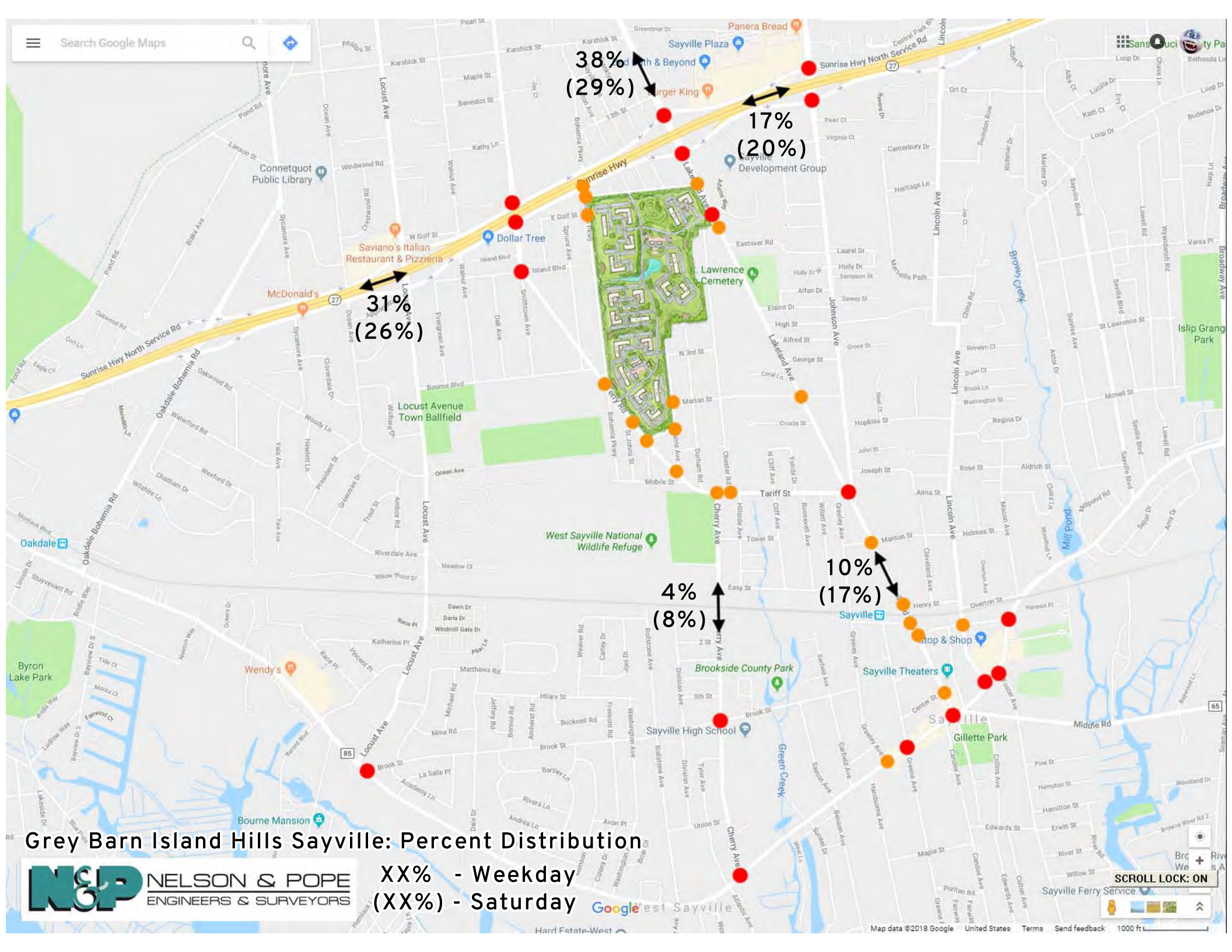


**Appendix G:
Trip Generation and Distribution**

Distribution Methodology



US Census Bureau -Travel time to work data for Sayville, New York
2012-2016 American Community Survey 5- Year Estimate

Municipalities/Destinations	Travel Time range	Average Travel Time	% of time traveled	% Distribution	Travel route
Sayville	5 min	5	2%	2%	Lakeland Ave SB to Railroad Ave
Bohemia	5-8 min	7	11%	4.0%	Lakeland Ave NB to Bohemia/LIE
West Sayville	6-8 min	8		3.0%	Terry Rd to Cherry Ave
West Sayville	6-8 min	8		1.0%	Lakeland Ave SB to Railroad Ave
Patchogue	7-12 min	10		3.0%	Lakeland Ave NB to RT27 EB
Oakdale	7-12 min	10	12%	1.0%	Terry Rd to Cherry Ave and Brook St
Ronkonkoma and north	7-12 min	10		5.0%	Lakeland Ave NB to RT27 EB
Brookhaven Hospital	8-12 min	10		2.0%	Lakeland Ave NB to RT27 EB
Holtsville	9-12 min	11		0.25%	Lakeland Ave NB to RT27 EB
Central Islip	9-12 min	11		1.0%	Lakeland Ave NB to RT27 WB
Holbrook	9-14 min	12		0.5%	Lakeland Ave NB to RT27 EB
East Islip	9-14 min	12		1.0%	Terry Rd to Cherry Ave and Montauk Hwy
Islip and West	10-16 min	13		1.0%	Terry Rd to Cherry Ave and Montauk Hwy
Yaphank	10-16 min	13		0.25%	Lakeland Ave NB to RT27 EB
Islandia and north	10-20 min	15	11%	4.0%	Lakeland Ave NB to Islandia
Bay Shore	12-18 min	15		2.0%	Lakeland Ave NB to RT27 WB
Long Island Jewish Bay Shore	12-18 min	15		1.5%	Lakeland Ave NB to RT27 WB
Babylon	16-22 min	19		1.0%	Lakeland Ave NB to RT27 WB
Good Sam Hospital West Islip	14-24 min	19		2.5%	Lakeland Ave NB to RT27 WB
Deer Park	18-28 min	23	12%	4%	Lakeland Ave NB to RT27 WB
Hauppauge and north	18-30min	24		8%	Lakeland Ave NB to Happpauge
Brookhaven Lab	22-28 min	25	7%	2%	Lakeland Ave NB to RT27 EB
Stony Brook Med Center	20-30 min	25		5%	Lakeland Ave NB to RT27 EB
Farmingdale	24-35 min	30	13%	5%	Lakeland Ave NB to RT27 WB
Melville	26-40 min	33		5%	Lakeland Ave NB to LIE
Melville	26-40 min	33		3%	Lakeland Ave NB to RT27 WB
Southwest Nassau and Brooklyn	40-70 min	55	32%	13%	Lakeland Ave NB to RT27 WB
Northwest Nassau and NYC	80-150 min	115		19%	Lakeland Ave NB to LIE

Travel Route	Distribution
To Lakeland Ave NB	40.0%
Lakeland Ave NB to RT27 EB	18.0%
Lakeland Ave NB to RT27 WB	33.0%
Lakeland Ave SB to Railroad Ave	3.0%
Terry Rd to Cherry Ave	6.0%
Total	100%



B08012

SEX OF WORKERS BY TRAVEL TIME TO WORK

Universe: Workers 16 years and over who did not work at home
2012-2016 American Community Survey 5-Year Estimates

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Tell us what you think. Provide feedback to help make American Community Survey data more useful for you.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

	Sayville CDP, New York	
	Estimate	Margin of Error
Total:	7,717	+/-343
Less than 5 minutes	170	+/-81
5 to 9 minutes	848	+/-168
10 to 14 minutes	890	+/-185
15 to 19 minutes	866	+/-154
20 to 24 minutes	959	+/-145
25 to 29 minutes	518	+/-124
30 to 34 minutes	990	+/-179
35 to 39 minutes	202	+/-88
40 to 44 minutes	358	+/-100
45 to 59 minutes	484	+/-111
60 to 89 minutes	604	+/-180
90 or more minutes	828	+/-173
Male:	3,948	+/-241
Less than 5 minutes	118	+/-68
5 to 9 minutes	286	+/-97
10 to 14 minutes	318	+/-101
15 to 19 minutes	392	+/-104
20 to 24 minutes	406	+/-98
25 to 29 minutes	328	+/-89
30 to 34 minutes	508	+/-118
35 to 39 minutes	103	+/-50
40 to 44 minutes	176	+/-69
45 to 59 minutes	278	+/-90
60 to 89 minutes	422	+/-163
90 or more minutes	613	+/-149
Female:	3,769	+/-288
Less than 5 minutes	52	+/-35
5 to 9 minutes	562	+/-137
10 to 14 minutes	572	+/-131
15 to 19 minutes	474	+/-131
20 to 24 minutes	553	+/-127
25 to 29 minutes	190	+/-67

	Sayville CDP, New York	
	Estimate	Margin of Error
30 to 34 minutes	482	+/-119
35 to 39 minutes	99	+/-65
40 to 44 minutes	182	+/-70
45 to 59 minutes	206	+/-70
60 to 89 minutes	182	+/-73
90 or more minutes	215	+/-80

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

Workers include members of the Armed Forces and civilians who were at work last week.

While the 2012-2016 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2012-2016 American Community Survey 5-Year Estimates

Explanation of Symbols:

1. An '***' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An '****' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
8. An '(X)' means that the estimate is not applicable or not available.

JOURNEY TO WORK - ALL PLACES DETAIL REPORT
BY ORIGIN/DESTINATION, TRAVEL TIME, AND # WORKERS

PLACE OF RESIDENCE - SAYVILLE CDP

WORKPLACE	AVERAGE TRAVEL TIME (min)	WORKERS	PERCENT	DISTRIBUTION
New York city (pt.) Bronx NY	91	29	0%	
Syosset CDP NY	39	35	1%	
Woodbury CDP NY	46	14	0%	
Plainview CDP NY	59	40	1%	
Jericho CDP NY	41	15	0%	
Hicksville CDP NY	59	85	1%	
Mineola village NY	36	25	0%	
New York city (pt.) New York NY	101	130	2%	
New York city (pt.) Queens NY	67	220	3%	
Lake Grove village NY	20	30	0%	
Lake Ronkonkoma CDP (pt.) NY	19	20	0%	
Wheatley Heights CDP NY	27	40	1%	
Commack CDP (pt.) NY	29	45	1%	
Ronkonkoma CDP NY	14	334	5%	
Hauppauge CDP (pt.) NY	33	129	2%	
Hauppauge CDP (pt.) NY	26	165	2%	
Kings Park CDP NY	22	15	0%	
Nesconset CDP NY	23	25	0%	
St. James CDP NY	17	15	0%	
Smithtown CDP NY	25	75	1%	
Remainder of Smithtown town NY	24	40	1%	
Huntington CDP NY	30	53	1%	
Dix Hills CDP NY	34	39	1%	
Islandia village NY	23	100	1%	
Fort Salonga CDP (pt.) NY	17	20	0%	
Huntington Station CDP NY	66	20	0%	
Melville CDP NY	36	185	3%	
Northport village NY	24	20	0%	
Bohemia CDP NY	12	505	7%	
Brentwood CDP NY	25	120	2%	
	19	80	1%	
East Northport CDP NY	46	35	1%	39.6%
North Patchogue CDP NY	22	49	1%	
East Patchogue CDP NY	12	65	1%	
Farmingville CDP NY	18	25	0%	
Holbrook CDP (pt.) NY	8	25	0%	
Holtsville CDP (pt.) NY	14	110	2%	
Mastic Beach CDP NY	23	25	0%	
Middle Island CDP NY	28	20	0%	
Patchogue village NY	16	205	3%	
Coram CDP NY	28	54	1%	
Medford CDP NY	19	60	1%	
Center Moriches CDP NY	27	25	0%	
Centereach CDP NY	16	44	1%	
Brookhaven CDP NY	20	35	1%	
Selden CDP NY	25	29	0%	
Port Jefferson village NY	23	35	1%	
Holbrook CDP (pt.) NY	19	130	2%	
Riverhead CDP NY	32	70	1%	
East Quogue CDP NY	29	25	0%	

PLACE OF RESIDENCE -

SAYVILLE CDP

WORKPLACE	AVERAGE TRAVEL TIME (min)	WORKERS	PERCENT	DISTRIBUTION
Flanders CDP NY	37	15	0%	
Hampton Bays CDP NY	26	25	0%	
Remainder of Southampton town NY	41	54	1%	
Setauket-East Setauket CDP NY	22	35	1%	
Shirley CDP NY	25	20	0%	
Stony Brook CDP (pt.) NY	74	20	0%	
Yaphank CDP NY	22	29	0%	
Remainder of Brookhaven town NY	27	70	1%	
Remainder of East Hampton town NY	39	25	0%	
Port Jefferson Station CDP NY	50	19	0%	19.7%
New York city (pt.) Kings NY	83	100	1%	
Massapequa CDP NY	40	20	0%	
Bethpage CDP NY	38	70	1%	
Remainder of Hempstead town NY	47	40	1%	
Oceanside CDP NY	36	15	0%	
Hempstead village NY	50	20	0%	
Garden City village (pt.) NY	47	15	0%	
Freeport village NY	27	55	1%	
East Meadow CDP NY	45	65	1%	
Deer Park CDP NY	29	80	1%	
Wyandanch CDP NY	29	39	1%	
West Babylon CDP NY	28	79	1%	
North Babylon CDP NY	20	35	1%	
	33	35	1%	
East Farmingdale CDP NY	30	145	2%	
Copague CDP NY	51	30	0%	
Babylon village NY	25	64	1%	
Amityville village NY	37	25	0%	
Lindenhurst village NY	24	19	0%	
Islip CDP NY	18	80	1%	
Islip Terrace CDP NY	13	30	0%	
North Bay Shore CDP NY	18	35	1%	
West Islip CDP NY	25	110	2%	
Remainder of Islip town NY	25	34	0%	
Commack CDP (pt.) NY	21	45	1%	
Bay Shore CDP NY	19	154	2%	
Central Islip CDP NY	16	89	1%	22.4%
Sayville CDP NY	9	893	13%	
Bayport CDP NY	11	119	2%	14.8%
Oakdale CDP NY	15	120	2%	
West Sayville CDP NY	9	115	2%	3.4%
TOTAL		6821	100%	100%

Travel Route	Distribution
To Lakeland Ave NB	39.6%
Lakeland Ave NB to RT27 EB	19.7%
Lakeland Ave NB to RT27 WB	22.4%
Lakeland Ave SB to Railraod Ave	14.8%
Terry Rd to Cherry Ave	3.4%
Total	100%

JOURNEY TO WORK - ALL PLACES DETAIL REPORT

BY ORIGIN/DESTINATION, TRAVEL TIME, # WORKERS AND MODE

<i>RESIDENCE</i>	<i>WORKPLACE</i>	<i>AVERAGE</i>	<i>WORKERS</i>	<i>AUTO:</i>		<i>TRANSIT:</i>		<i>WALKING:</i>		<i>OTHER:</i>	
		<i>TRAVEL</i>		<i>WORKERS</i>	<i>WORKERS</i>	<i>WORKERS</i>	<i>WORKERS</i>	<i>WORKERS</i>	<i>WORKERS</i>	<i>WORKERS</i>	<i>WORKERS</i>
		<i>TIME (min)</i>	<i>TOTAL</i>	<i>#</i>	<i>%</i>	<i>#</i>	<i>%</i>	<i>#</i>	<i>%</i>	<i>#</i>	<i>%</i>
<i><u>Sayville CDP</u></i>											
	New York city (pt.) Bronx NY	91	30	29	97%	0	0%	0	0%	0	0%
	New York city (pt.) Kings NY	83	140	100	71%	40	29%	0	0%	0	0%
	Syosset CDP NY	39	35	35	100%	0	0%	0	0%	0	0%
	Woodbury CDP NY	46	15	14	93%	0	0%	0	0%	0	0%
	Plainview CDP NY	59	50	40	80%	10	20%	0	0%	0	0%
	Massapequa CDP NY	40	20	20	100%	0	0%	0	0%	0	0%
	Jericho CDP NY	41	15	15	100%	0	0%	0	0%	0	0%
	Hicksville CDP NY	59	85	85	100%	0	0%	0	0%	0	0%
	Bethpage CDP NY	38	70	70	100%	0	0%	0	0%	0	0%
	Remainder of Hempstead town NY	47	45	40	89%	4	9%	0	0%	0	0%
	Oceanside CDP NY	36	15	15	100%	0	0%	0	0%	0	0%
	Hempstead village NY	50	20	20	100%	0	0%	0	0%	0	0%
	Garden City village (pt.) NY	47	15	15	100%	0	0%	0	0%	0	0%
	Freeport village NY	27	55	55	100%	0	0%	0	0%	0	0%
	Mineola village NY	36	25	25	100%	0	0%	0	0%	0	0%
	East Meadow CDP NY	45	65	65	100%	0	0%	0	0%	0	0%
	New York city (pt.) New York NY	101	410	130	32%	280	68%	0	0%	0	0%
	New York city (pt.) Queens NY	67	290	220	76%	69	24%	0	0%	0	0%
	North Patchogue CDP NY	22	50	49	98%	0	0%	0	0%	0	0%
	East Patchogue CDP NY	12	65	65	100%	0	0%	0	0%	0	0%
	Farmingville CDP NY	18	25	25	100%	0	0%	0	0%	0	0%
	Holbrook CDP (pt.) NY	8	25	25	100%	0	0%	0	0%	0	0%
	Holtsville CDP (pt.) NY	14	120	110	92%	0	0%	0	0%	10	8%
	Lake Grove village NY	20	30	30	100%	0	0%	0	0%	0	0%
	Lake Ronkonkoma CDP (pt.) NY	19	20	20	100%	0	0%	0	0%	0	0%
	Mastic Beach CDP NY	23	25	25	100%	0	0%	0	0%	0	0%
	Middle Island CDP NY	28	20	20	100%	0	0%	0	0%	0	0%
	Patchogue village NY	16	215	205	95%	4	2%	0	0%	0	0%
	Coram CDP NY	28	55	54	98%	0	0%	0	0%	0	0%
	Deer Park CDP NY	29	85	80	94%	4	5%	0	0%	0	0%
	Medford CDP NY	19	60	60	100%	0	0%	0	0%	0	0%
	Center Moriches CDP NY	27	25	25	100%	0	0%	0	0%	0	0%
	Centereach CDP NY	16	45	44	98%	0	0%	0	0%	0	0%

<i>RESIDENCE</i>	<i>WORKPLACE</i>	<i>AVERAGE</i>	<i>WORKERS</i>	<i>AUTO:</i>		<i>TRANSIT:</i>		<i>WALKING:</i>		<i>OTHER:</i>	
		<i>TRAVEL</i>		<i>WORKERS</i>	<i>%</i>	<i>WORKERS</i>	<i>%</i>	<i>WORKERS</i>	<i>%</i>	<i>WORKERS</i>	<i>%</i>
		<i>TIME (min)</i>	<i>TOTAL</i>	#	%	#	%	#	%	#	%
	Brookhaven CDP NY	20	35	35	100%	0	0%	0	0%	0	0%
	Wyandanch CDP NY	29	40	39	98%	0	0%	0	0%	0	0%
	Wheatley Heights CDP NY	27	40	40	100%	0	0%	0	0%	0	0%
	West Babylon CDP NY	28	80	79	99%	0	0%	0	0%	0	0%
	North Babylon CDP NY	20	35	35	100%	0	0%	0	0%	0	0%
		33	30	35	117%	0	0%	0	0%	0	0%
	East Farmingdale CDP NY	30	145	145	100%	0	0%	0	0%	0	0%
	Selden CDP NY	25	30	29	97%	0	0%	0	0%	0	0%
	Copiague CDP NY	51	30	30	100%	0	0%	0	0%	0	0%
	Babylon village NY	25	70	64	91%	0	0%	0	0%	0	0%
	Amityville village NY	37	30	25	83%	4	13%	0	0%	0	0%
	Lindenhurst village NY	24	25	19	76%	0	0%	0	0%	0	0%
	Commack CDP (pt.) NY	29	45	45	100%	0	0%	0	0%	0	0%
	Port Jefferson village NY	23	35	35	100%	0	0%	0	0%	0	0%
	Islip CDP NY	18	80	80	100%	0	0%	0	0%	0	0%
	Islip Terrace CDP NY	13	30	30	100%	0	0%	0	0%	0	0%
	North Bay Shore CDP NY	18	40	35	88%	0	0%	0	0%	4	10%
	Oakdale CDP NY	15	130	120	92%	0	0%	0	0%	4	3%
	Ronkonkoma CDP NY	14	350	334	95%	4	1%	0	0%	8	2%
	Sayville CDP NY	9	1,205	893	74%	4	0%	80	7%	19	2%
	West Islip CDP NY	25	115	110	96%	0	0%	0	0%	0	0%
	West Sayville CDP NY	9	125	115	92%	0	0%	4	3%	4	3%
	Holbrook CDP (pt.) NY	19	140	130	93%	4	3%	0	0%	4	3%
	Riverhead CDP NY	32	70	70	100%	0	0%	0	0%	0	0%
	Hauppauge CDP (pt.) NY	33	140	129	92%	4	3%	0	0%	0	0%
	Hauppauge CDP (pt.) NY	26	165	165	100%	0	0%	0	0%	0	0%
	Kings Park CDP NY	22	15	15	100%	0	0%	0	0%	0	0%
	Nesconset CDP NY	23	25	25	100%	0	0%	0	0%	0	0%
	St. James CDP NY	17	25	15	60%	0	0%	4	16%	0	0%
	Smithtown CDP NY	25	75	75	100%	0	0%	0	0%	0	0%
	Remainder of Smithtown town NY	24	40	40	100%	0	0%	0	0%	0	0%
	East Quogue CDP NY	29	25	25	100%	0	0%	0	0%	0	0%
	Flanders CDP NY	37	15	15	100%	0	0%	0	0%	0	0%
	Hampton Bays CDP NY	26	25	25	100%	0	0%	0	0%	0	0%
	Remainder of Islip town NY	25	35	34	97%	0	0%	0	0%	0	0%
	Huntington CDP NY	30	55	53	96%	0	0%	0	0%	0	0%
	Remainder of Southampton town NY	41	55	54	98%	0	0%	0	0%	0	0%
	Setauket-East Setauket CDP NY	22	35	35	100%	0	0%	0	0%	0	0%

<i>RESIDENCE</i>	<i>WORKPLACE</i>	<i>AVERAGE</i>	<i>WORKERS</i>	<i>AUTO:</i>		<i>TRANSIT:</i>		<i>WALKING:</i>		<i>OTHER:</i>	
		<i>TRAVEL</i>		<i>WORKERS</i>	<i>WORKERS</i>	<i>WORKERS</i>	<i>WORKERS</i>	<i>WORKERS</i>	<i>WORKERS</i>	<i>WORKERS</i>	<i>WORKERS</i>
		<i>TIME (min)</i>	<i>TOTAL</i>	#	%	#	%	#	%	#	%
	Shirley CDP NY	25	20	20	100%	0	0%	0	0%	0	0%
	Stony Brook CDP (pt.) NY	74	20	20	100%	0	0%	0	0%	0	0%
	Yaphank CDP NY	22	30	29	97%	0	0%	0	0%	0	0%
	Remainder of Brookhaven town NY	27	80	70	88%	10	13%	0	0%	0	0%
	Remainder of East Hampton town NY	39	30	25	83%	4	13%	0	0%	0	0%
	Commack CDP (pt.) NY	21	45	45	100%	0	0%	0	0%	0	0%
	Dix Hills CDP NY	34	40	39	98%	0	0%	0	0%	0	0%
	Islandia village NY	23	105	100	95%	0	0%	4	4%	0	0%
	Fort Salonga CDP (pt.) NY	17	20	20	100%	0	0%	0	0%	0	0%
	Port Jefferson Station CDP NY	50	25	19	76%	0	0%	0	0%	0	0%
	Huntington Station CDP NY	66	20	20	100%	0	0%	0	0%	0	0%
	Melville CDP NY	36	185	185	100%	0	0%	0	0%	0	0%
	Northport village NY	24	25	20	80%	0	0%	0	0%	4	16%
	Bayport CDP NY	11	120	119	99%	0	0%	0	0%	0	0%
	Bay Shore CDP NY	19	155	154	99%	0	0%	0	0%	0	0%
	Bohemia CDP NY	12	535	505	94%	15	3%	0	0%	14	3%
	Brentwood CDP NY	25	120	120	100%	0	0%	0	0%	0	0%
	Central Islip CDP NY	16	95	89	94%	0	0%	4	4%	0	0%
		19	80	80	100%	0	0%	0	0%	0	0%
	East Northport CDP NY	46	35	35	100%	0	0%	0	0%	0	0%
<i>Summary for 'RESIDENCE' = Sayville CDP (91 detail records)</i>											
Place Sum			7,735	6,821		460		96		71	

NOTE: Data on origin and destination refer to the residence location and the location at which workers carried out their work activities during the week prior to the Census survey

Table 1 Commuting Flows Available at State to POW State and County to POW County only

Current date: 7/3/2018 11:09:03 AM (Eastern Daylight Time)

Measures - Workers 16 and Over**PLACE OF RESIDENCE - ISLIP TOWN, SUFFOLK COUNTY, NY**

WORKPLACE	WORKERS	PERCENT	DISTRIBUTION
Fairfield town, Fairfield County, Connecticut	12	0.01%	
Greenwich town, Fairfield County, Connecticut	30	0.02%	
Stamford town, Fairfield County, Connecticut	38	0.02%	
Trumbull town, Fairfield County, Connecticut	10	0.01%	
Hartford town, Hartford County, Connecticut	6	0.00%	
Williamstown town, Berkshire County, Massachusetts	7	0.00%	
Bedford town, Middlesex County, Massachusetts	5	0.00%	
Rockland town, Plymouth County, Massachusetts	10	0.01%	
Ann Arbor city, Washtenaw County, Michigan	4	0.00%	
Allendale borough, Bergen County, New Jersey	11	0.01%	
Mahwah township, Bergen County, New Jersey	13	0.01%	
Moonachie borough, Bergen County, New Jersey	15	0.01%	
Paramus borough, Bergen County, New Jersey	17	0.01%	
Newark city, Essex County, New Jersey	102	0.06%	
Nutley township, Essex County, New Jersey	17	0.01%	
Bayonne city, Hudson County, New Jersey	33	0.02%	
Hoboken city, Hudson County, New Jersey	6	0.00%	
Jersey City city, Hudson County, New Jersey	157	0.10%	
Secaucus town, Hudson County, New Jersey	11	0.01%	
Readington township, Hunterdon County, New Jersey	30	0.02%	
Carteret borough, Middlesex County, New Jersey	11	0.01%	
Chatham borough, Morris County, New Jersey	7	0.00%	
Hanover township, Morris County, New Jersey	7	0.00%	
Parsippany-Troy Hills township, Morris County, New Jersey	46	0.03%	
Clifton city, Passaic County, New Jersey	16	0.01%	
Bernards township, Somerset County, New Jersey	11	0.01%	
Bridgewater township, Somerset County, New Jersey	9	0.01%	
Warren township, Somerset County, New Jersey	10	0.01%	
Union township, Union County, New Jersey	8	0.00%	
Albany city, Albany County, New York	58	0.04%	
Colonie town, Albany County, New York	9	0.01%	
Bronx borough, Bronx County, New York	777	0.48%	
Union town, Broome County, New York	12	0.01%	
Southport town, Chemung County, New York	8	0.00%	
Harpersfield town, Delaware County, New York	23	0.01%	
Pleasant Valley town, Dutchess County, New York	17	0.01%	
Catskill town, Greene County, New York	18	0.01%	
Manheim town, Herkimer County, New York	13	0.01%	
Brooklyn borough, Kings County, New York	2,944	1.80%	

WORKPLACE	WORKERS	PERCENT	DISTRIBUTION
Rochester city, Monroe County, New York	8	0.00%	
Glen Cove city, Nassau County, New York	261	0.16%	
North Hempstead town, Nassau County, New York	3,440	2.11%	
Oyster Bay town, Nassau County, New York	7,445	4.56%	
Manhattan borough, New York County, New York	7,972	4.89%	
Camden town, Oneida County, New York	10	0.01%	
Deerpark town, Orange County, New York	5	0.00%	
Milford town, Otsego County, New York	20	0.01%	
Carmel town, Putnam County, New York	22	0.01%	
Queens borough, Queens County, New York	6,250	3.83%	
North Greenbush town, Rensselaer County, New York	10	0.01%	
Clarkstown town, Rockland County, New York	25	0.02%	
Schenectady city, Schenectady County, New York	14	0.01%	
Huntington town, Suffolk County, New York	13,788	8.45%	
Smithtown town, Suffolk County, New York	12,516	7.67%	
Arcadia town, Wayne County, New York	15	0.01%	
Eastchester town, Westchester County, New York	14	0.01%	
Greenburgh town, Westchester County, New York	19	0.01%	
Mount Pleasant town, Westchester County, New York	34	0.02%	
Mount Vernon city, Westchester County, New York	10	0.01%	
New Rochelle city, Westchester County, New York	9	0.01%	
North Castle town, Westchester County, New York	10	0.01%	
Ossining town, Westchester County, New York	59	0.04%	
Rye town, Westchester County, New York	22	0.01%	
White Plains city, Westchester County, New York	41	0.03%	
Yonkers city, Westchester County, New York	48	0.03%	
Findlay township, Allegheny County, Pennsylvania	11	0.01%	
Chadds Ford township, Delaware County, Pennsylvania	14	0.01%	34.70%
Brookhaven town, Suffolk County, New York	17,863	10.95%	
East Hampton town, Suffolk County, New York	367	0.22%	
Riverhead town, Suffolk County, New York	1,086	0.67%	
Southampton town, Suffolk County, New York	1,878	1.15%	
Southold town, Suffolk County, New York	402	0.25%	13.23%
Philadelphia city, Philadelphia County, Pennsylvania	66	0.04%	
Hempstead town, Nassau County, New York	6,867	4.21%	
Long Beach city, Nassau County, New York	75	0.05%	
Staten Island borough, Richmond County, New York	208	0.13%	
Babylon town, Suffolk County, New York	14,668	8.99%	
Islip town, Suffolk County, New York	37,842	23.19%	36.60%
Islip town, Suffolk County, New York	25,227	15.46%	15.46%
Total	163,179	100.00%	100.00%

Source: U.S. Census Bureau, American Community Survey 2009-2013 Five-year estimates.

Special Tabulation: Census Transportation Planning

WORKPLACE	WORKERS	PERCENT	DISTRIBUTION
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Travel Route	Distribution
To Lakeland Ave NB	34.7%
Lakeland Ave NB to RT27 EB	13.2%
Lakeland Ave NB to RT27 WB	36.6%
Lakeland Ave SB to Railraod Ave	12.00%
Terry Rd to Cherry Ave	3.5%
Total	100%

Table 1 Commuting Flows Available at State to POW State and County to POW County only

Current date: 7/3/2018 11:09:03 AM (Eastern Daylight Time)

Measures - Workers 16 and Over			
Output		Estimate	Margin of Error
RESIDENCE	WORKPLACE		
Islip town, Suffolk County, New York	Bridgeport town, Fairfield County, Connecticut		
	Danbury town, Fairfield County, Connecticut		
	Fairfield town, Fairfield County, Connecticut	12	17
	Greenwich town, Fairfield County, Connecticut	30	26
	Shelton town, Fairfield County, Connecticut		
	Stamford town, Fairfield County, Connecticut	38	44
	Stratford town, Fairfield County, Connecticut		
	Trumbull town, Fairfield County, Connecticut	10	16
	Westport town, Fairfield County, Connecticut		
	East Hartford town, Hartford County, Connecticut		
	Glastonbury town, Hartford County, Connecticut		
	Hartford town, Hartford County, Connecticut	6	11
	Manchester town, Hartford County, Connecticut		
	Rocky Hill town, Hartford County, Connecticut		
	Goshen town, Litchfield County, Connecticut		
	Derby town, New Haven County, Connecticut		
	Meriden town, New Haven County, Connecticut		
	Milford town, New Haven County, Connecticut		
	New Haven town, New Haven County, Connecticut		
	Southbury town, New Haven County, Connecticut		
	Waterbury town, New Haven County, Connecticut		
	Bozrah town, New London County, Connecticut		
	Waterford town, New London County, Connecticut		
	Barnstable Town city, Barnstable County, Massachusetts		
	Williamstown town, Berkshire County, Massachusetts	7	12
	Fall River city, Bristol County, Massachusetts		
	Taunton city, Bristol County, Massachusetts		
	Andover town, Essex County, Massachusetts		

Output		Estimate	Margin of Error
RESIDENCE	WORKPLACE		
	Gloucester city, Essex County, Massachusetts		
	West Springfield Town city, Hampden County, Massachusetts		
	Northampton city, Hampshire County, Massachusetts		
	Bedford town, Middlesex County, Massachusetts	5	10
	Cambridge city, Middlesex County, Massachusetts		
	Woburn city, Middlesex County, Massachusetts		
	Nantucket town, Nantucket County, Massachusetts		
	Rockland town, Plymouth County, Massachusetts	10	16
	Boston city, Suffolk County, Massachusetts		
	Grafton town, Worcester County, Massachusetts		
	Ann Arbor city, Washtenaw County, Michigan	4	7
	Blaine city, Anoka County, Minnesota		
	Arden Hills city, Ramsey County, Minnesota		
	Wolfeboro town, Carroll County, New Hampshire		
	Manchester city, Hillsborough County, New Hampshire		
	Allendale borough, Bergen County, New Jersey	11	16
	Carlstadt borough, Bergen County, New Jersey		
	Englewood city, Bergen County, New Jersey		
	Englewood Cliffs borough, Bergen County, New Jersey		
	Fort Lee borough, Bergen County, New Jersey		
	Hackensack city, Bergen County, New Jersey		
	Leonia borough, Bergen County, New Jersey		
	Lyndhurst township, Bergen County, New Jersey		
	Mahwah township, Bergen County, New Jersey	13	20
	Montvale borough, Bergen County, New Jersey		
	Moonachie borough, Bergen County, New Jersey	15	19
	Palisades Park borough, Bergen County, New Jersey		
	Paramus borough, Bergen County, New Jersey	17	30
	Ramsey borough, Bergen County, New Jersey		
	Ridgefield Park village, Bergen County, New Jersey		
	Rochelle Park township, Bergen County, New Jersey		
	Rockleigh borough, Bergen County, New Jersey		

Output		Estimate	Margin of Error
RESIDENCE	WORKPLACE		
	Saddle Brook township, Bergen County, New Jersey		
	South Hackensack township, Bergen County, New Jersey		
	Teterboro borough, Bergen County, New Jersey		
	Waldwick borough, Bergen County, New Jersey		
	Westwood borough, Bergen County, New Jersey		
	Hainesport township, Burlington County, New Jersey		
	Pemberton township, Burlington County, New Jersey		
	Wrightstown borough, Burlington County, New Jersey		
	Cherry Hill township, Camden County, New Jersey		
	Middle township, Cape May County, New Jersey		
	Bloomfield township, Essex County, New Jersey		
	City of Orange township, Essex County, New Jersey		
	Fairfield township, Essex County, New Jersey		
	Irvington township, Essex County, New Jersey		
	Millburn township, Essex County, New Jersey		
	Montclair township, Essex County, New Jersey		
	Newark city, Essex County, New Jersey	102	59
	Nutley township, Essex County, New Jersey	17	26
	Roseland borough, Essex County, New Jersey		
	South Orange Village township, Essex County, New Jersey		
	West Orange township, Essex County, New Jersey		
	Bayonne city, Hudson County, New Jersey	33	52
	Hoboken city, Hudson County, New Jersey	6	10
	Jersey City city, Hudson County, New Jersey	157	82
	North Bergen township, Hudson County, New Jersey		
	Secaucus town, Hudson County, New Jersey	11	18
	Weehawken township, Hudson County, New Jersey		
	Readington township, Hunterdon County, New Jersey	30	35
	Carteret borough, Middlesex County, New Jersey	11	18
	Edison township, Middlesex County, New Jersey		
	Piscataway township, Middlesex County, New Jersey		
	Plainsboro township, Middlesex County, New Jersey		

Output		Estimate	Margin of Error
RESIDENCE	WORKPLACE		
	South Brunswick township, Middlesex County, New Jersey		
	Aberdeen township, Monmouth County, New Jersey		
	Hazlet township, Monmouth County, New Jersey		
	Neptune township, Monmouth County, New Jersey		
	Red Bank borough, Monmouth County, New Jersey		
	Shrewsbury township, Monmouth County, New Jersey		
	Chatham borough, Morris County, New Jersey	7	11
	East Hanover township, Morris County, New Jersey		
	Hanover township, Morris County, New Jersey	7	13
	Madison borough, Morris County, New Jersey		
	Morris township, Morris County, New Jersey		
	Netcong borough, Morris County, New Jersey		
	Parsippany-Troy Hills township, Morris County, New Jersey	46	45
	Rockaway township, Morris County, New Jersey		
	Beach Haven borough, Ocean County, New Jersey		
	Lakehurst borough, Ocean County, New Jersey		
	Stafford township, Ocean County, New Jersey		
	Clifton city, Passaic County, New Jersey	16	16
	Hawthorne borough, Passaic County, New Jersey		
	Passaic city, Passaic County, New Jersey		
	Totowa borough, Passaic County, New Jersey		
	Wayne township, Passaic County, New Jersey		
	Bernards township, Somerset County, New Jersey	11	18
	Branchburg township, Somerset County, New Jersey		
	Bridgewater township, Somerset County, New Jersey	9	15
	Warren township, Somerset County, New Jersey	10	16
	Vernon township, Sussex County, New Jersey		
	Clark township, Union County, New Jersey		
	Elizabeth city, Union County, New Jersey		
	Mountainside borough, Union County, New Jersey		
	New Providence borough, Union County, New Jersey		
	Rahway city, Union County, New Jersey		

Output		Estimate	Margin of Error
RESIDENCE	WORKPLACE		
	Union township, Union County, New Jersey	8	13
	Albany city, Albany County, New York	58	43
	Colonie town, Albany County, New York	9	13
	Guilderland town, Albany County, New York		
	Amity town, Allegany County, New York		
	Andover town, Allegany County, New York		
	Caneadea town, Allegany County, New York		
	Centerville town, Allegany County, New York		
	Bronx borough, Bronx County, New York	777	147
	Binghamton city, Broome County, New York		
	Dickinson town, Broome County, New York		
	Nanticoke town, Broome County, New York		
	Union town, Broome County, New York	12	21
	Vestal town, Broome County, New York		
	Dunkirk city, Chautauqua County, New York		
	Hanover town, Chautauqua County, New York		
	Elmira city, Chemung County, New York		
	Southport town, Chemung County, New York	8	15
	Coventry town, Chenango County, New York		
	Chazy town, Clinton County, New York		
	Copake town, Columbia County, New York		
	Cortland city, Cortland County, New York		
	Harpersfield town, Delaware County, New York	23	36
	Beekman town, Dutchess County, New York		
	Fishkill town, Dutchess County, New York		
	Hyde Park town, Dutchess County, New York		
	Pleasant Valley town, Dutchess County, New York	17	28
	Buffalo city, Erie County, New York		
	Hamburg town, Erie County, New York		
	Elizabethtown town, Essex County, New York		
	North Elba town, Essex County, New York		
	Malone town, Franklin County, New York		

Output		Estimate	Margin of Error
RESIDENCE	WORKPLACE		
	Catskill town, Greene County, New York	18	29
	Manheim town, Herkimer County, New York	13	19
	Brooklyn borough, Kings County, New York	2,944	418
	Portage town, Livingston County, New York		
	Lincoln town, Madison County, New York		
	Sullivan town, Madison County, New York		
	Penfield town, Monroe County, New York		
	Rochester city, Monroe County, New York	8	12
	Glen town, Montgomery County, New York		
	Minden town, Montgomery County, New York		
	Glen Cove city, Nassau County, New York	261	137
	Hempstead town, Nassau County, New York	6,867	659
	Long Beach city, Nassau County, New York	75	64
	North Hempstead town, Nassau County, New York	3,440	376
	Oyster Bay town, Nassau County, New York	7,445	662
	Manhattan borough, New York County, New York	7,972	715
	Camden town, Oneida County, New York	10	15
	Floyd town, Oneida County, New York		
	Verona town, Oneida County, New York		
	Clay town, Onondaga County, New York		
	Geddes town, Onondaga County, New York		
	Lysander town, Onondaga County, New York		
	Onondaga town, Onondaga County, New York		
	Farmington town, Ontario County, New York		
	Deerpark town, Orange County, New York	5	12
	Goshen town, Orange County, New York		
	Middletown city, Orange County, New York		
	Mount Hope town, Orange County, New York		
	Newburgh town, Orange County, New York		
	Wallkill town, Orange County, New York		
	Burlington town, Otsego County, New York		
	Milford town, Otsego County, New York	20	32

Output		Estimate	Margin of Error
RESIDENCE	WORKPLACE		
	Oneonta city, Otsego County, New York		
	Plainfield town, Otsego County, New York		
	Carmel town, Putnam County, New York	22	47
	Kent town, Putnam County, New York		
	Philipstown town, Putnam County, New York		
	Queens borough, Queens County, New York	6,250	629
	Nassau town, Rensselaer County, New York		
	North Greenbush town, Rensselaer County, New York	10	15
	Stephentown town, Rensselaer County, New York		
	Troy city, Rensselaer County, New York		
	Staten Island borough, Richmond County, New York	208	86
	Clarkstown town, Rockland County, New York	25	29
	Ramapo town, Rockland County, New York		
	Canton town, St. Lawrence County, New York		
	Milton town, Saratoga County, New York		
	Niskayuna town, Schenectady County, New York		
	Schenectady city, Schenectady County, New York	14	20
	Greenwood town, Steuben County, New York		
	Babylon town, Suffolk County, New York	14,668	815
	Brookhaven town, Suffolk County, New York	17,863	906
	East Hampton town, Suffolk County, New York	367	128
	Huntington town, Suffolk County, New York	13,788	800
	Islip town, Suffolk County, New York	63,069	1,726
	Poospatuck Reservation, Suffolk County, New York		
	Riverhead town, Suffolk County, New York	1,086	193
	Shelter Island town, Suffolk County, New York		
	Shinnecock Reservation, Suffolk County, New York		
	Smithtown town, Suffolk County, New York	12,516	799
	Southampton town, Suffolk County, New York	1,878	293
	Southold town, Suffolk County, New York	402	141
	Neversink town, Sullivan County, New York		
	Owego town, Tioga County, New York		

Output		Estimate	Margin of Error
RESIDENCE	WORKPLACE		
	Tioga town, Tioga County, New York		
	Ithaca city, Tompkins County, New York		
	Hurley town, Ulster County, New York		
	Marlborough town, Ulster County, New York		
	New Paltz town, Ulster County, New York		
	Shawangunk town, Ulster County, New York		
	Ulster town, Ulster County, New York		
	Arcadia town, Wayne County, New York	15	26
	Bedford town, Westchester County, New York		
	Cortlandt town, Westchester County, New York		
	Eastchester town, Westchester County, New York	14	23
	Greenburgh town, Westchester County, New York	19	21
	Harrison town, Westchester County, New York		
	Lewisboro town, Westchester County, New York		
	Mamaroneck town, Westchester County, New York		
	Mount Kisco town, Westchester County, New York		
	Mount Pleasant town, Westchester County, New York	34	31
	Mount Vernon city, Westchester County, New York	10	15
	New Rochelle city, Westchester County, New York	9	15
	North Castle town, Westchester County, New York	10	16
	Ossining town, Westchester County, New York	59	64
	Peekskill city, Westchester County, New York		
	Pelham town, Westchester County, New York		
	Rye city, Westchester County, New York		
	Rye town, Westchester County, New York	22	27
	Scarsdale town, Westchester County, New York		
	Somers town, Westchester County, New York		
	White Plains city, Westchester County, New York	41	32
	Yonkers city, Westchester County, New York	48	38
	Conewago township, Adams County, Pennsylvania		
	Findlay township, Allegheny County, Pennsylvania	11	18
	Penn Hills township, Allegheny County, Pennsylvania		

Output		Estimate	Margin of Error
RESIDENCE	WORKPLACE		
	Pittsburgh city, Allegheny County, Pennsylvania		
	Upper St. Clair township, Allegheny County, Pennsylvania		
	Bristol township, Bucks County, Pennsylvania		
	Center township, Butler County, Pennsylvania		
	Cranberry township, Butler County, Pennsylvania		
	Chadds Ford township, Delaware County, Pennsylvania	14	19
	Media borough, Delaware County, Pennsylvania		
	Greene township, Franklin County, Pennsylvania		
	Scranton city, Lackawanna County, Pennsylvania		
	Bethlehem city, Lehigh County, Pennsylvania		
	Chestnuthill township, Monroe County, Pennsylvania		
	East Norriton township, Montgomery County, Pennsylvania		
	Hatfield borough, Montgomery County, Pennsylvania		
	Horsham township, Montgomery County, Pennsylvania		
	Plymouth township, Montgomery County, Pennsylvania		
	Springfield township, Montgomery County, Pennsylvania		
	Upper Merion township, Montgomery County, Pennsylvania		
	Bethlehem city, Northampton County, Pennsylvania		
	Plainfield township, Northampton County, Pennsylvania		
	Philadelphia city, Philadelphia County, Pennsylvania	66	102
	Addison town, Addison County, Vermont		
	Montpelier city, Washington County, Vermont		

163179

U.S. Census Bureau, American Community Survey 2009-2013 Five-year estimates. Special Tabulation: Census Transportation Planning

Trip Generation Data

Land Use: 221

Multifamily Housing (Mid-Rise)

Description

Mid-rise multifamily housing includes apartments, townhouses, and condominiums located within the same building with at least three other dwelling units and that have between three and 10 levels (floors). Multifamily housing (low-rise) (Land Use 220), multifamily housing (high-rise) (Land Use 222), off-campus student apartment (Land Use 225), and mid-rise residential with 1st-floor commercial (Land Use 231) are related land uses.

Additional Data

In prior editions of *Trip Generation Manual*, the mid-rise multifamily housing sites were further divided into rental and condominium categories. An investigation of vehicle trip data found no clear differences in trip making patterns between the rental and condominium sites within the ITE database. As more data are compiled for future editions, this land use classification can be reinvestigated.

For the six sites for which both the number of residents and the number of occupied dwelling units were available, there were an average of 2.46 residents per occupied dwelling unit.

For the five sites for which the numbers of both total dwelling units and occupied dwelling units were available, an average of 95.7 percent of the total dwelling units were occupied.

Time-of-day distribution data for this land use are presented in Appendix A. For the eight general urban/suburban sites with data, the overall highest vehicle volumes during the AM and PM on a weekday were counted between 7:00 and 8:00 a.m. and 4:45 and 5:45 p.m., respectively.

For the four dense multi-use urban sites with 24-hour count data, the overall highest vehicle volumes during the AM and PM on a weekday were counted between 7:15 and 8:15 a.m. and 4:15 and 5:15 p.m., respectively. For the three center city core sites with 24-hour count data, the overall highest vehicle volumes during the AM and PM on a weekday were counted between 6:45 and 7:45 a.m. and 5:00 and 6:00 p.m., respectively.

For the six sites for which data were provided for both occupied dwelling units and residents, there was an average of 2.46 residents per occupied dwelling unit.

For the five sites for which data were provided for both occupied dwelling units and total dwelling units, an average of 95.7 percent of the units were occupied.

The average numbers of person trips per vehicle trip at the five center city core sites at which both person trip and vehicle trip data were collected were as follows:

- 1.84 during Weekday, Peak Hour of Adjacent Street Traffic, one hour between 7 and 9 a.m.
- 1.94 during Weekday, AM Peak Hour of Generator
- 2.07 during Weekday, Peak Hour of Adjacent Street Traffic, one hour between 4 and 6 p.m.
- 2.59 during Weekday, PM Peak Hour of Generator

The average numbers of person trips per vehicle trip at the 32 dense multi-use urban sites at which both person trip and vehicle trip data were collected were as follows:

- 1.90 during Weekday, Peak Hour of Adjacent Street Traffic, one hour between 7 and 9 a.m.
- 1.90 during Weekday, AM Peak Hour of Generator
- 2.00 during Weekday, Peak Hour of Adjacent Street Traffic, one hour between 4 and 6 p.m.
- 2.08 during Weekday, PM Peak Hour of Generator

The average numbers of person trips per vehicle trip at the 13 general urban/suburban sites at which both person trip and vehicle trip data were collected were as follows:

- 1.56 during Weekday, Peak Hour of Adjacent Street Traffic, one hour between 7 and 9 a.m.
- 1.88 during Weekday, AM Peak Hour of Generator
- 1.70 during Weekday, Peak Hour of Adjacent Street Traffic, one hour between 4 and 6 p.m.
- 2.07 during Weekday, PM Peak Hour of Generator

The sites were surveyed in the 1980s, the 1990s, the 2000s, and the 2010s in Alberta (CAN), British Columbia (CAN), California, Delaware, District of Columbia, Florida, Georgia, Illinois, Maryland, Massachusetts, Minnesota, New Hampshire, New Jersey, Ontario, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Utah, Virginia, and Wisconsin.

Source Numbers

168, 188, 204, 305, 306, 321, 357, 390, 436, 525, 530, 579, 638, 818, 857, 866, 901, 904, 910, 912, 918, 934, 936, 939, 944, 947, 948, 949, 959, 963, 964, 966, 967, 969, 970

Multifamily Housing (Mid-Rise) (221)

Vehicle Trip Ends vs: Dwelling Units

On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 7 and 9 a.m.

Setting/Location: General Urban/Suburban

Number of Studies: 53

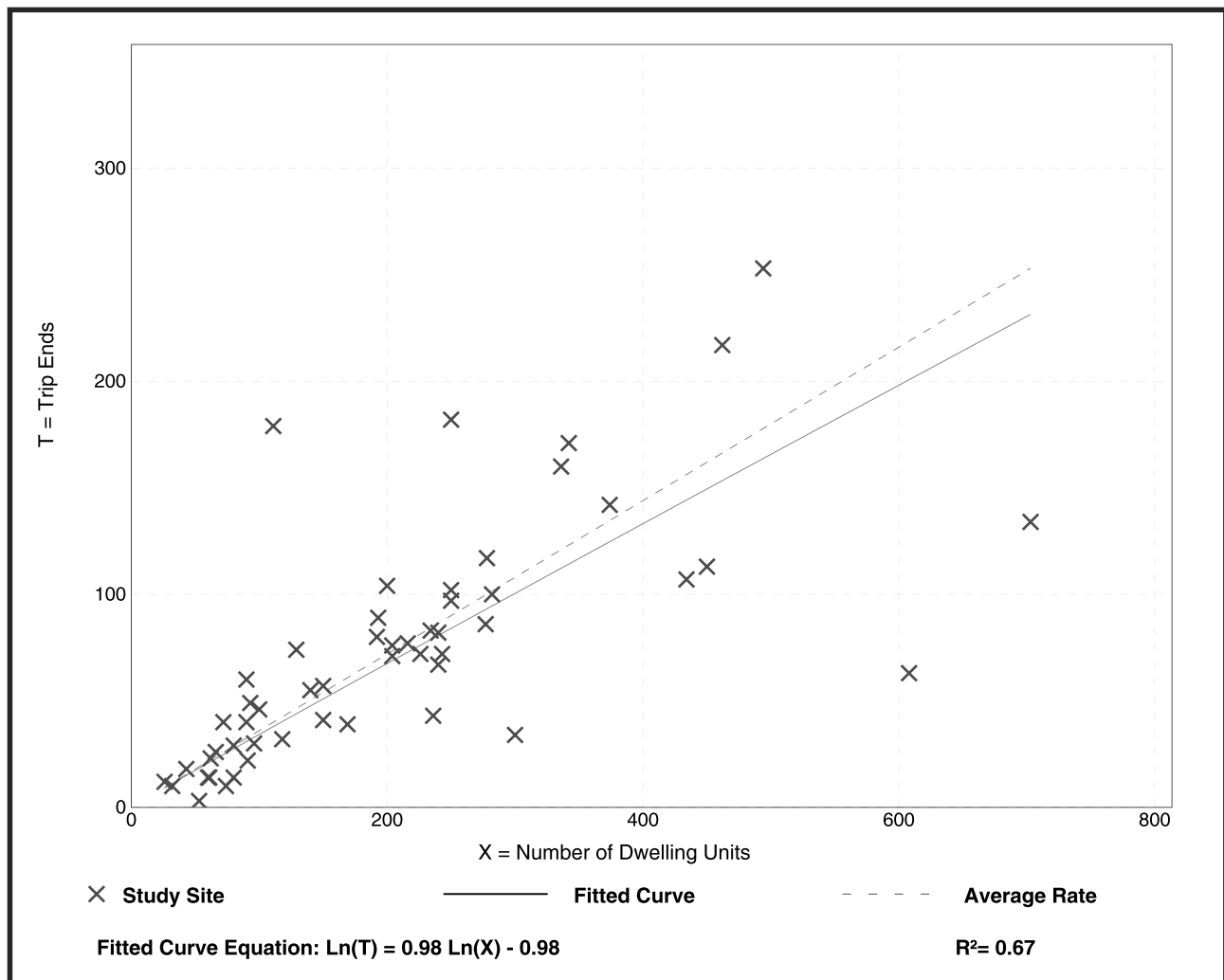
Avg. Num. of Dwelling Units: 207

Directional Distribution: 26% entering, 74% exiting

Vehicle Trip Generation per Dwelling Unit

Average Rate	Range of Rates	Standard Deviation
0.36	0.06 - 1.61	0.19

Data Plot and Equation



Multifamily Housing (Mid-Rise) (221)

Vehicle Trip Ends vs: Dwelling Units

On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban

Number of Studies: 60

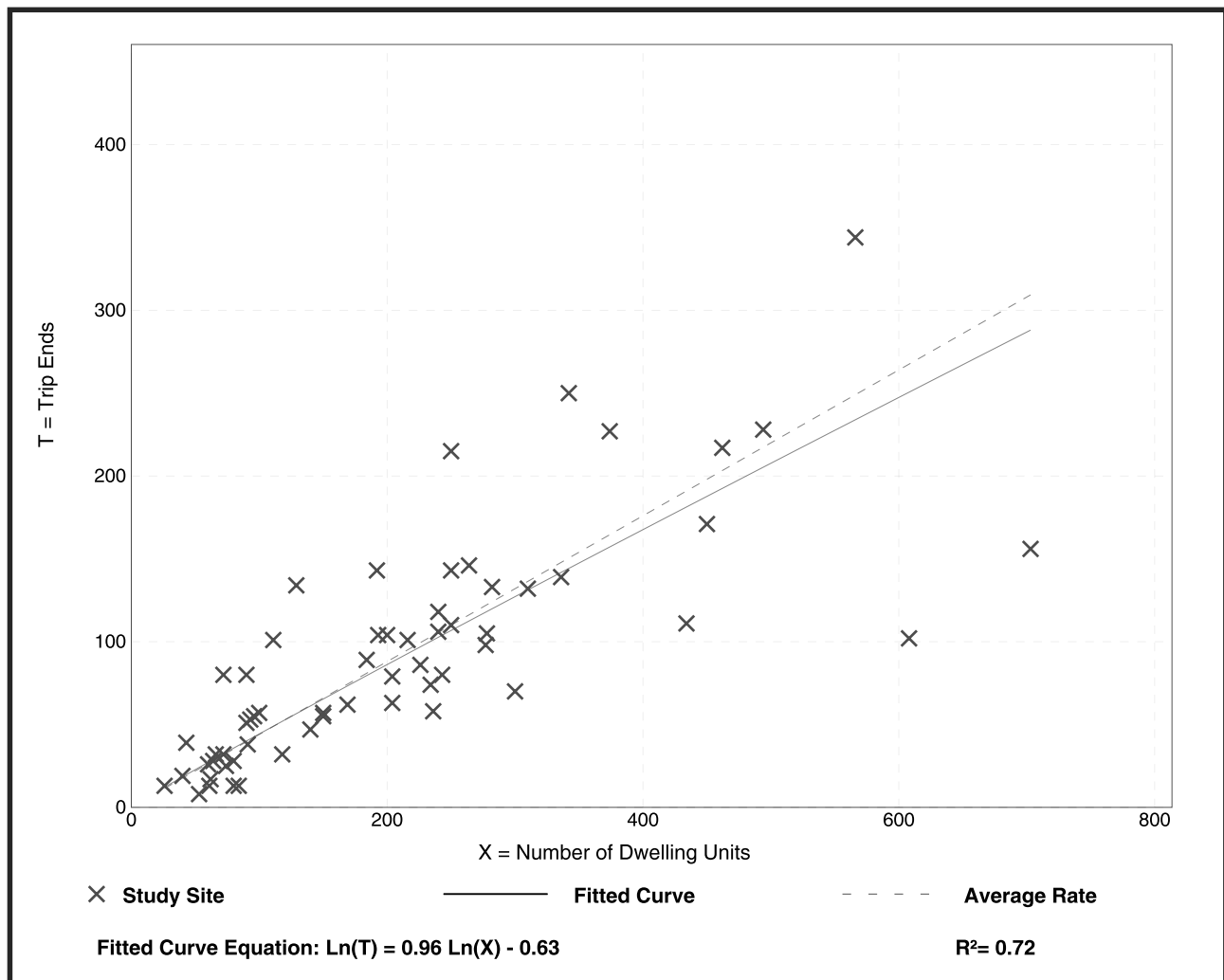
Avg. Num. of Dwelling Units: 208

Directional Distribution: 61% entering, 39% exiting

Vehicle Trip Generation per Dwelling Unit

Average Rate	Range of Rates	Standard Deviation
0.44	0.15 - 1.11	0.19

Data Plot and Equation



Multifamily Housing (Mid-Rise) (221)

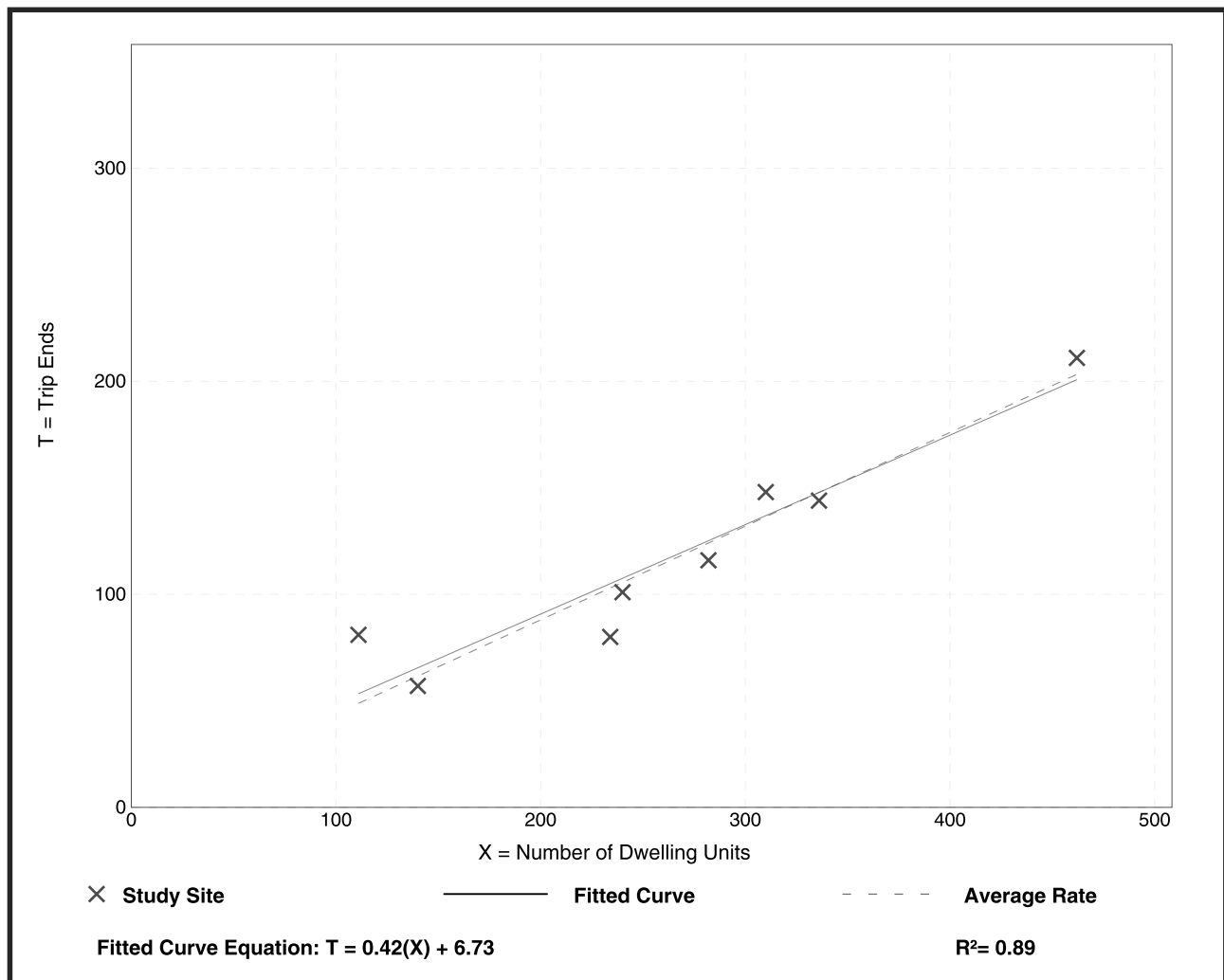
Vehicle Trip Ends vs: Dwelling Units
On a: Saturday, Peak Hour of Generator

Setting/Location: General Urban/Suburban
Number of Studies: 8
Avg. Num. of Dwelling Units: 264
Directional Distribution: 49% entering, 51% exiting

Vehicle Trip Generation per Dwelling Unit

Average Rate	Range of Rates	Standard Deviation
0.44	0.34 - 0.73	0.08

Data Plot and Equation



NELSON & POPE

TRIP GENERATION

Project Name: Island Hills Sayville
N&P Project No. 16130

	Phase 1 (138 units)	Phase 2 (222 Units)	Phase 3(318 units)	Phase 4 (289 units)	Phase 5 (213 units)	Phase 6 (185 units)	Total (1365 units)
AM	13 enter <u>37</u> exit 50 total	21 enter <u>59</u> exit 80 total	29 enter <u>85</u> exit 114 total	27 enter <u>77</u> exit 104 total	20 enter <u>57</u> exit 77 total	17 enter <u>50</u> exit 67 total	127 enter <u>365</u> exit 492 total
PM	37 enter <u>24</u> exit 61 total	60 enter <u>38</u> exit 98 total	85 enter <u>55</u> exit 140 total	77 enter <u>50</u> exit 127 total	57 enter <u>37</u> exit 94 total	49 enter <u>32</u> exit 81 total	365 enter <u>236</u> exit 601 total
SATURDAY	30 enter <u>31</u> exit 61 total	48 enter <u>50</u> exit 98 total	69 enter <u>71</u> exit 140 total	62 enter <u>65</u> exit 127 total	46 enter <u>48</u> exit 94 total	39 enter <u>42</u> exit 81 total	294 enter <u>307</u> exit 601 total

	Phase 1 (138 units)	Phase 2 (222 Units)	Phase 3(318 units)	Phase 4 (289 units)	Phase 5 (213 units)	Total (1180 units)
AM	13 enter <u>37</u> exit 50 total	21 enter <u>59</u> exit 80 total	29 enter <u>85</u> exit 114 total	27 enter <u>77</u> exit 104 total	20 enter <u>57</u> exit 77 total	110 enter <u>315</u> exit 425 total
PM	37 enter <u>24</u> exit 61 total	60 enter <u>38</u> exit 98 total	85 enter <u>55</u> exit 140 total	77 enter <u>50</u> exit 127 total	57 enter <u>37</u> exit 94 total	316 enter <u>204</u> exit 520 total
SATURDAY	30 enter <u>31</u> exit 61 total	48 enter <u>50</u> exit 98 total	69 enter <u>71</u> exit 140 total	62 enter <u>65</u> exit 127 total	46 enter <u>48</u> exit 94 total	255 enter <u>265</u> exit 520 total

	Phase 1 (138 units)	Phase 2 (222 Units)	Phase 3(318 units)	Phase 4 (289 units)	Total (967 units)
AM	13 enter <u>37</u> exit 50 total	21 enter <u>59</u> exit 80 total	29 enter <u>85</u> exit 114 total	27 enter <u>77</u> exit 104 total	90 enter <u>258</u> exit 348 total
PM	37 enter <u>24</u> exit 61 total	60 enter <u>38</u> exit 98 total	85 enter <u>55</u> exit 140 total	77 enter <u>50</u> exit 127 total	259 enter <u>167</u> exit 426 total
SATURDAY	30 enter <u>31</u> exit 61 total	48 enter <u>50</u> exit 98 total	69 enter <u>71</u> exit 140 total	62 enter <u>65</u> exit 127 total	209 enter <u>217</u> exit 426 total

	Phase 1 (138 units)	Phase 2 (222 Units)	Phase 3(318 units)	Total (678 units)
AM	13 enter <u>37</u> exit 50 total	21 enter <u>59</u> exit 80 total	29 enter <u>85</u> exit 114 total	63 enter <u>181</u> exit 244 total
PM	37 enter <u>24</u> exit 61 total	60 enter <u>38</u> exit 98 total	85 enter <u>55</u> exit 140 total	182 enter <u>117</u> exit 299 total
SATURDAY	30 enter <u>31</u> exit 61 total	48 enter <u>50</u> exit 98 total	69 enter <u>71</u> exit 140 total	147 enter <u>152</u> exit 299 total

	Phase 1 (138 units)	Phase 2 (222 Units)	Total (360 units)
AM	13 enter <u>37</u> exit 50 total	21 enter <u>59</u> exit 80 total	34 enter <u>96</u> exit 130 total
PM	37 enter <u>24</u> exit 61 total	60 enter <u>38</u> exit 98 total	97 enter <u>62</u> exit 159 total
SATURDAY	30 enter <u>31</u> exit 61 total	48 enter <u>50</u> exit 98 total	78 enter <u>81</u> exit 159 total

	Phase 1 (138 units)
AM	13 enter <u>37</u> exit 50 total
PM	37 enter <u>24</u> exit 61 total
SATURDAY	30 enter <u>31</u> exit 61 total

NELSON & POPE

TRIP GENERATION

Project Name: Island Hills Sayville

N&P Project No. 16130

	Proposed Project	Alternative 2	Alternative 3	Alternative 4	Alternative 5	Alternative 7	Alternative 8
	1365 Units (Mid-Rise)	98 Single Family Homes	39 Single Fam Homes 1,000 Townhouse Units	59 Single Fam Homes 122 Duplex Units	800 Grey Barn Units 59 Sr Housing Units 400 Ind. Living Units 150 Asst. Living 120 Nursing Home Units	1365 Units (Mid-Rise)	1,000,000 SF Industrial Park
AM	127 enter <u>364</u> exit 491 total	18 enter <u>56</u> exit 74 total	114 enter <u>378</u> exit 492 total	25 enter <u>78</u> exit 103 total	165 enter <u>406</u> exit 571 total	127 enter <u>364</u> exit 491 total	324 enter <u>76</u> exit 400 total
PM	366 enter <u>235</u> exit 601 total	63 enter <u>37</u> exit 100 total	379 enter <u>222</u> exit 601 total	81 enter <u>48</u> exit 129 total	438 enter <u>299</u> exit 737 total	366 enter <u>235</u> exit 601 total	84 enter <u>316</u> exit 400 total
SATURDAY	294 enter <u>307</u> exit 601 total	54 enter <u>46</u> exit 100 total	319 enter <u>272</u> exit 591 total	72 enter <u>62</u> exit 134 total	372 enter <u>320</u> exit 692 total	294 enter <u>307</u> exit 601 total	141 enter <u>299</u> exit 440 total