(26,364)	5,488	(19,276)	15,569
4	LONG ISLAND	21,948	13,692	(6,987)	(20,634)	(5,099)	(892)	(767)	1,261
5	OTHER NY ST	(11,162)	(2,496)	(38,989)	1,708	72,861	6,662	4,802	33,386
6	CONNECTICUT	(2,058)	(1,399)	26,444	11,242	(3,249)	1,534	(737)	31,777
7	NEW JERSEY	(10,753)	(17,361)	(26,924)	5,474	(20,878)	(2,661)	72,005	(1,098)
	TOTAL	25,097	6,875	(16,733)	(29,840)	11,535	11,163	43,715	51,811
		3,585	982	(2,390)	(4,263)	1,648	1,595	6,245	7,402

SCHOOL & UNIV Paired Journeys --

Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	(10,020)	1,977	2,334	1,076	624	33	3,518	(458)
2	OTHER MANH	(7,795)	(11,345)	4,797	1,940	1,378	380	10,709	64
3	OTHER NYC	5,452	2,260	(8,140)	(3,884)	(992)	496	5,774	966
4	LONG ISLAND	149	840	(9,697)	8,685	46	229	459	711
5	OTHER NY ST	1,144	3,199	10,041	2,090	50,617	949	6,585	74,625
6	CONNECTICUT	11	34	2,545	1,374	2,311	(9,223)	2,077	(871)
7	NEW JERSEY	8,598	1,088	30,373	1,045	9,398	2,443	(53,355)	(411)
	TOTAL	(2,460)	(1,948)	32,253	12,326	63,382	(4,693)	(24,233)	74,627

OTHER Paired Journeys -- O/D Sub-regions:

Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	(75,955)	41	4,469	42	858	77	685	(69,784)
2	OTHER MANH	2,125	(11,668)	11,033	151	5,836	19	(1,206)	6,291
3	OTHER NYC	32,838	21,899	(22,972)	6,879	17,110	371	(3,500)	52,624
4	LONG ISLAND	17,058	4,915	(2,184)	(15,636)	1,205	74	1,279	6,711
5	OTHER NY ST	(2,299)	2,663	6,176	(2,923)	30,318	(294)	16,031	49,671
6	CONNECTICUT	(1,490)	6	342	(527)	3,136	64,721	(1,374)	64,813
7	NEW JERSEY	(23,181)	(14,207)	(1,265)	1,518	(6,571)	420	70,616	27,330
	TOTAL	(50,904)	3,648	(4,400)	(10,496)	51,891	65,387	82,531	137,657

Total Paired Journeys -- O/D Sub-regions:

Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	(67,488)	(7,426)	(4,058)	(4,494)	(2,374)	(384)	(1,425)	(87,649)
2	OTHER MANH	45,597	(50,085)	(11,120)	210	5,332	1,924	2,820	(5,322)
3	OTHER NYC	(4,342)	75,113	36,423	(17,141)	(10,246)	6,355	(17,002)	69,160
4	LONG ISLAND	39,155	19,447	(18,867)	(27,586)	(3,849)	(589)	971	8,683
5	OTHER NY ST	(12,316)	3,366	(22,772)	875	153,796	7,316	27,418	157,682
6	CONNECTICUT	(3,538)	(1,359)	29,331	12,088	2,198	57,033	(34)	95,720
7	NEW JERSEY	(25,336)	(30,480)	2,183	8,037	(18,050)	202	89,266	25,821
	TOTAL	(28,267)	8,576	11,120	(28,011)	126,808	71,858	102,012	264,095

SCENARIO: 102C
BASE: RHTS 2010 Targets (GPS corrected)

COMPARE

REPORT 2
BPM Districts (31)

Journeys: by Mode by Purpose , Stops, O,D (MDSC)

Total Paired Journeys -- Destination Districts by Purpose:

Destination	Districts	WORK LOW	WORK MED	WORK HI	SCHOOL	UNIV	MAINT	DISC	AT WORK	TOTAL
1	LOWER MANHATTAI	6%	2%	0%	-3%	1%	-8%	10%	-21%	**-0.8%**
2	VALLEY MANHATTA	5%	2%	0%	-8%	1%	-1%	1%	-18%	**-0.8%**
3	MIDTOWN MANHAT	6%	2%	0%	-3%	1%	-4%	1%	-20%	**-1.5%**
4	OTHER MANHATTAN	5%	2%	0%	-2%	1%	-1%	2%	9%	**0.7%**
5	QUEENS,	0%	-2%	-4%	-1%	1%	-1%	-1%	52%	**-0.3%**
6	BRONX,	5%	3%	0%	4%	1%	2%	-11%	15%	**0.3%**
7	KINGS,	0%	-2%	-4%	5%	1%	0%	-2%	16%	**0.3%**
8	RICHMOND,	5%	2%	0%	10%	1%	0%	-2%	32%	**1.6%**
9	NASSAU,	0%	-3%	-4%	4%	1%	-1%	-3%	27%	**-0.6%**
10	SUFFOLK,	0%	-3%	-4%	0%	1%	-1%	-1%	17%	**-0.8%**
11	WESTCHESTER,	4%	2%	0%	28%	1%	30%	-35%	22%	**7.3%**
12	ROCKLAND,	4%	2%	0%	6%	1%	5%	4%	9%	**3.9%**
13	PUTNAM,	4%	2%	0%	-1%	0%	10%	-6%	67%	**2.7%**
14	ORANGE,	5%	2%	0%	9%	1%	2%	-5%	18%	**1.3%**
15	DUTCHESS,	5%	3%	0%	23%	-2%	26%	-36%	54%	**5.6%**
16	FAIRFIELD,	5%	2%	0%	-1%	1%	7%	8%	68%	**5.9%**
17	BERGEN,	4%	2%	0%	-1%	1%	0%	3%	21%	**1.6%**
18	PASSAIC,	5%	2%	0%	3%	1%	1%	2%	24%	**1.9%**
19	HUDSON,	5%	2%	0%	3%	1%	3%	2%	39%	**3.5%**
20	ESSEX,	5%	3%	0%	-3%	1%	3%	2%	20%	**2.2%**
21	UNION,	7%	3%	0%	-3%	1%	4%	3%	18%	**2.4%**
22	MORRIS,	16%	2%	0%	-3%	1%	1%	1%	6%	**0.7%**
23	SOMERSET,	-6%	2%	0%	-3%	1%	-1%	1%	5%	**0.2%**
24	MIDDLESEX,	5%	2%	0%	-3%	1%	1%	3%	19%	**1.4%**
25	MONMOUTH,	5%	2%	0%	-3%	1%	-2%	-1%	3%	**-0.8%**
26	OCEAN,	4%	2%	0%	-4%	0%	3%	-2%	10%	**0.4%**
27	HUNTERDON,	5%	2%	0%	-3%	1%	0%	0%	22%	**0.1%**
28	WARREN,	6%	3%	1%	-3%	1%	-1%	-1%	5%	**-0.5%**
29	SUSSEX,	7%	2%	0%	-3%	1%	3%	-3%	-32%	**-1.0%**
30	NEW HAVEN CT	5%	2%	0%	-3%	1%	0%	1%	-17%	**-0.2%**
31	MERCER,	-1%	2%	0%	-3%	1%	-5%	2%	8%	**-0.9%**
	TOTAL	**3.8%**	**1.0%**	**-0.9%**	**2.0%**	**1.1%**	**2.2%**	**-2.0%**	**6.8%**	**1.0%**

SCENARIO:	102C	COMPARE	REPORT 2	Journeys: by Mode by Purpose , Stops, O,D (MDSC)
BASE:	RHTS 2010 Targets (GPS corrected)		BPM Districts (31)	

Total Paired Journeys -- Origin Districts by Modes:

Origin	Districts	SOV	HOV2	HOV3	HOV4+	WT	DT	WC	DC	TAXI	NM	SB	TOTAL
1	LOWER MANHATTAI	340%	29%	9%	540%	-61%	-72%	-90%	-59%	2673%	-22%	185%	-22.6%
2	VALLEY MANHATTA	23%	121%	15%	448%	10%	105%	-58%	-85%	154%	-29%	787%	-5.4%
3	MIDTOWN MANHAT	171%	5106%	399%		10%	1345%	-88%	1328%	97%	-40%	-29%	-10.7%
4	OTHER MANHATTAN	49%	27%	66%	16%	-6%	160%	93%	-68%	32%	-12%	10%	-0.5%
5	QUEENS,	-4%	7%	-9%	-22%	10%	28%	52%	-2%	-10%	0%	-26%	1.2%
6	BRONX,	23%	19%	6%	-38%	2%	41%	54%	26%	-2%	-7%	-27%	1.3%
7	KINGS,	35%	33%	54%	2%	-14%	47%	122%	-90%	67%	-14%	-42%	0.5%
8	RICHMOND,	14%	5%	-11%	-5%	-21%	-64%	-6%		-30%	1%	46%	1.1%
9	NASSAU,	-9%	1%	-6%	10%	29%	66%	-10%	156%	-9%	45%	-20%	0.4%
10	SUFFOLK,	7%	0%	-3%	11%	120%	-90%	-43%	-41%	-48%	30%	-45%	0.1%
11	WESTCHESTER,	14%	0%	5%	33%	215%	36%	-12%	0%	6%	4%	-7%	10.8%
12	ROCKLAND,	4%	4%	11%	-5%	42%	866%	-64%	6%	-83%	28%	-57%	0.9%
13	PUTNAM,	-2%	-19%	41%	151%	-67%	14%	-11%	679%	-74%	95%	-34%	0.6%
14	ORANGE,	2%	13%	3%	16%	-74%	-75%	-84%	79%	-73%	18%	-21%	0.7%
15	DUTCHESS,	1%	36%	44%	10%	-18%		-39%	-45%	-73%	-20%	-23%	7.1%
16	FAIRFIELD,	19%	15%	-8%	-21%	472%	-34%	-40%	-9%	453%	86%	-26%	8.5%
17	BERGEN,	16%	-7%	-34%	-2%	-58%	39%	-8%	35%	-75%	30%	109%	0.1%
18	PASSAIC,	16%	-6%	-1%	49%	-98%	206%	-100%	464%	-96%	-35%	153%	0.9%
19	HUDSON,	42%	55%	69%	88%	-98%	171%	-100%	63%	-88%	-23%	293%	1.4%
20	ESSEX,	32%	2%	19%	6%	-99%	83%	-100%	84%	-74%	-30%	82%	0.4%
21	UNION,	21%	-2%	-31%	9%	-98%	737%	-100%	36%	-83%	0%	32%	0.3%
22	MORRIS,	3%	-5%	-15%	6%	-99%	553%	-100%	202%	-17%	53%	-16%	-0.5%
23	SOMERSET,	15%	-16%	12%	-9%	-100%		-100%	219%	-92%	28%	-23%	0.5%
24	MIDDLESEX,	24%	-6%	-29%	0%	-99%	104%	-100%	95%	-89%	26%	-19%	0.3%
25	MONMOUTH,	9%	1%	-29%	25%	-100%	18%	-100%	195%	-92%	121%	-20%	-0.3%
26	OCEAN,	0%	22%	5%	-1%	-100%	67%	-100%	265%	-88%	-34%	-22%	0.4%
27	HUNTERDON,	7%	3%	-19%	168%	-100%	63%	-100%			17%	-46%	0.9%
28	WARREN,	20%	-14%	1%	0%	-100%	-53%	0%	493%		-1%	-7%	2.1%
29	SUSSEX,	11%	-6%	-22%	28%	-100%	408%	0%	1%	-43%	20%	-47%	-1.2%
30	NEW HAVEN CT	0%	3%	52%	24%	-100%	14%	-100%	-1%	341%	-38%	-40%	-0.9%
31	MERCER,	17%	2%	-1%	-13%	-100%	-79%	-100%	888%	-67%	-42%	-18%	-0.1%
	TOTAL	10.7%	5.4%	-2.5%	4.3%	-11.3%	61.4%	-28.1%	34.9%	10.3%	-9.2%	-18.1%	1.0%

Total Paired Journeys -- Destination Districts by Modes:

Destination	Districts	SOV	HOV2	HOV3	HOV4+	WT	DT	WC	DC	TAXI	NM	SB	TOTAL
1	LOWER MANHATTAI	235%	-1%	74%	188%	-28%	58%	-63%	86%	94%	11%	440%	-0.8%
2	VALLEY MANHATTA	30%	167%	68%	269%	-7%	96%	-21%	9%	104%	-39%	60%	-0.8%
3	MIDTOWN MANHAT	121%	82%	91%	87%	-20%	97%	-32%	78%	80%	-22%	1006%	-1.5%
4	OTHER MANHATTAN	18%	43%	45%	7%	0%	15%	9%	214%	35%	-18%	-33%	0.7%
5	QUEENS,	-1%	7%	0%	-33%	4%	67%	-6%	-21%	37%	3%	-20%	-0.3%
6	BRONX,	18%	8%	7%	-18%	3%	28%	19%	-46%	-2%	-7%	-20%	0.3%
7	KINGS,	26%	20%	37%	-9%	-5%	84%	20%	30%	11%	-14%	-35%	0.3%
8	RICHMOND,	1%	3%	-12%	2%	-15%	28%	-84%	130%	-40%	1%	94%	1.6%
9	NASSAU,	-4%	-3%	-3%	14%	28%	126%	-61%	-16%	-50%	42%	-16%	-0.6%
10	SUFFOLK,	1%	4%	-6%	7%	117%	-1%	19%	-68%	204%	30%	-45%	-0.8%
11	WESTCHESTER,	9%	-3%	-2%	23%	119%	105%	63%	-2%	-48%	3%	-5%	7.3%
12	ROCKLAND,	22%	20%	-5%	-6%	73%	139%			-90%	8%	-58%	3.9%
13	PUTNAM,	-1%	15%	27%	25%	610%	-94%	-57%	-67%	-30%	93%	-44%	2.7%
14	ORANGE,	-3%	10%	-4%	46%	57%			-97%	-74%	19%	-23%	1.3%
15	DUTCHESS,	1%	29%	17%	12%	-18%			1308%	-47%	-20%	-28%	5.6%
16	FAIRFIELD,	11%	13%	-10%	-22%	508%	-41%	87%	47%	440%	86%	-24%	5.9%
17	BERGEN,	11%	-5%	-30%	0%	-70%	17%	213%	364%	-73%	31%	118%	1.6%
18	PASSAIC,	16%	-5%	-8%	84%	-92%	679%	-32%		-96%	-33%	139%	1.9%
19	HUDSON,	55%	41%	26%	77%	-92%	-28%	-93%	-68%	-85%	-24%	247%	3.5%
20	ESSEX,	40%	-2%	25%	9%	-98%	179%	-89%	17%	-85%	-28%	86%	2.2%
21	UNION,	19%	-4%	-27%	7%	-87%	133%	-50%	2571%	-79%	-4%	34%	2.4%
22	MORRIS,	7%	-6%	-19%	14%	-98%		-83%	328%	79%	56%	-16%	0.7%
23	SOMERSET,	12%	-12%	17%	-21%	-100%		-94%		-92%	38%	-23%	0.2%
24	MIDDLESEX,	25%	0%	-33%	12%	-99%	-34%	-92%	-31%	-89%	27%	-24%	1.4%
25	MONMOUTH,	7%	-1%	-27%	14%	-99%	-52%	-48%	69%	-91%	120%	-22%	-0.8%
26	OCEAN,	0%	21%	5%	7%	-100%	-91%			-88%	-34%	-25%	0.4%
27	HUNTERDON,	17%	-2%	-20%	34%	-100%			-100%		17%	-43%	0.1%
28	WARREN,	31%	-28%	7%	9%	-100%					-1%	-13%	-0.5%
29	SUSSEX,	0%	15%	9%	-1%					-89%	14%	-50%	-1.0%
30	NEW HAVEN CT	0%	1%	82%	25%	-96%	8%	-11%	-86%	332%	-38%	-43%	-0.2%
31	MERCER,	19%	-3%	-10%	-12%	-99%	-89%	101%	-34%	-66%	-42%	-20%	-0.9%
	TOTAL	10.7%	5.4%	-2.5%	4.3%	-11.3%	61.4%	-28.1%	34.9%	10.3%	-9.2%	-18.1%	1.0%

SCENARIO:	**102C**	**COMPARE**	**REPORT 2**	**Journeys: by Mode by Purpose , Stops, O,D (MDSC)**
BASE:	**RHTS 2010 Targets (GPS corrected)**		**BPM Districts (31)**	

SubRegion-SubRegion Journeys OD by PURPOSE

WORK	Paired	Journeys	--	O/D	Sub-regions:				
Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	**7.9%**	-46.4%	-72.9%	-80.3%	-86.3%	-40.5%	-55.5%	-6.0%
2	OTHER MANH	**23.9%**	-32.0%	-66.7%	-74.1%	-49.6%	69.7%	-56.0%	-3.2%
3	OTHER NYC	**-6.4%**	**34.7%**	**5.7%**	-21.3%	-68.2%	128.2%	-33.4%	0.7%
4	LONG ISLAND	**20.3%**	145.0%	**-6.6%**	**-2.4%**	-62.9%	-40.9%	-5.7%	0.1%
5	OTHER NY ST	-14.0%	-13.0%	-51.9%	67.5%	**15.1%**	28.9%	14.8%	4.7%
6	CONNECTICUT	-8.5%	-51.1%	410.3%	3544.2%	-16.2%	**0.3%**	-8.8%	4.9%
7	NEW JERSEY	-4.9%	-60.6%	-40.3%	135.0%	-72.9%	-55.3%	3.3%	0.0%
	TOTAL	1.6%	2.2%	-1.1%	-3.1%	2.0%	1.8%	1.9%	0.7%

SCHOOL	&	UNIV	Paired	Journeys	--	O/D	Sub-regions		
Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	-27.0%	15.1%	96.4%	#DIV/0!	180.1%		699.4%	-0.9%
2	OTHER MANH	-32.5%	-12.6%	57.7%	1704.8%	1889.6%		3613.8%	0.1%
3	OTHER NYC	10.1%	3.5%	-0.7%	-17.6%	-26.0%		864.6%	0.1%
4	LONG ISLAND	30.5%	21.1%	-47.5%	1.5%				0.1%
5	OTHER NY ST	22.8%	64.1%	221.7%		13.5%	42.4%	182.4%	18.9%
6	CONNECTICUT						-3.1%		-0.3%
7	NEW JERSEY	156.3%	82.1%	1145.1%		344.6%		-4.3%	0.0%
	TOTAL	-1.9%	-1.1%	2.8%	2.1%	16.6%	-1.6%	-1.9%	1.9%

OTHER	Paired	Journeys	--	O/D	Sub-regions:				
Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	-12.7%	0.1%	17.4%	2.0%	35.8%		37.9%	-10.4%
2	OTHER MANH	2.3%	-2.5%	27.9%	13.1%	50.1%		-19.6%	1.0%
3	OTHER NYC	15.6%	15.8%	-0.7%	5.7%	38.5%	242.2%	-9.9%	1.4%
4	LONG ISLAND	62.9%	67.2%	-2.9%	-0.6%	67.9%		65.8%	0.3%
5	OTHER NY ST	-12.4%	24.9%	23.6%	-47.2%	2.3%	-1.3%	62.7%	3.4%
6	CONNECTICUT	-54.2%	1.0%	21.2%	-96.2%	19.7%	4.8%	-75.1%	4.7%
7	NEW JERSEY	-44.9%	-60.0%	-5.8%	100.4%	-19.2%	58.9%	1.4%	0.5%
	TOTAL	-5.1%	0.5%	-0.1%	-0.4%	3.6%	4.7%	1.6%	0.9%

Total	Paired	Journeys	--	O/D	Sub-regions:				
Origin	Sub-region	CBD	OTHER MANH	OTHER NYC	LONG ISLAND	OTHER NY ST	CONNECTICUT	NEW JERSEY	TOTAL
1	CBD	-7.8%	-9.4%	-9.5%	-49.6%	-32.9%	-31.5%	-11.4%	-8.6%
2	OTHER MANH	13.8%	-7.7%	-12.6%	5.5%	34.4%	88.0%	15.3%	-0.5%
3	OTHER NYC	-0.5%	21.4%	0.6%	-7.2%	-11.8%	143.3%	-18.1%	0.9%
4	LONG ISLAND	28.8%	93.8%	-9.3%	-0.7%	-38.9%	-27.0%	6.3%	0.2%
5	OTHER NY ST	-11.9%	9.6%	-21.5%	10.0%	7.0%	15.3%	44.5%	6.2%
6	CONNECTICUT	-13.2%	-40.9%	364.0%	1396.7%	6.1%	2.5%	-0.3%	4.1%
7	NEW JERSEY	-9.1%	-56.8%	2.4%	144.4%	-27.5%	3.7%	1.1%	0.3%
	TOTAL	-1.1%	0.7%	0.2%	-0.7%	5.3%	3.1%	1.2%	1.0%

APPENDIX D: CALIBRATION MODEL RUN LOG

Appendix D

NYBPM 2010 Update - Model Integration and Calibration - Test Run Tracking Log

Task 15 **Current as of :** **10/29/14** Y. Teleshevsky

y = to be prepared

C=Compled: in Scenario folder

Test ID	Who	Date Start	Computer / Folder				Scenario	Description of Test / Short Name	See Detailed Component Development Log Sheets: General TAZs	SED	Highway: Truck	CV	Ext	Hwy Skims	Hwy Net	Transit: Trn Net	Transit Skims	Model Step(s)	Components: Core Model	H-Assign	T-Assign	Relations: Based on Test	Prev. which	NYMTC Status	Outcome/Comments	Reports *(see Reports sheet)*: Base for Compare	OD-Tours: 1_HAJ	2_HAJ	MDSC	PAP	LIP	OD-Trips and Mode Choice: 5_PK	5A_WRD	5B_PK	5C_OFF	5D_Mod	Assignment: 6_HWY_CROSS	7_HWY_SCRN	9_TRN	9-2_TAS	9-3_TAS	9_SUM_	MC Auto-Calibration Reports: 10_MDSC Calibration
				SAG03 D:\	SAG03 E:\	Other																																					
BPM MODEL UPGRADE, RESTRUCTURING AND DEBUGGING																																											
t01	YBT	2/4/14	2/5/14					Full model run. Updated Main.rsc to introduce new Truck (Med/Heavy) and Toll by Mode, by Day Period. Build TOD Hwy Networks; Tasks from Pre-Skims to Transit Assignment and Report. Neither DTA, nor Transit Air Passanger were included in this test.									Revise NetPrep Look-Ups with regards to Link IDs and FFS/CAP due to diff. AT, ... : - L2Z; - LTBUSLOAD; - SPDCAP_MOD						Errors: Stopped at Pre-Skim																			
t02	YBT	2/5/14	2/5/14					Debug Pre-Skim. Updated Main.rsc to introduce new Truck (Med/Heavy) and Toll by Mode, by Day Period. Build TOD Hwy Networks; Tasks from Pre-Skims to Transit Assignment and Report. Neither DTA, nor Transit Air Passanger were included in this test.									Produced all files up to assn_AM_VMT_VHT_report.bin ...(for all day periods)						Errors: Stopped at Pre-Skim																			
t03	YBT	2/6/14	2/6/14					Highway Assignment with New Functionality: New MedTruck, HeaTruck modes; and Toll by Day Period										Debug highway assignment. Running HASN with iterations <= 2 for testing functionallity only and decreasing running time.						Errors: GLCost matrices all zeros																			
t04	YBT	2/7/14	2/9/14					HASN with iterations = 100, back to standard Edited NYMTC.model file; Edited flow_Main1.rsc										Highway Assignment with New Functionality: New MedTruck, HeaTruck modes; and Toll by Day Period						Completed. All HASN output files produced with right structure and dimension																			
t05	YBT	2/10/14	2/11/14					All BPM tasks except Truck&Externals and PAP										Highway Assignment with New Functionality: New MedTruck, HeaTruck modes; and Toll by Day Period						**Task "Accessibility". Free Flow Skim Table Does Not Exist: AUTOTOLL (Skim); HASN produced all outputs; Skims were updated: MDSKIM5 - MedTrk, MDSKIM6 - HeaTrk, but Comm. Skim were produced, but not updated**																			
BPM MODEL CALIBRATION																																											
t08	YBT	4/1/2014	4/2/14				**2010N**	Received New Master Transit system. Build scenario transit system. Test the model tasks runs with the new transit system.	Tier 1.2	1	1	1	1			2		Build 2010N transit network. Run full model cycle with run_option = 3	Y	Y	Y			After a few errors were fixed in transit network, all NYBPM tasks successfully ran from building transit network, transit database, skims, accessibility, ... up to transit assignment.			Y	Y						Y						
t09	YBT	4/8/2014	4/8/14				**2010N**	Attempt to improve trip distribution. Adjustment to county-county factors		1	1	1	1			2		MDSC + PAP + HASN						The result improved, but not significantly.			Y	Y												
t10	YBT	4/17/2014					**2010B**	Backup scenario and create a new scenario for implementing new attributes in the highway network Updating highway network attributes; comparing old and new attributes		1	1	1	1		S2.2 / S2.3	2				Y				Tables - comparisons in excell format											Y	Y					
t11	YBT	5/5/2014	5/5/14				**2010B**	Testing highway assignment with new new highway netowrk attributes and new transit network		1	1	1	1		S2.3			HASN		Y				Changes to the highway assignment results were not significant.										Y						
t12	YBT	5/6/2014	5/6/14				**2010B**	Tested transit assignment based on the new transit network and a survey-based AM transit OD trip table received from AECOM.		1	1	1	1		S2.3	2		TASN																	Y	Y	Y		
t13	YBT	5/15/14	5/15/14					Trnasit assignment reports were prepared from the model outputs received from AECOM		1	1	1	1		S2.3									Results of the transit assignment were compared with results of transit assignment received by AECOM. Although overall the results were not much different, some locations did show significant differences. The differences were analyzed by both PB and AECOM.	Transit OD Survey-based Tables														Y	Y	Y		
t13-1	YBT	5/15/14	5/15/14				**2010B**	Received a new updated Master Transit from AECOM (5/14/2014). Re-build scenario transit network. Re-run transit assignment with the survey-based AM transit OD trip table from AECOM		1	1	1	1		S2.3	3		TASN						Prepared reports from the survey-based transit assignment	same											Y	Y	Y		
t14	YBT	5/15/14	5/17/14				**2010B**	With a new transit Master (14/05/2014), run Full Cycle Model run		1	1	1	1		S2.3	3		TASN						All model steps ran successfully	2010 RHTS tour level											Y	Y	Y		
t15	YBT	5/25/14	5/26/14				**2010B**	Adjustment of the Purporse 2 mode specific based on the 2010 RHTS		1	1	1	1		S2.3	3		MDSC						Slight improvement in distribution work trips. Need additional adjustments as well as adjustments in other work and maintanence purposes	same			Y												
17.1T	YBT	5/27/14	5/27/14				**2010B**	Implement new Master Transit received from AECOM (2_Tnet_20140519). Transit assginment of Transit OD survey-based tables (Task J)	Tier 1.2	1	1	1	1		S2.3	4		1) Build 2010 Scenario tranist network. 2) Transit assignment (TASN)						Build scenario transit network and TASN steps ran successfully.	Transit OD Survey-based Tables											Y	Y	Y		
17.2T								AECOM CALIBRATION RESULTS				1																								Y	Y			
t18	YBT	5/27/14	5/27/14				**2010B**	1) With revised RHTS target, re-adjust HAJ; 2) Adjustment cc-factors for purpose 2 based on 2010 RHTS	Tier 1.2	1	1	1	1		S2.3	4		HAJ, MDSC	Y					HAJ re-adjustment fully adjusted to new targets in one step; cc-factors adjustment partially improved Work distribution. Need additional adjustments for other purposes.	2010 RHTS tour level	Y	Y	Y	Y													
t19	YBT	5/28/14	5/29/14				**2010B**	With new updated Transit, run full model cycle with building Transit Skims and Accessibilities	Tier 1.2	1	1	1	1		S2.3	4		Full model cycle with run_option = 3	Y	Y	Y			All model steps ran successfully.	same	Y	Y	Y	Y						Y	Y	Y	Y	Y		
t19-1	YBT	5/28/14	5/29/14				**2010B**	Minor adjustment in cc2 factors.	Tier 1.2	1	1	1	1		S2.3	4		MDSC, PAP, HASN, TASN	Y	Y	Y			Minor adjustment in cc2 factors.	same	Y	Y	Y	Y						Y	Y	Y	Y	Y		
t20	YBT	6/11/14	6/12/14				**2010B**	Highway and Transit asssignment of RHTS derived trip tables built per BPM trip-level mode rules	Tier 1.2	1	1	1	1		S2.3	4		1. Standard BPM Highway and Transit Assignment		Y	Y			By comparing RTHS assignment results to counts, this is a test of possible biases in the RHTS data for model targets	Scrnline Counts											Y	Y	Y	Y	Y		

Appendix D

NYBPM 2010 Update - Model Integration and Calibration - Test Run Tracking Log

Task 15 **Current as of :** **10/29/14** Y. Teleshevsky

y = to be prepared

C=Compled: in Scenario folder

Test ID	Who	Date Start	Computer / Folder	SAG03 D:\	SAG03 E:\	Other	Scenario	Description of Test / Short Name	General: TAZs	General: SED	Highway: Truck	Highway: CV	Highway: Ext	Highway: Hwy Skims	Highway: Hwy Net	Transit: Trn Net	Transit: Transit Skims	Model Step(s)	Components: Core Model	Components: H-Assign	Components: T-Assign	Relations: Based on which Prev. Test	NYMTC Status	Outcome/Comments	Reports (see Reports sheet): Base for Compare	OD-Tours: 1_HAJ	OD-Tours: 2_HAJ	OD-Tours: MDSC	OD-Tours: PAP	OD-Tours: 5_DY_PUP	OD-Trips and Mode Choice: 5A_WKDY	OD-Trips and Mode Choice: 5B_PK	OD-Trips and Mode Choice: 5C_OFF	OD-Trips and Mode Choice: 5D_Mode-Per	Assignment: 6_HWY_CROSS	Assignment: 7_HWY_SCRN	Assignment: 9_TRN	Assignment: 9.2_TASN	Assignment: 9.3_TASN	Assignment: 9_SUM_TH	MC Auto-Calibration Reports: 10_MDSC Calibration
t21	YBT	6/23/14					**2010B**	Implement the latest HNET, Tested the 1st stage HWY-TRAN correspondence for BUS preload	Tier 1.2	1	1	1	1		S2.4	4		Build scenairo Hnet and NETPREP	Y	Y	Y				RHTS & Scrnline Counts	Y	Y	Y	Y						Y	Y	Y	Y	Y		
t21-1	YBT	6/25/14					**2010B**	Return to cc2 factors from t19 (t18), SLA on HRX + VZN	Tier 1.2	1	1	1	1		S2.4	4		MDSC, PAP, HASN	Y	Y		t21			RHTS & Scrnline Counts			Y	Y						Y						
22H	YBT	6/30/14					**2010N**	HASN using conflated hwy network v.S2.4.1 and OD tables from THTDFM TS8-3rd-Trk-2 calibtation test. GOAL: see differences due to new network version.	Tier 1.2	1	1	1	1		S2.4			NETPREP, HASN		Y				HASN results are very close to the ones with previous versions of highway network											Y						
23H	YBT	7/1/14					**2010N**	HASN using conflated hwy network v.S2.5.1 and OD tables from THTDFM TS8-3rd-Trk-2 calibtation test. GOAL: see differences due to new network version.	Tier 1.2	1	1	1	1		S2.5.1			NETPREP, HASN		Y				HASN results are very close to the ones with previous versions of highway network											Y						
24IH	CB	7/1/14	7/7/14			SAG11 C:\	**2010I**	Test to see assigned results of new external and truck models. Trip tables were built by combining TH-TDFM 3rd Trk internal auto trips with new external autos and long-distance trucks run through PAP. External autos were assigned as a separate class so they can be reviewed and further calibrated as needed. Short-distance trucks were added to the trip tables after PAP, by importing the dbf's produced by the Java model (SAG11 C:\0_bpm1\6_Pgms\7_ext_rolf_140627)	Tier 1.2		4	1	3		S2.5.1			PAP, HASN (with manual manipulation in between and modified HASN to take externals in separate matrix cores)		Y				Truck assignment results look good, relatively close to counts by cordon.																	
25C	YBT	7/3/14					**2010B**	Due to high volumes on river crossings, return to initial 'county to county' factors. Simple run_option = 1 For the test, use the updated SED ver. 2	Tier 1.2	2	1	1	1		S2.4	4		HAJ, MDCS, PAP, HASN, Update Highway Skims	Y	Y		t21-1		Hwy Crossings reports improved; HAJ results went slightly off targets.			Y	Y							Y						
26C	YBT	7/7/14					**20101B**	Re-adjust HAJ factors to return HAJ results to match the targets.	Tier 1.2	2	1	1	1		S2.4	4		HAJ	Y			25C		Although, HAJ results improved, they do not change to the target at one step, but need additional iterations.			Y														
27C	YBT						**2010B**	Next iteration of adjustment HAJ. Based on RHTS, cc factors adjustments have been developed and applied	Tier 1.2	2	1	1	1		S2.4	4		HAJ, MDSC, PAP, HASN, Update Highwya Skims	Y	Y		26C		Needs further adjustments to make the results closer to the target (RHTS for HAJ and MDSC)			Y	Y							Y						
28H	YBT	7/9/14					**2010N**	Test HASN using conflated highway network v.S2.5.1 and OD tables from THTDFM TS8-3rd-Trk-2 calibration test as in the test '**23H**'. The difference from the previous test-run is applying re-calculated areatypes due to changes in the v.2 SED.	Tier 1.2	2	1	1	1		S2.5.1	4		NETPREP, HASN		Y		23H		The highway crossings results are almost identical to resutls of the test '23H', which confirms that updated areatype does not cause noticible changes in the results of HASN											Y						
29C	YBT	7/10/14					**2010B**	Based on the last test '27C', implement new latest versions of MedTruck, HeaTruck, Van, and Externals that are still under final stage of development	Tier 1.2	2	4	2	3		S2.4	4		PAP, HASN	Y	Y		27C		The highway crossings results are close to those in the test '27C'. The report needs to be restructured to reflect two new truck modes in the "... by class" worksheets.											Y						
30I	CB	7/10/14	7/14/14			SAG 11 C:\	**2010A**	Test incorporation of new Java-based Truck, CV, and External Model into BPM model flow/GUI	Tier 1.2		5		4					Trucks and Externals only				New		Successful run of Java-based model through GUI																	
30C	YBT	7/11/14					**2010B**	As continuation from 27C, next iteration of MDSC factors adjustments with keeping new Med and Heavy Truck components as well as Commercial and externals implemented in 29C	Tier 1.2	2	4	2	3		S2.4	4		HAJ, MDSC, PAP, HASN, Update Highway Skims	Y	Y		27C, 29C		Serious improvements in distribution of trips purpose 6 (Maintanence). Some other improvements as well			Y	Y							Y						
31C	YBT	7/14/14					**2010B**	A contradiction in "At Work" trips production was found between MDSC and HAJ reports. The new targets for HAJ had to be processed. Meanwhile, the best estimations of the new HAJ targets were developed and tested here.	Tier 1.2	2	4	2	3		S2.4	4		HAJ, MDSC, PAP, HASN, Update Highway Skims	Y	Y		30C		HAJ "at work" production was adjusted. Distribution of "Others" in MDSC report had the biggest positive impact.			Y	Y							Y						
32H	YBT	7/14/14		X			**2010B**	Install the latest highway network ver. 5 tested in 28H. Built TOD networks and ran HASN	Tier 1.2	2	4	2	3		S2.5	4		NETPREP, HASN		Y		28H, 31C		HASN results are almost the same as in '31C' - network replacement did not cause significant changes.											Y						
33H	YBT	Prepared: 7/15/14 Installed: 7/16/14	7/17/14			SAG09: F:\	**2010B**	Preparation of a 'clean' BPM copy for installation in NYMTC	Tier 1.2	2	4	2	3		S2.5	4		NETPREP, HASN		Y		32H, 27C	Installed 140716	After updating Java to version 1.7 and installing TransCAD 6 build 9030 on NYMTC machine XBPM 33-PC, HAJ, MDSC, PAP, and HASN using pre-prepared trip tables completed successfully. Separate Truck Model installation also completed successfully. DIFFEREN CE IN HAJ CTL FILE caused differences in HAJ, MDSC, PAP output from 32H. HAJ, MDSC, PAP output match test 27C, where HAJ ctl file came from.	32H, 27C	Y	Y	Y							Y						
34IH	CB	7/16/14				SAG11 C:\	**2010I**	Repeat of test 24IH with updated external autos (excluding erroneous commercial/commuter NELDT trips)	Tier 1.2		4	1	5		S2.5			PAP, HASN (with manual manipulation in between and modified HASN to take externals in separate matrix cores)		Y		24IH		Differences between PaV national assignment and TOD assignment for externals																	
35IH	CB	7/17/14	7/18/14			SAG11 C:\	**2010I**	Repeat of test 34IH with updated national network	Tier 1.2		4	1	6		S2.5			PAP, HASN (with manual manipulation in between and modified HASN to take externals in separate matrix cores)		Y		34IH		External results look good/acceptable.	Extenal cordon counts																
34C	YBT	7/16/14			X		**2010B**	Next iteration of adjustment HAJ and MDSC factors (from '31C') based on implemented the last version of conflated highway network ver. S2.5 (from '32H')	Tier 1.2	2	4	2	3		S2.5	4						31C, 32H																			
35C	YBT	7/18/14			X		**2010B**	Based on '34C'	Tier 1.2	2	4	2	3		S2.5	4																									
36C	YBT				X		**2010B**		Tier 1.2	2	4	2	3		S2.5	4																									
37C	YBT	7/20/14	7/21/14		X		**2010B**	Increase adjustment limit of HAJ factors, and test the initial mode-specific constants	Tier 1.2	2	4	2	3		S2.5	4		HAJ, MDSC, PAP, HASN	Y	Y		36C		Due to incresing HAJ adjustment limiits, total number of generated trips improved decreasing difference from the targets from ~38,000 to ~18,000. However, return to the initial MSC for the purpose 2 (Med.Work) resulted in excessive increase in AM highway traffic crossings.			Y	Y							Y						
38C	YBT	7/21/14	7/.../2014					Re-run with the latest adjusted mode-specific constants used before '37C'	Tier 1.2	2	4	2	3		S2.5	4		MDSC, PAP, HASN	Y	Y		37C		Current set of MSC gives better results			Y	Y							Y						
39I	CB	7/21/14	7/23/14			SAG 11 C:\	**2010A**	Test updated integration of Truck/External code, with Short-Distance trips added in PAP.	Tier 1.2		**6**	2	**6**					Truck and External, PAP				30I		Need to modify PAP code in Flow_main to skip Vans																	
41I	CB	7/23/14	7/24/14			SAG 11 C:\	**2010W**	Baseline HAJ, MDSC test for External Worktrip Balancing test	Tier 1.2	2								HAJ, MDSC, Partial External								Y	Y	Y													

Appendix D

NYBPM 2010 Update - Model Integration and Calibration - Test Run Tracking Log

Task 15 **Current as of :** **10/29/14** Y. Teleshevsky

y = to be prepared

C=Compled: in Scenario folder

See Detailed Component Development Log Sheets (General, Highway, Transit)

Test	Who	Date		Computer / Folder			Scenario	Description of Test / Short Name	General		Highway					Transit		Model Step(s)	Components			Relations		Outcome/Comments	Reports (see Reports sheet)	OD-Tours					OD-Trips and Mode Choice				Assignment						MC Auto-Calibration Reports
ID		Start		SAG03 D:\	SAG03 E:\	Other			TAZs	SED	Truck	CV	Ext	Hwy Skims	Hwy Net	Trn Net	Transit Skims		Core Model	H-Assign	T-Assign	Based on which Prev. Test	NYMTC Status		Base for Compare	1_HAJ	2_HAJ	MDSC	PAP	5_DY_PUP	5A_WKDY	5B_PK	5C_OFF	5D_Mode-Per	6_HWY_CROSS	7_HWY_SCRN	9_TRN	9.2_TASN	9.3_TASN	9_SUM_TH	10_MDSC Calibration
42I	CB	7/23/14	7/24/14			SAG 11 C:\	2010W	Test of External Worktrip Balancing Procedure	Tier 1.2	2-A								HAJ, MDSC, Partial External				41I		Minor changes in HAJ, some more substantial changes in MDSC in outer NJ and CT. Generally, results as expected. Proceed with implementing Worktrip Balancing in BPM source code.		Y	Y	Y													
43C	YBT	7/28/14			X		2010B	Re-runnig of the test 20C, Highway and Transit asssignment of RHTS derived trip tables built per BPM trip-level mode rules, but with the latest updated highway network, truck, CV, and externals	Tier 1.2	2	4	2	3		S2.5	4		HASN, TASN		Y	Y	20C		The highway crossings results are significantly improved from the '20C' test.											Y	Y	Y				
44C	YBT	7/29/14	7/30/14		X		2010B	Adjustment iteration of MDSC county-county factors	Tier 1.2	2	4	2	3		S2.5	4		MDSC, PAP, HASN, TASN	Y	Y	Y			Improvement on highway crossings - mostly on Hudson crossings				Y							Y		Y				
45C	YBT	8/3/14	8/4/14		X		2010B	Adjustment iteration of MDSC county-county factors	Tier 1.2	2	4	2	3		S2.5	4		MDSC, PAP, HASN, TASN	Y	Y	Y			MDSC better matches the survey, but HASN results became slightly worse				Y							Y		Y				
46I	CB	7/31/14				SAG11 C:\	2040A	Test of Worktrip Balancing and Trucks and Externals for 2040	Tier 1.2	2-A	6	2	6					Partial HAJ, Truck and External						Ok. Created document for creating additional year external/truck input data.																	
47I	CB	8/1/14; Full run started 8/11/14, 2:05 PM	Full run completed 8/12/14, 8:27 AM			SAG09 F:\	2010B	Incorporate Truck/Ext, Transit Fare Update code (CB) with working model code (YBT)	Tier 1.2	2-A	6	2	6		S2.5	4		Full model run (1 iteration)	Y	Y	Y	33H	Installed 8/13/14, ran in 37 hours	PAP ran successfully (without VAN.txt). Full model run completed in 18 hours.											Y		Y				
48_46C	YBT	8/5/14	8/6/14		X		2010B	replication of 42C. Further MDSC improvements do not improve HASN results.	Tier 1.2	2	4	2	3		S2.5	4		HAJ, MDSC, PAP, HASN, TASN	Y	Y	Y	42C		Replicated results are close to those of 42C			Y	Y							Y		Y				
49_47H	YBT	8/6/14			X		2010B	replaced the highway network with a new version 2010B-S2.6	Tier 1.2	2	4	2	3		S2.6	4		NETPREP, HASN		Y		46C		The results are very similar everywhere except for volumes on Lincoln Tunnel WB, which increased by 8%. Additional comparison of the networks is needed. CB: Lincoln Tunnel difference seems to be due to additional buses - more investigation is required.											Y						
50_48C	YBT	8/09/2014. 17:00	8/11/2014, 5:33		X		2010B	Develop MSC targets based on the 2010 RHTS. Prepare and run MDSC in calibration mode	Tier 1.2	2	4	2	3		S2.6	4		MSDSC	Y			46C, 47H		Produced the results of MDSC calibration for all eight purposes. Needs a review to make a decision on which MSC constants calibration may be considered completed and which needs additional calibration.											Y						
51I	CB	8/12/14, 2:30 PM	8/13/14, 4:42PM			SAG02 F:\	2010B	Test full model run with 16GB RAM (duplicate of 47I)	Tier 1.2	2-A	6	2	6		S2.5	4		Full model run (1 iteration)	Y	Y	Y	47I		Completed without errors in 26 hours. Results slightly different from 47I at all stages.		Y	Y	Y							Y						
52H	CB	8/12/14	8/12/14			SAG11 C:\	2010N	Test Network Version 2.6 using the same bus preloads as were used for previous network tests (copied from TOD networks from S2.5), and TH-TDFM trip tables (same as 28H and 23H)	Tier 1.2						S2.6			HASN			Y	28H		No substantial differnces in flows on Crossings Report. Move forward with Highway Network version 2.6.											Y						
53I	CB	8/18/14, 10:13 AM	8/19/14, 11:12 AM			SAG02 F:\	2010B	Re-run 51I with full 48 GB of RAM, for comparison of run times and results.	Tier 1.2	2-A	6	2	6		S2.5	4		Full model run (1 iteration)	Y	Y	Y	51I		Only took 1 less hour than 16GB RAM. 7 hours longer than SAG09 (32 processors).																	
54C	YBT	8/12/2014, 8/15/2014	8/14/2014, 8/.../2014		X		2010B	Re-define districts in the BPM region for more detailed representation of the NYC and NYS EHR areas. Develop new corresponding MSC targets based on the 2010 RHTS.	Tier 1.2	2	4	2	3		S2.6	4		MSDSC	Y			50C		Targets for purposes 2, 6, and 7 were prepared. Few samples and too smal sample sizes were observed in other purposes due to additional disaggregation of the districts. Produced the results of MDSC calibration for selected three purposes. Needs a review to make a decision on which MSC constants calibration may be considered completed and which needs additional calibration. For purposes 6 and 7, NM is much higher in intra-zonal trips than in inter-zonal for in NYC except SI. => Added indeces to reflect it. Transit share did not converge well to the targets for Manhattan and NYC.											Y						
55C	YBT	8/14/14	8/15/14		X		2010B	Adjustment of the MDSC calibraiton factors based on the HASN results from test 49_47H	Tier 1.2	2	4	2	3		S2.6	4		MSDSC, PAP, Trucks and Externals, HASN	Y	Y		49_47H													Y						
56C	YBT	8/17/14	8/18/14		X		2010B	Based on the test 54_51, re-defined the 2010 RHTS-based MSC targets to consider only motorized modes. Re-run MSC calibration.	Tier 1.2	2	4	2	3		S2.6	4		MSDSC	Y			54C						Y							Y						
57MSC	YBT	8/18/14	8/19_?/2014		X		2010B	Re-run MSC calibration for the purpose 2 with the NM_TARGETS from THTDFM 2010 Update.	Tier 1.2	2	4	2	3		S2.6	4		MSDSC	Y			54C						Y							Y						
58I	CB	8/19/14				SAG11 C:\	2010W	Test new TransCAD Matrix Import C procedure to import short-distance trucks and vans at the end of PAP	Tier 1.2	2-A	6	2	6					PAP				MDSC Output from 33H setup		Successful test of procedure; incoporated into SAG09 model setup				Y							Y						
59_58H	YBT	8//2014	8//2014		X		2010B	Re-run MSC calibration for the purpose 2 with the NM_TARGETS from THTDFM 2010 Update.	Tier 1.2	2	4	2	3		S2.6	4		MSDSC	Y									Y							Y						
60MSC	YBT	9/2/14	9/3/14		X		2010B	Test new MCS values calibrated based on the 2010 RHTS and new MSC Indeces	Tier 1.2	2	4	2	3		S2.6	4		MSDSC	Y									Y							Y		Y				
61C	YT	9/3/14	9/3/14		X		2010B	MSC (njTHTDFM & nyRHTS - purp2), cc (njTHTDFM & nyRHTS)																																	
62I	CB	9/9/14				NYMTC XPBP35	2010B	Full Model Run (3 iterations) to test Windows 8 functionatlity	Tier 1.2	2-A	6	2	6	33H	S2.5	4	33H	Full model run (3 iterations)	Y	Y	Y			MDSC fails through GUI, runs through DOS prompt																	
63I	CB	9/9/14				NYMTC XPBPB24	2010B	Full Model Run (1 iteration) at NYMTC request (Thusitha Chandra)	Tier 1.2	2-A	6	2	6	33H	S2.5	4	33H	Full model run (3 iteration)	Y	Y	Y			MDSC issue sporadically through both GUI and DOS prompt																	
64_63C	YBT	9/2/14	9/3/14		X		2010B	In addtion to MSC THTDFM 2010 adjustment to Hudson crossings, adjust 'cc' factors from THTDFM 2010 for Hudson crossings	Tier 1.2	2	4	2	3		S2.6	4		MDSC through HASN	Y	Y							Y	Y							Y						
65_64C	YBT	9/2/14	9/3/14		X		2010B	test balanced changes to cc factors	Tier 1.2	2	4	2	3		S2.6	4		MSDSC	Y								Y	Y							Y						
66I	CB	9/18/14, 9:00 AM				NYMTC XBPM3	2010B	Test full 3-iteration run on NYMTC machine	Tier 1.2	2-A	6	2	6		S2.6	4		Full model run (3 iterations)	Y	Y	Y	33H	Running				Y	Y							Y						
67I	CB	9/18/14, 2:15 PM				SAG 09 F:\	2010B	Test full 3-iteration run on "ideal specification" machine (check run time)	Tier 1.2	2-A	6	2	6		S2.6	4		Full model run (3 iterations)	Y	Y	Y	47I					Y	Y							Y						
68C-71C	YBT	9/19/-25/2014					2010B	Series of partial adjustments of HAJ and MDSC factors to improve MDSC vs RHTS and highway crossings	Tier 1.2	2-A	6	2	6		S2.6	4			Y	Y							Y	Y							Y		Y				
72C	YBT	9/22-23/2014					2010B	Take a cleaned version of 2010 NYBPM installed in NYMTC to sag03. Replicate the last run as it was on sag09 workstation to assure stability of the results.	Tier 1.2	2-A	6	2	6		S2.5	4		ALL MODEL STEPS	Y	Y	Y	sag09	installed					Y							Y		Y				

Appendix D

NYBPM 2010 Update - Model Integration and Calibration - Test Run Tracking Log

Task 15 **Current as of :** **10/29/14** Y. Teleshevsky

y = to be prepared

C=Compled: in Scenario folder

Test	Who	Date	Computer / Folder				Scenario	Description of Test / Short Name	See Detailed Component Development Log Sheets: General		Highway					Transit		Model Step(s)	Components			Relations	NYMTC Status	Outcome/Comments	Reports *(see Reports sheet)*																
ID		Start							TAZs	SED	Truck	CV	Ext	Hwy Skims	Hwy Net	Trn Net	Transit Skims		Core Model	H-Assign	T-Assign	Based on Prev. Test			Base for Compare	OD-Tours: 1_HAJ	2_HAJ	MDSC	PAP	UP	OD-Trips and Mode Choice: 5K_WRD	5B_PK	5C_OFF	other...	5D_Mod	Assignment: 6_HWY_CROSS	7_HWY_SCRN	9_TRN	9-2_TAS	9-3_TAS	9_SUM_ALL	MC Auto-Calibration Reports: 10_MDSC Calibration
				SAG03 D:\	SAG03 E:\	Other																																			
73C	YBT	9/23-25/2014					2010B	Apply current factors sag09 NYBPM copy and implement run HASN and TASN. Then rerun HASN with CLA	Tier 1.2	2-A	6	2	6		S2.5	4		HASN, TASN	Y	Y	Y	sag09						Y									Y						
74C - 75C	YBT	9/25-26/2014					2010B	Series of partial adjustments of "cc" factors to improve MDSC vs RHTS and highway crossings	Tier 1.2	2-A	6	2	6		S2.5	4		MDSC, TRUCKS & EXT, PAP, HASN	Y	Y	Y			Some improvements				Y								Y		Y				
76C	YBT	10/2/2014					2010B	Run Full Cycle BPM run in order to update highway skims and converge trip table	Tier 1.2	2-A	6	2	6		S2.5	4		MDSC, TRUCKS & EXT, PAP, HASN	Y	Y				The results are close to the previous runs - practically little changed				Y								Y	Y	Y				
77C, 78C	YBT	10/3-4/2014					2010B	Series of partial adjustments of HAJ and MDSC factors to improve MDSC vs RHTS and highway crossings	Tier 1.2	2-A	6	2	6		S2.5	4		HAJ, MDC,TRUCKS & EXT, PAP, HASN, TASN	Y	Y	Y			Good improvements, but need additional adjustments				Y								Y	Y					
76I	CB	10/3/14				SAG09 F:\	**2010B**	Attempt to replicate Yuri's j4 run from SAG03 (copied HAJ and MDSC factors and truck output from SAG03)	Tier 1.2	2-A	6	2	6		S2.5	4		Run HAJ - Hway Assign, skipping trucks	Y	Y		j4																					
85S	YBT	10/12/14					2010B	RHTS replicated OD trip tables. Similar to "43S", but with reflecting all reported trips and modes.	Tier 1.2	2-A	6	2	6		S2.5	4		HASN, TASN		Y	Y	43S															Y	Y	Y				
86C	YBT	10/13-14/2014					2010B	Adjust HAJ and cc factors to improve inter-county traffic flows in the mid-Hudson area of the region.	Tier 1.2	2-A	6	2	6		S2.5	4		HAJ, MDSC,TRUCKS & EXT, PAP, HASN, TASN	Y	Y	Y	76C															Y	Y					
87C	YBT	10/14-15/2014					2010B	Adjust HAJ and cc factors to improve inter-county traffic flows in the mid-Hudson area of the region.	Tier 1.2	2-A	6	2	6		S2.5	4		HAJ, MDSC,TRUCKS & EXT, PAP, HASN, TASN	Y	Y	Y	86C															Y	Y					
88H	YBT	10/16/14					2010B	Increased VOT from 40 to 60 for Med. Truck and from 65 to 90 for Heavy Truck. Added 5 min penalty on MB and NBB in both directions. Added truck penalty in both directions on HT - 10 min and LT - 5 min. Fixed Bus preload Lookup data on LT.	Tier 1.2	2-A	6	2	6		S2.5	4		HASN		Y		87C		Marginal improvements. Truck penalty increase did not work as much as expected -- probably, increase in trucks VOT partially compensated the penalty.															Y	Y					
89CH	YBT	10/17/14					2010B	Same as 88H, but with rebuilt TOD hwy networks and updated hwy skims.	Tier 1.2	2-A	6	2	6		S2.5	4		NETPREP, HASN		Y															Y	Y					
90C	YBT	10/19/14					2010B	Full Cycle model run with three global iterations in order to make sure all the improvements will remain practically unchanged.	Tier 1.2	2-A	6	2	6		S2.5	4		ALL MODEL STEPS	Y	Y	Y			The results proved to be stable - no significant changes since the test "89H"												Y	Y					
91C	YBT	10/20/14					2010B	adjustment of cc factors per BD email of 10/17/2014	Tier 1.2	2-A	6	2	6		S2.5	4		MDSC, TRUCKS & EXT, PAP, HASN	Y	Y															Y	Y					
92H	YBT	10/20/14					2010B	hwy network changes: corrected speed and capacity on SI Expy	Tier 1.2	2-A	6	2	6		S2.5	4		HASN		Y															Y						
93C	YBT	10/21/14					2010B	Adjustment of cc factors	Tier 1.2	2-A	6	2	6		S2.5	4		MDSC, TRUCKS & EXT, PAP, HASN, TASN	Y	Y	Y	92C		Good improvements achieved on both Hwy Crossings and Highway screenline. Transit stable and shows good comparisons with counts on critical locations/crossings												Y	Y	Y				
94C	YBT	10/22/14					2010B	94C - 98C: Series of partial adjustments of "cc" factors to improve highway crossings on ERX, Bronx-Manhattan, GWB, and Mid-Hudson crossings	Tier 1.2	2-A	6	2	6		S2.5	4		MDSC, TRUCKS & EXT, PAP, HASN	Y	Y				Partial improvments achieved as targeted												Y						
95C	YBT	10/23-24/2014					2010B	94C - 98C: Series of partial adjustments of "cc" factors to improve highway crossings on ERX, Bronx-Manhattan, GWB, and Mid-Hudson crossings	Tier 1.2	2-A	6	2	6		S2.5	4		MDSC, TRUCKS & EXT, PAP, HASN	Y	Y				Partial improvments achieved as targeted												Y						
96H	YBT	10/24/14					2010B	small correction in highway network	Tier 1.2	2-A	6	2	6		S2.5	4		HASN		Y													Y						
97C	YBT	10/25/14					2010B	94C - 98C: Series of partial adjustments of "cc" factors to improve highway crossings on ERX, Bronx-Manhattan, GWB, and Mid-Hudson crossings	Tier 1.2	2-A	6	2	6		S2.5	4		MDSC, TRUCKS & EXT, PAP, HASN	Y	Y				Partial improvments achieved as targeted												Y						
98C	YBT	10/25/14					2010B	94C - 98C: Series of partial adjustments of "cc" factors to improve highway crossings on ERX, Bronx-Manhattan, GWB, and Mid-Hudson crossings	Tier 1.2	2-A	6	2	6		S2.5	4		MDSC, TRUCKS & EXT, PAP, HASN	Y	Y				Partial improvments achieved as targeted												Y						
99H	YBT	10/26/14					2010B	small correction in highway network, but HASN was run with Select Link Analysis to support preparation for the next adjustments	Tier 1.2	2-A	6	2	6		S2.5	4		HASN with CLA ("critical link analysis")		Y				Small improvement on HH bridge												Y						
100H	YBT	10/26/14					2010B	minor adjustment of network attributes where needed	Tier 1.2	2-A	6	2	6		S2.5	4		HASN		Y		99C		The targeted changes were not achieved												Y						
101H	YBT	10/26-27/2014					2010B	adjustment network attributes where needed	Tier 1.2	2-A	6	2	6		S2.5	4		HASN, TASN		Y	Y	100H		The results showed good improvements as targeted												Y	Y	Y				
102C	YBT	10/27-28/2014					2010B	Full Model Cycle Run (connformity) with three global iterations. Keep all settings from the test "101H"	Tier 1.2	2-A	6	2	6		S2.5	4		ALL MODEL STEPS	Y	Y	Y	101H		The results are stable -- close to results of "101H" test			Y	Y								Y	Y	Y	Y	Y	Y	

Suffix	Pertaining to:
C	Calibration/ Validation of model
I	Model procedures integration
H	Highway network testing or calibration
T	Transit network testing or calibration
S	Survey (RHTS) testing
R	Reporting - data or methods

Completed
In progress
Next
Planned - Near term