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*RT-HIS:*  
**Regional Travel -  
Household Interview Survey**

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**Updated Compendium of Results  
Reweighted with Census 2000 Figures**

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# **INTRODUCTION**

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The following Compendium, using Year 2000 U.S. Census data, contains fifty-two tables containing results from the 1997-98 Regional Travel Household Interview Survey (RT-HIS). The survey was conducted under the auspices of the New York Metropolitan Transportation Council (NYMTC) and the North Jersey Transportation Planning Authority (NJTPA).

This important regional survey was originally adjusted to compensate for sampling and response bias (i.e., weighted) using the best data available at the time -- 1996 estimates of the number of households at the Census tract and Minor Civil Division level, and 1990 Census Public Use Micro-Sample (PUMS) data. Data sets were released August 31, 1999. The present update applies 2000 Census data to re-weight the RT-HIS in order to improve the accuracy of this dataset of detailed travel behavior. It is important to note that no new household interview survey data was collected that might reflect recent changes in travel behavior, and the re-weighting has not resulted in any major differences when compared with the 1999 data sets. Nonetheless, the effort involved in re-weighting 2000 census data was relatively small and has made available refined regional travel characteristics data for use in general transportation analysis and travel demand modeling and forecasting in the region.

## **RT-HIS: Overview**

The survey data collection began in February of 1997 and continued through May of 1998. The RT-HIS was a diary type travel survey, in which detailed travel information for each member of participating households was collected during an entire travel day. This includes the specific time, location, and mode of travel for all household members during the travel day, as well as their activities at each place to which they traveled. In addition, basic demographic, employment and other data about each household and each person in the household was collected.

The household selection, recruit and data collection was an eight-stage process, involving a series of mailings, telephone interviews, and follow-up contacts.

All households within the 28 counties comprising the New York/New Jersey/Connecticut metropolitan area were eligible for inclusion in the study through a random stratified sampling process. These counties were:

New York: Bronx, Dutchess, Kings, Nassau, New York, Orange,  
Putnam, Queens, Richmond, Rockland, Suffolk,  
Westchester

New Jersey: Bergen, Essex, Hudson, Hunterdon, Mercer, Middlesex, Monmouth, Morris, Ocean, Passaic, Somerset, Sussex, Union, Warren

Connecticut: Fairfield, New Haven

A total of 11,264 households in the study area completed the survey. The finished product comprised five files, household file, a person file, a vehicle file, a place file, and a location file. Totals for each file type in the greater region are presented below.

1. Household File: 11,264 households
2. Person File: 27,369 persons or household members
3. Vehicle File: 17,517 household vehicles
4. Place File: 118,132 places, of which 90,764 involve travel
5. Location File: 55,349 locations associated with the 118,132 places visited.

Subsequently, a Trip file was constructed from the Place file, with origins and destinations on each trip record.

### ***Weighting for Sampling and Non-response Bias***

The need to subject data to a weighting formulation stemmed from several characteristics of how the data sample was selected and collected. First, the sampling plan for each county was stratified based on two dimensions – residential density and “mode leadership”. Geographic areas within the sample fell into one of seventeen Mode Leadership/Density (MLD) categories. Second, variations in telephone ownership rates throughout the region meant that some household types were more likely to be reached by the sample than others. Finally, response rates to the survey were also variable based on household characteristics, such as income, number of autos, and household size.

In order to eliminate bias created by these sample characteristics, weighting techniques were employed. After the stratified sampling plan was executed, some MLD categories were over or under-represented in the sample when compared with their actual proportion in the total regional population, as estimated by Urbanomics in 1996. A weighting system was developed which adjusted the sample results to compensate for these variations.

Secondly, weights were developed to account for the fact that some households have more than one phone, are sharing a phone, or have episodic telephone ownership. These weights were based on information collected about these telephone ownership issues as part of the household surveys.

Finally, to account for non-response bias, the household demographic characteristics for the completed survey were compared with the same

characteristics from the 1990 census for all of the counties that were surveyed. Specifically, the 1990 Census Public Use Micro-Sample (PUMS) was used. Based on this analysis, it was determined that households with more than 4 persons, no vehicles, and incomes of less than \$10,000 were underrepresented in the RT-HIS data. Weights were again developed to ensure that the final results take into account these distortions, and ensure that they were truly representative of the regional population.

## 2000 Census Reweight/Update

Re-weighting consisted of replacing 1990 Census data and 1996 Urbanomics estimates with 2000 Census results in those same categories. The same methodology described above was effectively followed. The 1996 Urbanomics estimates used to correct for the over- and undersampling by MLD characteristics were replaced with Census 2000 Summary File 1 data, while for the correction of non-response bias by key household characteristics, the 1990 Census PUMS was replaced with 2000 Census Transportation Planning Package (CTTP) data. The rationale for using this Census 2000 data for weighting is that it reflects the regional population at a time closer to the 1997-98 survey collection period. For the most part, the changes in the distribution of the results—tabulations by percentage—were small and not statistically significant.

This Compendium consists primarily of a series of household, person, and trip data tables presenting the reweighted results. These results are expressed in percentage distributions for defined categories, as well as measures such as average number of trips, trip durations, vehicles occupancy, etc.

In order to report the results of the survey with confidence, a floor of 30 responses was established. If there were less than 30 responses to a particular question, in any county or group of counties, that fact is noted with an asterisk and the result is omitted. This eliminates distorted results produced by extremely small sample sizes.

Each table in this report presents data for several sets of geographic categories, as described below and shown in Maps 1 through 4:

- **County Level** (Map 1) – At this level, data are summarized for each of the 28 counties surveyed.
- **County Groups** (Map 2) – The data are loosely grouped into several geographic regions. New York counties are summed into five groups, Connecticut counties into one group, and New Jersey counties into six.
- **Regional Groups** (Map 3) – This geographic classification provides a regional summary of the data. It groups the New York data into New York

City, Long Island, and Mid-Hudson, keeps the Connecticut data in the same group, and presents the New Jersey data in two categories: NJTPA and Mercer County.

- **Political Groups** (Map 4) – The broadest geographic classification groups the survey results into four categories: NYMTC counties, other New York counties, Connecticut counties, and New Jersey Counties.

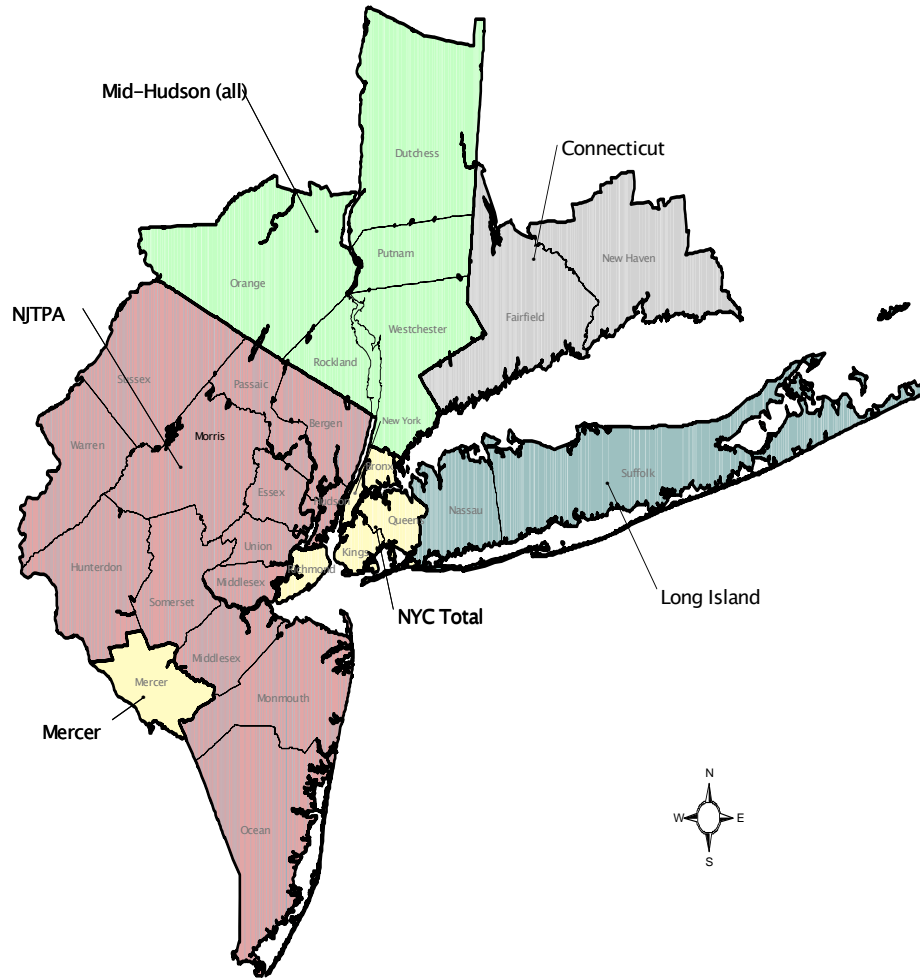
Map 1

## RT-HIS Study Area: Counties



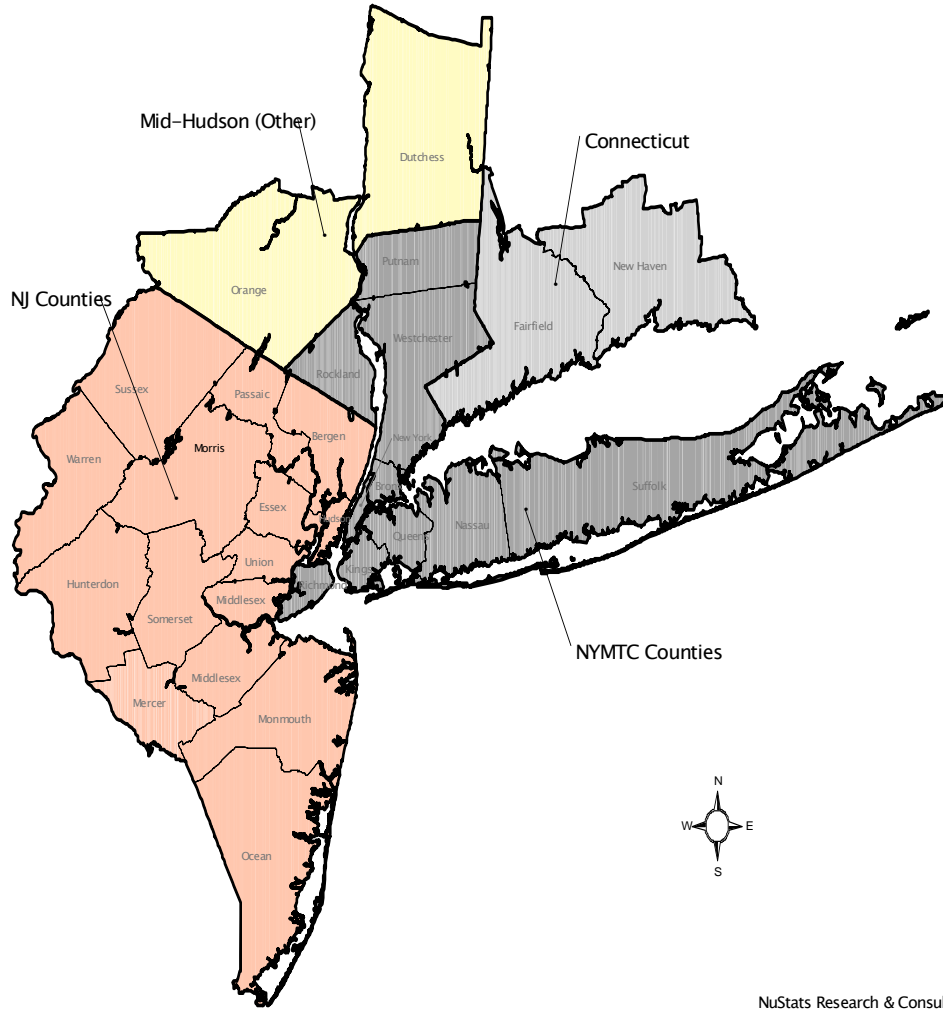


Map 3  
RT-HIS Study Area: Regional Boundaries



Map 4

# RT-HIS Study Area: Political Boundaries



As mentioned, re-weighting the RT-HIS with 2000 data has made the results more technically accurate but does not change overall travel trends that were observed with the original weighting. This compendium merely provides a refined data set for use in general transportation analysis and travel demand modeling and forecasting in the region. For this reason, no separate overview or summary of the re-weighted data has been provided. For a summary of results from the 1997/98 RT-HIS, please refer to *Travel in the New York- New Jersey Metropolitan Area*, April 2000.

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# Section 1 – Household Data Tables

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A total of 11,264 households participated in the Regional Travel - Household Interview Survey (RT-HIS). The tables in this report present the weighted results for the 10,971 households that recorded weekday travel. The household data includes demographic information about the household, such as household size, household vehicles, dwelling type, home ownership status, tenure, ethnicity and income. In addition, the data summaries provided here display average weekday trip rates by a number of household categories.

**Table H-1  
Household Size**

		% 1 Person Households	% 2 Person Households	% 3 Person Households	% 4 Person Households	% 5+ Person Households	Mean
County	Manhattan	47.2	27.6	11.3	9.0	4.9	1.95
	Queens	25.4	27.9	18.5	16.0	12.2	2.60
	Bronx	29.5	27.2	17.8	13.7	11.8	2.46
	Brooklyn	27.8	23.7	16.6	18.0	13.9	2.62
	Staten Island	21.4	29.0	17.4	21.9	10.3	2.70
	Nassau	18.8	32.4	19.1	18.8	11.0	2.77
	Suffolk	18.3	26.1	16.5	24.7	14.3	2.97
	Westchester	24.5	29.7	16.0	18.5	11.2	2.62
	Rockland	17.3	30.8	20.3	20.3	11.3	2.81
	Putnam	23.4	27.7	19.1	19.1	10.6	2.69
	Orange	26.8	27.4	15.9	17.1	12.8	2.63
	Dutchess	22.4	30.1	18.2	18.9	10.5	2.69
	Bergen	22.0	30.4	18.6	20.5	8.5	2.67
	Passaic	25.1	31.9	20.9	15.7	6.4	2.48
	Hudson	30.4	28.3	19.1	14.3	7.9	2.45
	Essex	27.2	25.2	18.8	16.0	12.8	2.61
	Union	21.8	30.1	20.7	20.3	7.1	2.60
	Morris	20.2	28.5	16.1	20.2	14.9	2.85
	Somerset	17.3	37.8	12.8	21.8	10.3	2.67
	Middlesex	26.8	27.4	17.9	21.6	6.3	2.55
	Monmouth	26.3	29.4	10.0	22.5	11.9	2.62
	Ocean	29.0	31.5	14.3	12.9	12.2	2.51
	Hunterdon	11.1	38.1	20.6	20.6	9.5	2.83
Warren	20.4	33.3	14.8	24.1	7.4	2.67	
Sussex	13.9	34.7	20.8	22.2	8.3	2.79	
Mercer	26.3	31.3	16.8	18.4	7.3	2.53	
Fairfield	20.7	31.1	16.4	21.2	10.6	2.72	
New Haven	30.7	31.6	17.3	14.3	6.1	2.36	
County Groups	Manhattan	47.2	27.6	11.3	9.0	4.9	1.95
	NYC other than Manh	26.9	26.2	17.6	16.7	12.6	2.58
	Long Island	18.6	29.2	17.8	21.8	12.7	2.87
	Mid-Hudson (NYMTC)	22.9	29.8	17.1	18.9	11.2	2.67
	Mid-Hudson (Other)	24.5	28.8	17.0	18.0	11.8	2.66
	CT Counties	25.7	31.3	16.8	17.7	8.5	2.54
	Bergen-Passaic	23.1	31.0	19.3	18.8	7.8	2.61
	Essex-Hudson-Union	26.8	27.4	19.4	16.6	9.8	2.56
	Mdlsx, Morris, Somrst	23.0	29.8	16.3	21.1	9.8	2.67
	Monmouth-Ocean	27.6	30.4	12.0	18.0	12.0	2.57
	Huntrdn, Susx, Wrrn	14.7	35.3	18.9	22.1	8.9	2.77
	Mercer	26.3	31.3	16.8	18.4	7.3	2.53
Regional Groups	NYC Total	31.8	26.6	16.0	14.8	10.8	2.42
	Long Island	18.6	29.2	17.8	21.8	12.7	2.87
	Mid-Hudson (all)	23.5	29.5	17.1	18.6	11.4	2.66
	CT Counties	25.7	31.3	16.8	17.7	8.5	2.54
	NJTPA	24.6	29.7	17.3	18.7	9.7	2.61
	Mercer	26.3	31.3	16.8	18.4	7.3	2.53
Political Groups	NYMTC Counties	28.1	27.4	16.5	16.7	11.2	2.54
	Other NY Counties	24.5	28.8	17.0	18.0	11.8	2.66
	CT Counties	25.7	31.3	16.8	17.7	8.5	2.54
	NJTPA	24.6	29.7	17.3	18.7	9.7	2.61
	Mercer	26.3	31.3	16.8	18.4	7.3	2.53

**Table H-2  
Household Vehicles**

		% Zero Vehicle	% One Vehicle	% Two Vehicles	% Three+ Vehicles	mean
County	Manhattan	69.2	25.1	4.4	1.3	0.38
	Queens	28.8	42.6	20.3	8.3	1.09
	Bronx	54.9	30.3	11.2	3.6	0.67
	Brooklyn	49.3	36.8	11.4	2.6	0.70
	Staten Island	14.3	35.7	38.4	11.6	1.54
	Nassau	4.1	30.8	44.0	21.1	1.94
	Suffolk	6.1	17.5	48.2	28.2	2.15
	Westchester	9.3	31.3	43.2	16.2	1.76
	Rockland	3.8	28.6	42.9	24.8	2.02
	Putnam	4.3	25.5	42.6	27.6	2.18
	Orange	16.0	25.8	36.2	22.1	1.80
	Dutchess	7.7	27.5	41.5	23.3	2.00
	Bergen	5.3	28.8	45.2	20.7	1.89
	Passaic	8.6	36.5	41.6	13.3	1.65
	Hudson	24.7	51.8	18.0	5.5	1.10
	Essex	18.0	34.3	32.8	14.8	1.48
	Union	8.3	27.8	45.5	18.5	1.83
	Morris	3.3	19.8	48.6	28.4	2.20
	Somerset	2.6	23.1	49.4	25.0	2.06
	Middlesex	8.7	32.6	42.6	16.1	1.72
	Monmouth	6.2	28.7	47.0	18.1	1.83
	Ocean	8.7	34.3	33.9	23.0	1.87
	Hunterdon	0.0	14.8	45.9	39.4	2.40
	Warren	5.5	23.6	43.6	27.3	2.07
Sussex	1.4	19.4	47.2	31.9	2.30	
Mercer	10.0	28.3	42.2	19.4	1.77	
Fairfield	6.3	24.0	44.3	25.5	1.98	
New Haven	4.4	34.6	46.1	14.9	1.72	
County Groups	Manhattan	69.2	25.1	4.4	1.3	0.38
	Other NYC	41.0	37.4	16.3	5.4	0.88
	Long Island	5.2	24.0	46.1	24.7	2.03
	Mid-Hudson (NYMTC)	7.9	30.3	43.0	18.8	1.84
	Mid-Hudson (Other)	12.1	26.7	38.4	22.8	1.87
	Connecticut	5.4	29.2	45.1	20.2	1.88
	Bergen-Passaic	6.5	31.3	44.0	18.2	1.82
	Essex-Hudson-Union	17.7	38.4	31.3	12.7	1.45
	Mdlsx, Morris, Somrst	5.8	26.8	45.8	21.6	1.94
	Monmouth-Ocean	7.3	31.4	40.9	20.5	1.87
	Huntrdn, Susx, Wrrn	2.1	18.9	45.8	33.2	2.27
	Mercer	10.0	28.3	42.2	19.4	1.80
Regional Groups	NYC Total	47.9	34.4	13.4	4.4	0.76
	Long Island	5.2	24.0	46.1	24.7	2.03
	Mid-Hudson (all)	9.2	29.2	41.6	20.0	1.85
	Connecticut	5.4	29.2	45.1	20.2	1.88
	NJTPA	9.6	31.7	40.1	18.6	1.77
	Mercer	10.0	28.3	42.2	19.4	1.80
Political Groups	NYMTC Counties	34.8	31.8	23.3	10.2	1.14
	Other NY Counties	12.1	26.7	38.4	22.8	1.87
	CT Counties	5.4	29.2	45.1	20.2	1.88
	NJTPA Counties	9.6	31.7	40.1	18.6	1.77
	Mercer	10.0	28.3	42.2	19.4	1.80

**Table H-3  
Zero-Vehicle Household Income**

		% Below \$25K	% \$25 - 49K	% \$50 - 74K	% \$75K+
County	Manhattan	31.9	27.8	18.3	25.0
	Queens	44.7	38.9	9.3	7.1
	Bronx	67.2	23.2	8.5	1.1
	Brooklyn	66.7	22.6	6.4	4.3
	Staten Island	76.0	16.0	4.0	4.0
	Nassau	*	*	*	*
	Suffolk	*	*	*	*
	Westchester	*	*	*	*
	Rockland	*	*	*	*
	Putnam	*	*	*	*
	Orange	*	*	*	*
	Dutchess	*	*	*	*
	Bergen	44.4	27.8	16.7	11.1
	Passaic	*	*	*	*
	Hudson	58.9	19.6	10.7	10.7
	Essex	68.6	15.7	13.7	2.0
	Union	*	*	*	*
	Morris	*	*	*	*
	Somerset	*	*	*	*
	Middlesex	*	*	*	*
	Monmouth	*	*	*	*
	Ocean	*	*	*	*
	Hunterdon	*	*	*	*
	Warren	*	*	*	*
Sussex	*	*	*	*	
Mercer	92.9	7.1	0.0	0.0	
Fairfield	*	*	*	*	
New Haven	*	*	*	*	
County Groups	Manhattan	31.9	24.0	18.3	25.0
	Other NYC	61.9	26.5	7.6	4.1
	Long Island	76.0	12.0	8.0	4.0
	Mid-Hudson (NYMTC)	67.6	20.6	5.9	5.9
	Mid-Hudson (Other)	85.7	7.1	7.1	0.0
	Connecticut	*	*	*	*
	Bergen-Passaic	60.6	24.2	9.1	6.1
	Essex-Hudson-Union	65.3	17.4	11.6	5.8
	Mdlsx, Morris, Somrst	74.2	12.9	0.0	12.9
	Monmouth-Ocean	82.6	4.3	4.3	8.7
	Huntrdn, Susx, Wrrn	*	*	*	*
	Mercer	92.9	7.1	0.0	0.0
	Regional Groups	NYC Total	51.1	25.8	11.4
Long Island		76.0	12.0	8.0	4.0
Mid-Hudson (all)		75.8	14.5	6.5	3.2
Connecticut		*	*	*	*
NJTPA		68.7	16.1	8.1	7.1
Mercer		*	*	*	*
Political Groups	NYMTC Counties	52.2	25.3	11.2	11.3
	Other NY Counties	85.7	7.1	7.1	0.0
	CT Counties	*	*	*	*
	NJTPA Counties	68.7	16.1	8.1	7.1
	Mercer	92.9	7.1	0.0	0.0

Base: All weekday households that reported zero vehicles (n=2,572), weighted.

\* Less than 30 cases available for observation.

**Table H-4  
Zero-Vehicle Household Ethnicity**

County		% Black	% White	% Asian	% Hispanic	% Other
County	Manhattan	14.7	61.5	5.8	12.3	5.7
	Queens	19.3	43.9	15.3	14.0	7.6
	Bronx	35.2	12.1	3.4	41.1	8.2
	Brooklyn	42.4	32.2	2.0	16.2	7.2
	Staten Island	20.0	66.7	3.3	6.7	3.3
	Nassau	*	*	*	*	*
	Suffolk	*	*	*	*	*
	Westchester	*	*	*	*	*
	Rockland	*	*	*	*	*
	Putnam	*	*	*	*	*
	Orange	*	*	*	*	*
	Dutchess	*	*	*	*	*
	Bergen	12.0	68.0	0.0	8.0	12.0
	Passaic	*	*	*	*	*
	Hudson	13.9	39.2	3.8	31.6	11.4
	Essex	55.7	27.1	5.7	5.7	5.7
	Union	*	*	*	*	*
	Morris	*	*	*	*	*
	Somerset	*	*	*	*	*
	Middlesex	*	*	*	*	*
	Monmouth	*	*	*	*	*
	Ocean	*	*	*	*	*
	Hunterdon	*	*	*	*	*
	Warren	*	*	*	*	*
Sussex	*	*	*	*	*	
Mercer	47.1	47.1	0.0	0.0	5.9	
Fairfield	*	*	*	*	*	
New Haven	*	*	*	*	*	
County Groups	Manhattan	14.7	61.5	5.8	12.3	5.7
	Other NYC	34.5	30.2	5.6	22.3	7.4
	Long Island	16.9	81.5	0.0	1.5	0.0
	Mid-Hudson (NYMTC)	26.9	55.8	1.9	13.5	1.9
	Mid-Hudson (Other)	13.9	72.2	5.6	5.6	2.8
	Connecticut	*	*	*	*	*
	Bergen-Passaic	18.2	54.5	2.3	11.4	13.6
	Essex-Hudson-Union	32.9	36.5	3.5	18.8	8.2
	Mdlsx, Morris, Somrst	19.1	48.9	14.9	10.6	6.4
	Monmouth-Ocean	0.0	87.8	0.0	2.4	9.8
	Huntrdn, Susx, Wrrn	*	*	*	*	*
	Mercer	35.3	52.9	0.0	0.0	5.9
	Regional Groups	NYC Total	27.4	41.3	5.7	18.8
Long Island		16.9	81.5	0.0	1.5	0.0
Mid-Hudson (all)		21.8	63.2	2.3	10.3	2.3
Connecticut		*	*	*	*	*
NJTPA		23.9	48.7	4.6	14.1	8.8
Mercer		35.3	52.9	0.0	0.0	5.9
Political Groups	NYMTC Counties	27.1	42.9	5.4	18.1	6.5
	Other NY Counties	13.9	72.2	5.6	5.6	2.8
	CT Counties	*	*	*	*	*
	NJTPA Counties	23.9	48.7	4.6	14.1	8.8
	Mercer	35.3	52.9	0.0	0.0	5.9
Metro Region		26.7	44.3	5.2	17.1	6.2

Base: All weekday household that reported zero vehicles (n=2,572), weighted.

\*Less than 30 cases available for observation.

**Table H-5  
Dwelling Type**

		% Single Family	% Apartment	% Other*
County	Manhattan	7.7	90.4	1.9
	Queens	59.3	40.3	0.4
	Bronx	28.0	71.7	0.3
	Brooklyn	41.4	58.2	0.4
	Staten Island	82.1	16.6	1.3
	Nassau	86.2	13.4	0.5
	Suffolk	92.2	7.6	0.1
	Westchester	68.8	29.1	2.1
	Putnam	89.4	8.5	2.1
	Orange	80.5	18.9	0.6
	Dutchess	84.4	14.2	1.4
	Rockland	84.8	14.4	0.8
	Bergen	81.5	17.4	1.1
	Passaic	79.6	19.1	1.3
	Hudson	49.8	49.5	0.6
	Essex	67.2	29.6	3.2
	Union	80.8	18.8	0.4
	Morris	87.1	12.9	0.0
	Somerset	91.0	8.3	0.6
	Middlesex	78.9	18.7	2.4
	Monmouth	85.3	13.8	0.9
	Ocean	92.7	4.2	3.1
	Hunterdon	96.8	3.2	0.0
	Warren	89.1	10.9	0.0
	Sussex	94.4	5.6	0.0
	Mercer	86.1	13.3	0.6
Fairfield	86.6	11.9	1.5	
New Haven	81.1	17.8	1.1	
County Groups	Manhattan	7.7	90.4	1.9
	NYC other than Manhattan	47.6	51.9	0.5
	Long Island	89.3	10.4	0.3
	Mid-Hudson (NYMTC)	73.5	24.7	1.8
	Mid-Hudson (Other)	82.4	16.7	1.0
	CT Counties	83.9	14.8	1.3
	Bergen-Passaic	81.0	17.9	1.1
	Essex-Hudson-Union	65.1	33.3	1.6
	Mdlsx, Morris, Somrst	84.0	14.8	1.2
	Monmouth-Ocean	88.8	9.2	2.0
	Huntrdn, Susx, Wrrn	93.7	6.3	0.0
	Mercer	86.1	13.3	0.6
Regional Groups	NYC Total	37.9	61.3	0.8
	Long Island	89.3	10.4	0.3
	Mid-Hudson (all)	76.3	22.1	1.6
	CT Counties	83.9	14.8	1.3
	NJTPA Counties	79.0	19.6	1.4
	Mercer	86.1	13.3	0.6
Political Groups	NYMTC Counties	52.3	46.9	0.8
	Other NY Counties	82.4	16.7	1.0
	CT Counties	83.9	14.8	1.3
	NJTPA Counties	79.0	19.6	1.4
	Mercer	86.1	13.3	0.6
Metro Region		64.3	34.6	1.0

Base: All weekday households (n=10,971), weighted.

\* "Other" includes hotel/motel, dorm/group quarters, mobile home/trailer park, other, don't know, refused

**Table H-6  
Owner/Renter Status**

		% Rent	% Own	Other/Don't Know/Refused
County	Manhattan	75.5	23.6	0.9
	Queens	46.1	53.3	0.6
	Bronx	78.3	20.7	1.1
	Brooklyn	68.4	30.5	1.1
	Staten Island	30.9	68.2	0.9
	Nassau	23.6	75.7	0.6
	Suffolk	15.2	84.2	0.6
	Westchester	35.3	64.7	0.0
	Rockland	22.7	77.3	0.0
	Putnam	19.6	80.4	0.0
	Orange	27.4	72.0	0.6
	Dutchess	23.8	75.5	0.7
	Bergen	22.8	76.3	0.8
	Passaic	35.9	64.1	0.0
	Hudson	65.3	34.3	0.3
	Essex	41.5	56.8	1.7
	Union	27.8	71.8	0.4
	Morris	19.0	80.2	0.8
	Somerset	15.4	84.6	0.0
	Middlesex	30.3	69.2	0.5
	Monmouth	20.0	79.1	0.9
	Ocean	11.2	88.8	0.0
	Hunterdon	6.5	93.5	0.0
Warren	17.9	78.6	3.6	
Sussex	11.1	88.9	0.0	
Mercer	23.3	76.1	0.6	
Fairfield	21.0	78.8	0.2	
New Haven	25.9	74.1	0.0	
County Groups	Manhattan	75.5	23.6	0.9
	Other NYC	60.2	38.9	0.9
	Long Island	19.4	80.1	0.5
	Mid-Hudson (NYMTC)	31.7	68.3	0.0
	Mid-Hudson (Other)	25.5	73.9	0.7
	CT Counties	23.4	76.5	0.1
	Bergen-Passaic	27.2	72.3	0.6
	Essex-Hudson-Union	45.7	53.3	1.0
	Mdlsx, Morris, Somrst	23.8	75.6	0.6
	Monmouth-Ocean	16.0	83.5	0.5
	Huntrdn, Susx, Wrrn	11.6	87.4	1.1
	Mercer	23.3	76.1	0.6
	Regional Groups	NYC Total	63.9	35.2
Long Island		19.4	80.1	0.5
Mid-Hudson (all)		29.8	70.0	0.2
CT Counties		23.4	76.5	0.1
NJTPA		29.1	70.3	0.7
Mercer		23.3	76.1	0.6
Political Groups	NYMTC Counties	51.3	48.0	0.7
	Other NY Counties	25.5	73.9	0.7
	CT Counties	23.4	76.5	0.1
	NJTPA	29.1	70.3	0.7
	Mercer	23.3	76.1	0.6
Metro Region		41.1	58.2	0.6

Base: All weekday households that reported owner/renter status (n=10,937), weighted.

**Table H-7  
Household Ethnicity**

		% Black	% White	% Asian	% Hispanic	% Other
County	Manhattan	14.3	65.5	5.4	10.0	4.9
	Queens	16.1	49.2	10.4	13.5	10.9
	Bronx	32.0	23.9	3.8	33.2	7.1
	Brooklyn	33.9	43.9	4.0	11.4	6.8
	Staten Island	7.1	82.8	2.5	4.0	3.5
	Nassau	7.2	79.4	4.5	6.2	2.7
	Suffolk	3.3	90.2	1.1	3.8	1.7
	Westchester	11.3	76.1	1.9	5.8	4.9
	Rockland	4.5	79.7	3.8	6.8	5.3
	Putnam	2.3	90.9	2.3	0.0	4.5
	Orange	6.3	84.8	0.0	5.7	3.2
	Dutchess	5.0	89.3	2.9	1.4	1.4
	Bergen	4.2	84.9	3.0	5.1	2.8
	Passaic	10.3	67.9	3.4	14.1	4.3
	Hudson	11.4	48.9	6.8	23.1	9.8
	Essex	34.6	48.8	3.9	8.0	4.7
	Union	13.6	72.8	2.2	8.8	2.6
	Morris	2.1	87.5	3.8	2.9	3.8
	Somerset	4.1	89.8	3.4	0.7	2.0
	Middlesex	6.2	75.3	8.9	5.4	4.3
	Monmouth	3.8	91.1	2.6	0.6	1.9
	Ocean	1.1	92.2	0.0	2.1	4.6
	Hunterdon	0.0	93.7	1.6	1.6	3.2
	Warren	0.0	90.9	0.0	1.8	7.3
	Sussex	0.0	95.8	1.4	1.4	1.4
	Mercer	14.9	78.3	1.2	2.5	3.1
Fairfield	10.2	80.6	1.3	4.8	3.1	
New Haven	4.8	88.3	0.6	3.5	2.8	
County Groups	Manhattan	14.3	65.5	5.4	10.0	4.9
	Other NYC	25.7	44.2	6.1	16.0	8.1
	Long Island	5.2	85.0	2.8	5.0	2.1
	Mid-Hudson (NYMTC)	9.4	78.1	2.1	5.6	4.8
	Mid-Hudson (Other)	5.7	86.9	1.3	3.7	2.3
	Connecticut	7.6	84.4	1.0	4.1	2.9
	Bergen-Passaic	6.3	79.4	3.1	8.1	3.1
	Essex-Hudson-Union	21.2	55.7	4.3	13.0	5.7
	Mdlsx, Morris, Somrst	4.5	82.1	6.2	3.7	3.6
	Monmouth-Ocean	2.5	91.6	1.3	1.3	3.2
	Huntrdn, Susx, Wrrn	0.5	93.2	1.6	1.6	3.1
	Mercer	14.9	78.3	1.2	2.5	3.1
	Regional Groups	NYC Total	22.7	49.7	5.9	14.4
Long Island		5.2	85.0	2.8	5.0	2.1
Mid-Hudson (all)		8.2	80.7	1.9	5.0	4.2
Connecticut		7.6	84.4	1.0	4.1	2.9
NJTPA		9.3	75.9	3.8	6.9	4.0
Mercer		14.9	78.3	1.2	2.5	3.1
Political Groups	NYMTC Counties	17.5	60.4	4.8	11.4	5.9
	Other NY Counties	5.7	86.9	1.3	3.7	2.3
	CT Counties	7.6	84.4	1.0	4.1	2.9
	NJTPA Counties	9.3	75.9	3.8	6.9	4.0
	Mercer	14.9	78.3	1.2	2.5	3.1
Metro Region		13.8	68.2	4.0	9.1	5.0

Base: All weekday households reporting ethnicity (n=10,640), weighted

**Table H-8  
Annual Household Income**

		% below \$25K	% \$25-49K	% \$50-74K	% \$75-99K	% \$100-149K	% \$150 +
County	Manhattan	23.0	23.8	19.4	11.8	10.0	12.0
	Queens	27.1	31.1	19.1	12.0	8.5	2.2
	Bronx	42.8	29.7	15.9	6.1	3.2	2.3
	Brooklyn	40.4	26.5	16.1	6.8	6.5	3.7
	Staten Island	19.2	21.2	26.3	19.9	10.3	3.2
	Nassau	17.0	21.7	22.3	14.4	17.6	6.9
	Suffolk	13.5	22.6	23.9	18.7	15.4	5.8
	Westchester	16.8	21.6	18.5	15.0	16.0	12.2
	Rockland	15.6	25.0	19.8	17.7	13.5	8.3
	Putnam	21.2	21.2	21.2	18.2	15.2	3.0
	Orange	30.0	26.7	22.5	11.7	8.3	0.8
	Dutchess	16.3	32.7	34.6	9.6	4.8	1.9
	Bergen	12.4	27.3	20.8	17.6	14.3	7.6
	Passaic	27.0	34.1	21.1	10.3	5.4	2.2
	Hudson	31.8	31.8	19.3	9.9	4.5	2.7
	Essex	29.9	23.0	18.1	9.5	14.8	4.6
	Union	20.6	24.0	21.1	13.2	13.2	7.8
	Morris	9.1	15.7	20.7	22.2	19.7	12.6
	Somerset	10.3	20.7	26.7	17.2	16.4	8.6
	Middlesex	24.3	26.6	22.7	13.8	9.9	2.6
	Monmouth	19.0	22.7	21.9	15.8	15.8	4.9
	Ocean	25.7	26.6	24.8	10.3	10.3	2.3
	Hunterdon	8.2	18.4	28.6	14.3	22.4	8.2
	Warren	26.2	21.4	26.2	16.7	7.1	2.4
Sussex	9.8	26.2	27.9	21.3	9.8	4.9	
Mercer	22.7	26.6	21.9	14.1	11.7	3.1	
Fairfield	20.4	23.4	24.0	12.5	13.1	6.7	
New Haven	25.9	31.6	19.7	12.2	8.2	2.5	
County Groups	Manhattan	23.0	23.8	19.4	11.8	10.0	12.0
	Other NYC	34.8	28.4	17.8	9.4	6.8	2.9
	Long Island	15.2	22.2	23.2	16.5	16.5	6.4
	Mid-Hudson (NYMTC)	16.9	22.0	19.0	15.5	15.5	11.1
	Mid-Hudson (Other)	23.5	29.2	27.9	10.6	7.1	1.8
	Connecticut	23.4	27.9	21.6	12.3	10.3	4.4
	Bergen-Passaic	17.1	29.5	20.9	15.1	11.5	5.8
	Essex-Hudson-Union	28.0	26.1	19.3	10.6	11.1	4.9
	Mdlsx, Morris, Somrst	16.6	22.1	22.8	17.3	14.2	6.9
	Monmouth-Ocean	22.2	24.3	23.5	13.3	13.0	3.7
	Huntrdn, Susx, Wrrn	13.6	21.4	27.3	18.2	13.6	5.8
	Mercer	22.7	26.6	21.9	14.1	11.7	3.1
	Regional Groups	NYC Total	31.8	27.3	18.2	10.0	7.6
Long Island		15.2	22.2	23.2	16.5	16.5	6.4
Mid-Hudson (all)		18.9	24.2	21.7	14.1	12.9	8.3
Connecticut		23.4	27.9	21.6	12.3	10.3	4.4
NJTPA		20.9	25.3	21.7	14.2	12.5	5.4
Mercer		22.7	26.6	21.9	14.1	11.7	3.1
Political Groups	NYMTC Counties	26.6	25.6	19.3	12.0	10.4	6.1
	Other NY Counties	23.5	29.2	27.9	10.6	7.1	1.8
	CT Counties	23.4	27.9	21.6	12.3	10.3	4.4
	NJTPA Counties	20.9	25.3	21.7	14.2	12.5	5.4
	Mercer	22.7	26.6	21.9	14.1	11.7	3.1
Metro Region	25.5	23.5	18.5	12.0	13.6	6.9	

Base: All weekday households that reported income (n=8,368), weighted

**Table H-9**  
**Average Daily Weekday Trips per Household**

		1 person	2 person	3 person	4 person	5+ person	Overall
		Households	Households	Households	Households	Households	Mean
County	Manhattan	3.8	6.6	9.2	12.7	15.7	6.5
	Queens	3.6	5.8	9.4	9.4	*	7.4
	Bronx	2.8	6.0	7.1	10.6	*	6.7
	Brooklyn	2.7	5.2	8.8	10.5	11.2	6.8
	Staten Island	3.1	5.8	9.4	12.3	16.6	8.4
	Nassau	4.1	6.8	11.4	15.5	16.0	9.9
	Suffolk	3.2	7.1	9.8	15.2	17.4	10.5
	Westchester	3.5	6.7	9.6	16.2	*	9.6
	Rockland	3.8	7.0	11.2	13.0	*	9.5
	Putnam	3.0	6.1	10.5	15.3	*	9.6
	Orange	3.3	6.9	10.3	14.0	17.4	9.1
	Dutchess	3.8	6.9	10.4	14.5	*	9.1
	Bergen	3.4	7.1	11.0	15.3	21.1	9.9
	Passaic	3.6	6.1	9.1	13.4	*	8.2
	Hudson	3.2	5.4	8.4	10.7	16.7	7.0
	Essex	2.6	6.4	9.7	11.9	16.8	8.0
	Union	3.3	7.7	9.8	14.5	*	9.2
	Morris	3.4	7.4	10.3	12.7	21.8	10.4
	Somerset	3.0	7.2	9.3	18.0	*	10.0
	Middlesex	3.1	6.5	10.3	12.5	*	8.3
	Monmouth	3.4	7.7	10.7	13.7	21.4	9.7
	Ocean	2.5	5.5	9.1	12.8	*	7.4
	Hunterdon	3.9	6.6	10.5	12.9	*	9.6
	Warren	2.6	6.6	8.8	13.5	*	8.9
Sussex	3.9	7.0	8.9	13.3	*	9.5	
Mercer	3.1	7.0	10.4	15.5	*	9.1	
Fairfield	3.0	6.9	8.5	15.7	*	9.5	
New Haven	3.3	6.6	11.0	*	*	7.9	
County Groups	Manhattan	3.8	6.6	9.2	12.7	15.7	6.5
	Other NYC	3.0	5.6	8.7	10.3	12.6	7.1
	Long Island	3.6	6.9	10.6	15.3	16.8	10.2
	Mid-Hudson (NYMTC)	3.5	6.7	10.0	15.5	19.2	9.6
	Mid-Hudson (Other)	3.5	6.9	10.3	14.2	16.1	9.1
	Connecticut	3.2	6.7	9.8	14.4	17.5	8.7
	Bergen-Passaic	3.5	6.7	10.3	14.8	21.4	9.4
	Essex-Hudson-Union	3.0	6.4	9.3	12.4	16.8	8.0
	Mdlsx, Morris, Somrst	3.2	6.9	10.1	13.7	19.6	9.3
	Monmouth-Ocean	3.0	6.6	9.8	13.4	18.7	8.6
	Huntrdn, Susx, Wrrn	3.4	6.8	9.4	13.2	19.6	9.4
Mercer	3.1	7.0	10.4	15.5	*	9.1	
Regional Groups	NYC Total	3.3	5.9	8.8	10.7	12.9	6.9
	Long Island	3.6	6.9	10.6	15.3	16.8	10.2
	Mid-Hudson (all)	3.5	6.8	10.1	15.1	18.2	9.4
	Connecticut	3.2	6.7	9.8	14.4	17.5	8.7
	NJTPA	3.1	6.7	9.8	13.5	18.8	8.8
	Mercer	3.1	7.0	10.4	15.5	*	9.1
Political Groups	NYMTC Counties	3.4	6.2	9.3	12.5	14.5	7.9
	Other NY Counties	3.5	6.9	10.3	14.2	16.1	9.1
	CT Counties	3.2	6.7	9.8	14.4	17.5	8.7
	NJTPA Counties	3.1	6.7	9.8	13.5	18.8	8.8
	Mercer	3.1	7.0	10.4	15.5	*	9.1
Metro Region	3.3	6.4	9.6	13.1	16.1	8.3	

Base: All weekday households (n=10,963), weighted.

\*Less than 30 cases available for observation.

**Table H-10**  
**Average Weekday Trips by Household Vehicles**

		Zero Vehicle	One Vehicle	Two Vehicles	Three + Vehicles	Overall Mean
County	Manhattan	5.8	8.3	7.9	*	6.5
	Queens	5.3	7.6	9.4	*	7.4
	Bronx	5.7	6.2	11.9	*	6.7
	Brooklyn	5.3	7.4	11.8	*	6.8
	Staten Island	4.3	6.7	10.7	11.5	8.4
	Nassau	*	5.9	11.2	13.6	9.9
	Suffolk	*	6.0	11.1	13.4	10.5
	Westchester	*	6.9	12.1	12.2	9.6
	Rockland	*	6.6	10.6	11.7	9.5
	Putnam	*	4.5	9.6	14.1	9.6
	Orange	*	6.4	11.0	12.5	9.1
	Dutchess	*	5.8	10.1	12.4	9.1
	Bergen	3.9	5.0	12.1	13.3	9.9
	Passaic	*	6.2	9.8	12.1	8.2
	Hudson	6.1	6.9	8.1	8.0	7.0
	Essex	3.3	6.4	10.6	12.8	8.0
	Union	*	6.4	11.3	11.4	9.2
	Morris	*	4.0	12.3	11.9	10.4
	Somerset	*	4.8	11.6	12.8	10.0
	Middlesex	*	5.6	9.8	12.3	8.3
	Monmouth	*	6.2	11.7	13.0	9.7
	Ocean	*	3.4	9.9	11.0	7.4
	Hunterdon	*	5.2	10.4	10.7	9.6
	Warren	*	5.7	10.5	10.2	8.9
	Sussex	*	5.1	10.3	10.8	9.5
	Mercer	5.2	5.2	11.2	13.1	9.1
Fairfield	*	4.9	11.1	12.2	9.5	
New Haven	*	5.0	9.6	*	7.9	
County Groups	Manhattan	5.8	8.3	7.9	*	6.5
	Other NYC	5.4	7.2	10.6	9.0	7.1
	Long Island	4.6	5.9	11.1	13.5	10.2
	Mid-Hudson (NYMTC)	3.4	6.7	11.6	12.3	9.6
	Mid-Hudson (Other)	4.2	6.1	10.5	12.5	9.1
	Connecticut	*	4.9	10.3	11.4	8.7
	Bergen-Passaic	3.5	5.5	11.4	13.0	9.4
	Essex-Hudson-Union	4.5	6.6	10.4	11.5	8.0
	Mdlsx, Morris, Somrst	3.8	5.1	11.0	12.2	9.3
	Monmouth-Ocean	3.3	4.8	11.0	11.9	8.6
	Huntrdn, Susx, Wrrn	*	5.3	10.4	10.6	9.4
	Mercer	5.2	5.2	11.2	13.1	9.1
Regional Groups	NYC Total	5.6	7.4	10.4	9.0	6.9
	Long Island	4.6	5.9	11.1	13.5	10.2
	Mid-Hudson (all)	3.7	6.5	11.3	12.4	9.4
	Connecticut	*	4.9	10.3	11.4	8.7
	NJTPA	4.1	5.7	10.9	12.0	8.8
	Mercer	5.2	5.2	11.2	13.1	9.1
Political Groups	NYMTC Counties	5.5	7.1	10.9	12.0	7.9
	Other NY Counties	4.2	6.1	10.5	12.5	9.1
	CT Counties	*	4.9	10.3	11.4	8.7
	NJTPA Counties	4.1	5.7	10.9	12.0	8.8
	Mercer	5.2	5.2	11.2	13.1	9.1
Metro Region	5.3	6.5	10.8	12.0	8.3	

Base: all weekday households (n=10,963), weighted.

\*Less than 30 cases available for observation.

**Table H-11**  
**Average Daily Trips per Household by Dwelling Type**

		Single Family	Apartment	Other	Overall
County	Manhattan	6.7	6.6	*	6.5
	Queens	8.1	6.3	*	7.4
	Bronx	6.7	6.6	*	6.7
	Brooklyn	7.3	6.4	*	6.8
	Staten Island	8.9	5.9	*	8.4
	Nassau	10.4	6.7	*	9.9
	Suffolk	11.0	4.9	*	10.5
	Westchester	10.8	6.7	*	9.6
	Rockland	9.7	8.2	*	9.5
	Putnam	10.1	*	*	9.6
	Orange	10.1	4.8	*	9.1
	Dutchess	9.8	5.7	*	9.1
	Bergen	10.9	4.2	*	9.9
	Passaic	9.2	5.4	*	8.2
	Hudson	8.0	4.3	*	7.0
	Essex	9.2	6.0	*	8.0
	Union	9.9	5.9	*	9.2
	Morris	11.0	6.2	*	10.4
	Somerset	10.3	6.1	*	10.0
	Middlesex	9.0	7.4	*	8.3
	Monmouth	10.5	6.3	*	9.7
	Ocean	7.7	*	*	7.4
	Hunterdon	9.6	*	*	9.6
Warren	9.4	9.5	*	8.9	
Sussex	9.7	*	*	9.5	
Mercer	9.8	6.0	*	9.1	
Fairfield	10.3	*	*	9.5	
New Haven	8.5	*	*	7.9	
County Groups	Manhattan	6.7	6.6	*	6.5
	Other NYC	7.8	6.4	*	7.1
	Long Island	10.7	6.0	*	10.2
	Mid-Hudson (NYMTC)	10.5	6.8	*	9.6
	Mid-Hudson (Other)	10.0	5.2	*	9.1
	Connecticut	9.4	4.9	*	8.7
	Bergen-Passaic	10.4	5.0	*	9.4
	Essex-Hudson-Union	9.1	6.0	*	8.0
	Mdlsx, Morris, Somrst	9.9	6.4	*	9.3
	Monmouth-Ocean	9.1	5.3	*	8.6
	Huntrdn, Susx, Wrrn	9.6	6.1	*	9.4
	Mercer	9.8	4.6	*	9.1
	Regional Groups	NYC Total	7.7	6.5	5.0
Long Island		10.7	6.0	*	10.2
Mid-Hudson (all)		10.3	6.4	*	9.4
Connecticut		9.4	4.6	*	8.7
NJTPA		9.6	5.8	4.7	8.8
Mercer		9.8	4.6	*	9.1
Political Groups	NYMTC Counties	9.2	6.5	5.7	7.9
	Other NY Counties	10.0	5.2	*	9.1
	CT Counties	9.4	4.9	*	8.7
	NJTPA Counties	9.6	5.8	4.7	8.8
	Mercer	9.8	4.6	*	9.1
Metro Region		9.4	6.3	5.5	8.3

Base: All weekday households (n=10,963).

"Other" includes hotel, motel, dormitory, group quarters, mobile home, trailer, or other.

\*Less than 30 cases available for observation.

**Table H-12**  
**Average Weekday Trips by Household Ethnicity**

		Black	White	Asian	Hispanic	Other	Mean
County	Manhattan	5.3	6.1	5.9	7.8	5.7	6.5
	Queens	5.5	7.4	*	7.1	*	7.4
	Bronx	6.1	6.8	*	*	*	6.7
	Brooklyn	5.6	7.5	*	*	*	6.8
	Staten Island	6.4	7.7	*	9.5	*	8.4
	Nassau	*	8.9	*	*	*	9.9
	Suffolk	*	9.7	*	*	*	10.5
	Westchester	6.0	9.4	*	*	*	9.6
	Rockland	*	8.9	*	*	*	9.5
	Putnam	*	9.4	*	*	*	9.6
	Orange	*	9.4	*	*	*	9.1
	Dutchess	*	9.2	*	*	*	9.1
	Bergen	*	9.2	*	*	*	9.9
	Passaic	*	8.4	*	*	*	8.2
	Hudson	6.4	6.3	6.0	7.1	6.9	7.0
	Essex	5.3	8.6	*	9.0	*	8.0
	Union	7.4	9.0	*	*	*	9.2
	Morris	*	9.9	*	*	*	10.4
	Somerset	*	9.0	*	*	*	10.0
	Middlesex	*	7.8	*	*	*	8.3
Monmouth	*	8.9	*	*	*	9.7	
Ocean	*	6.9	*	*	*	7.4	
Hunterdon	*	8.8	*	*	*	9.6	
Warren	*	8.3	*	*	*	8.9	
Sussex	*	9.1	*	*	*	9.5	
Mercer	5.8	9.0	*	*	*	9.1	
Fairfield	*	8.7	*	*	*	9.5	
New Haven	*	7.2	*	*	*	7.9	
County Groups	Manhattan	5.3	6.1	5.9	7.8	5.7	6.5
	Other NYC	5.7	7.4	7.4	6.9	7.0	7.1
	Long Island	7.8	9.3	*	7.4	*	10.2
	Mid-Hudson (NYMTC)	6.5	9.3	*	9.3	*	9.6
	Mid-Hudson (Other)	6.5	9.3	*	*	*	9.1
	Connecticut	*	8.0	*	*	*	8.7
	Bergen-Passaic	7.1	9.0	13.7	6.3	*	9.4
	Essex-Hudson-Union	5.9	8.1	6.7	7.6	6.4	8.0
	Mdlsx, Morris, Somrst	6.3	8.8	9.5	*	*	9.3
	Monmouth-Ocean	9.6	8.0	*	*	*	8.6
	Huntrdn, Susx, Wrrn	*	8.8	*	*	*	9.4
	Mercer	5.8	9.0	*	*	*	9.1
Regional Groups	NYC Total	5.7	7.0	7.0	7.1	6.7	6.9
	Long Island	7.8	9.3	*	7.4	*	10.2
	Mid-Hudson (all)	6.5	9.3	*	9.2	*	9.4
	Connecticut	*	8.0	*	*	*	8.7
	NJTPA	6.3	8.5	9.2	7.6	6.7	8.8
	Mercer	5.8	9.0	*	*	*	9.1
Political Groups	NYMTC Counties	5.8	8.0	7.2	7.3	6.9	7.9
	Other NY Counties	6.5	9.3	*	*	*	9.1
	Connecticut	*	8.0	*	*	*	8.7
	NJTPA	6.3	8.5	9.2	7.6	6.7	8.8
	Mercer	5.8	9.0	*	*	*	9.1
Metro Region		6.2	9.0	8.4	7.7	6.8	8.3

Base: All weekday households reporting ethnicity (n=10,640), weighted.

\* Less than 30 cases available for observation.

**Table H-13**  
**Average Weekday Trips by Household Income**

		Below \$25K	\$25 - 74K	\$75 +	Overall
County	Manhattan	5.0	6.3	8.7	6.5
	Queens	5.4	7.7	9.1	7.4
	Bronx	6.7	7.8	*	6.7
	Brooklyn	5.5	7.9	9.8	6.8
	Staten Island	5.1	8.2	11.6	8.4
	Nassau	7.3	9.0	13.0	9.9
	Suffolk	5.5	10.6	12.8	10.5
	Westchester	*	8.8	14.1	9.6
	Rockland	*	9.2	12.4	9.5
	Putnam	3.7	9.9	12.0	9.6
	Orange	5.6	10.6	14.0	9.1
	Dutchess	*	9.8	11.6	9.1
	Bergen	4.2	9.3	12.9	9.9
	Passaic	5.0	8.7	11.1	8.2
	Hudson	6.1	7.6	8.0	7.0
	Essex	5.8	7.5	12.8	8.0
	Union	*	9.0	12.3	9.2
	Morris	*	9.9	12.4	10.4
	Somerset	*	8.5	13.8	10.0
	Middlesex	4.5	9.1	10.4	8.3
	Monmouth	4.6	10.2	13.0	9.7
	Ocean	3.3	8.7	10.9	7.4
	Hunterdon	*	8.4	11.5	9.6
Warren	5.1	9.9	13.1	8.9	
Sussex	*	10.1	11.0	9.5	
Mercer	5.9	9.5	12.7	9.1	
Fairfield	*	9.6	11.5	9.5	
New Haven	*	9.1	11.3	7.9	
County Groups	Manhattan	5.0	6.3	8.7	6.5
	Other NYC	5.7	7.8	9.7	7.1
	Long Island	6.5	9.8	12.9	10.2
	Mid-Hudson (NYMTC)	4.7	9.0	13.7	9.6
	Mid-Hudson (Other)	5.6	10.2	13.0	9.1
	Connecticut	5.1	9.3	11.4	8.7
	Bergen-Passaic	4.6	9.1	12.6	9.4
	Essex-Hudson-Union	5.8	7.9	11.7	8.0
	Mdlsx, Morris, Somrst	4.8	9.2	12.0	9.3
	Monmouth-Ocean	3.9	9.4	12.3	8.6
	Huntrdn, Susx, Wrrn	5.2	9.5	11.7	9.4
	Mercer	5.9	9.5	12.7	9.1
Regional Group	NYC Total	5.6	7.5	9.3	6.9
	Long Island	6.5	9.8	12.9	10.2
	Mid-Hudson (all)	5.1	9.4	13.6	9.4
	Connecticut	5.1	9.3	11.4	8.7
	NJTPA	5.0	8.9	12.1	8.8
	Mercer	5.9	9.5	12.7	9.1
Political Groups	NYMTC Counties	5.7	8.1	11.1	7.9
	Other NY Counties	5.6	10.2	13.0	9.1
	CT Counties	5.1	9.3	11.4	8.7
	NJTPA Counties	5.0	8.9	12.1	8.8
	Mercer	5.9	9.5	12.7	9.1
Metro Region		5.5	8.6	11.5	8.3

Base: All weekday households that reported income (n=8,638), weighted.

\* Less than 30 cases available for observation.

**Table H-14**  
**Average Weekday Trips by Household Workers**

		0 Workers	1 Worker	2 Workers	Overall
County	Manhattan	4.8	5.8	9.3	6.5
	Queens	5.4	7.0	9.2	7.4
	Bronx	5.5	6.9	8.3	6.7
	Brooklyn	3.8	7.5	9.1	6.8
	Staten Island	4.7	7.3	11.0	8.4
	Nassau	5.9	8.1	12.5	9.9
	Suffolk	4.4	9.5	12.9	10.5
	Westchester	4.1	9.4	12.1	9.6
	Rockland	4.9	9.0	11.5	9.5
	Putnam	4.4	8.0	12.4	9.6
	Orange	4.7	9.0	12.0	9.1
	Dutchess	5.5	8.7	11.0	9.1
	Bergen	4.3	9.1	12.9	9.9
	Passaic	4.3	8.2	10.7	8.2
	Hudson	4.6	5.9	9.3	7.0
	Essex	3.9	6.9	11.2	8.0
	Union	6.2	8.9	11.1	9.2
	Morris	5.9	7.3	13.2	10.4
	Somerset	5.1	10.4	11.5	10.0
	Middlesex	3.0	7.9	10.8	8.3
	Monmouth	4.6	9.7	12.5	9.7
	Ocean	3.4	8.5	10.4	7.4
Hunterdon	5.5	9.3	10.6	9.6	
Warren	4.4	9.3	10.8	8.9	
Sussex	5.2	8.0	11.2	9.5	
Mercer	4.7	8.1	12.5	9.1	
Fairfield	4.2	8.2	11.7	9.5	
New Haven	4.1	7.6	10.7	7.9	
County Groups	Manhattan	4.8	5.8	9.3	6.5
	Other NYC	4.7	7.2	9.2	7.1
	Long Island	5.1	8.8	12.7	10.2
	Mid-Hudson (NYMTC)	4.2	9.2	12.0	9.6
	Mid-Hudson (Other)	5.0	8.8	11.5	9.1
	Connecticut	4.1	7.9	11.3	8.7
	Bergen-Passaic	4.3	8.8	12.2	9.4
	Essex-Hudson-Union	4.8	7.1	10.6	8.0
	Mdlsx, Morris, Somrst	4.1	8.2	11.8	9.3
	Monmouth-Ocean	3.9	9.2	11.6	8.6
	Huntrdn, Susx, Wrrn	4.9	8.9	10.9	9.4
	Mercer	4.7	8.1	12.5	9.1
Regional Groups	NYC Total	4.7	6.8	9.2	6.9
	Long Island	5.1	8.8	12.7	10.2
	Mid-Hudson (all)	4.6	9.1	11.8	9.4
	Connecticut	4.1	7.9	11.3	8.7
	NJTPA	4.3	8.2	11.4	8.8
	Mercer	4.7	8.1	12.5	9.1
Political Groups	NYMTC Counties	4.8	7.4	10.6	7.9
	Other NY Counties	5.0	8.8	11.5	9.1
	CT Counties	4.1	7.9	11.3	8.7
	NJTPA Counties	4.3	8.2	11.4	8.8
	Mercer	4.7	8.1	12.5	9.1
Metro Region		4.6	7.7	11.0	8.3

Base: All weekday households (n=10,971), weighted.

## **Section 2 – Person Data Tables**

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The 10,971 weekday households were comprised of 28,562 members. The tables in this section present the weighted results of the households that reported weekday travel.

The demographic information about these household members comprise the person file and includes age, employment status, student status, disability status, and licensed driver status. Employment data is provided for up to two jobs; employer-subsidized parking and telecommuting is also covered. Finally, several tables relate average weekday trip rates and miles to a number of demographic categories (e.g., age, gender, employment status).

**Table P-1  
Respondent Age**

		%	%	%	%	
		under 18	18 to 45	46 to 64	65+	mean age
County	Manhattan	21.1	48.3	20.9	9.8	36.1
	Queens	26.1	44.8	18.5	10.5	34.3
	Bronx	27.3	46.3	17.1	9.3	32.2
	Brooklyn	32.2	42.0	17.4	8.5	31.9
	Staten Island	26.3	43.8	20.8	9.1	34.5
	Nassau	21.9	42.6	23.7	11.9	36.7
	Suffolk	28.9	41.6	21.4	8.2	33.8
	Westchester	28.6	37.5	21.4	12.5	35.9
	Rockland	26.0	37.7	24.8	11.5	36.6
	Putnam	27.1	38.5	23.5	10.9	35.7
	Orange	28.4	41.3	20.9	9.5	34.0
	Dutchess	25.4	38.7	22.6	13.3	37.2
	Bergen	27.4	39.0	21.6	12.0	36.3
	Passaic	27.9	40.7	17.4	14.0	36.1
	Hudson	23.6	52.3	15.9	8.3	32.7
	Essex	27.4	43.0	18.2	11.4	34.4
	Union	27.0	39.2	20.3	13.6	36.1
	Morris	30.1	40.4	23.0	6.5	33.2
	Somerset	27.1	41.9	19.9	11.2	35.8
	Middlesex	24.5	43.9	18.4	13.3	35.9
	Monmouth	30.1	40.7	17.8	11.4	34.4
	Ocean	24.6	36.4	19.1	19.9	40.3
	Hunterdon	27.3	37.7	27.1	8.0	35.9
	Warren	26.5	40.9	18.9	13.7	36.9
Sussex	25.9	38.1	27.0	8.9	36.1	
Mercer	26.4	38.2	21.8	13.7	36.8	
Fairfield	27.5	39.0	21.9	11.6	35.9	
New Haven	26.0	40.4	18.5	15.1	36.8	
County Groups	Manhattan	21.1	48.3	20.9	9.8	36.1
	Other NYC	28.8	43.9	18.0	9.4	33.0
	Long Island	25.6	42.0	22.4	9.9	35.2
	Mid-Hudson (NYMTC)	28.0	37.6	22.3	12.2	36.0
	Mid-Hudson (Other)	27.0	40.0	21.7	11.3	35.5
	Connecticut	26.8	39.7	20.3	13.3	36.3
	Bergen-Passaic	27.5	39.5	20.3	12.7	36.2
	Essex-Hudson-Union	26.1	44.7	18.1	11.0	34.3
	Middlesex-Morris-Somerset	26.9	42.3	20.2	10.6	35.0
	Monmouth-Ocean	27.6	38.8	18.4	15.2	37.1
	Hunterdon-Sussex-Warren	26.5	38.7	24.8	9.9	36.2
Mercer	26.4	38.2	21.8	13.7	36.8	
Regional Groups	NYC Total	27.2	44.8	18.6	9.5	33.6
	Long Island	25.6	42.0	22.4	9.9	35.2
	Mid-Hudson (all)	27.6	38.4	22.1	11.9	35.9
	Connecticut	26.8	39.7	20.3	13.3	36.3
	NJTPA	26.9	41.5	19.6	12.0	35.5
	Mercer	26.4	38.2	21.8	13.7	36.8
Political Groups	NYMTC Counties	26.9	43.3	19.9	9.9	34.3
	Other NY Counties	27.0	40.0	21.7	11.3	35.5
	CT Counties	26.8	39.7	20.3	13.3	36.3
	NJTPA Counties	26.9	41.5	19.6	12.0	35.5
	Mercer	26.4	38.2	21.8	13.7	36.8
Metro Region		26.9	42.3	19.9	10.9	34.9

Base: All weekday household members that reported age (n=27,483), weighted.

**Table P-2  
Respondents Lacking Driver Licenses**

		%
County	Manhattan	28.9
	Queens	28.4
	Bronx	42.3
	Brooklyn	44.2
	Staten Island	15.9
	Nassau	8.9
	Suffolk	8.2
	Westchester	12.1
	Rockland	8.0
	Putnam	2.3
	Orange	11.3
	Dutchess	7.1
	Bergen	7.3
	Passaic	11.8
	Hudson	28.0
	Essex	17.9
	Union	12.7
	Morris	4.4
	Somerset	4.4
	Middlesex	8.4
	Monmouth	6.9
	Ocean	9.6
	Hunterdon	3.1
Warren	7.4	
Sussex	5.2	
Mercer	10.4	
Fairfield	5.7	
New Haven	6.4	
County Groups	Manhattan	28.9
	Other NYC	36.1
	Long Island	8.5
	Mid-Hudson (NYMTC)	10.6
	Mid-Hudson (Other)	9.3
	Connecticut	6.0
	Bergen-Passaic	8.7
	Essex-Hudson-Union	19.7
	Middlesex-Morris-Somerset	6.4
	Monmouth-Ocean	8.2
	Hunterdon-Sussex-Warren	5.1
Mercer	10.4	
Regional Groups	NYC Total	34.6
	Long Island	8.5
	Mid-Hudson (all)	10.2
	Connecticut	6.0
	NJTPA	11.1
	Mercer	10.4
Political Groups	NYMTC Counties	25.5
	Other NY Counties	9.3
	Connecticut	6.0
	NJTPA	11.1
	Mercer	10.4
Metro Region		19.0

Base: all weekday household members age 17+ (n=20,523), weighted.

**P-3  
Disability Status**

		% Disabled	% Not Disabled	Don't Know/ Refused to Answer
County	Manhattan	4.2	94.2	1.6
	Queens	2.7	97.3	0.1
	Bronx	6.5	92.1	1.4
	Brooklyn	4.9	94.7	0.4
	Staten Island	4.5	94.6	0.9
	Nassau	2.7	93.4	3.8
	Suffolk	2.7	96.5	0.8
	Westchester	2.4	97.2	0.4
	Rockland	2.6	96.4	1.0
	Putnam	2.4	96.8	0.8
	Orange	5.3	93.7	0.9
	Dutchess	3.1	95.9	1.0
	Bergen	2.6	96.1	1.3
	Passaic	3.1	95.6	1.3
	Hudson	2.5	97.0	0.5
	Essex	3.4	94.7	1.9
	Union	3.1	96.0	1.0
	Morris	1.5	97.6	0.8
	Somerset	0.7	99.0	0.2
	Middlesex	4.0	95.1	0.9
	Monmouth	2.3	97.0	0.7
	Ocean	2.7	95.7	1.5
	Hunterdon	2.2	95.7	2.2
	Warren	4.0	96.0	0.0
Sussex	2.4	96.7	0.9	
Mercer	2.1	96.7	1.2	
Fairfield	1.2	97.4	1.5	
New Haven	1.6	96.6	1.8	
County Groups	Manhattan	4.2	94.2	1.6
	Other NYC	4.4	95.1	0.5
	Long Island	2.7	95.0	2.3
	Mid-Hudson (NYMTC)	2.5	97.0	0.5
	Mid-Hudson (Other)	4.3	94.7	1.0
	Connecticut	1.4	97.0	1.6
	Bergen-Passaic	2.8	95.9	1.3
	Essex-Hudson-Union	3.0	95.7	1.2
	Middlesex-Morris-Somerset	2.5	96.6	0.9
	Monmouth-Ocean	2.5	96.4	1.1
	Hunterdon-Sussex-Warren	2.6	96.3	1.1
	Mercer	2.1	96.7	1.2
Regional Groups	NYC Total	4.4	94.9	0.7
	Long Island	2.7	95.0	2.3
	Mid-Hudson (all)	3.0	96.3	0.7
	Connecticut	1.4	97.0	1.6
	NJTPA	2.7	96.2	1.1
	Mercer	2.1	96.7	1.2
Political Groups	NYMTC Counties	3.8	95.2	1.1
	Other NY Counties	4.3	94.7	1.0
	CT Counties	1.4	97.0	1.6
	NJTPA Counties	2.7	96.2	1.1
	Mercer	2.1	96.7	1.2
Metro Region		3.2	95.6	1.1

Base: All weekday household members that reported disability status (n=28,238), weighted.

**Table P-4  
Student Status**

		% Student	% Not a Student
County	Manhattan	24.2	75.8
	Queens	29.3	70.7
	Bronx	30.0	70.0
	Brooklyn	31.7	68.3
	Staten Island	28.3	71.7
	Nassau	23.0	77.0
	Suffolk	28.5	71.5
	Westchester	26.5	73.5
	Rockland	25.2	74.8
	Putnam	22.6	77.4
	Orange	30.6	69.4
	Dutchess	28.3	71.7
	Bergen	24.5	75.5
	Passaic	24.5	75.5
	Hudson	23.3	76.7
	Essex	25.2	74.8
	Union	22.4	77.6
	Morris	30.3	69.7
	Somerset	23.9	76.1
	Middlesex	24.1	75.9
	Monmouth	27.1	72.9
	Ocean	23.6	76.4
	Hunterdon	25.4	74.6
	Warren	24.0	76.0
Sussex	27.0	73.0	
Mercer	26.2	73.8	
Fairfield	27.1	72.9	
New Haven	24.6	75.4	
County Groups	Manhattan	24.2	75.8
	Other NYC	30.3	69.7
	Long Island	25.9	74.1
	Mid-Hudson (NYMTC)	25.9	74.1
	Mid-Hudson (Other)	29.5	70.5
	Connecticut	25.9	74.1
	Bergen-Passaic	24.5	75.5
	Essex-Hudson-Union	23.8	76.2
	Middlesex-Morris-Somerset	26.2	73.8
	Monmouth-Ocean	25.5	74.5
	Hunterdon-Sussex-Warren	25.6	74.4
	Mercer	26.2	73.8
Regional Groups	NYC Total	29.1	70.9
	Long Island	25.9	74.1
	Mid-Hudson (all)	27.0	73.0
	Connecticut	25.9	74.1
	NJTPA	25.0	75.0
	Mercer	26.2	73.8
Political Groups	NYMTC Counties	27.9	72.1
	Other NY Counties	29.5	70.5
	CT Counties	25.9	74.1
	NJTPA Counties	25.0	75.0
	Mercer	26.2	73.8
Metro Region		26.9	73.1

Base: All weekday household members that reported student status (n=28,259), weighted.

**Table P-5  
Employment Status**

		% Full-time	% Part-time	% Not Employed
County	Manhattan	58.8	8.7	32.6
	Queens	51.1	9.2	39.7
	Bronx	44.8	9.2	45.9
	Brooklyn	43.5	10.0	46.6
	Staten Island	54.2	10.9	34.9
	Nassau	52.5	13.3	34.2
	Suffolk	52.6	15.8	31.6
	Westchester	54.1	12.3	33.6
	Rockland	51.3	14.9	33.8
	Putnam	53.7	13.6	32.7
	Orange	48.7	14.2	37.2
	Dutchess	51.8	10.0	38.3
	Bergen	55.0	11.5	33.6
	Passaic	49.5	12.9	37.7
	Hudson	55.6	9.7	34.7
	Essex	54.3	12.1	33.6
	Union	53.1	9.5	37.4
	Morris	60.4	11.4	28.2
	Somerset	56.8	10.7	32.5
	Middlesex	53.6	11.8	34.6
	Monmouth	54.5	12.2	33.3
	Ocean	44.2	9.8	46.0
	Hunterdon	57.0	11.4	31.6
	Warren	55.1	9.0	35.9
	Sussex	57.7	13.4	29.0
	Mercer	56.2	10.1	33.7
	Fairfield	56.9	14.2	28.8
New Haven	50.8	10.2	38.9	
County Groups	Manhattan	58.8	8.7	32.6
	Other NYC	47.2	9.6	43.1
	Long Island	52.5	14.6	32.9
	Mid-Hudson (NYMTC)	53.4	13.0	33.6
	Mid-Hudson (Other)	50.2	12.1	37.7
	Connecticut	54.1	12.4	33.6
	Bergen-Passaic	53.1	11.9	34.9
	Essex-Hudson-Union	54.4	10.6	35.0
	Middlesex-Morris-Somerset	56.5	11.4	32.1
	Monmouth-Ocean	49.6	11.1	39.4
	Hunterdon-Sussex-Warren	56.7	11.5	31.8
	Mercer	56.2	10.1	33.7
Regional Groups	NYC Total	49.7	9.4	40.9
	Long Island	52.5	14.6	32.9
	Mid-Hudson (all)	52.4	12.7	34.9
	Connecticut	54.1	12.4	33.6
	NJTPA	53.9	11.2	34.9
	Mercer	56.2	10.1	33.7
Political Groups	NYMTC Counties	50.8	11.1	38.1
	Other NY Counties	50.2	12.1	37.7
	CT Counties	54.1	12.4	33.6
	NJTPA Counties	53.9	11.2	34.9
	Mercer	56.2	10.1	33.7
Metro Region		52.9	11.1	35.1

Base: All weekday household members age 16+ (n=21,607), weighted.

**Table P-6  
Telecommuting Days per Week**

		% None	% 1 Day	% 2+ Days	% Other*/Don't know/Refused
County	Manhattan	74.5	6.9	12.8	5.9
	Queens	92.9	2.1	4.3	0.7
	Bronx	88.8	2.7	4.2	4.4
	Brooklyn	90.2	3.2	5.6	1.0
	Staten Island	84.4	2.2	4.7	8.7
	Nassau	85.8	2.1	4.7	7.4
	Suffolk	89.2	2.8	6.5	1.5
	Westchester	69.6	3.8	8.9	17.7
	Rockland	74.5	4.8	7.0	13.8
	Putnam	78.7	4.9	5.7	10.7
	Orange	82.4	4.5	3.2	9.9
	Dutchess	84.2	2.0	7.3	6.5
	Bergen	73.5	5.0	9.0	12.5
	Passaic	72.2	4.8	7.3	15.6
	Hudson	83.0	2.8	5.7	8.5
	Essex	68.9	3.6	7.1	20.4
	Union	76.4	5.3	6.5	11.8
	Morris	77.9	4.2	8.4	9.5
	Somerset	71.0	5.7	10.6	12.7
	Middlesex	72.0	4.5	6.1	17.4
	Monmouth	79.1	7.9	7.1	5.8
	Ocean	81.8	3.6	6.6	8.0
	Hunterdon	66.0	8.7	9.1	16.2
Warren	81.6	7.0	8.3	3.1	
Sussex	74.5	5.7	6.6	13.2	
Mercer	87.3	4.4	6.0	2.3	
Fairfield	75.2	4.2	9.5	11.1	
New Haven	34.7	3.6	7.4	54.3	
County Groups	Manhattan	74.5	6.9	12.8	5.8
	Other NYC	90.5	2.6	4.8	2.1
	Long Island	87.5	2.4	5.6	4.5
	Mid-Hudson (NYMTC)	71.3	4.1	8.3	16.3
	Mid-Hudson (Other)	83.2	3.3	5.1	8.3
	Connecticut	58.0	3.9	8.6	29.5
	Bergen-Passaic	73.1	4.9	8.5	13.5
	Essex-Hudson-Union	75.3	3.8	6.5	14.4
	Middlesex-Morris-Somerset	73.9	4.6	7.8	13.7
	Monmouth-Ocean	80.2	6.1	6.9	6.7
	Hunterdon-Sussex-Warren	73.4	7.1	7.9	11.6
Mercer	87.3	4.4	6.0	2.3	
Regional Groups	NYC Total	86.5	3.7	6.8	3.0
	Long Island	87.5	2.4	5.6	4.5
	Mid-Hudson (all)	74.9	3.9	7.3	13.9
	Connecticut	58.0	3.9	8.6	29.5
	NJTPA	75.2	4.8	7.4	12.6
	Mercer	87.3	4.4	6.0	2.3
Political Groups	NYMTC Counties	85.0	3.4	6.6	5.0
	Other NY Counties	83.2	3.3	5.1	8.3
	CT Counties	58.0	3.9	8.6	29.5
	NJTPA Counties	75.2	4.8	7.4	12.6
	Mercer	87.3	4.4	6.0	2.3
Metro Region		79.5	3.9	6.9	9.6

Base: All employed weekday household members that reported telecommuting activity (n=12,509), weighted.  
 \*\*"Other" can mean once a month.

**Table P-7  
Reported Employer-Subsidized Parking**

		% Yes	% No	% Don't Know/ Refused
County	Manhattan	9.7	77.7	12.5
	Queens	10.5	70.9	18.5
	Bronx	11.7	71.0	17.3
	Brooklyn	9.3	69.4	21.4
	Staten Island	9.6	82.1	8.3
	Nassau	14.2	73.0	12.8
	Suffolk	11.9	75.5	12.6
	Westchester	14.9	74.3	10.8
	Rockland	11.2	79.8	9.0
	Putnam	12.2	81.9	6.0
	Orange	9.8	82.7	7.5
	Dutchess	11.4	83.5	5.1
	Bergen	14.4	76.4	9.1
	Passaic	11.0	79.4	9.6
	Hudson	8.8	82.3	8.9
	Essex	9.3	77.2	13.5
	Union	12.9	81.3	5.9
	Morris	10.1	82.1	7.8
	Somerset	10.2	85.3	4.5
	Middlesex	13.2	81.7	5.1
	Monmouth	10.4	83.8	5.7
	Ocean	7.0	81.9	11.1
	Hunterdon	11.6	84.5	4.0
Warren	11.0	83.7	5.2	
Sussex	10.4	83.8	5.8	
Mercer	17.7	78.0	4.3	
Fairfield	12.1	80.4	7.6	
New Haven	8.6	84.0	7.3	
County Groups	Manhattan	9.7	77.7	12.5
	Other NYC	10.2	71.3	18.5
	Long Island	13.0	74.3	12.7
	Mid-Hudson (NYMTC)	13.9	76.0	10.1
	Mid-Hudson (Other)	10.6	83.1	6.3
	Connecticut	10.6	82.0	7.5
	Bergen-Passaic	13.3	77.4	9.3
	Essex-Hudson-Union	10.1	79.9	10.0
	Middlesex-Morris-Somerset	11.5	82.5	5.9
	Monmouth-Ocean	9.0	83.0	8.0
	Hunterdon-Sussex-Warren	10.9	84.0	5.0
	Mercer	17.7	78.0	4.3
Regional Groups	NYC Total	10.1	72.7	17.2
	Long Island	13.0	74.3	12.7
	Mid-Hudson (all)	12.9	78.2	9.0
	Connecticut	10.6	82.0	7.5
	NJTPA	11.0	80.8	8.2
	Mercer	17.7	78.0	4.3
Political Groups	NYMTC Counties	11.3	73.5	15.1
	Other NY Counties	10.6	83.1	6.3
	CT Counties	10.6	82.0	7.5
	NJTPA Counties	11.0	80.8	8.2
	Mercer	17.7	78.0	4.3
Metro Region		11.3	76.9	11.8

Base: All employed weekday household members reporting knowledge of employer- subsidized parking (n=12,145), weighted.

**Table P-8  
Number of Jobs Held**

		% With One Job	% With More than One Job
County	Manhattan	94.0	6.0
	Queens	95.9	4.1
	Bronx	94.5	5.5
	Brooklyn	92.2	7.8
	Staten Island	94.9	5.1
	Nassau	93.3	6.7
	Suffolk	93.6	6.4
	Westchester	94.4	5.6
	Rockland	93.0	7.0
	Putnam	93.4	6.6
	Orange	95.0	5.0
	Dutchess	91.8	8.2
	Bergen	94.5	5.5
	Passaic	95.6	4.4
	Hudson	94.5	5.5
	Essex	96.2	3.8
	Union	94.5	5.5
	Morris	97.0	3.0
	Somerset	95.6	4.4
	Middlesex	94.6	5.4
	Monmouth	94.9	5.1
	Ocean	95.3	4.7
Hunterdon	96.3	3.7	
Warren	96.0	4.0	
Sussex	91.5	8.5	
Mercer	93.8	6.2	
Fairfield	96.1	3.9	
New Haven	93.3	6.7	
County Groups	Manhattan	94.0	6.0
	Other NYC	94.2	5.8
	Long Island	93.4	6.6
	Mid-Hudson (NYMTC)	94.1	5.9
	Mid-Hudson (Other)	93.5	6.5
	Connecticut	94.9	5.1
	Bergen-Passaic	94.9	5.1
	Essex-Hudson-Union	95.2	4.8
	Middlesex-Morris-Somerset	95.6	4.4
	Monmouth-Ocean	95.1	4.9
	Hunterdon-Sussex-Warren	94.3	5.7
	Mercer	93.8	6.2
Regional Groups	NYC Total	94.2	5.8
	Long Island	93.4	6.6
	Mid-Hudson (all)	93.9	6.1
	Connecticut	94.9	5.1
	NJTPA	95.1	4.9
	Mercer	93.8	6.2
Political Groups	NYMTC Counties	94.0	6.0
	Other NY Counties	93.5	6.5
	CT Counties	94.9	5.1
	NJTPA Counties	95.1	4.9
	Mercer	93.8	6.2
Metro Region		95.4	5.6

Base: All employed household members that reported job count (n=13,770), weighted.

**Table P-9  
Average Weekday Person Trips by Age**

		under 18	18-45	46-64	65 or older	overall mean
County	Manhattan	2.9	3.6	3.8	2.5	3.3
	Queens	2.3	2.9	3.2	2.7	2.8
	Bronx	2.4	2.9	3.1	1.6	2.7
	Brooklyn	2.1	2.9	3.1	1.6	2.5
	Staten Island	2.8	3.3	3.5	2.3	3.1
	Nassau	2.9	3.8	3.8	3.4	3.5
	Suffolk	3.1	3.8	3.8	2.7	3.5
	Westchester	3.2	4.0	3.9	3.2	3.6
	Rockland	2.6	3.4	3.8	3.4	3.3
	Putnam	3.3	3.8	3.6	2.9	3.5
	Orange	3.0	3.8	3.6	2.9	3.4
	Dutchess	2.6	3.8	3.8	3.1	3.4
	Bergen	3.2	4.1	4.2	2.9	3.7
	Passaic	2.9	3.8	3.6	2.5	3.3
	Hudson	2.7	3.1	2.5	2.6	2.8
	Essex	2.5	3.3	3.7	2.5	3.0
	Union	2.9	3.9	3.8	3.5	3.5
	Morris	3.2	3.7	3.9	3.4	3.6
	Somerset	3.6	4.1	3.5	3.4	3.7
	Middlesex	3.0	3.5	3.6	2.4	3.2
	Monmouth	3.2	4.0	4.1	3.4	3.7
	Ocean	2.6	3.3	3.4	2.2	2.9
	Hunterdon	3.0	3.9	3.5	2.4	3.4
	Warren	3.3	3.6	3.5	2.3	3.3
	Sussex	3.0	3.5	3.6	3.1	3.3
Mercer	3.2	4.1	3.9	2.5	3.6	
Fairfield	3.0	3.8	3.8	2.9	3.4	
New Haven	2.5	3.8	3.6	3.1	3.3	
County Groups	Manhattan	2.9	3.6	3.8	2.5	3.3
	Other NYC	2.3	2.9	3.2	2.1	2.7
	Long Island	3.0	3.8	3.8	3.1	3.5
	Mid-Hudson (NYMTC)	3.1	3.9	3.9	3.2	3.5
	Mid-Hudson (Other)	2.8	3.8	3.7	3.0	3.4
	Connecticut	2.8	3.8	3.7	3.0	3.4
	Bergen-Passaic	3.1	4.0	4.0	2.8	3.5
	Essex-Hudson-Union	2.7	3.4	3.4	2.8	3.1
	Middlesex-Morris-Somerset	3.2	3.7	3.7	2.8	3.4
	Monmouth-Ocean	3.0	3.7	3.7	2.7	3.3
Hunterdon-Sussex-Warren	3.1	3.6	3.6	2.6	3.3	
Mercer	3.2	4.1	3.9	2.5	3.6	
Regional Groups	NYC Total	2.4	3.1	3.3	2.2	2.8
	Long Island	3.0	3.8	3.8	3.1	3.5
	Mid-Hudson (all)	3.0	3.9	3.8	3.2	3.5
	Connecticut	2.8	3.8	3.7	3.0	3.4
	NJTPA	3.0	3.6	3.7	2.8	3.3
	Mercer	3.2	4.1	3.9	2.5	3.6
Political Groups	NYMTC Counties	2.6	3.3	3.5	2.5	3.1
	Other NY Counties	2.8	3.8	3.7	3.0	3.4
	CT Counties	2.8	3.8	3.7	3.0	3.4
	NJTPA Counties	3.0	3.6	3.7	2.8	3.3
	Mercer	3.2	4.1	3.9	2.5	3.6
Metro Region		2.7	3.5	3.6	2.7	3.2

Base: All weekday household members that reported age (n=27,482), weighted.

**Table P-10**  
**Average Weekday Person Trips by Gender**

		Male	Female	Overall Mean
County	Manhattan	3.30	3.37	3.33
	Queens	2.81	2.80	2.80
	Bronx	2.61	2.73	2.67
	Brooklyn	2.68	2.39	2.51
	Staten Island	2.87	3.28	3.08
	Nassau	3.37	3.58	3.50
	Suffolk	3.26	3.71	3.49
	Westchester	3.57	3.65	3.61
	Rockland	3.27	3.35	3.31
	Putnam	3.44	3.59	3.51
	Orange	3.26	3.55	3.40
	Dutchess	3.26	3.52	3.38
	Bergen	3.54	3.85	3.69
	Passaic	3.09	3.40	3.25
	Hudson	2.97	2.69	2.82
	Essex	2.88	3.06	2.97
	Union	3.49	3.50	3.50
	Morris	3.39	3.70	3.55
	Somerset	3.49	3.95	3.73
	Middlesex	3.14	3.35	3.25
	Monmouth	3.60	3.73	3.66
	Ocean	2.81	2.99	2.90
	Hunterdon	3.16	3.58	3.35
	Warren	3.30	3.32	3.30
	Sussex	3.15	3.53	3.35
	Mercer	3.43	3.74	3.58
Fairfield	3.31	3.56	3.44	
New Haven	3.30	3.31	3.31	
County Groups	Manhattan	3.30	3.37	3.33
	Other NYC	2.73	2.65	2.68
	Long Island	3.31	3.65	3.49
	Mid-Hudson (NYMTC)	3.49	3.58	3.54
	Mid-Hudson (Other)	3.26	3.54	3.39
	Connecticut	3.31	3.45	3.38
	Bergen-Passaic	3.40	3.70	3.55
	Essex-Hudson-Union	3.08	3.07	3.07
	Middlesex-Morris-Somerset	3.29	3.59	3.44
	Monmouth-Ocean	3.24	3.39	3.31
	Hunterdon-Sussex-Warren	3.19	3.49	3.34
	Mercer	3.43	3.74	3.58
	Regional Groups	NYC Total	2.84	2.80
Long Island		3.31	3.65	3.49
Mid-Hudson (all)		3.42	3.57	3.49
Connecticut		3.31	3.45	3.38
NJTPA		3.24	3.42	3.33
Mercer		3.43	3.74	3.58
Political Groups	NYMTC Counties	3.03	3.09	3.06
	Other NY Counties	3.26	3.54	3.39
	CT Counties	3.31	3.45	3.38
	NJTPA Counties	3.24	3.42	3.33
	Mercer	3.43	3.74	3.58
Metro Region		3.13	3.24	3.20

Base: All weekday household members reporting gender (n=28,479), weighted.

**Table P-11  
Average Weekday Person Trips by Disability Status**

		Disabled	Not Disabled	Overall Mean
County	Manhattan	2.3	3.4	3.3
	Queens	*	2.8	2.8
	Bronx	1.2	2.8	2.7
	Brooklyn	1.4	2.6	2.5
	Staten Island	2.3	3.1	3.1
	Nassau	*	3.6	3.5
	Suffolk	3.4	3.5	3.5
	Westchester	*	3.7	3.6
	Rockland	*	3.4	3.3
	Putnam	*	3.5	3.5
	Orange	*	3.4	3.4
	Dutchess	*	3.4	3.4
	Bergen	3.6	3.7	3.7
	Passaic	*	3.3	3.3
	Hudson	2.3	2.8	2.8
	Essex	1.5	3.0	3.0
	Union	*	3.5	3.5
	Morris	*	3.6	3.6
	Somerset	*	3.8	3.7
	Middlesex	1.5	3.3	3.2
	Monmouth	*	3.7	3.7
	Ocean	*	3.0	2.9
	Hunterdon	*	3.4	3.4
	Warren	*	3.3	3.3
Sussex	*	3.4	3.3	
Mercer	*	3.6	3.6	
Fairfield	*	3.5	3.4	
New Haven	*	3.4	3.3	
County Groups	Manhattan	2.3	3.4	3.3
	Other NYC	1.6	2.7	2.7
	Long Island	2.9	3.5	3.5
	Mid-Hudson (NYMTC)	1.3	3.6	3.5
	Mid-Hudson (Other)	*	3.4	3.4
	Connecticut	*	3.4	3.4
	Bergen-Passaic	3.0	3.6	3.5
	Essex-Hudson-Union	2.1	3.1	3.1
	Middlesex-Morris-Somerset	1.5	3.5	3.4
	Monmouth-Ocean	1.8	3.4	3.3
	Hunterdon-Sussex-Warren	2.3	3.4	3.3
	Mercer	*	3.6	3.6
Regional Groups	NYC Total	1.7	2.9	2.8
	Long Island	2.9	3.5	3.5
	Mid-Hudson (all)	2.1	3.5	3.5
	Connecticut	*	3.4	3.4
	NJTPA	2.1	3.4	3.3
	Mercer	*	3.6	3.6
Political Groups	NYMTC Counties	1.9	3.1	3.1
	Other NY Counties	3.1	3.4	3.4
	CT Counties	*	3.4	3.4
	NJTPA Counties	2.1	3.4	3.3
	Mercer	*	3.6	3.6
Metro Region		2.0	3.2	3.2

Base: All weekday household members that reported disability status (n=28,238), weighted.

\* Less than 30 cases available for observation.

**Table P-12**  
**Average Weekday Person Trips by Employment Status**

		Employed Full-time	Employed Part-time	Not Employed	Overall Mean
County	Manhattan	3.7	3.9	3.0	3.3
	Queens	3.2	3.0	2.7	2.8
	Bronx	3.0	3.6	2.4	2.7
	Brooklyn	3.1	3.5	2.2	2.5
	Staten Island	3.3	4.1	2.8	3.1
	Nassau	4.0	3.9	3.2	3.5
	Suffolk	3.6	4.5	3.4	3.5
	Westchester	3.9	4.6	3.5	3.6
	Rockland	3.8	4.1	2.9	3.3
	Putnam	3.7	4.5	3.2	3.5
	Orange	3.7	4.3	3.4	3.4
	Dutchess	3.8	4.2	3.4	3.4
	Bergen	3.9	5.8	3.3	3.7
	Passaic	3.5	4.7	2.9	3.3
	Hudson	3.2	3.0	2.3	2.8
	Essex	3.4	4.0	2.7	3.0
	Union	3.8	3.8	3.8	3.5
	Morris	3.7	5.4	3.1	3.6
	Somerset	3.7	4.9	3.7	3.7
	Middlesex	3.6	4.2	2.6	3.2
	Monmouth	3.9	5.2	3.5	3.7
	Ocean	3.3	3.7	2.7	2.9
	Hunterdon	3.7	4.0	3.2	3.4
	Warren	3.6	3.7	2.8	3.3
	Sussex	3.5	4.4	3.1	3.3
	Mercer	3.9	3.9	3.2	3.6
Fairfield	3.7	3.9	3.4	3.4	
New Haven	4.1	*	2.9	3.3	
County Groups	Manhattan	3.7	3.9	3.0	3.3
	Other NYC	3.1	3.4	2.4	2.7
	Long Island	3.8	4.2	3.3	3.5
	Mid-Hudson (NYMTC)	3.9	4.5	3.3	3.5
	Mid-Hudson (Other)	3.7	4.3	3.4	3.4
	Connecticut	3.9	3.8	3.1	3.4
	Bergen-Passaic	3.8	5.4	3.2	3.5
	Essex-Hudson-Union	3.4	3.6	2.9	3.1
	Middlesex-Morris-Somerset	3.7	4.7	3.0	3.4
	Monmouth-Ocean	3.6	4.6	3.0	3.3
	Hunterdon-Sussex-Warren	3.6	4.1	3.0	3.3
	Mercer	3.9	3.9	3.2	3.6
	Regional Groups	NYC Total	3.3	3.5	2.5
Long Island		3.8	4.2	3.3	3.5
Mid-Hudson (all)		3.8	4.4	3.4	3.5
Connecticut		3.9	3.8	3.1	3.4
NJTPA		3.6	4.5	3.0	3.3
Mercer		3.9	3.9	3.2	3.6
Political Groups	NYMTC Counties	3.5	3.9	2.8	3.1
	Other NY Counties	3.7	4.3	3.4	3.4
	CT Counties	3.9	3.8	3.1	3.4
	NJTPA	3.6	4.5	3.0	3.3
	Mercer	3.9	3.9	3.2	3.6
Metro Region		3.5	4.0	2.9	3.2

Base: All weekday household members age 16+ (n=21,607), weighted.

\*Less than 30 cases available for observation.

**Table P-13**  
**Average Weekday Person Trips and Person Miles**

		Person Trips	Person Miles
County	Manhattan	3.33	14.25
	Queens	2.80	21.97
	Bronx	2.67	16.93
	Brooklyn	2.51	15.30
	Staten Island	3.08	24.65
	Nassau	3.50	31.90
	Suffolk	3.49	40.81
	Westchester	3.61	31.04
	Rockland	3.31	32.50
	Putnam	3.51	50.90
	Orange	3.40	40.66
	Dutchess	3.38	44.17
	Bergen	3.69	36.22
	Passaic	3.25	28.68
	Hudson	2.82	21.03
	Essex	2.97	24.55
	Union	3.50	30.78
	Morris	3.55	40.41
	Somerset	3.73	37.18
	Middlesex	3.25	31.88
	Monmouth	3.66	42.28
	Ocean	2.90	39.72
	Hunterdon	3.35	45.11
	Warren	3.30	48.98
Sussex	3.35	45.40	
Mercer	3.58	33.03	
Fairfield	3.44	53.84	
New Haven	3.31	26.31	
County Groups	Manhattan	3.33	14.25
	Other NYC	2.68	18.62
	Long Island	3.49	36.61
	Mid-Hudson (NYMTC)	3.54	32.70
	Mid-Hudson (Other)	3.39	42.32
	Connecticut	3.38	41.78
	Bergen-Passaic	3.55	33.82
	Essex-Hudson-Union	3.07	25.28
	Middlesex-Morris-Somerset	3.44	35.88
	Monmouth-Ocean	3.31	41.19
	Hunterdon-Sussex-Warren	3.34	46.26
	Mercer	3.58	33.03
Regional Groups	NYC Total	2.81	17.64
	Long Island	3.49	36.61
	Mid-Hudson (all)	3.49	35.58
	Connecticut	3.38	41.78
	NJTPA	3.33	36.22
	Mercer	3.58	33.03
Political Groups	NYMTC Counties	3.06	14.25
	Other NY Counties	3.39	42.32
	CT Counties	3.38	41.78
	NJTPA Counties	3.33	36.22
	Mercer	3.58	33.03
Metro Region		3.19	29.47

Base: All weekday household members reporting travel (n=28,562), weighted.

**Table P-14**  
**Average Weekday Person Miles by Disability Status**

		Disabled	Overall
County	Manhattan	12.6	14.2
	Queens	*	22.0
	Bronx	6.0	16.9
	Brooklyn	16.2	15.3
	Staten Island	19.4	24.6
	Nassau	*	31.9
	Suffolk	40.7	40.8
	Westchester	12.1	31.0
	Rockland	*	32.5
	Putnam	*	50.9
	Orange	*	40.7
	Dutchess	*	44.2
	Bergen	28.8	36.2
	Passaic	*	28.7
	Hudson	14.9	21.0
	Essex	16.4	24.6
	Union	*	30.8
	Morris	*	40.4
	Somerset	*	37.2
	Middlesex	37.3	31.9
	Monmouth	*	42.3
	Ocean	*	39.7
	Hunterdon	*	45.1
Warren	*	49.0	
Sussex	*	45.4	
Mercer	*	33.0	
Fairfield	*	53.8	
New Haven	*	26.3	
County Groups	Manhattan	12.6	14.2
	Other NYC	15.7	18.6
	Long Island	36.1	36.6
	Mid-Hudson (NYMTC)	18.8	32.7
	Mid-Hudson (Other)	*	42.3
	Connecticut	*	41.8
	Bergen-Passaic	30.1	33.8
	Essex-Hudson-Union	24.8	25.3
	Middlesex-Morris-Somerset	33.9	35.9
	Monmouth-Ocean	31.2	41.2
	Hunterdon-Sussex-Warren	31.0	46.3
Mercer	*	33.0	
Regional Groups	NYC Total	15.0	17.6
	Long Island	36.1	36.6
	Mid-Hudson (all)	25.3	35.6
	Connecticut	*	41.8
	NJTPA	29.3	36.2
	Mercer	*	33.0
Political Groups	NYMTC Counties	20.5	14.2
	Other NY Counties	*	42.3
	CT Counties	*	41.8
	NJTPA Counties	29.3	36.2
	Mercer	*	33.0
Metro Region		26.3	29.5

Base: All weekday household members that reported disability status (n=22,288), weighted.

\*Less than 30 cases available for observation.

## Section 3 – Trip Data Tables

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A total of 91,415 weekday trips to 55,349 locations were recorded by 28,562 household members, when the data are weighted. Also included in the data file are 28,562 anchor records, to record the starting location of each respondent. This anchor record (also referred to as Place 1) serves as the origin for the first trip recorded by each respondent in the travel diary.

The diary collected information about all places visited during the specified 24-hour diary period by all members of completed households, including location type, activities, mode usage, and travel of other household members.

Trip information presented in the tables that follow include departure times, trip purpose, travel mode, vehicle occupancy, and trip duration and trip distance as they relate to income, gender, ethnicity, etc.

**Table T-1  
Departure Times by Trip Purpose**

		Work Trip (Categories total to 100%)				Non-Work Trip (Categories total to 100%)			
		6AM-10AM	10AM-4PM	4PM-8PM	8PM-6AM	6AM-10AM	10AM-4PM	4PM-8PM	8PM-6AM
County	Manhattan	32.0	31.5	29.4	7.1	19.4	38.4	28.1	14.1
	Queens	36.2	26.3	29.2	8.2	21.1	34.3	27.0	17.6
	Bronx	32.2	28.6	26.9	12.3	23.5	42.2	25.2	9.1
	Brooklyn	34.4	28.7	28.0	8.9	22.8	38.1	25.8	13.3
	Staten Island	35.5	27.1	28.1	9.3	23.8	39.1	25.4	11.6
	Nassau	32.2	29.9	29.2	8.6	18.3	38.9	28.8	14.0
	Suffolk	31.7	31.6	25.9	10.8	23.0	39.6	25.0	12.4
	Westchester	35.1	31.3	27.5	6.1	22.3	40.4	26.3	11.0
	Rockland	34.4	32.5	25.6	7.5	19.8	41.8	27.0	11.3
	Putnam	37.4	27.5	29.1	5.9	22.1	42.1	26.5	9.3
	Orange	34.5	32.0	24.9	8.7	22.6	42.0	23.7	11.6
	Dutchess	34.0	32.6	24.7	8.8	23.7	42.4	23.8	10.1
	Bergen	34.4	31.6	28.0	6.0	22.4	38.8	27.4	11.4
	Passaic	34.5	24.2	31.4	9.9	23.9	36.5	26.4	13.2
	Hudson	36.5	23.7	30.8	9.0	24.8	36.8	25.8	12.6
	Essex	35.1	26.5	30.2	8.2	26.1	36.9	26.8	10.1
	Union	35.2	28.2	28.9	7.7	25.9	39.1	25.0	9.9
	Morris	33.0	31.4	28.4	7.1	25.2	36.6	26.4	11.9
	Somerset	34.5	29.5	30.3	5.7	23.0	40.9	27.4	8.7
	Middlesex	35.0	29.8	28.0	7.2	21.7	38.3	27.7	12.3
	Monmouth	32.1	34.2	26.9	6.8	22.5	39.5	28.9	9.1
Ocean	33.0	28.5	28.4	10.1	23.8	44.2	24.5	7.6	
Hunterdon	33.6	32.9	26.6	7.0	22.1	38.6	30.9	8.4	
Warren	33.8	30.4	24.4	11.4	24.1	38.5	28.6	8.8	
Sussex	35.1	30.6	26.1	8.1	22.7	40.0	29.7	7.5	
Mercer	34.2	29.7	28.1	8.0	22.7	35.3	32.0	9.9	
Fairfield	35.2	28.7	27.9	8.2	25.5	43.1	23.8	7.5	
New Haven	36.4	31.8	24.9	7.0	19.7	40.0	29.7	10.7	
County Groups	Manhattan	32.0	31.5	29.4	7.1	19.4	38.4	28.1	14.1
	Other NYC	34.7	27.7	28.3	9.3	22.4	37.6	26.1	13.9
	Long Island	32.0	30.8	27.6	9.7	20.8	39.3	26.8	13.2
	Mid-Hudson (NYMTC)	35.1	31.3	27.2	6.4	21.8	40.8	26.4	11.0
	Mid-Hudson (Other)	34.2	32.3	24.8	8.7	23.1	42.2	23.8	10.9
	Connecticut	35.7	30.1	26.6	7.7	22.9	41.7	26.5	9.0
	Bergen-Passaic	34.4	29.5	29.0	7.2	22.9	38.1	27.1	11.9
	Hudsn-Essex-Union	35.5	26.1	30.0	8.3	25.7	37.6	25.9	10.7
	Mdlsx-Morris-Somrst	34.2	30.3	28.6	6.9	23.2	38.3	27.2	11.3
	Monmouth-Ocean	32.5	31.9	27.5	8.1	23.0	41.4	27.1	8.5
	Huntrdn-Susx-Warren	34.2	31.4	25.8	8.6	22.9	39.1	29.8	8.2
Mercer	34.2	29.7	28.1	8.0	22.7	35.3	32.0	9.9	
Regional Groups	NYC Total	33.9	28.8	28.6	8.7	21.7	37.8	26.5	14.0
	Long Island	32.0	30.8	27.6	9.7	20.8	39.3	26.8	13.2
	Mid-Hudson (all)	34.9	31.6	26.5	7.1	22.2	41.2	25.6	11.0
	Connecticut	35.7	30.1	26.6	7.7	22.9	41.7	26.5	9.0
	NJTPA	34.3	29.3	28.7	7.7	23.7	38.7	27.0	10.6
	Mercer	34.2	29.7	28.1	8.0	22.7	35.3	32.0	9.9
Political Groups	NYMTC Counties	33.5	29.7	28.1	8.7	21.5	38.6	26.6	13.4
	Other NY Counties	34.2	32.3	24.8	8.7	23.1	42.2	23.8	10.9
	CT Counties	35.7	30.1	26.6	7.7	22.9	41.7	26.5	9.0
	NJTPA Counties	34.3	29.3	28.7	7.7	23.7	38.7	27.0	10.6
	Mercer	34.2	29.7	28.1	8.0	22.7	35.3	32.0	9.9
Metro Region	34.0	29.7	28.1	8.2	22.4	39.0	26.7	12.0	

**Table T-2  
Trip Purpose**

		% Home	% Work	% School	% Social/Visit/ Recreation	% Other*
County	Manhattan	9.7	17.6	6.8	38.9	27.1
	Queens	13.9	13.7	7.1	37.9	27.4
	Bronx	8.5	13.1	8.0	37.2	33.1
	Brooklyn	10.8	13.1	8.1	39.1	28.8
	Staten Island	10.4	14.8	7.8	38.4	28.5
	Nassau	11.0	16.1	4.8	36.9	31.2
	Suffolk	9.9	14.7	6.9	37.4	31.2
	Westchester	11.8	14.4	7.0	34.6	32.2
	Rockland	8.7	15.8	7.5	37.4	30.7
	Putnam	8.2	15.9	6.6	37.8	31.6
	Orange	10.1	14.8	6.7	38.8	29.6
	Dutchess	9.4	15.7	6.1	36.1	32.7
	Bergen	11.8	15.3	6.7	35.9	30.3
	Passaic	12.1	14.2	6.9	37.6	29.2
	Hudson	10.9	16.9	7.9	37.9	26.4
	Essex	11.3	16.1	7.8	35.2	29.6
	Union	12.4	14.1	5.1	33.8	34.7
	Morris	11.0	17.6	6.8	35.0	29.5
	Somerset	12.2	15.2	6.0	34.5	32.1
	Middlesex	10.2	17.0	6.6	36.0	30.2
Monmouth	9.5	13.8	7.2	38.0	31.6	
Ocean	9.5	14.9	7.4	38.3	29.9	
Hunterdon	9.0	17.4	6.8	36.7	30.1	
Warren	7.9	15.7	7.9	37.3	31.2	
Sussex	9.5	16.9	7.2	34.5	31.9	
Mercer	9.9	15.3	6.8	36.7	31.4	
Fairfield	10.5	16.3	8.4	36.1	28.7	
New Haven	12.3	16.4	6.1	37.0	28.2	
County Groups	Manhattan	9.7	17.6	6.8	38.9	27.1
	Other NYC	11.4	13.5	7.7	38.1	29.3
	Long Island	10.4	15.3	5.9	37.2	31.1
	Mid-Hudson (NYMTC)	10.9	14.8	7.1	35.3	31.9
	Mid-Hudson (Other)	9.8	15.2	6.4	37.5	31.1
	Connecticut	11.3	16.4	7.4	36.5	28.5
	Bergen-Passaic	11.9	15.0	6.7	36.4	30.0
	Hudsn-Essex-Union	11.5	15.7	7.0	35.5	30.2
	Mdlsx-Morris-Somrst	10.9	16.8	6.6	35.3	30.4
	Monmouth-Ocean	9.5	14.3	7.3	38.1	30.9
	Huntrdn-Susx-Warren	8.9	16.7	7.3	36.0	31.1
Mercer	9.9	15.3	6.8	36.7	31.4	
Regional Groups	NYC Total	11.0	14.4	7.5	38.3	28.8
	Long Island	10.4	15.3	5.9	37.2	31.1
	Mid-Hudson (all)	10.5	14.9	6.9	36.0	31.7
	Connecticut	11.3	16.4	7.4	36.5	28.5
	NJTPA	10.9	15.6	6.9	36.2	30.3
	Mercer	9.9	15.3	6.8	36.7	31.4
Political Groups	NYMTC Counties	10.9	14.7	7.0	37.6	29.8
	Other NY Counties	9.8	15.2	6.4	37.5	31.1
	CT Counties	11.3	16.4	7.4	36.5	28.5
	NJTPA Counties	10.9	15.6	6.9	36.2	30.3
	Mercer	9.9	15.3	6.8	36.7	31.4
Metro Region	10.9	15.2	7.0	37.0	30.0	

Base: All weekday household trips (n=91,415), weighted.

\*Other includes personal business, shopping, serving passenger, and other.

**Table T-3  
Trip Purpose by Mode Categories**

County		Work Trips			Non-Work Trips		
		% Auto	% Transit	% Other	% Auto	% Transit	% Other
Manhattan		3.3	15.1	15.2	7.1	18.4	40.9
Queens		10.4	12.1	4.0	40.5	13.9	19.1
Bronx		10.9	11.6	3.7	28.0	17.0	28.8
Brooklyn		8.0	12.6	5.3	28.4	17.4	28.1
Staten Island		19.7	6.3	3.0	53.0	9.0	9.2
Nassau		23.2	4.4	2.8	57.8	4.4	7.3
Suffolk		24.8	1.5	1.1	62.2	6.3	4.1
Westchester		19.5	4.2	3.4	58.4	6.3	8.1
Rockland		26.8	1.6	1.7	57.2	9.1	3.6
Putnam		25.0	2.5	0.9	60.6	6.9	4.1
Orange		24.0	1.5	2.0	60.6	7.3	4.6
Dutchess		26.8	0.9	1.2	61.3	6.0	3.8
Bergen		23.0	2.8	2.2	63.3	2.2	6.4
Passaic		24.1	2.2	1.2	63.1	2.3	7.3
Hudson		17.4	9.7	5.8	35.2	9.1	22.8
Essex		23.0	5.3	2.8	52.8	4.9	11.2
Union		21.1	3.9	1.4	65.0	2.5	6.1
Morris		30.5	1.5	1.4	58.1	4.9	3.6
Somerset		26.6	0.8	1.3	62.7	5.7	2.9
Middlesex		27.5	2.2	1.5	57.2	6.0	5.6
Monmouth		22.2	2.0	1.5	61.6	7.3	5.3
Ocean		25.4	0.8	1.0	57.5	9.4	5.8
Hunterdon		29.2	1.1	1.5	60.3	5.2	2.7
Warren		28.5	0.4	1.0	59.1	5.7	5.3
Sussex		29.8	0.3	0.6	58.2	7.7	3.4
Mercer		26.1	1.4	1.6	60.4	5.2	5.4
Fairfield		26.3	2.1	1.5	60.5	6.2	3.3
New Haven		27.5	0.1	0.7	61.6	4.3	5.8
County Groups	Manhattan	3.3	15.1	15.2	7.1	18.4	40.9
	Other NYC	10.3	11.7	4.4	34.6	15.4	23.5
	Long Island	24.0	2.9	1.9	60.1	5.4	5.7
	Mid-Hudson (NYMTC)	21.3	3.6	2.9	58.3	6.9	6.9
	Mid-Hudson (Other)	25.3	1.2	1.7	60.9	6.7	4.2
	Connecticut	26.9	1.2	1.1	61.0	5.3	4.5
	Bergen-Passaic	23.3	2.6	1.9	63.3	2.3	6.6
	Hudsn-Essex-Union	20.9	6.1	3.2	51.8	5.3	12.8
	Mdlsx-Morris-Somrst	28.4	1.7	1.4	58.7	5.6	4.3
	Monmouth-Ocean	23.5	1.5	1.3	60.0	8.2	5.5
	Huntrdn-Susx-Warren	29.2	0.6	0.9	59.1	6.4	3.7
	Mercer	26.1	1.4	1.6	60.4	5.2	5.4
Regional Groups	NYC Total	9.0	13.0	7.0	28.0	16.0	28.0
	Long Island	24.0	3.0	2.0	60.0	5.0	6.0
	Mid-Hudson (all)	23.0	3.0	3.0	59.0	7.0	6.0
	Connecticut	27.0	1.0	1.0	61.0	5.0	4.0
	NJTPA	24.0	3.0	2.0	58.0	5.0	7.0
	Mercer	26.0	1.0	2.0	60.0	5.0	5.0
Political Groups	NYMTC Counties	15.0	9.0	5.0	41.0	12.0	19.0
	Other NY Counties	25.0	1.0	2.0	61.0	7.0	4.0
	CT Counties	27.0	1.0	1.0	61.0	5.0	4.0
	NJTPA Counties	24.0	3.0	2.0	58.0	5.0	7.0
	Mercer	26.0	1.0	2.0	60.0	5.0	5.0
Metro Region		19.0	6.0	4.0	49.0	9.0	13.0

Base: All weekday household trips (n=91,415), weighted.

**Table T-4  
Mode Category by Trip Purpose  
(each purpose=100%)**

		Work			Non-Work		
		% Auto	% Transit	% Other	% Auto	% Transit	% Other
County	Manhattan	9.8	45.1	45.1	10.7	27.7	61.6
	Queens	39.4	45.4	15.2	55.1	18.9	26.0
	Bronx	41.6	44.2	14.2	37.9	23.1	39.0
	Brooklyn	31.0	48.5	20.5	38.4	23.6	38.0
	Staten Island	68.0	21.8	10.1	74.5	12.6	12.9
	Nassau	76.1	14.6	9.3	83.1	6.4	10.6
	Suffolk	90.5	5.5	4.0	85.7	8.7	5.6
	Westchester	71.8	15.7	12.6	80.1	8.7	11.2
	Rockland	89.1	5.2	5.7	81.8	13.1	5.1
	Putnam	87.9	8.5	3.6	84.5	9.8	5.7
	Orange	87.4	5.4	7.2	83.5	10.1	6.4
	Dutchess	92.5	3.2	4.4	86.3	8.4	5.3
	Bergen	82.0	10.0	8.0	88.0	3.1	8.9
	Passaic	87.8	7.9	4.3	86.9	3.1	10.0
	Hudson	53.0	29.4	17.5	52.4	13.6	34.0
	Essex	74.0	17.1	8.9	76.7	7.0	16.3
	Union	80.0	14.6	5.4	88.3	3.4	8.2
	Morris	91.4	4.5	4.1	87.2	7.4	5.4
	Somerset	92.7	2.8	4.6	87.9	8.0	4.1
	Middlesex	88.1	7.1	4.8	83.1	8.7	8.2
	Monmouth	86.5	7.8	5.7	83.0	9.8	7.2
	Ocean	93.3	2.8	3.8	79.1	13.0	8.0
	Hunterdon	91.8	3.6	4.6	88.2	7.6	4.1
	Warren	95.4	1.6	3.1	84.2	8.2	7.5
Sussex	97.3	0.9	1.8	83.9	11.2	5.0	
Mercer	89.8	4.7	5.5	85.1	7.3	7.6	
Fairfield	87.8	7.2	5.1	86.4	8.9	4.7	
New Haven	97.0	0.5	2.5	86.0	5.9	8.1	
County Groups	Manhattan	9.8	45.1	45.1	10.7	27.7	61.6
	Other NYC	39.1	44.4	16.5	47.0	21.0	32.0
	Long Island	83.2	10.1	6.7	84.5	7.6	7.9
	Mid-Hudson (NYMTC)	76.6	12.9	10.4	80.8	9.6	9.6
	Mid-Hudson (Other)	89.9	4.3	5.8	84.8	9.3	5.9
	Connecticut	91.8	4.2	3.9	86.2	7.5	6.3
	Bergen-Passaic	83.7	9.4	7.0	87.7	3.1	9.2
	Hudsn-Essex-Union	69.4	20.1	10.5	74.2	7.6	18.3
	Mdlx-Morris-Somrst	90.2	5.3	4.5	85.6	8.1	6.3
	Monmouth-Ocean	89.3	5.8	4.9	81.4	11.1	7.5
	Huntrdn-Susx-Warren	94.9	2.0	3.1	85.4	9.2	5.4
	Mercer	89.8	4.7	5.5	85.1	7.3	7.6
Regional Groups	NYC Total	30.7	44.6	24.7	38.9	22.5	38.6
	Long Island	83.2	10.1	6.7	84.5	7.6	7.9
	Mid-Hudson (all)	80.7	10.3	9.0	82.0	9.5	8.5
	Connecticut	91.8	4.2	3.9	86.2	7.5	6.3
	NJTPA	83.1	10.2	6.7	82.2	7.4	10.4
	Mercer	89.8	4.7	5.5	85.1	7.3	7.6
Political Groups	NYMTC Counties	51.4	30.8	17.8	56.9	16.7	26.4
	Other NY Counties	89.9	4.3	5.8	84.8	9.3	5.9
	CT Counties	91.8	4.2	3.9	86.2	7.5	6.3
	NJTPA Counties	83.1	10.2	6.7	82.2	7.4	10.4
	Mercer	89.8	4.7	5.5	85.1	7.3	7.6
Metro Region		67.2	20.4	12.4	68.8	12.6	18.6

Base: All weekday household trips (n=91,415), weighted.

**Table T-5  
Travel Modes, all Purposes**

		% Auto	% Rail or Ferry	% Bus	% Shared Ride/Taxi	% Walk/non Motorized
County	Manhattan	10.5	22.6	10.8	6.6	49.5
	Queens	50.0	17.3	8.8	1.0	22.9
	Bronx	38.3	16.5	12.1	4.3	28.8
	Brooklyn	35.8	18.3	11.9	2.0	32.0
	Staten Island	72.3	5.1	10.3	1.1	11.3
	Nassau	80.3	5.3	3.9	0.5	9.9
	Suffolk	87.1	1.9	5.7	0.9	4.4
	Westchester	78.3	4.9	5.6	1.3	9.9
	Rockland	83.8	0.9	9.9	0.4	5.0
	Putnam	85.1	2.9	6.8	0.2	5.0
	Orange	84.4	0.9	7.9	0.7	6.0
	Dutchess	88.1	0.7	6.0	0.5	4.6
	Bergen	86.0	1.1	4.1	0.5	8.2
	Passaic	86.9	0.3	4.2	0.1	8.5
	Hudson	51.3	9.4	9.8	1.5	28.0
	Essex	76.7	3.7	5.8	0.4	13.4
	Union	86.0	3.2	3.4	0.7	6.7
	Morris	88.4	1.2	5.3	0.4	4.6
	Somerset	89.0	0.6	6.4	0.4	3.6
	Middlesex	84.9	2.3	5.7	0.7	6.4
	Monmouth	83.5	1.6	8.4	0.7	5.8
	Ocean	82.8	0.2	10.1	0.5	6.4
	Hunterdon	89.8	0.5	5.5	0.2	4.0
	Warren	87.4	0.4	6.1	0.6	5.5
	Sussex	88.1	0.1	7.8	0.1	3.8
	Mercer	86.4	1.3	5.1	0.5	6.8
	Fairfield	86.2	2.7	5.8	0.5	4.8
New Haven	89.3	0.0	4.6	0.5	5.5	
County Groups	Manhattan	10.5	22.6	10.8	6.6	49.5
	Other NYC	44.2	16.6	10.7	2.0	26.5
	Long Island	83.9	3.5	4.9	0.7	7.1
	Mid-Hudson (NYMTC)	79.9	4.0	6.5	1.1	8.6
	Mid-Hudson (Other)	86.2	0.8	7.0	0.7	5.3
	Connecticut	87.6	1.5	5.3	0.5	5.1
	Bergen-Passaic	86.2	0.9	4.2	0.4	8.3
	Hudsn-Essex-Union	72.3	5.2	6.2	0.8	15.6
	Mdlsx-Morris-Somrst	87.0	1.5	5.7	0.5	5.2
	Monmouth-Ocean	83.2	1.0	9.1	0.6	6.1
	Huntrdn-Susx-Warren	88.5	0.3	6.6	0.2	4.3
Mercer	86.4	1.3	5.1	0.5	6.8	
Regional Groups	NYC Total	36.5	18.0	10.7	3.0	31.8
	Long Island	83.9	3.5	4.9	0.7	7.1
	Mid-Hudson (all)	81.8	3.0	6.7	0.9	7.6
	Connecticut	87.6	1.5	5.3	0.5	5.1
	NJTPA	82.1	2.2	6.2	0.6	8.9
	Mercer	86.4	1.3	5.1	0.5	6.8
Political Groups	NYMTC Counties	54.6	12.3	8.6	2.2	22.3
	Other NY Counties	86.2	0.8	7.0	0.7	5.3
	CT Counties	87.6	1.5	5.3	0.5	5.1
	NJTPA Counties	82.1	2.2	6.2	0.6	8.9
	Mercer,NJ	86.4	1.3	5.1	0.5	6.8
Metro Region		67.7	7.6	7.5	1.4	15.7

Note: **Auto** includes auto (driver & passenger) and motorcycle.  
**Rail or Ferry** includes ferry, commuter rail, PATH, subway, and LRT  
**Bus** includes local, express, charter and school bus  
**Shared Ride/Taxi** includes taxi, jitney, gypsy cab, black car, intercity transit, airport service, contract bus, shuttle van, and group ride  
**Walk/non-Motorized** includes walking, bicycle, wheelchair, skates, and other

**Table T-6  
Categorized Travel Modes**

		% Auto	% Transit	% Other
County	Manhattan	10.5	33.4	56.1
	Queens	50.0	26.2	23.8
	Bronx	38.3	28.6	33.1
	Brooklyn	35.8	30.3	34.0
	Staten Island	72.2	15.4	12.4
	Nassau	80.3	9.3	10.5
	Suffolk	87.1	7.6	5.3
	Westchester	78.3	10.5	11.2
	Rockland	83.8	10.9	5.3
	Putnam	85.5	9.5	5.0
	Orange	84.5	8.8	6.7
	Dutchess	88.1	6.7	5.1
	Bergen	86.0	5.3	8.8
	Passaic	86.9	4.5	8.6
	Hudson	51.3	19.2	29.6
	Essex	76.6	9.5	13.8
	Union	86.0	6.6	7.4
	Morris	88.4	6.5	5.1
	Somerset	89.0	7.0	4.0
	Middlesex	84.9	8.0	7.1
	Monmouth	83.5	9.9	6.5
	Ocean	82.8	10.3	6.9
	Hunterdon	89.7	6.2	4.2
Warren	87.4	6.5	6.1	
Sussex	88.1	7.9	4.0	
Mercer	86.4	6.3	7.2	
Fairfield	86.2	8.5	5.3	
New Haven	89.3	4.7	6.0	
County Groups	Manhattan	10.5	33.4	56.1
	Other NYC	44.2	27.3	28.5
	Long Island	83.9	8.4	7.8
	Mid-Hudson (NYMTC)	79.9	10.5	9.6
	Mid-Hudson (Other)	86.2	7.8	6.0
	Connecticut	87.6	6.8	5.6
	Bergen-Passaic	86.2	5.0	8.7
	Hudsn-Essex-Union	72.3	11.4	16.3
	Mdlsx-Morris-Somrst	87.0	7.3	5.7
	Monmouth-Ocean	83.2	10.1	6.7
	Huntrdn-Susx-Warren	88.5	6.9	4.6
Mercer	86.4	6.3	7.2	
Regional Groups	NYC Total	36.5	28.7	34.8
	Long Island	83.9	8.4	7.8
	Mid-Hudson (all)	81.8	9.7	8.5
	Connecticut	87.6	6.8	5.6
	NJTPA	82.1	8.4	9.5
	Mercer	86.4	6.3	7.2
Political Groups	NYMTC Counties	54.6	21.0	24.4
	Other NY Counties	86.2	7.8	6.0
	CT Counties	87.6	6.8	5.6
	NJTPA Counties	82.1	8.4	9.5
	Mercer,NJ	86.4	6.3	7.2
Metro Region		67.7	15.1	17.2

Note: **Auto** includes auto (driver & passenger) and motorcycle.  
**Transit** includes ferry, commuter rail, PATH, subway, LRT, local, express, charter, and school buses  
**Other** includes taxi, group ride, bicycle, skates, wheelchair, walking, and other

**Table T-7  
Categorized Travel Mode by Age Groups (each mode = 100%)**

County		AUTO				TRANSIT				OTHER			
		% Under 18	% 18 to 45	% 46 to 64	% 65+	% Under 18	% 18 to 45	% 46 to 64	% 65+	% Under 18	% 18 to 45	% 46 to 64	% 65+
County	Manhattan	15.9	49.7	26.5	7.9	20.9	51.1	21.6	6.4	18.1	51.1	23.7	7.1
	Queens	16.4	47.5	22.9	13.2	21.0	56.1	18.5	4.4	35.5	35.5	20.9	8.0
	Bronx	18.1	48.8	25.7	7.4	20.9	60.0	15.8	3.3	38.6	41.4	15.2	4.8
	Brooklyn	20.1	46.0	27.5	6.4	27.1	51.5	17.2	4.2	35.0	45.4	15.4	4.2
	Staten Island	18.3	49.0	25.7	7.1	44.4	37.7	15.1	2.8	32.8	39.7	17.9	9.6
	Nassau	13.8	45.0	27.8	13.4	36.0	42.2	18.9	2.9	30.7	44.8	12.9	11.6
	Suffolk	19.6	47.5	26.0	6.9	73.9	19.4	5.7	1.0	45.8	34.5	15.8	4.0
	Westchester	22.0	43.0	24.1	10.9	37.9	38.4	18.4	5.4	35.0	35.5	18.0	11.5
	Rockland	12.8	43.2	31.9	12.1	80.3	10.2	9.5	0.0	23.9	46.3	22.4	7.5
	Putnam	20.3	41.7	28.3	9.7	65.0	25.0	7.5	2.5	36.4	50.0	9.1	4.5
	Orange	18.6	48.6	24.0	8.8	78.4	16.0	5.6	0.0	32.0	43.0	20.0	5.0
	Dutchess	14.1	45.4	26.9	13.7	81.3	6.3	10.0	2.5	28.8	39.4	28.8	3.0
	Bergen	21.3	42.8	26.3	9.6	31.4	45.0	20.2	3.3	36.3	34.1	19.1	10.5
	Passaic	21.1	49.3	19.2	10.4	36.5	50.6	9.4	3.5	54.5	14.1	21.8	9.6
	Hudson	18.7	56.2	17.3	7.8	12.4	72.9	11.3	3.4	36.6	46.2	8.4	8.8
	Essex	19.1	47.0	24.0	9.9	27.8	50.8	16.3	5.1	39.0	37.7	16.8	6.5
	Union	20.5	42.3	23.5	13.7	24.2	60.2	14.3	1.2	40.2	34.3	11.2	14.2
	Morris	23.3	43.5	26.9	6.4	74.1	14.2	10.5	1.2	40.8	35.8	16.7	6.7
	Somerset	21.4	48.6	20.0	10.0	83.3	11.1	5.6	0.0	35.5	40.3	14.5	9.7
	Middlesex	18.2	49.1	22.2	10.6	56.5	27.8	12.5	3.2	34.3	45.4	9.7	10.6
	Monmouth	20.7	48.0	20.9	10.4	68.2	21.9	5.5	4.5	38.9	38.4	12.8	9.9
	Ocean	12.7	45.4	26.1	15.8	85.5	6.5	4.2	3.7	33.6	40.7	11.4	14.3
	Hunterdon	19.8	44.6	30.2	5.4	77.8	11.1	5.6	5.6	28.0	40.0	32.0	0.0
	Warren	19.7	47.6	22.7	10.0	93.1	6.9	0.0	0.0	55.2	27.6	6.9	10.3
	Sussex	16.0	42.6	32.8	8.7	92.5	3.8	1.9	1.9	38.5	26.9	23.1	11.5
	Mercer	19.7	43.8	27.3	9.2	68.0	21.4	6.8	3.9	39.7	37.9	13.8	8.6
	Fairfield	19.1	43.2	27.8	9.8	61.3	21.4	15.3	1.9	34.2	35.1	24.2	6.5
	New Haven	14.6	46.9	23.8	14.7	92.7	2.4	1.8	3.0	27.8	34.9	24.5	12.7
County	Manhattan	15.9	49.7	26.5	7.9	20.9	51.1	21.6	6.4	18.1	51.1	23.7	7.1
Groups	Other NYC	18.0	47.5	25.1	9.4	24.5	54.2	17.3	4.0	35.9	41.4	17.1	5.7
	Long Island	17.0	46.4	26.8	9.8	54.2	31.3	12.6	2.0	36.3	41.0	14.0	8.7
	Mid-Hudson (NYMTC)	20.0	42.9	26.0	11.0	48.3	31.7	15.8	4.2	33.9	37.2	18.0	10.9
	Mid-Hudson (Other)	16.4	47.1	25.3	11.1	79.5	12.2	7.3	1.0	30.3	41.8	23.6	4.2
	Connecticut	17.1	44.9	26.0	12.0	71.2	15.5	11.1	2.3	31.1	35.1	24.3	9.5
	Bergen-Passaic	21.2	44.7	24.2	9.8	32.9	46.3	17.4	3.4	41.2	28.6	19.9	10.3
	Hudsn-Essex-Union	19.5	47.2	22.5	10.8	19.7	63.2	13.5	3.6	37.9	41.6	11.8	8.6
	Mdlsx-Morris-Somrst	20.7	47.0	23.3	9.0	67.2	20.0	10.6	2.1	36.6	41.7	12.4	9.3
	Monmouth-Ocean	17.5	47.0	23.0	12.6	75.2	15.6	5.0	4.2	36.7	39.4	12.2	11.7
	Huntrdn-Susx-Warren	18.3	44.7	29.1	7.9	88.9	6.0	2.6	2.6	41.3	31.3	20.0	7.5
	Mercer	19.7	43.8	27.3	9.2	68.0	21.4	6.8	3.9	39.7	37.9	13.8	8.6
Regional	NYC Total	17.9	47.6	25.2	9.3	23.6	53.3	18.4	4.7	29.3	45.0	19.5	6.2
Groups	Long Island	17.0	46.4	26.8	9.8	54.2	31.3	12.6	2.0	36.3	41.0	14.0	8.7
	Mid-Hudson (all)	18.8	44.3	25.8	11.1	55.6	27.1	13.8	3.5	33.1	38.2	19.2	9.5
	Connecticut	17.1	44.9	26.0	12.0	71.2	15.5	11.1	2.3	31.1	35.1	24.3	9.5
	NJTPA	19.8	46.3	23.7	10.2	47.6	38.2	10.9	3.3	38.4	38.2	13.9	9.5
	Mercer	19.7	43.8	27.3	9.2	68.0	21.4	6.8	3.9	39.7	37.9	13.8	8.6
Political	NYMTC Counties	17.9	46.2	26.0	9.8	28.4	49.6	17.7	4.4	30.1	44.3	19.0	6.6
Groups	Other NY Counties	16.4	47.1	25.3	11.1	79.5	12.2	7.3	1.0	30.3	41.8	23.6	4.2
	CT Counties	17.1	44.9	26.0	12.0	71.2	15.5	11.1	2.3	31.1	35.1	24.3	9.5
	NJTPA Counties	19.8	46.3	23.7	10.2	47.6	38.2	10.9	3.3	38.4	38.2	13.9	9.5
	Mercer,NJ	19.7	43.8	27.3	9.2	68.0	21.4	6.8	3.9	39.7	37.9	13.8	8.6
Metro Region		18.5	46.1	25.1	10.3	34.7	45.4	15.9	4.0	31.7	42.9	18.3	7.2

Base: All weekday household trips where respondent also reported age (n=88,685), weighted.

**Table T-8  
Travel Mode by Gender**

County		AUTO		TRANSIT		OTHER	
		% Male	% Female	% Male	% Female	% Male	% Female
Manhattan		52.8	47.2	49.0	51.0	44.7	55.3
Queens		51.2	48.8	49.4	50.6	46.2	53.8
Bronx		48.5	51.5	43.7	56.3	36.6	63.4
Brooklyn		55.8	44.2	43.6	56.4	45.7	54.3
Staten Island		44.8	55.2	51.2	48.8	44.0	56.0
Nassau		41.9	58.1	58.3	41.7	51.3	48.7
Suffolk		45.0	55.0	63.0	37.0	47.5	52.5
Westchester		46.4	53.6	55.9	44.1	53.3	46.7
Rockland		48.8	51.2	42.6	57.4	44.1	55.9
Putnam		46.5	53.5	46.5	53.5	31.8	68.2
Orange		44.8	55.2	62.8	37.2	57.6	42.4
Dutchess		48.0	52.0	65.1	34.9	48.5	51.5
Bergen		46.0	54.0	63.0	37.0	56.0	44.0
Passaic		45.5	54.5	47.1	52.9	48.5	51.5
Hudson		56.1	43.9	51.3	48.7	44.3	55.7
Essex		47.1	52.9	53.3	46.7	42.3	57.7
Union		48.3	51.7	63.6	36.4	63.3	36.7
Morris		44.1	55.9	56.4	43.6	48.4	51.6
Somerset		44.2	55.8	52.3	47.7	49.2	50.8
Middlesex		47.1	52.9	53.6	46.4	50.0	50.0
Monmouth		46.4	53.6	59.8	40.2	54.4	45.6
Ocean		48.3	51.7	57.6	42.4	45.6	54.4
Hunterdon		46.2	53.8	56.8	43.2	48.0	52.0
Warren		47.4	52.6	53.1	46.9	44.8	55.2
Sussex		46.4	53.6	55.6	44.4	51.9	48.1
Mercer		44.8	55.2	55.1	44.9	52.5	47.5
Fairfield		43.5	56.5	62.8	37.2	69.7	30.3
New Haven		48.2	51.8	58.2	41.8	51.4	48.6
County Groups	Manhattan	52.8	47.2	49.0	51.0	44.7	55.3
	Other NYC	51.3	48.7	45.9	54.1	43.7	56.3
	Long Island	43.6	56.4	60.5	39.5	50.0	50.0
	Mid-Hudson (NYMTC)	46.9	53.1	52.6	47.4	51.5	48.5
	Mid-Hudson (Other)	46.3	53.7	63.4	36.6	53.9	46.1
	Connecticut	45.6	54.4	61.5	38.5	61.0	39.0
	Bergen-Passaic	45.9	54.1	58.7	41.3	53.8	46.2
	Hudsn-Essex-Union	49.3	50.7	54.1	45.9	46.2	53.8
	Mdlx-Morris-Somrst	45.4	54.6	54.1	45.9	49.5	50.5
	Monmouth-Ocean	47.1	52.9	58.9	41.1	50.7	49.3
	Huntrdn-Susx-Warren	46.6	53.4	55.3	44.7	48.1	51.9
	Mercer	44.8	55.2	55.1	44.9	52.5	47.5
Regional Groups	NYC Total	51.4	48.6	46.7	53.3	44.1	55.9
	Long Island	43.6	56.4	60.5	39.5	50.0	50.0
	Mid-Hudson (all)	46.7	53.3	55.3	44.7	52.1	47.9
	Connecticut	45.6	54.4	61.5	38.5	61.0	39.0
	NJTPA	46.9	53.1	55.8	44.2	48.9	51.1
	Mercer	44.8	55.2	55.1	44.9	52.5	47.5
Political Groups	NYMTC Counties	47.4	52.6	48.6	51.4	48.6	51.4
	Other NY Counties	46.3	53.7	63.4	36.6	63.4	36.6
	CT Counties	45.6	54.4	61.5	38.5	61.5	38.5
	NJTPA Counties	46.9	53.1	55.8	44.2	55.8	44.2
	Mercer,NJ	44.8	55.2	55.1	44.9	55.1	44.9
Metro Region		46.9	53.1	50.7	49.3	50.7	49.3

Base: All weekday household trips where respondent also reported gender (n=91,208), weighted.

**Table T-9  
Travel Mode by Income**

County		AUTO				TRANSIT				OTHER			
		% < \$25K	% \$25 - 50K	% \$50 - 75K	% > \$75K	% < \$25K	% \$25 - 50K	% \$50 - 75K	% > \$75K	% < \$25K	% \$25 - 50K	% \$50 - 75K	% > \$75K
Manhattan		12.6	23.2	14.7	49.5	19.3	20.6	18.9	41.3	18.8	19.4	17.6	44.2
Queens		15.5	28.7	23.0	32.8	26.4	32.1	16.5	25.0	31.6	33.8	17.4	17.3
Bronx		28.9	18.3	31.3	21.5	47.8	31.4	11.3	9.4	50.6	25.0	14.8	9.5
Brooklyn		16.9	29.8	20.4	32.9	43.2	25.1	13.0	18.6	42.7	29.8	14.8	12.8
Staten Island		9.0	17.4	26.8	46.8	14.3	21.0	22.8	42.0	31.0	23.0	14.4	31.6
Nassau		10.6	15.1	19.6	54.8	11.7	7.7	16.6	63.9	22.3	9.1	17.4	51.2
Suffolk		6.5	16.3	23.8	53.3	8.4	14.8	30.4	46.4	12.3	12.3	18.9	56.5
Westchester		5.9	14.0	13.8	66.4	15.0	13.0	13.8	58.2	11.8	15.8	18.1	54.2
Rockland		8.5	16.7	17.9	56.9	11.0	13.2	22.0	53.8	12.2	24.4	24.4	39.0
Putnam		8.0	12.5	24.7	54.8	17.9	7.1	28.6	46.4	5.9	17.6	17.6	58.8
Orange		18.5	23.0	23.7	34.8	9.7	34.0	26.2	30.1	21.6	17.6	16.2	44.6
Dutchess		9.8	31.1	34.0	25.1	6.2	35.4	33.8	24.6	28.3	20.8	34.0	17.0
Bergen		5.2	18.7	20.9	55.3	1.8	14.3	12.0	71.9	8.0	18.6	13.2	60.2
Passaic		13.3	28.8	28.2	29.7	21.9	18.8	25.0	34.4	55.4	19.8	5.0	19.8
Hudson		24.2	33.3	22.1	20.5	31.1	24.4	18.4	26.1	37.2	25.2	17.8	19.8
Essex		14.4	15.9	14.8	55.0	24.8	18.7	16.7	39.8	46.7	16.7	10.9	25.7
Union		9.3	20.2	19.3	51.3	33.6	10.2	10.9	45.3	15.5	15.5	21.7	47.3
Morris		2.4	10.0	18.0	69.5	0.0	1.6	24.6	73.8	30.4	14.8	8.7	46.1
Somerset		5.5	12.7	19.4	62.4	17.6	4.4	14.3	63.7	3.6	14.3	25.0	57.1
Middlesex		12.4	24.1	24.6	38.8	6.6	27.7	24.7	41.0	33.1	16.6	24.5	25.8
Monmouth		6.9	16.4	22.1	54.5	9.1	7.4	19.1	64.3	20.1	21.5	15.4	43.0
Ocean		10.9	22.2	30.2	36.7	8.5	9.8	52.3	29.4	22.2	21.3	8.3	48.1
Hunterdon		3.2	11.2	20.9	64.8	0.0	11.1	37.0	51.9	30.4	34.8	4.3	30.4
Warren		14.5	15.3	29.3	40.8	8.0	8.0	16.0	68.0	25.9	22.2	29.6	22.2
Sussex		4.1	19.7	28.5	47.8	4.4	28.9	22.2	44.4	21.1	31.6	26.3	21.1
Mercer		12.4	20.9	19.9	46.8	23.9	10.2	19.3	46.6	14.3	18.1	19.0	48.6
Fairfield		10.4	17.5	23.3	48.8	24.3	7.1	20.1	48.5	6.2	7.9	20.8	65.2
New Haven		11.3	25.6	23.4	39.8	4.5	19.2	16.7	59.6	17.9	45.3	19.0	17.9
County Groups	Manhattan	12.6	23.2	14.7	49.5	19.3	20.6	18.9	41.3	18.8	19.4	17.6	44.2
	Other NYC	17.6	25.7	24.2	32.5	37.3	28.6	14.3	19.9	41.0	29.6	15.5	14.0
	Long Island	8.4	15.8	21.8	54.0	10.2	11.0	23.0	55.9	18.5	10.4	18.0	53.2
	Mid-Hudson (NYMTC)	6.5	14.4	15.3	63.8	14.3	13.0	15.8	57.0	11.6	16.5	18.8	53.1
	Mid-Hudson (Other)	14.6	26.7	28.4	30.3	8.3	34.5	29.2	28.0	24.4	18.9	23.6	33.1
	Connecticut	10.9	21.6	23.3	44.2	16.9	11.5	18.8	52.7	12.3	26.5	19.8	41.3
	Bergen-Passaic	7.5	21.6	23.0	47.8	6.5	15.1	14.7	63.8	20.0	19.0	11.1	49.9
	Hudsn-Essex-Union	14.5	20.7	17.7	47.1	29.3	19.6	16.3	34.8	38.0	20.6	15.7	25.8
	Mdlsx-Morris-Somrst	7.3	16.5	21.1	55.1	7.0	13.8	22.1	57.0	27.4	15.7	19.0	38.0
	Monmouth-Ocean	8.5	18.7	25.3	47.5	8.9	8.3	32.3	50.5	20.7	21.5	12.5	45.3
	Huntrdn-Susx-Warren	6.7	15.7	26.3	51.3	3.1	18.6	24.7	53.6	25.0	29.4	20.6	25.0
	Mercer	12.4	20.9	19.9	46.8	23.9	10.2	19.3	46.6	14.3	18.1	19.0	48.6
Regional Groups	NYC Total	17.2	25.5	23.5	33.7	32.7	26.6	15.4	25.3	32.7	25.8	16.3	25.3
	Long Island	8.4	15.8	21.8	54.0	10.2	11.0	23.0	55.9	18.5	10.4	18.0	53.2
	Mid-Hudson (all)	8.9	18.1	19.2	53.7	13.0	18.2	19.0	49.9	14.1	17.0	19.7	49.2
	Connecticut	10.9	21.6	23.3	44.2	16.9	11.5	18.8	52.7	12.3	26.5	19.8	41.3
	NJTPA	9.2	19.0	21.9	49.8	15.4	15.3	21.1	48.3	29.7	19.8	15.0	35.5
	Mercer	12.4	20.9	19.9	46.8	23.9	10.2	19.3	46.6	14.3	18.1	19.0	48.6
Political Groups	NYMTC Counties	11.6	19.5	21.3	47.7	29.2	24.1	16.2	30.5	30.4	24.0	16.5	29.0
	Other NY Counties	14.6	26.7	28.4	30.3	8.3	34.5	29.2	28.0	24.4	18.9	23.6	33.1
	CT Counties	10.9	21.6	23.3	44.2	16.9	11.5	18.8	52.7	12.3	26.5	19.8	41.3
	NJTPA Counties	9.2	19.0	21.9	49.8	15.4	15.3	21.1	48.3	29.7	19.8	15.0	35.5
	Mercer	12.4	20.9	19.9	46.8	23.9	10.2	19.3	46.6	14.3	18.1	19.0	48.6
Metro Region		10.8	19.9	22.0	47.4	25.9	22.1	17.4	34.6	29.6	23.3	16.5	30.7

Base: All weekday household trips where respondent also reported income (n=72,427), weighted.

**Table T-10**  
**Average Weekday Trip Duration and Trip Distance**

		Duration (minutes)	Distance (miles)
County	Manhattan	25.8	3.7
	Queens	32.2	6.0
	Bronx	29.0	4.9
	Brooklyn	30.7	4.5
	Staten Island	26.1	6.7
	Nassau	22.5	7.8
	Suffolk	21.9	10.2
	Westchester	21.1	7.5
	Rockland	21.5	8.3
	Putnam	23.4	12.7
	Orange	21.6	10.2
	Dutchess	22.6	11.1
	Bergen	18.8	8.3
	Passaic	20.3	7.3
	Hudson	25.9	6.1
	Essex	22.6	6.5
	Union	20.4	7.4
	Morris	20.1	9.9
	Somerset	19.1	9.0
	Middlesex	21.9	8.3
	Monmouth	20.8	10.3
	Ocean	22.3	11.2
	Hunterdon	23.0	11.7
Warren	22.9	12.8	
Sussex	23.5	11.6	
Mercer	19.2	8.2	
Fairfield	21.3	13.6	
New Haven	19.2	6.5	
County Groups	Manhattan	25.8	3.7
	Other NYC	30.6	5.3
	Long Island	22.2	9.0
	Mid-Hudson (NYMTC)	21.3	8.0
	Mid-Hudson (Other)	22.1	10.7
	Connecticut	20.4	10.5
	Bergen-Passaic	19.2	8.0
	Hudsn-Essex-Union	22.8	6.7
	Mdlsx-Morris-Somrst	20.7	9.0
	Monmouth-Ocean	21.4	10.7
	Huntrdn-Susx-Warren	23.1	11.9
Mercer	19.2	8.2	
Regional Groups	NYC Total	29.4	4.9
	Long Island	22.2	9.0
	Mid-Hudson (all)	21.6	8.8
	Connecticut	20.4	10.5
	NJTPA	21.2	8.6
	Mercer	19.2	8.2
Political Groups	NYMTC Counties	26.4	6.4
	Other NY Counties	22.1	10.7
	CT Counties	20.4	10.5
	NJTPA Counties	21.2	8.6
	Mercer	19.2	8.2
Metro Region		23.9	7.6

Base: All weekday trips (n=91,415), weighted.

**Table T-11**  
**Average Weekday Trip Duration by Gender (in minutes)**

		Male	Female	Overall Mean
County	Manhattan	26.8	25.0	25.8
	Queens	36.7	29.7	32.2
	Bronx	31.2	27.3	29.0
	Brooklyn	29.9	31.4	30.7
	Staten Island	30.1	22.8	26.1
	Nassau	26.4	19.3	22.5
	Suffolk	26.2	18.2	21.9
	Westchester	22.7	19.6	21.1
	Rockland	23.2	19.9	21.5
	Putnam	25.7	21.4	23.4
	Orange	24.7	18.8	21.6
	Dutchess	24.4	20.8	22.6
	Bergen	21.9	16.0	18.8
	Passaic	22.3	18.6	20.3
	Hudson	26.5	25.2	25.9
	Essex	24.9	20.5	22.6
	Union	23.1	17.7	20.4
	Morris	23.6	17.1	20.1
	Somerset	21.5	17.1	19.1
	Middlesex	25.9	18.3	21.9
	Monmouth	23.5	18.2	20.8
Ocean	25.2	19.6	22.3	
Hunterdon	26.2	20.1	23.0	
Warren	26.6	19.5	22.9	
Sussex	27.7	19.7	23.5	
Mercer	21.2	17.5	19.2	
Fairfield	23.5	19.5	21.3	
New Haven	20.0	18.4	19.2	
County Groups	Manhattan	26.8	25.0	25.8
	Other NYC	31.9	29.3	30.6
	Long Island	23.3	18.7	22.2
	Mid-Hudson (NYMTC)	23.0	19.8	21.3
	Mid-Hudson (Other)	24.6	19.7	22.1
	Connecticut	21.9	19.0	20.4
	Bergen-Passaic	22.0	16.8	19.2
	Hudsn-Essex-Union	24.8	20.9	22.8
	Mdlsx-Morris-Somrst	24.2	17.6	20.7
	Monmouth-Ocean	24.2	18.8	21.4
	Huntrdn-Susx-Warren	26.9	19.8	23.1
Mercer	21.2	17.5	19.2	
Regional Groups	NYC Total	30.7	28.2	29.4
	Long Island	23.3	18.7	22.2
	Mid-Hudson (all)	23.5	19.8	21.6
	Connecticut	21.9	19.0	20.4
	NJTPA	24.0	18.6	21.2
	Mercer	21.2	17.5	19.2
Political Groups	NYMTC Counties	28.5	24.5	26.4
	Other NY Counties	24.6	19.7	22.1
	Connecticut	21.9	19.0	20.4
	NJTPA	24.0	18.6	21.2
	Mercer	21.2	17.5	19.2
Metro Region		26.2	21.9	23.9

Base: All weekday trips where respondents also reported gender (n=91,208), weighted.

**Table T-12**  
**Average Weekday Trip Duration by Household Ethnicity (in minutes)**

		Black	White	Asian	Hispanic	Other	Overall Mean
County	Manhattan	30.1	24.3	24.7	29.2	27.4	25.8
	Queens	34.0	27.7	35.2	46.5	31.5	32.2
	Bronx	31.5	25.6	32.6	28.3	28.6	29.0
	Brooklyn	35.1	28.0	30.2	28.9	31.4	30.7
	Staten Island	33.3	25.5	31.0	27.6	26.1	26.1
	Nassau	29.2	21.6	24.3	25.1	29.9	22.5
	Suffolk	28.5	21.3	37.2	29.4	31.2	21.9
	Westchester	28.4	20.4	30.3	21.6	18.8	21.1
	Rockland	22.8	20.8	24.4	26.9	19.4	21.5
	Putnam	*	23.1	*	*	*	23.4
	Orange	29.2	20.3	*	36.6	23.8	21.6
	Dutchess	23.8	22.6	*	*	*	22.6
	Bergen	20.9	18.9	14.6	22.7	19.1	18.8
	Passaic	17.8	19.6	25.3	22.4	*	20.3
	Hudson	25.9	25.2	25.3	27.1	26.9	25.9
	Essex	28.4	19.4	23.9	24.3	35.2	22.6
	Union	21.8	19.8	18.4	25.2	26.5	20.4
	Morris	19.6	19.9	30.9	20.2	16.9	20.1
	Somerset	19.3	19.0	16.5	*	20.7	19.1
	Middlesex	21.9	20.6	30.8	18.5	28.6	21.9
Monmouth	15.5	20.9	21.2	*	28.5	20.8	
Ocean	17.1	22.5	*	28.0	18.3	22.3	
Hunterdon	*	27.0	*	*	*	23.0	
Warren	*	22.3	*	*	*	22.9	
Sussex	*	23.3	*	*	*	23.5	
Mercer	21.5	19.2	*	13.1	*	19.2	
Fairfield	20.9	21.2	32.7	22.2	22.3	21.3	
New Haven	28.3	19.3	23.5	12.5	*	19.2	
County Groups	Manhattan	30.1	24.3	24.7	29.2	27.4	25.8
	Other NYC	33.8	27.3	33.7	33.7	30.8	30.6
	Long Island	29.0	21.4	26.1	26.4	30.4	22.2
	Mid-Hudson (NYMTC)	27.5	20.7	27.7	22.7	19.2	21.3
	Mid-Hudson (Other)	27.0	21.4	*	28.5	34.4	22.1
	Connecticut	22.5	20.3	26.4	17.9	22.3	20.4
	Bergen-Passaic	19.6	19.1	17.1	22.5	20.5	19.2
	Hudsn-Essex-Union	26.5	20.8	23.6	26.0	29.2	22.8
	Mdlsx-Morris-Somrst	21.1	20.0	28.7	19.3	23.3	20.7
	Monmouth-Ocean	16.1	21.5	21.1	30.4	23.1	21.4
	Huntrdn-Susx-Warren	*	23.0	*	*	*	23.1
Mercer	21.5	19.2	*	13.1	*	19.2	
Regional Groups	NYC Total	33.2	26.4	31.9	32.8	30.2	29.4
	Long Island	29.0	21.4	26.1	26.4	30.4	22.2
	Mid-Hudson (all)	27.4	20.9	25.8	23.9	21.7	21.6
	Connecticut	22.5	20.3	26.4	17.9	22.3	20.4
	NJTPA	23.9	20.5	23.5	24.2	25.4	21.2
	Mercer	21.5	19.2	*	13.1	*	19.2
Political Groups	NYMTC Counties	32.5	23.7	30.8	31.4	28.9	26.4
	Other NY Counties	27.0	21.4	15.8	28.5	34.4	22.1
	CT Counties	22.5	20.3	26.4	17.9	22.3	20.4
	NJTPA Counties	23.9	20.5	23.5	24.2	25.4	21.2
	Mercer	21.5	19.2	*	13.1	*	19.2
Metro Region		29.7	22.0	28.1	28.9	27.6	23.9

Base: All weekday trips where respondents also reported ethnicity (n=88,854), weighted.

\*Less than 30 cases available for observation.

**Table T-13**  
**Average Weekday Trip Duration by Income (in minutes)**

		Below \$25K	\$25 - 49K	\$50 - 74K	\$75 - 99K	\$100 - 149k	\$150 +
County	Manhattan	24.2	25.7	24.7	24.1	24.0	26.3
	Queens	31.3	30.3	43.3	30.6	36.4	36.9
	Bronx	29.8	31.3	24.9	24.3	*	*
	Brooklyn	33.1	28.9	27.2	32.6	31.1	32.9
	Staten Island	24.8	25.8	26.1	24.2	31.7	22.7
	Nassau	22.6	24.4	23.7	21.6	22.2	20.0
	Suffolk	17.2	19.8	19.9	19.8	24.1	25.3
	Westchester	23.4	21.0	23.5	21.1	18.2	20.5
	Rockland	18.3	23.9	21.5	21.8	20.4	21.5
	Putnam	22.6	28.0	20.6	25.9	21.5	19.3
	Orange	26.0	18.5	19.7	20.7	20.6	*
	Dutchess	22.4	23.8	21.6	26.5	22.4	26.1
	Bergen	16.4	19.6	18.1	19.0	18.8	21.2
	Passaic	19.6	19.7	23.8	20.0	16.4	25.0
	Hudson	27.8	25.2	24.6	24.9	29.0	31.0
	Essex	21.1	27.2	24.0	23.1	16.6	34.2
	Union	24.4	16.3	18.4	21.6	26.3	18.9
	Morris	21.9	18.7	19.3	21.7	18.7	21.0
	Somerset	15.9	20.0	19.3	15.3	20.8	21.5
	Middlesex	17.3	23.6	21.3	22.9	20.2	23.5
	Monmouth	20.0	19.4	18.6	20.4	22.4	23.8
	Ocean	22.4	24.7	21.0	28.3	21.2	21.2
	Hunterdon	17.5	18.3	21.5	26.9	24.9	23.8
	Warren	17.2	22.5	19.3	25.4	28.3	36.5
	Sussex	20.2	21.7	21.9	23.7	23.9	31.6
	Mercer	16.9	18.7	18.9	19.7	18.6	26.2
	Fairfield	25.1	19.0	18.3	18.2	19.0	24.5
	New Haven	15.0	17.7	17.0	28.7	18.3	19.7
County Groups	Manhattan	24.2	25.7	24.7	24.1	24.0	26.3
	Other NYC	31.5	29.7	32.5	29.5	31.8	32.3
	Long Island	20.5	21.9	21.6	20.6	23.1	22.4
	Mid-Hudson (NYMTC)	25.8	21.9	22.8	21.6	18.7	20.6
	Mid-Hudson (Other)	24.8	21.3	20.7	22.5	21.1	25.4
	Connecticut	20.2	18.2	17.7	24.0	18.8	23.3
	Bergen-Passaic	18.2	19.6	20.0	19.2	18.4	21.6
	Hudsn-Essex-Union	24.1	23.3	22.3	22.8	20.1	26.0
	Mdlsx-Morris-Somrst	17.8	21.9	20.2	20.8	19.7	21.6
	Monmouth-Ocean	22.2	20.1	20.4	22.7	22.0	23.3
	Huntrdn-Susx-Warren	18.0	21.1	21.0	25.0	25.4	28.0
	Mercer	16.9	18.7	18.9	19.7	18.6	26.2
Regional Groups	NYC Total	30.3	28.9	30.7	28.1	29.2	28.8
	Long Island	20.5	21.9	21.6	20.6	23.1	22.4
	Mid-Hudson (all)	25.4	21.6	21.9	21.8	19.1	20.9
	Connecticut	20.2	18.2	17.7	24.0	18.8	23.3
	NJTPA	21.3	21.4	20.7	21.5	20.3	23.3
	Mercer	16.9	18.7	18.9	19.7	18.6	26.2
Political Groups	NYMTC Counties	28.6	26.8	26.9	24.6	24.3	25.2
	Other NY Counties	24.8	21.3	20.7	22.5	21.1	25.4
	CT Counties	20.2	18.2	17.7	24.0	18.8	23.3
	NJTPA	21.3	21.4	20.7	21.5	20.3	23.3
	Mercer	16.9	18.7	18.9	19.7	18.6	26.2
Metro Region	25.9	23.9	23.5	23.3	22.2	24.5	

Base: All weekday trips where respondents also reported income (n=72,427), weighted.

\*Less than 30 cases available for observation.

**Table T-14**  
**Average Weekday Trip Duration by Mode (in minutes)**

		Auto	Rail or Ferry	Bus	Shared Ride/ Taxi	Walk/ Other	
County	Manhattan	33.7	40.8	38.1	31.5	13.8	
	Queens	28.6	62.6	42.6	37.8	12.2	
	Bronx	24.5	61.8	42.3	18.6	11.9	
	Brooklyn	25.8	56.7	46.5	34.4	15.0	
	Staten Island	21.5	80.6	42.1	68.1	12.2	
	Nassau	19.4	87.9	26.7	67.2	11.4	
	Suffolk	19.8	131.1	23.8	44.2	10.0	
	Westchester	18.2	63.9	35.7	38.8	12.9	
	Rockland	20.6	*	28.7	49.9	7.8	
	Putnam	21.5	*	*	*	*	
	Orange	19.4	*	37.9	72.9	12.7	
	Dutchess	21.4	105.8	32.2	64.3	12.1	
	Bergen	17.1	69.7	49.8	*	12.9	
	Passaic	19.3	*	46.9	*	15.4	
	Hudson	24.6	53.5	42.5	*	12.2	
	Essex	20.3	74.9	39.7	*	11.9	
	Union	18.5	64.0	40.7	*	11.8	
	Morris	19.0	87.9	25.8	*	13.7	
	Somerset	18.2	*	29.7	*	7.6	
	Middlesex	19.5	101.4	34.1	*	12.8	
	Monmouth	18.9	55.5	38.0	*	11.3	
	Ocean	22.2	*	28.1	*	8.0	
	Hunterdon	22.1	*	30.7	*	*	
	Warren	22.4	*	29.3	*	12.7	
	Sussex	23.5	*	26.0	*	12.0	
	Mercer	17.5	*	28.4	*	11.6	
	Fairfield	18.0	91.7	31.4	*	9.2	
	New Haven	19.6	*	22.8	*	8.9	
County Groups	Manhattan	33.7	40.8	38.1	31.5	13.8	
	Other NYC	26.2	60.4	44.1	30.4	13.4	
	Long Island	19.6	100.4	24.9	52.7	11.0	
	Mid-Hudson (NYMTC)	18.9	66.4	33.2	40.1	12.2	
	Mid-Hudson (Other)	20.4	105.5	35.6	69.5	12.4	
	Connecticut	18.8	92.4	28.2	138.6	9.0	
	Bergen-Passaic	17.7	71.1	48.9	*	13.6	
	Hudsn-Essex-Union	20.5	62.1	41.0	47.0	12.0	
	Mdlsx-Morris-Somrst	19.0	98.2	30.4	36.0	12.3	
	Monmouth-Ocean	20.2	65.3	33.5	58.4	10.0	
	Huntrdn-Susx-Warren	22.7	*	28.4	*	12.2	
	Mercer	17.5	*	28.4	*	11.6	
	Regional Groups	NYC Total	26.7	54.5	42.6	31.0	13.6
		Long Island	19.6	100.4	24.9	52.7	11.0
Mid-Hudson (all)		19.4	69.6	34.0	46.3	12.2	
Connecticut		18.8	92.4	28.2	138.6	9.0	
NJTPA		19.5	70.1	36.9	49.6	12.2	
Mercer		17.5	*	28.4	*	11.6	
Political Groups	NYMTC Counties	22.3	58.5	38.8	33.5	13.3	
	Other NY Counties	20.4	105.5	35.6	*	12.4	
	CT Counties	18.8	92.4	28.2	138.6	9.0	
	NJTPA Counties	19.5	70.1	36.9	49.6	12.2	
	Mercer	17.5	99.7	28.4	*	11.6	
Metro Region		20.6	60.4	37.4	40.0	12.9	

Note: **Auto** includes auto (driver & passenger) and motorcycle.  
**Rail or Ferry** includes ferry, commuter rail, PATH, subway, and LRT  
**Bus** includes local, express, charter and school buses  
**Shared Ride/Taxi** includes taxi, jitney, gypsy cab, black car, intercity transit, airport service, contract bus, shuttle van, and group ride  
**Walk/Other** includes walking, bicycle, skates, wheelchair, and other

**Table T-15**  
**Average Weekday Trip Duration by Categorized Mode (in Minutes)**

		Auto	Transit	Other	Overall Mean
County	Manhattan	33.7	39.9	15.9	25.8
	Queens	28.6	56.0	13.3	32.2
	Bronx	24.5	53.6	12.7	29.0
	Brooklyn	25.8	52.8	16.1	30.7
	Staten Island	21.5	55.2	17.1	26.1
	Nassau	19.4	60.8	14.2	22.5
	Suffolk	19.8	49.1	15.4	21.9
	Westchester	18.2	48.3	15.9	21.1
	Rockland	20.6	33.9	10.7	21.5
	Putnam	21.5	46.7	11.9	23.4
	Orange	19.4	44.4	19.7	21.6
	Dutchess	21.4	40.3	18.0	22.6
	Bergen	17.1	54.1	15.1	18.8
	Passaic	19.3	49.0	15.4	20.3
	Hudson	24.6	47.9	13.8	25.9
	Essex	20.3	53.4	12.3	22.6
	Union	18.5	51.9	16.4	20.4
	Morris	19.0	37.3	18.1	20.1
	Somerset	18.2	36.5	10.9	19.1
	Middlesex	19.5	54.1	13.3	21.9
Monmouth	18.9	40.5	17.4	20.8	
Ocean	22.2	30.8	10.2	22.3	
Hunterdon	22.1	37.1	20.7	23.0	
Warren	22.4	33.6	17.9	22.9	
Sussex	23.5	27.0	15.1	23.5	
Mercer	17.5	41.1	19.8	19.2	
Fairfield	18.0	48.9	33.1	21.3	
New Haven	19.6	23.7	10.1	19.2	
County Groups	Manhattan	33.7	39.9	15.9	25.8
	Other NYC	26.2	54.2	14.6	30.6
	Long Island	19.6	55.1	14.6	22.2
	Mid-Hudson (NYMTC)	18.9	45.3	15.2	21.3
	Mid-Hudson (Other)	20.4	42.7	19.0	22.1
	Connecticut	18.8	41.3	21.0	20.4
	Bergen-Passaic	17.7	52.7	15.2	19.2
	Hudsn-Essex-Union	20.5	50.6	13.7	22.8
	Mdlsx-Morris-Somrst	19.0	45.5	14.4	20.7
	Monmouth-Ocean	20.2	36.4	14.5	21.4
Huntrdn-Susx-Warren	22.7	31.8	17.9	23.1	
Mercer	17.5	41.1	19.8	19.2	
Regional Groups	NYC Total	26.7	26.7	50.2	29.4
	Long Island	19.6	55.1	14.6	22.2
	Mid-Hudson (all)	19.4	44.7	16.0	21.6
	Connecticut	18.8	41.3	21.0	20.4
	NJTPA	19.5	45.7	14.4	21.2
	Mercer	17.5	41.1	19.8	19.2
Political Groups	NYMTC Counties	22.3	22.3	50.4	26.4
	Other NY Counties	20.4	42.7	19.0	22.1
	CT Counties	18.8	41.3	21.0	20.4
	NJTPA Counties	19.5	45.7	14.4	21.2
	Mercer	17.5	41.1	19.8	19.2
Metro Region		21.0	49.0	15.2	23.9

Base: All weekday household trips (n=91,415), weighted.  
\*Less than 30 cases available for observation.

**Table T-16**  
**Average Weekday Trip Duration by Trip Purpose (in Minutes)**

		Home	Work	School	Social/Visit/ Recreation	Other*	Overall Mean
County	Manhattan	30.2	27.8	24.2	27.2	21.3	25.8
	Queens	33.8	39.3	30.2	32.8	27.5	32.2
	Bronx	25.6	40.5	25.4	31.7	22.9	29.0
	Brooklyn	31.7	39.7	27.2	32.6	24.3	30.7
	Staten Island	23.1	37.7	25.0	28.8	17.9	26.1
	Nassau	19.1	33.6	17.8	24.5	16.4	22.5
	Suffolk	17.3	30.7	23.5	25.4	14.7	21.9
	Westchester	18.6	31.4	18.6	22.3	16.6	21.1
	Rockland	18.6	29.7	20.2	23.5	15.9	21.5
	Putnam	22.2	34.7	25.0	23.0	18.3	23.4
	Orange	21.1	29.7	24.6	22.7	15.5	21.6
	Dutchess	24.1	25.9	25.5	24.6	17.7	22.6
	Bergen	17.4	28.9	14.4	19.9	14.1	18.8
	Passaic	17.2	27.5	16.5	20.4	18.7	20.3
	Hudson	28.4	33.0	18.8	26.9	21.1	25.9
	Essex	22.1	32.3	19.3	24.8	15.6	22.6
	Union	19.3	31.1	14.1	21.0	16.9	20.4
	Morris	21.4	27.6	21.4	20.2	14.8	20.1
	Somerset	18.5	25.6	22.4	20.1	14.5	19.1
	Middlesex	21.1	28.9	19.8	22.4	18.2	21.9
	Monmouth	17.9	32.6	19.3	21.6	15.9	20.8
	Ocean	30.5	30.5	22.4	21.5	16.6	22.3
	Hunterdon	26.4	30.3	21.5	23.3	17.7	23.0
	Warren	24.7	36.4	20.7	22.6	16.4	22.9
	Sussex	26.9	33.6	22.6	23.9	16.9	23.5
Mercer	20.5	26.5	17.2	19.1	15.7	19.2	
Fairfield	21.2	29.1	17.6	20.6	19.1	21.3	
New Haven	16.4	22.0	14.7	23.4	14.4	19.2	
County Groups	Manhattan	30.2	27.8	24.2	27.2	21.3	25.8
	Other NYC	31.2	39.5	27.7	32.2	24.6	30.6
	Long Island	18.2	32.2	21.3	25.0	15.5	22.2
	Mid-Hudson (NYMTC)	18.8	31.2	19.3	22.6	16.6	21.3
	Mid-Hudson (Other)	22.5	27.8	25.0	23.6	16.6	22.1
	Connecticut	18.8	25.9	16.5	21.9	17.0	20.4
	Bergen-Passaic	17.3	28.5	15.0	20.1	15.4	19.2
	Hudsn-Essex-Union	22.7	32.2	18.0	24.2	17.4	22.8
	Mdlsx-Morris-Somrst	20.6	27.8	20.9	21.2	16.2	20.7
	Monmouth-Ocean	23.0	31.7	20.6	21.6	16.1	21.4
	Huntrdn-Susx-Warren	26.2	33.2	21.7	23.3	17.0	23.1
	Mercer	20.5	26.5	17.2	19.1	15.7	19.2
Regional Groups	NYC Total	31.0	36.1	26.9	31.0	23.9	29.4
	Long Island	18.2	32.2	21.3	25.0	15.5	22.2
	Mid-Hudson (all)	19.8	30.2	21.0	22.9	16.6	21.6
	Connecticut	18.8	25.9	16.5	21.9	17.0	20.4
	NJTPA	21.0	30.2	18.7	21.9	16.4	21.2
	Mercer	20.5	26.5	17.2	19.1	15.7	19.2
Political Groups	NYMTC Counties	26.0	34.4	24.5	28.3	20.4	26.4
	Other NY Counties	22.5	27.8	25.0	23.6	16.6	22.1
	CT Counties	18.8	25.9	16.5	21.9	17.0	20.4
	NJTPA Counties	21.0	30.2	18.7	21.9	16.4	21.2
	Mercer	20.5	26.5	17.2	19.1	15.7	19.2
Metro Region		23.6	31.9	21.8	25.5	18.6	23.9

Base: All weekday household trips (n=91,415), weighted.

\*Other includes personal business, shopping, serving passenger, and other

**Table T-17**  
**Average Weekday Trip Distance by Age (in Miles)**

		Under 18	18 to 45	46 to 64	65+	Overall Mean
County	Manhattan	3.1	3.9	4.0	3.2	3.7
	Queens	4.0	6.8	6.0	5.4	5.9
	Bronx	2.4	6.0	4.8	4.2	4.7
	Brooklyn	2.6	5.1	5.2	4.1	4.4
	Staten Island	4.3	7.6	7.3	6.6	6.7
	Nassau	3.5	9.9	8.2	6.1	7.9
	Suffolk	5.8	12.3	12.5	8.4	10.5
	Westchester	3.9	8.8	9.5	5.9	7.5
	Rockland	4.0	9.5	10.6	6.3	8.3
	Putnam	6.2	15.9	15.6	8.0	12.7
	Orange	7.4	12.8	9.7	5.9	10.3
	Dutchess	8.7	12.4	14.5	6.6	11.5
	Bergen	5.1	9.9	10.0	5.9	8.4
	Passaic	4.0	8.5	8.8	8.5	7.5
	Hudson	4.5	7.0	6.5	4.3	6.2
	Essex	3.7	7.9	6.4	4.7	6.3
	Union	5.7	9.3	7.6	5.7	7.7
	Morris	6.8	11.6	11.1	6.7	9.9
	Somerset	7.1	10.3	11.1	6.5	9.3
	Middlesex	4.6	9.8	9.6	7.6	8.4
	Monmouth	6.4	13.5	11.8	7.1	10.6
Ocean	9.0	13.6	13.7	6.2	11.6	
Hunterdon	6.3	12.8	15.5	10.6	11.9	
Warren	6.9	16.9	14.9	7.2	12.9	
Sussex	7.0	13.6	12.9	12.1	11.8	
Mercer	4.2	8.9	10.4	8.9	8.1	
Fairfield	11.3	12.9	12.8	15.0	12.7	
New Haven	5.3	7.3	7.1	6.4	6.7	
County Groups	Manhattan	3.1	3.9	4.0	3.2	3.7
	Other NYC	3.1	6.1	5.6	4.9	5.2
	Long Island	4.9	11.2	10.4	7.0	9.3
	Mid-Hudson (NYMTC)	4.1	9.4	10.2	6.1	8.0
	Mid-Hudson (Other)	7.9	12.6	12.1	6.3	10.8
	Connecticut	8.8	10.3	10.5	10.5	10.1
	Bergen-Passaic	4.7	9.5	9.7	6.7	8.1
	Hudsn-Essex-Union	4.5	8.0	6.8	5.0	6.7
	Mdlsx-Morris-Somrst	6.0	10.5	10.5	7.1	9.1
	Monmouth-Ocean	7.3	13.5	12.6	6.6	11.0
	Huntrdn-Susx-Warren	6.7	14.3	14.2	10.2	12.1
Mercer	4.2	8.9	10.4	8.9	8.1	
Regional Groups	NYC Total	3.1	5.5	5.2	4.6	4.8
	Long Island	4.9	11.2	10.4	7.0	9.3
	Mid-Hudson (all)	5.1	10.4	10.8	6.2	8.8
	Connecticut	8.8	10.3	10.5	10.5	10.1
	NJTPA	5.6	10.3	10.0	6.4	8.7
	Mercer	4.2	8.9	10.4	8.9	8.1
Political Groups	NYMTC Counties	3.7	7.4	7.4	5.5	6.4
	Other NY Counties	7.9	12.6	12.1	6.3	10.8
	Connecticut	8.8	10.3	10.5	10.5	10.1
	NJTPA	5.6	10.3	10.0	6.4	8.7
	Mercer	4.2	8.9	10.4	8.9	8.1
Metro Region		4.9	8.7	8.7	6.5	7.6

Base: All weekday trips where respondents also reported age (n=88,865), weighted.

**Table T-18**  
**Average Weekday Trip Distance by Gender (in Miles)**

		Male	Female	Overall Mean
County	Manhattan	4.3	3.2	3.7
	Queens	6.3	5.7	6.0
	Bronx	5.5	4.4	4.8
	Brooklyn	5.0	4.0	4.5
	Staten Island	7.5	6.0	6.7
	Nassau	9.3	6.7	7.8
	Suffolk	12.2	8.4	10.1
	Westchester	8.4	6.7	7.5
	Rockland	10.0	6.8	8.3
	Putnam	14.4	11.2	12.7
	Orange	12.2	8.6	10.2
	Dutchess	11.9	10.3	11.1
	Bergen	9.6	7.0	8.3
	Passaic	8.7	6.2	7.3
	Hudson	6.6	5.6	6.1
	Essex	7.7	5.4	6.5
	Union	7.8	7.0	7.4
	Morris	11.3	8.8	9.9
	Somerset	9.9	8.3	9.0
	Middlesex	9.8	6.9	8.2
	Monmouth	11.4	9.3	10.3
	Ocean	12.9	9.6	11.2
	Hunterdon	14.3	9.4	11.7
	Warren	15.7	10.2	12.8
Sussex	13.4	9.9	11.6	
Mercer	9.0	7.4	8.1	
Fairfield	14.0	13.2	13.6	
New Haven	6.8	6.3	6.5	
County Groups	Manhattan	4.3	3.2	3.7
	Other NYC	5.7	4.8	5.3
	Long Island	10.9	7.6	9.0
	Mid-Hudson (NYMTC)	9.1	7.1	8.0
	Mid-Hudson (Other)	12.1	9.4	10.7
	Connecticut	10.7	10.3	10.5
	Bergen-Passaic	9.4	6.8	8.0
	Hudsn-Essex-Union	7.4	5.9	6.7
	Mdlsx-Morris-Somrst	10.3	7.9	9.0
	Monmouth-Ocean	12.0	9.4	10.7
	Huntrdn-Susx-Warren	14.3	9.8	11.9
	Mercer	9.0	7.4	8.1
	Regional Groups	NYC Total	5.4	4.4
Long Island		10.9	7.6	9.0
Mid-Hudson (all)		10.0	7.7	8.8
Connecticut		10.7	10.3	10.5
NJTPA		9.8	7.5	8.6
Mercer		9.0	7.4	8.1
Political Groups	NYMTC Counties	7.3	5.6	6.4
	Other NY Counties	12.1	9.4	10.7
	CT Counties	10.7	10.3	10.5
	NJTPA Counties	9.8	7.5	8.6
	Mercer	9.0	7.4	8.1
Metro Region		8.6	6.8	7.6

Base: All weekday trips where respondents reported gender (n=91,208), weighted.

**Table T-19**  
**Average Weekday Trip Distance by Household Ethnicity (in Miles)**

		Black	White	Asian	Hispanic	Other	Overall Mean
County	Manhattan	3.9	3.7	3.0	2.8	4.1	3.7
	Queens	8.7	5.5	6.6	5.1	5.5	6.0
	Bronx	5.8	5.3	6.7	3.6	4.0	4.8
	Brooklyn	3.9	4.8	6.9	4.0	3.7	4.5
	Staten Island	4.9	7.0	5.7	6.1	5.1	6.7
	Nassau	8.3	7.7	8.6	8.0	8.4	7.8
	Suffolk	11.8	9.9	14.3	16.3	13.1	10.1
	Westchester	7.6	7.7	*	5.1	6.7	7.5
	Rockland	6.5	8.8	6.5	9.1	4.6	8.3
	Putnam	15.1	12.6	*	*	10.1	12.7
	Orange	9.7	10.0	*	14.4	7.4	10.2
	Dutchess	7.4	11.5	*	*	*	11.1
	Bergen	7.1	8.7	3.8	5.9	9.9	8.3
	Passaic	3.3	7.5	10.9	5.2	16.6	7.3
	Hudson	6.4	6.1	5.6	6.1	6.5	6.1
	Essex	6.2	6.5	6.4	8.3	5.3	6.5
	Union	5.6	7.9	7.3	6.0	5.1	7.4
	Morris	7.3	9.4	18.6	13.6	19.2	9.9
	Somerset	8.7	9.1	8.0	*	7.1	9.0
	Middlesex	9.5	8.3	7.1	6.1	13.8	8.2
	Monmouth	10.2	10.5	10.3	*	8.0	10.3
	Ocean	6.7	11.2	*	17.9	10.7	11.2
	Hunterdon	*	11.9	12.8	10.9	7.7	11.7
	Warren	*	12.7	*	9.6	9.1	12.8
	Sussex	*	11.5	12.6	*	*	11.6
	Mercer	6.2	8.5	*	6.4	12.5	8.1
Fairfield	4.5	14.6	7.4	12.8	17.6	13.6	
New Haven	9.4	6.7	7.5	3.1	*	6.5	
County Groups	Manhattan	3.9	3.7	3.0	2.8	4.1	3.7
	Other NYC	5.5	5.4	6.6	4.2	4.5	5.3
	Long Island	9.6	8.9	9.5	10.5	10.1	9.0
	Mid-Hudson (NYMTC)	7.5	8.3	11.5	5.8	6.3	8.0
	Mid-Hudson (Other)	8.8	10.7	*	10.2	14.0	10.7
	Connecticut	5.5	10.9	7.5	8.6	17.6	10.5
	Bergen-Passaic	5.5	8.4	5.5	5.5	12.5	8.0
	Hudsn-Essex-Union	6.1	7.0	6.2	6.7	6.0	6.7
	Mdlsx-Morris-Somrst	9.1	8.9	8.4	8.2	13.8	9.0
	Monmouth-Ocean	9.0	10.8	10.2	18.4	9.5	10.7
	Huntrdn-Susx-Warren	*	11.9	13.0	9.7	10.2	11.9
Mercer	6.2	8.5	*	6.4	12.5	8.1	
Regional Groups	NYC Total	5.3	4.9	5.9	3.9	4.4	4.9
	Long Island	9.6	8.9	9.5	10.5	10.1	9.0
	Mid-Hudson (all)	7.8	9.0	11.0	6.8	7.4	8.8
	Connecticut	5.5	10.9	7.5	8.6	17.6	10.5
	NJTPA	6.6	9.0	7.2	7.1	9.3	8.6
	Mercer	6.2	8.5	*	6.4	12.5	8.1
Political Groups	NYMTC Counties	5.8	6.9	6.6	4.7	5.1	6.4
	Other NY Counties	8.8	10.7	8.3	10.2	14.0	10.7
	CT Counties	5.5	10.9	7.5	8.6	17.6	10.5
	NJTPA Counties	6.6	9.0	7.2	7.1	9.3	8.6
	Mercer	6.2	8.5	*	6.4	12.5	8.1
Metro Region	6.0	8.2	6.9	5.5	6.8	7.6	

Base: All weekday trips where respondents reported ethnicity (n=88,884), weighted.

\*Less than 30 cases available for observation.

**Table T-20**  
**Average Weekday Trip Distance by Income (in Miles)**

		< \$25K	\$25 - 50K	\$50 - 75K	\$75K +	Overall Mean
County	Manhattan	2.9	4.2	3.5	3.9	3.7
	Queens	5.0	5.6	5.6	8.0	6.1
	Bronx	4.5	4.7	4.8	5.3	4.7
	Brooklyn	3.4	4.5	4.5	6.0	4.5
	Staten Island	5.5	5.6	6.8	7.3	6.6
	Nassau	6.1	7.2	7.4	8.6	7.9
	Suffolk	6.7	10.2	8.8	11.3	10.2
	Westchester	5.3	7.6	7.3	7.8	7.5
	Rockland	6.1	7.3	9.1	8.5	8.2
	Putnam	9.5	17.2	10.9	13.4	12.9
	Orange	5.6	9.2	8.5	12.9	9.7
	Dutchess	7.8	8.4	10.2	16.8	11.0
	Bergen	4.6	7.2	6.8	9.4	8.3
	Passaic	6.7	6.4	8.6	8.8	7.7
	Hudson	5.1	7.7	6.3	7.2	6.5
	Essex	4.1	7.0	6.5	6.7	6.2
	Union	4.9	5.5	7.7	10.2	8.2
	Morris	16.7	7.1	8.1	10.5	10.0
	Somerset	6.4	6.3	9.1	9.6	8.9
	Middlesex	4.9	7.4	8.5	10.1	8.3
	Monmouth	5.2	9.2	8.7	12.6	10.7
	Ocean	10.5	8.4	12.7	13.1	11.7
	Hunterdon	*	9.2	10.8	13.4	11.9
	Warren	8.1	10.9	10.1	16.7	12.8
	Sussex	*	9.1	10.9	13.1	11.5
	Mercer	5.1	7.0	9.4	8.4	7.9
Fairfield	10.5	12.4	24.5	9.6	13.6	
New Haven	4.8	6.2	6.9	8.1	7.0	
County Groups	Manhattan	2.9	4.2	3.5	3.9	3.7
	Other NYC	4.2	5.0	5.2	6.9	5.3
	Long Island	6.3	8.9	8.2	10.0	9.1
	Mid-Hudson (NYMTC)	5.7	8.0	8.0	8.2	7.9
	Mid-Hudson (Other)	6.3	8.8	9.4	14.3	10.3
	Connecticut	7.8	8.5	16.0	8.9	10.3
	Bergen-Passaic	5.8	6.9	7.4	9.3	8.1
	Hudsn-Essex-Union	4.6	6.9	6.8	8.0	6.9
	Mdlsx-Morris-Somrst	7.0	7.1	8.5	10.2	9.0
	Monmouth-Ocean	7.7	8.8	10.7	12.7	11.1
	Huntrdn-Susx-Warren	8.0	9.6	10.6	14.1	12.0
	Mercer	5.1	7.0	9.4	8.4	7.9
Regional Groups	NYC Total	4.0	4.9	4.8	5.9	4.9
	Long Island	6.3	8.9	8.2	10.0	9.1
	Mid-Hudson (all)	6.0	8.3	8.6	9.2	8.6
	Connecticut	7.8	8.5	16.0	8.9	10.3
	NJTPA	5.8	7.4	8.5	10.2	8.8
	Mercer	5.1	7.0	9.4	8.4	7.9
Political Groups	NYMTC Counties	4.4	5.9	6.2	7.8	6.4
	Other NY Counties	6.3	8.8	9.4	14.3	10.3
	Connecticut	7.8	8.5	16.0	8.9	10.3
	NJTPA	5.8	7.4	8.5	10.2	8.8
	Mercer	5.1	7.0	9.4	8.4	7.9
Metro Region		5.0	6.7	8.1	8.9	7.6

Base: All weekday trips where respondents reported income (n=72,427), weighted.

\*Less than 30 cases available for observation.

**Table T-21  
Average Weekday Trip Distance by Mode (in Miles)**

		Auto	Rail or Ferry	Bus	Taxi	Walk	Overall Mean
County	Manhattan	10.3	6.4	4.4	4.1	0.8	3.7
	Queens	6.4	10.5	6.3	9.9	0.9	6.0
	Bronx	5.9	10.7	4.5	2.6	0.6	4.8
	Brooklyn	6.1	7.9	4.1	4.2	0.6	4.5
	Staten Island	6.7	14.1	8.1	*	1.4	6.7
	Nassau	7.4	28.6	4.0	7.1	2.2	7.8
	Suffolk	9.6	46.8	7.0	37.3	5.0	10.1
	Westchester	7.2	27.7	5.7	5.5	1.2	7.5
	Rockland	8.9	*	4.4	*	1.2	8.3
	Putnam	12.3	*	*	*	*	12.7
	Orange	9.6	*	13.3	*	5.4	10.2
	Dutchess	11.2	*	7.6	*	3.9	11.1
	Bergen	8.4	23.0	10.8	*	2.4	8.3
	Passaic	7.8	*	8.5	*	1.5	7.3
	Hudson	8.2	8.6	5.7	*	1.4	6.1
	Essex	6.9	15.1	5.6	*	2.3	6.5
	Union	7.2	18.4	11.2	*	2.4	7.4
	Morris	9.8	28.2	5.6	*	9.7	9.9
	Somerset	8.5	*	16.6	*	5.2	9.0
	Middlesex	8.1	27.9	8.1	*	3.1	8.2
Monmouth	10.6	25.1	9.7	*	1.7	10.3	
Ocean	11.7	*	11.9	*	3.0	11.2	
Hunterdon	12.0	*	8.7	*	2.3	11.7	
Warren	13.6	*	9.3	*	3.2	12.8	
Sussex	12.1	*	7.4	*	4.0	11.6	
Mercer,NJ	7.9	*	4.2	*	4.1	8.2	
Fairfield	13.3	52.3	7.6	*	3.4	13.6	
New Haven	7.1	*	4.1	*	0.6	6.5	
County Groups	Manhattan	10.3	6.4	4.4	4.1	0.8	3.7
	Other NYC	6.3	9.5	5.1	4.8	0.7	5.3
	Long Island	8.6	34.0	5.9	26.3	3.1	9.0
	Mid-Hudson (NYMTC)	7.9	29.4	5.3	6.4	1.2	8.0
	Mid-Hudson (Other)	10.4	66.3	10.9	14.8	4.8	10.7
	Connecticut	10.5	52.9	6.2	22.3	1.8	10.5
	Bergen-Passaic	8.2	22.7	10.1	17.1	2.1	8.0
	Hudsn-Essex-Union	7.3	12.5	6.5	6.6	1.9	6.7
	Mdlsx-Morris-Somrst	8.8	28.6	9.1	13.4	5.4	9.0
	Monmouth-Ocean	11.0	27.2	10.7	15.4	2.3	10.7
	Huntrdn-Susx-Warren	12.5	*	8.3	*	3.2	11.9
	Mercer	7.9	*	4.2	*	4.1	8.2
Regional Groups	NYC Total	6.5	8.6	4.9	4.4	0.8	4.9
	Long Island	8.6	33.9	5.7	28.6	3.3	9.0
	Mid-Hudson (all)	8.7	32.5	7.2	8.1	2.0	8.8
	Connecticut	10.5	52.9	6.2	22.3	1.8	10.5
	NJTPA	8.9	17.9	8.9	11.9	2.5	8.6
	Mercer,NJ	7.9	*	4.2	*	4.1	8.2
Political Groups	NYMTC Counties	7.7	11.3	5.1	6.3	1.0	6.4
	Other NY Counties	10.4	66.3	10.9	14.8	4.8	10.7
	Connecticut	10.5	52.9	6.2	22.3	1.8	10.5
	NJTPA	8.9	17.9	8.9	11.9	2.5	8.6
	Mercer,NJ	7.9	*	4.2	*	4.1	8.2
Metro Region	8.6	12.8	6.3	7.5	1.3	7.6	

Note: **Auto** includes auto (driver & passenger) and motorcycle.  
**Rail or Ferry** includes ferry, commuter rail, PATH, subway, and LRT  
**Bus** includes local, express, charter and school buses  
**Shared Ride/Taxi** includes taxi, jitney, gypsy cab, black car, intercity transit, airport service, contract bus, shuttle van, and group ride  
**Walk/Other** includes walking, bicycle, skates, wheelchair, and other

**Table T-22**  
**Average Weekday Trip Distance by Trip Purpose (in Miles)**

		Home	Work	School	Social/Visit/ Recreation	Other*	Overall Mean
County	Manhattan	4.5	5.0	3.3	3.4	3.0	3.7
	Queens	6.6	8.2	6.0	5.9	4.5	5.9
	Bronx	4.4	8.5	4.4	4.7	3.7	4.8
	Brooklyn	4.5	6.8	2.9	4.6	3.5	4.4
	Staten Island	5.4	11.1	4.9	6.8	5.2	6.7
	Nassau	6.5	12.8	3.4	8.2	6.2	7.9
	Suffolk	8.8	17.6	8.0	10.3	7.6	10.5
	Westchester	5.5	13.4	4.4	7.8	6.1	7.6
	Rockland	8.2	14.9	2.5	8.3	6.5	8.3
	Putnam	11.5	21.6	**	11.5	11.1	12.7
	Orange	11.9	17.9	8.6	9.5	7.5	10.4
	Dutchess	10.6	15.4	**	11.5	9.5	11.4
	Bergen	6.8	12.9	5.5	8.6	7.0	8.4
	Passaic	7.9	11.9	3.9	6.5	7.1	7.5
	Hudson	6.5	9.0	4.2	5.7	5.4	6.1
	Essex	5.9	9.8	4.2	6.9	4.9	6.4
	Union	5.1	11.6	5.7	7.6	6.6	7.6
	Morris	10.5	14.5	7.7	10.0	7.5	10.0
	Somerset	7.5	13.7	10.9	9.9	6.4	9.3
	Middlesex	8.9	12.9	5.6	7.8	6.7	8.4
Monmouth	9.5	18.0	4.7	9.8	9.4	10.7	
Ocean	10.1	18.9	9.7	12.0	7.5	11.5	
Hunterdon	12.9	20.0	**	11.7	8.1	11.8	
Warren	14.5	22.8	**	12.9	9.3	12.9	
Sussex	10.8	17.3	**	11.4	9.6	11.7	
Mercer	9.2	13.8	4.4	7.9	6.4	8.2	
Fairfield	15.2	17.7	7.5	12.9	12.3	12.9	
New Haven	6.1	10.1	4.2	6.5	6.0	6.7	
County Groups	Manhattan	4.5	5.0	3.3	3.4	3.0	3.7
	Other NYC	5.5	8.0	4.3	5.2	4.0	5.2
	Long Island	7.7	15.3	6.2	9.3	6.9	9.2
	Mid-Hudson (NYMTC)	6.2	14.3	4.2	8.1	6.5	8.1
	Mid-Hudson (Other)	11.3	16.7	8.3	10.4	8.5	10.8
	Connecticut	10.8	14.4	6.2	10.0	9.6	10.2
	Bergen-Passaic	7.1	12.6	5.0	7.9	7.0	8.2
	Hudsn-Essex-Union	5.8	10.0	4.5	6.8	5.6	6.7
	Mdlsx-Morris-Somrst	9.1	13.6	7.3	9.0	6.9	9.2
	Monmouth-Ocean	9.8	18.4	6.7	10.6	8.7	11.0
	Huntrdn-Susx-Warren	12.4	19.6	7.3	11.9	9.1	12.1
Mercer	9.2	13.8	4.4	7.9	6.4	8.2	
Regional Groups	NYC Total	5.3	7.2	4.1	4.8	3.8	4.9
	Long Island	7.7	15.3	6.2	9.3	6.9	9.2
	Mid-Hudson (all)	7.7	15.0	5.4	8.8	7.1	8.9
	Connecticut	10.8	14.4	6.2	10.0	9.6	10.2
	NJTPA	7.9	13.5	5.9	8.6	7.0	8.7
	Mercer	9.2	13.8	4.4	7.9	6.4	8.2
Political Groups	NYMTC Counties	6.0	10.3	4.6	6.4	5.1	6.4
	Other NY Counties	11.3	16.7	8.3	10.4	8.5	10.8
	Connecticut	10.8	14.4	6.2	10.0	9.6	10.2
	NJTPA	7.9	13.5	5.9	8.6	7.0	8.7
	Mercer	9.2	13.8	4.4	7.9	6.4	8.2
Metro Region	7.2	12.0	5.2	7.6	6.2	7.6	

Base: All weekday household trips (n=91,415), weighted.

\*Other includes personal business, shopping, serving passenger, and other.

\*\*Less than 30 cases available for observation.

**Table T-23**  
**Age Group by Travel Mode (each age group=100%)**

		Under 18			18 to 45			46 to 64			65+		
		%	%	%	%	%	%	%	%	%	%	%	
County		AUTO	TRANSIT	OTHER	AUTO	TRANSIT	OTHER	AUTO	TRANSIT	OTHER	AUTO	TRANSIT	OTHER
Manhattan		8.9	37.0	54.1	10.3	33.3	56.4	12.0	30.9	57.1	12.0	30.7	57.3
Queens		36.8	24.7	38.4	50.5	31.3	18.2	53.6	22.8	23.6	68.1	12.0	19.9
Bronx		26.5	22.8	50.7	37.4	34.3	28.4	50.2	23.1	26.6	52.4	17.3	30.3
Brooklyn		26.6	29.7	43.7	35.1	32.4	32.5	49.0	25.3	25.7	46.3	25.1	28.6
Staten Island		54.6	28.4	16.9	76.6	12.6	10.7	80.2	10.1	9.7	75.8	6.5	17.7
Nassau		63.0	19.2	17.8	80.9	8.9	10.2	87.8	7.0	5.2	88.1	2.2	9.7
Suffolk		68.1	22.3	9.6	92.7	3.3	4.1	94.7	1.8	3.5	95.6	1.2	3.3
Westchester		68.3	16.1	15.6	80.6	9.8	9.6	82.6	8.6	8.9	82.0	5.5	12.5
Rockland		51.2	42.6	6.2	90.8	2.9	6.3	92.1	3.7	4.2	96.1	0.0	3.9
Putnam		68.2	24.3	7.5	87.7	5.8	6.4	95.3	2.8	1.9	94.6	2.7	2.7
Orange		63.6	27.5	9.0	90.4	3.0	6.5	91.6	2.2	6.3	95.6	0.0	4.4
Dutchess		64.9	27.2	7.9	94.2	0.9	4.9	91.6	2.5	5.9	97.4	1.3	1.3
Bergen		78.7	7.2	14.1	87.0	5.7	7.3	88.9	4.3	6.8	87.9	1.9	10.2
Passaic		75.0	6.7	18.3	92.6	4.9	2.5	88.3	2.2	9.5	90.5	1.6	7.9
Hudson		42.5	10.7	46.8	51.2	25.2	23.7	65.9	16.2	17.9	55.3	9.3	35.4
Essex		64.7	11.3	24.0	78.4	10.2	11.4	82.8	6.7	10.5	84.7	5.2	10.1
Union		79.7	7.4	12.9	84.8	9.5	5.7	92.0	4.4	3.6	91.5	0.7	7.8
Morris		74.6	18.0	7.4	93.4	2.3	4.3	93.9	2.8	3.3	93.2	1.4	5.5
Somerset		72.4	22.2	5.4	94.8	1.7	3.5	94.8	2.1	3.1	95.8	0.0	4.2
Middlesex		68.7	20.5	10.8	88.4	4.8	6.8	91.7	5.0	3.4	89.8	2.6	7.5
Monmouth		64.6	25.8	9.6	89.4	4.9	5.7	92.6	2.9	4.5	88.7	4.7	6.6
Ocean		48.5	40.9	10.5	91.6	1.7	6.7	94.7	1.9	3.4	90.6	2.7	6.7
Hunterdon		74.5	20.4	5.1	94.3	1.6	4.1	94.0	1.2	4.8	93.3	6.7	0.0
Warren		65.9	21.4	12.7	95.3	0.9	3.8	98.0	0.0	2.0	93.3	0.0	6.7
Sussex		61.4	32.0	6.5	96.5	0.8	2.7	96.5	0.5	3.0	92.7	1.8	5.5
Mercer		70.5	17.8	11.7	90.3	3.2	6.5	94.3	1.7	3.9	90.2	2.8	7.0
Fairfield		70.0	22.1	7.9	90.9	4.4	4.7	90.1	4.9	5.0	94.2	1.9	4.0
New Haven		68.4	22.8	8.8	94.9	0.3	4.8	93.1	0.4	6.5	93.5	1.0	5.5
County Groups	Manhattan	8.9	37.0	54.1	10.3	33.3	56.4	12.0	30.9	57.1	12.0	30.7	57.3
	Other NYC	32.0	26.7	41.3	44.2	30.8	25.0	53.7	22.6	23.7	60.5	15.8	23.7
	Long Island	66.2	21.1	12.7	87.2	5.9	6.9	91.4	4.3	4.3	90.9	1.8	7.2
	Mid-Hudson (NYMTC)	65.4	21.2	13.4	83.1	8.2	8.7	85.8	7.0	7.2	85.4	4.4	10.2
	Mid-Hudson (Other)	64.2	27.4	8.4	92.1	2.1	5.8	91.6	2.3	6.1	96.6	0.7	2.6
	Connecticut	69.3	22.4	8.3	92.8	2.5	4.8	91.4	3.0	5.6	93.8	1.4	4.8
	Bergen-Passaic	77.6	7.1	15.3	88.8	5.5	5.8	88.8	3.8	7.4	88.7	1.8	9.5
	Hudsn-Essex-Union	62.8	10.0	27.2	71.0	15.0	14.0	82.6	7.8	9.7	81.3	4.2	14.5
	Mdlsx-Morris-Somrst	71.9	19.9	8.3	91.4	3.3	5.3	93.2	3.6	3.2	91.9	1.8	6.2
	Monmouth-Ocean	58.9	31.2	9.9	90.2	3.7	6.1	93.5	2.5	4.0	89.6	3.7	6.7
	Huntrdn-Susx-Warren	67.1	24.9	7.9	95.5	1.0	3.5	95.9	0.6	3.4	93.0	2.3	4.7
	Mercer	70.5	17.8	11.7	90.3	3.2	6.5	94.3	1.7	3.9	90.2	2.8	7.0

Base: All weekday household trips where respondent also reported age (n=88,685), weighted.

**Table T-23**  
**Age Group by Travel Mode (each age group=100%)**

		Under 18			18 to 45			46 to 64			65+		
		%	%	%	%	%	%	%	%	%	%	%	
		AUTO	TRANSIT	OTHER	AUTO	TRANSIT	OTHER	AUTO	TRANSIT	OTHER	AUTO	TRANSIT	OTHER
Regional Groups	NYC Total	28.2	28.5	43.2	34.7	32.4	32.8	42.4	25.8	31.8	46.8	20.6	32.4
	Long Island	66.2	21.1	12.7	87.2	5.9	6.9	91.4	4.3	4.3	90.9	1.8	7.2
	Mid-Hudson (all)	63.4	24.1	12.5	88.8	4.8	6.4	91.0	3.3	5.7	91.3	1.8	6.9
	Connecticut	69.3	22.4	8.3	92.8	2.5	4.8	91.4	3.0	5.6	93.8	1.4	4.8
	NJTPA	68.0	16.9	15.1	84.8	7.2	8.0	89.7	4.3	6.0	87.8	2.9	9.3
	Mercer	70.5	17.8	11.7	90.3	3.2	6.5	94.3	1.7	3.9	90.2	2.8	7.0
Political Groups	NYMTC Counties	42.3	25.7	31.9	54.3	22.3	23.4	63.0	16.4	20.6	67.9	11.5	20.6
	Other NY Counties	64.2	27.4	8.4	92.1	2.1	5.8	91.6	2.3	6.1	96.6	0.7	2.6
	CT Counties	69.3	22.4	8.3	92.8	2.5	4.8	91.4	3.0	5.6	93.8	1.4	4.8
	NJTPA Counties	68.0	16.9	15.1	84.8	7.2	8.0	89.7	4.3	6.0	87.8	2.9	9.3
	Mercer	70.5	17.8	11.7	90.3	3.2	6.5	94.3	1.7	3.9	90.2	2.8	7.0
Metro Region		54.1	22.4	23.4	68.8	15.0	16.2	75.5	10.6	13.9	79.1	6.9	14.0

**Table T-24  
Average Weekday Auto Occupancy by Trip Purpose**

		Home	Work	School	Social/Visit/ Recreation	Other	Overall Mean
County	Manhattan	2.0	1.3	*	2.0	2.2	2.0
	Queens	2.5	1.4	*	2.0	1.8	2.0
	Bronx	1.6	1.2	*	1.8	2.1	1.8
	Brooklyn	2.1	1.2	2.5	2.1	2.0	2.0
	Staten Island	1.8	1.3	2.4	1.9	1.9	1.8
	Nassau	1.8	1.2	2.2	1.8	1.9	1.7
	Suffolk	1.8	1.2	2.3	1.9	1.9	1.8
	Westchester	2.0	1.2	2.6	1.9	1.8	1.8
	Rockland	1.6	1.2	2.1	1.8	1.7	1.6
	Putnam	1.7	1.1	2.0	1.8	1.9	1.7
	Orange	1.8	1.1	1.9	1.8	1.9	1.7
	Dutchess	1.7	1.3	2.1	1.7	1.7	1.7
	Bergen	1.6	1.2	2.5	2.0	1.9	1.8
	Passaic	1.9	1.2	2.4	1.9	1.8	1.8
	Hudson	2.4	1.3	2.6	1.8	2.2	2.0
	Essex	1.8	1.3	2.4	1.8	1.9	1.8
	Union	1.9	1.1	2.5	2.0	1.9	1.8
	Morris	1.9	1.2	2.2	1.9	1.9	1.8
	Somerset	1.9	1.1	2.4	1.9	1.8	1.8
	Middlesex	1.8	1.2	2.3	1.9	1.9	1.8
	Monmouth	2.0	1.1	2.3	1.9	2.0	1.8
	Ocean	1.7	1.1	1.9	1.7	1.7	1.6
	Hunterdon	1.6	1.1	2.2	1.8	1.7	1.7
Warren	1.7	1.2	2.4	1.9	1.9	1.8	
Sussex	1.8	1.3	1.9	1.7	1.7	1.7	
Mercer	1.8	1.1	2.3	1.9	2.0	1.8	
Fairfield	1.6	1.1	2.3	1.7	1.8	1.7	
New Haven	1.8	1.2	2.7	1.9	1.7	1.7	
County Groups	Manhattan	2.0	1.3	2.2	2.0	2.2	2.0
	Other NYC	2.2	1.3	2.3	2.0	1.9	1.9
	Long Island	1.8	1.2	2.2	1.8	1.9	1.8
	Mid-Hudson (NYMTC)	1.9	1.2	2.5	1.9	1.8	1.8
	Mid-Hudson (Other)	1.7	1.2	2.0	1.8	1.8	1.7
	Connecticut	1.7	1.2	2.4	1.8	1.7	1.7
	Bergen-Passaic	1.7	1.2	2.5	2.0	1.9	1.8
	Hudsn-Essex-Union	2.0	1.2	2.5	1.9	1.9	1.8
	Mdlsx-Morris-Somrst	1.9	1.2	2.3	1.9	1.9	1.8
	Monmouth-Ocean	1.9	1.1	2.2	1.8	1.9	1.7
	Huntrdn-Susx-Warren	1.7	1.2	2.2	1.8	1.8	1.7
Mercer	1.8	1.1	2.3	1.9	2.0	1.8	
Regional Groups	NYC Total	2.2	1.3	2.3	2.0	1.9	1.9
	Long Island	1.8	1.2	2.2	1.8	1.9	1.8
	Mid-Hudson (all)	1.9	1.2	2.3	1.8	1.8	1.7
	Connecticut	1.7	1.2	2.4	1.8	1.7	1.7
	NJTPA	1.8	1.2	2.4	1.9	1.9	1.8
	Mercer	1.8	1.1	2.3	1.9	2.0	1.8
Political Groups	NYMTC Counties	2.0	1.2	2.3	1.9	1.9	1.8
	Other NY Counties	1.7	1.2	2.0	1.8	1.8	1.7
	CT Counties	1.7	1.2	2.4	1.8	1.7	1.7
	NJTPA Counties	1.8	1.2	2.4	1.9	1.9	1.8
	Mercer	1.8	1.1	2.3	1.9	2.0	1.8
Metro Region	1.9	1.2	2.3	1.9	1.9	1.8	

Base: All weekday auto trips (n=63,434), weighted.

\*Less than 30 cases available for observation.