

APPENDIX A: DATA SOURCES

All public opinion data in this report are from *Long Island Looks to the Future: Housing Alternatives and Downtown Development* a regional public opinion survey conducted by Stony Brook University's Center for Survey Research for the Rauch Foundation in Fall 2007. A full copy of survey report is available at www.longislandindex.org.

SPECIAL ANALYSIS

Housing Units in Structure, Long Island and Tri-State Region

Data are from the 2006 American Community Survey, and analyzed by Regional Plan Association.

Map: Regional Population Density in 2000

Data was obtained from the US Census Bureau from the 2000 Census Summary File 3 for total population and total land area by ZIP Code throughout the tri-state region. ZIP Code boundaries are represented by the Census Bureau's "ZIP Code tabulation areas" (ZCTA), a statistical geographic entity that approximates the delivery area for a U.S. Postal Service five-digit ZIP Code. The ZCTAs were created in 2000 specifically to display demographic data collected through the 2000 Census. Commuter rail line geography was obtained from the New York State Department of Transportation via the New York State GIS Clearinghouse, current as of 2006.

Methodology: persons per square mile = total population/square miles for each ZIP Code. Data was analyzed and map created by CUNY Mapping Service at the Center for Urban Research.

Map: LI Profiles map showing homes < \$250,000 in 2000 and 2006-7

Long Island Profiles of Brightwaters, NY, (www.LIProfiles.com), a private firm that gathers house price sale data from all towns and cities in Long Island each year, provided house price data which was analyzed by the Center for Urban Research at the CUNY Graduate Center. The company compiled the number of home sales by ZIP Code by year from 2000 through 2006 and for the first half of 2007 in the following price categories:

- Less than \$125,000
- \$125,000 to \$249,999
- \$250,000 to \$374,999
- \$375,000 to \$499,999
- \$500,000 to \$624,999 and
- \$625,000 and greater.

Some of the ZIP Codes listed by LI Profiles corresponded to PO Boxes rather than geographic ZIP Codes that can be mapped. These PO Box totals were therefore added to the data for the corresponding ZIP Code that "enclosed" the PO Box. For example, Point Lookout's ZIP Code is 11569, but this only represents a PO Box physically located within ZIP Code 11561 which has a boundary and can be mapped. In this example, in 2000 the data identifies 7 sales under \$250,000 for ZIP Code 11569 and 170 sales for ZIP Code 11561. Adding these together provides 177 sales under \$250,000 for ZIP Code 11561 that encompasses Long Beach, Lido Beach, and Point Lookout. A geographic database from the New York State GIS Clearinghouse ("PostallInventory") was used to match PO Box ZIP Codes with their corresponding enclosing ZIP Codes.

A cartographic technique known as "graduated symbols" was used to display the ZIP Code totals. A circle is placed at the center of each ZIP Code, varying by size in this case according to the total home sales under \$250,000 for each ZIP Code. This approach makes it easier to see which ZIP Codes had the most or least sales in this category regardless of the geographic size of the ZIP Code.

The totals for all ZIP Codes from 2006 and the first six months of 2007 were added together and divided by 1.5 in order to calculate annualized totals. This enabled a consistent comparison with the

annual data from 2000. Data was analyzed and map created by CUNY Mapping Service at the Center for Urban Research.

Note: An error was made in the *Long Island Index 2007* report regarding the percent of homes sold for under \$250,000 in 2006. The number was reported as less than 2%; a re-analysis of the data clarified that this should have been 4.4%.

Sales Prices of Homes on Long Island, 2000-2007

Long Island Profiles of Brightwaters, NY, (www.LIProfiles.com), a private firm that gathers house price sale data from all towns and cities in Long Island each year, provided house price data. The company compiled the number of home sales by ZIP Code by year from 2000 through 2006 and for the first half of 2007.

Rental Prices and Share of Renter-Occupied Units

Data are from the 2000 U.S. Census of Population and the American Community Survey (2001 – 2006), and analyzed by Regional Plan Association.

Map: Statewide Housing Cost Burden in 2006

Data are from the 2006 American Community Survey. A household with a high housing cost burden is defined in this case as a household paying 35% or more of income in housing expenses. Both renters and owners are included. Data were analyzed by Regional Plan Association and map created by CUNY Mapping Service at the Center for Urban Research.

Share of Households with a High Housing Cost Burden

Data are from the 2000 U.S. Census of Population and the 2006 American Community Survey. A household with a high housing cost burden is defined in this case as a household paying 35% or more of income in housing expenses. Both renters and owners are included. Data were analyzed by Regional Plan Association.

Change in Number of 25-34 Year Old Residents

Data are from the 1990 and 2000 U.S. Census of Population and the American Community Survey (2001 – 2006), and were analyzed by Regional Plan Association.

Map: Statewide Population Change from 1990 to 2006 for Persons Aged 25-34

Data are from the 1990 and 2000 U.S. Census of Population and the American Community Survey (2001 – 2006). Data were analyzed by Regional Plan Association and map created by CUNY Mapping Service at the Center for Urban Research.

Share of Households Aged 25-34 that Spend >35% of their Income on Housing Costs

Data are from the 2000 U.S. Census of Population and the 2006 American Community Survey, and analyzed by Regional Plan Association.

Building Permits Issues for New Residential Units

Data are from the Census Bureau Building Permits Survey, 1980-2006, analyzed by Regional Plan Association.

Comparisons to other regions are inclusive of the following counties:

New York City:	Bronx, Kings, New York, Queens, Richmond
Long Island:	Nassau, Suffolk
Hudson Valley:	Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster, Westchester
Northern New Jersey:	Bergen, Essex, Hudson, Hunterdon, Mercer, Middlesex, Monmouth, Morris, Ocean, Passaic, Somerset, Sussex, Union, Warren
Southwestern Connecticut:	Fairfield, Litchfield, New Haven

Housing Permits per 1,000 People

Data are from the 2000 U.S. Census of Population, the Census Bureau Building Permits Survey and the American Community Survey (2001 – 2006), and analyzed by Regional Plan Association.

Share of All New Residential Building Permits

Data are from the 2000 U.S. Census of Population, the Census Bureau Building Permits Survey and the American Community Survey (2001 – 2006), and analyzed by Regional Plan Association.

Map: Long Island's Housing Stock by Decade

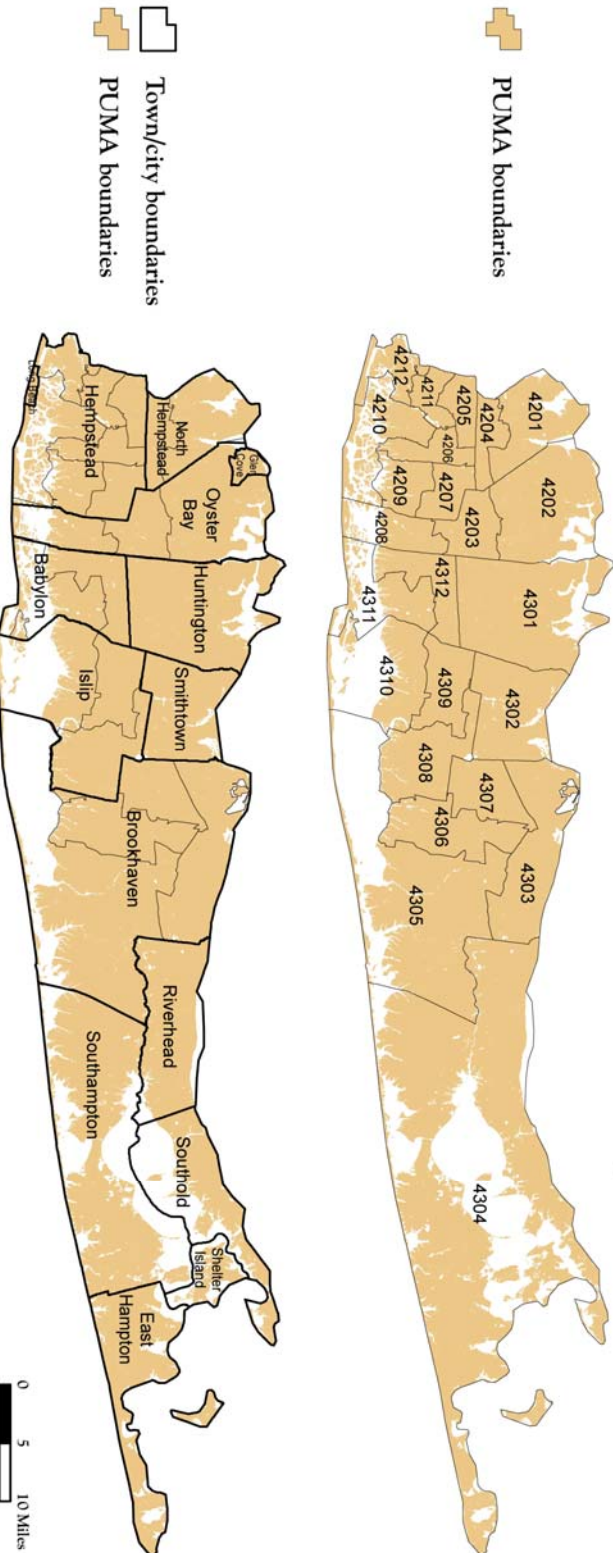
Data were obtained from the US Census Bureau's American Community Survey in 2006, specifically the Public Use Microdata Series 5 percent sample. This enabled the Center for Urban Research to cross-tabulate 2006 housing stock by decade built at a geographic level smaller than counties or towns for much of Long Island. The microdata files are tabulated according to Public Use Microdata Area (PUMA), which are geographic areas comprising 100,000 people, created by the US Census Bureau for statistical analysis. In Nassau County and several areas of Suffolk County, PUMAs are smaller than towns, enabling a more fine-grained spatial display of the information. (See reference map below indicating which communities are located in each PUMA.)

The 2006 PUMA data provides the number of housing units built before 1940 and then for individual decades from 1940 through 1999, then for 2000 to 2004 and from 2005 onward. The Center for Urban Research collapsed these categories into 1940 to 1959, 1960 to 1979, 1980 to 1999, and 2000 onward. The totals were divided by the number of years in each overall category to calculate an annual average. Data for units built prior to 1940 was not included because the Census Bureau only provides totals for "1939 and earlier." This prevented us from calculating an annual average for that period.

Data were analyzed and map created by CUNY Mapping Service at the Center for Urban Research. (See map on next page)

PUMA	Municipalities within PUMA
4201	Northern villages in North Hempstead (31 of them)
4202	Upper Oyster Bay villages (22 of them)
4203	Bethpage, Hicksville, Old Bethpage, Plainedge, Plainview
4204	Albertson, Carle Pl, E Williston, Garden City Pk, Herricks, Manhasset Hills, Mineola, New Cassel, New Hyde Pk, Roslyn Hts, Seasingtown, Westbury
4205	Bellerose, Bellerose Terr, Elmont, Floral Park, Franklin Sq, Garden City, Garden City South, S Floral Park, Stewart Manor
4206	E Garden City, Freeport, Hempstead, Roosevelt, Uniondale
4207	E Meadow, Lefittown, N Wantagh, Salisbury
4208	E Massapequa, Farmingdale, Massapequa, Massapequa Park, N Massapequa, S Farmingdale
4209	Bellmore, Merrick, N Bellmore, N Merrick, Seaford, Wantagh
4210	Baldwin, Baldwin Harbor, Island Park, Lido Beach, Oceanside, Pt Lookout, Rockville Centre, S Hempstead
4211	Lakeview, Lynbrook, Malverne, N Lynbrook, N Valley Stream, Valley Stream, W Hempstead
4212	Atlantic Beach, Bay Park, Cedarhurst, E Atlantic Beach, E Rockaway, Hewlett(s), Inwood, Lawrence, Long Beach, S Valley Stream, Woodmere, Woodsburgh
4301	Town of Huntington
4302	Town of Smithtown
4303	Belle Terre, E Shoreham, Miller Pl, Mt Sinai, Old Field, Poquott, Port Jeff, Port Jeff Sta, Ridge, Rocky Pt, Setauket, Shoreham, Sound Beach, Stony Bk
4304	Towns of Riverhead, Southampton, Southold, East Hampton, Shelter Island
4305	Bellport, Brookhaven, Center Moriches, Eastport, Fire Island, Manorville, Mastic, Mastic Beach, Middle Island, Moriches, N Bellport, Shirley, Yaphank
4306	Coram, East Patchogue, Gordon Hts, Medford, N Patchogue, Patchogue
4307	Centereach, Farmingville, Lake Grove, Lake Ronkonkoma, Selden, Terryville
4308	Bayport, Blue Pt, Bohemia, Hauppauge, Holbrook, Holtsville, Oakdale, Ronkonkoma, Sayville, W Sayville
4309	Baywood, Brentwood, Central Islip, Islandia, N Bay Shore, N Great River
4310	Bay Shore, Brightwaters, E Islip, Gilgo, Great River, Islip, Islip Terrace, Ocean Beach, Saltaire, W Bay Shore, W Islip
4311	Babylon, Lindenhurst, N Babylon, W Babylon
4312	Amityville, Copiague, Deer Park, E Farmingdale, N Amityville, N Lindenhurst, Wheatley Hts, Wyandanch

Public Use Microdata Area (PUMA) reference maps



Prepared by the Center for Urban Research at the CUNY Graduate Center.

Long Island's Downtowns

The balance of the graphs in the Special Analysis are drawn from the data on Long Island's downtowns that was collected from August to October 2007 by the Rauch Foundation. The downtowns surveyed included: Babylon, Bay Shore, Cedarhurst, Freeport, Great Neck, Greenport, Hempstead Village, Hicksville, Huntington, Huntington Station, Islip, Long Beach, Mineola, Patchogue, Port Jefferson, Port Jefferson Station, Riverhead, Rockville Centre, Roosevelt, Sayville, Smithtown, Southampton, Westbury.

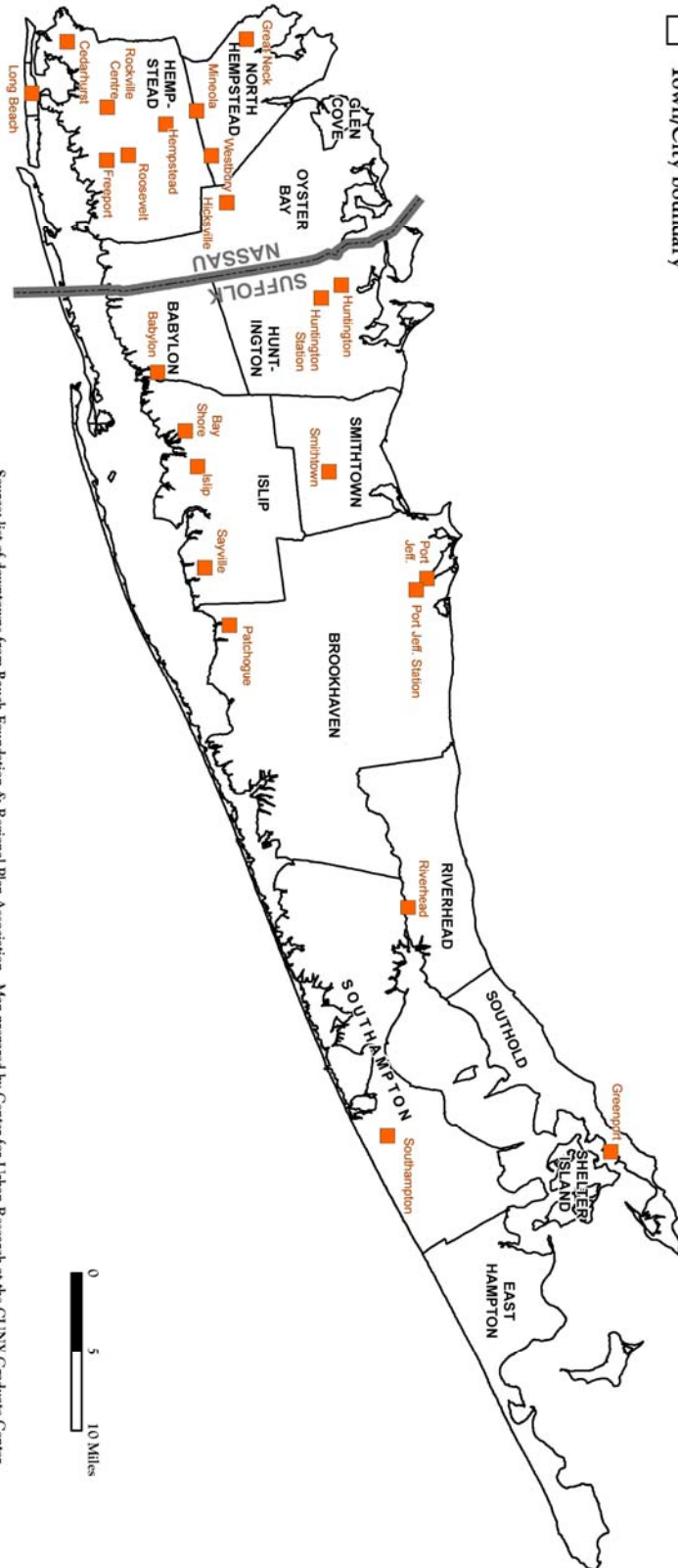
Selection Process: 2000 Census data were gathered for each of the places (Village, City or Census-Designated Place) containing the 105 downtowns (41 in Nassau; 64 in Suffolk) analyzed in the 2007 *Long Island Index* study of retail/service and vacancy rates, plus an additional 6 downtowns. Census Tract data was used for the area that encompasses downtown Great Neck. Using the Census data, the places were segregated by population into small (less than 5,000), medium (5,000-20,000) and large (greater than 20,000). The places were then ranked according to their share of 18-34 year-old residents, their income distribution, their ethnic diversity and the size of their daytime population. A list of places that combined these characteristics was developed and refined to ensure the representation of the north and south shore as well as the middle of the island. Preference was also given to those downtowns with LIRR stations. Finally, a couple of downtowns that did not meet all of these criteria but were considered important prototypes were added to the list. The final list included 23 downtowns featured in Figure 1.

23 Downtowns were surveyed through field visits in an effort characterize the vitality of the downtowns and identify their trends, including housing options. Data collected included the number and height of residential and office buildings, type of parking, nearby open spaces, uses of downtown buildings including retail/service rates, vacancy rates, and an in-depth record of types of eateries, coffee shops, culture and entertainment uses, and service and institutional uses. Some information – including building type and height and open space- was collected for the areas immediately surrounding the downtown. Qualitative descriptions of each downtown were also produced by field researchers along with photos.

Additional data on these downtowns and comparative data on population density compiled from 2000 U.S. Census of Population Census Block Groups. All data analyzed by Regional Plan Association.

Locations of surveyed downtowns

- Surveyed downtowns
- Town/City boundary



Source: list of downtowns from Rauch Foundation & Regional Plan Association. Map prepared by Center for Urban Research at the CUNY Graduate Center.

ECONOMY

Indicator: Gross Domestic Product/Gross Metropolitan Product

Data were provided by Economy.com. The figures reflect financial transactions in a given sector less the value of intermediate goods and services purchased to facilitate the production. GMP can thus be conceptualized as the net output of an economy or sector and is the sum of labor costs paid to employees and profits retained by firms. GMP data were adjusted for inflation by Economy.com. Data were analyzed by Hofstra University.

Indicator: Employment Trends

Data were provided by Bureau of Labor Statistics. Employment figures are total non-farm private employment, and government and military employment, 1998-2007. Data were analyzed by Hofstra University.

Indicator: Growth in Wages over the Past 10 Years

Regional average pay data were provided by the Bureau of Labor Statistics. Average pay per employee was calculated by dividing total annual payroll by total private non-farm (TPNF) employment. Total annual payroll includes wages, salaries, bonuses and stock options. Data were analyzed by Hofstra University.

Indicator: Household Income Distribution

Data are from the March Supplements of the Census Bureau's Current Population Survey (CPS). Household income includes earned and unearned income for all persons living in the same household. Household income was standardized to a four-person unit by doubling household income and dividing it by the square root of the number of household residents. Reported incomes were adjusted for inflation (i.e., converted to 2004 dollars) according to the national Consumer Price Index (all urban consumers) published by the U.S. Bureau of Labor Statistics. Data for each survey year are subject to sampling error. In order to increase the reliability of the reported incomes as estimates of the Long Island population of households, a three-year rolling average was created for each year reported. Each average included the income from the survey of the prior year, current year, and subsequent year. Such data are best used to track trends over longer periods of time, and not year-to-year shifts. Data were analyzed by Hofstra University.

Indicator: Industry Clusters

Data were provided by the Bureau of Labor Statistics. Clusters are sub-sectors of the regional economy made up of interdependent firms in related industries that transact business outside of the local area. Sectors of the economy were combined according to the NAICS (North American Industrial Classification System) codes to form distinct groupings of firms that are situated similarly in the economy. Appendix B identifies the specific sub-sectors that comprise each cluster. Federal, state and local government includes all civilian employees of government, including teachers and other employees of public school districts, county and state colleges and universities, and employees of local special districts (water, fire, etc.). Cluster groupings were updated for the 2008 report and were analyzed by Hofstra University.

Indicator: Nonemployer Businesses

Nonemployer statistics produced by the U.S. Census Bureau is based on tax return data from the Internal Revenue Service. A nonemployer business has no payroll and reports annual receipts of at least \$1000. According to the U.S. Census Bureau, these businesses are mostly self-employed individuals operating very small unincorporated businesses, which may or may not be the owner's principal source of income.

Indicator: Venture Capital Financing

Data are from the PricewaterhouseCoopers/Thomson Venture Economics/National Venture Capital Association/MoneyTree™ Survey and analyzed by Hofstra University.

Indicator: Research and Development Investment

Data were provided by the RAND Corporation and New York State Office of Science, Technology and Academic Research (NYSTAR). Figures represent the average annual funding that went to Long Island research universities, labs and corporations. Dollar figures are inflation-adjusted and set to 2004 values. Data were analyzed by Hofstra University.

OUR COMMUNITIES

Indicator: Long Island's Changing Population

Population Change: Data are from the U.S. Census of Population, 1990 and 2000, and the American Community Survey (2001 – 2006), and analyzed by Regional Plan Association.

Migration: Data are from the United States Internal Revenue Service and specifically track the number of exemptions on tax returns by county of residence. By tracking year-to-year changes in the residence where returns were filed for specific individuals, the IRS calculates how many people moved to and from individual counties. Data were analyzed by Regional Plan Association.

Race and Ethnicity: Data are from the U.S. Census of Population, 1990 and 2000, and the 2006 American Community Survey, and analyzed by Regional Plan Association.

Age Distribution: Data are from the U.S. Census of Population, 1990 and 2000, and the 2006 American Community Survey, and analyzed by Regional Plan Association.

Indicator: Housing Affordability

Home Sale Prices: Long Island Profiles of Brightwaters, NY, (www.LIProfiles.com), a private firm that gathers house sale prices from all towns and cities in Long Island each year, provided house price data. Prices and income are not adjusted for inflation; the data sets are produced in brackets and accurate adjustments are not possible. Data were analyzed by Regional Plan Association.

High Housing Cost Burden and Median Rents: Data are from the U.S. Census of Population, 1990 and 2000, and the American Community Survey (2001 – 2006), and analyzed by Regional Plan Association.

Indicator: Hunger

Data were compiled by Hofstra University from the 2000 U.S. Census and the 2001 – 2004 American Community Survey (the latest available data source).

Indicator: Transit Ridership

Data were compiled by Regional Plan Association from the National Transit Database, Annual Unlinked Passenger Trips for 2000 to 2006 and Suffolk County Transit and Huntington Area Rapid Transit for 2000 and 2006 and the Long Island Rail Road for 1998 and 2006.

Indicator: Intermodal Transfers

Train and bus schedule information was taken from the Long Island Rail Road website, <http://www.mta.info/lirr/html/ttn/lirrtt.htm> as well as the MTA LI Bus and Suffolk County Transit websites (www.mta.info/libus/routes/routes.htm and www.sctbus.org/schedules.html). Data were compiled for eastbound and westbound trains during the weekday hours of 7-9am and 5-7pm only. Only bus lines that stop at the train stations in Nassau and Suffolk were considered in terms of the transfer times. Data were compiled and analyzed by Sustainable Long Island.

HEALTH

All data were provided by the North Shore-LIJ Health System Planning Office of Strategic Planning and Program Development. Supplementary analyzes were provided by Hofstra University.

EDUCATION

All data are from the New York State Education Department. The 2008 Index reports the performance of students at the level of the individual school. Data were analyzed by Hofstra University.

OUR ENVIRONMENT

Indicator: Land Preservation

All data were collected and tabulated by Rauch Foundation staff. For the purposes of the *Long Island Index*, preserved land is defined as “open space or farmland that has been preserved by a municipality either through outright acquisition, easement or transfer of development rights.”

The numbers reported in the *Index* reflect the best available data to date for the number of acres preserved and the total amount of funds expended on preservation. Data were not available from some municipalities either because data have not been maintained or no land preservation program exists. Data were provided by the following offices:

Nassau County, 2006
New York State, Department of Environmental Conservation, Region #1; 1977 - 2006
Suffolk County, Department of Planning; 1977 – 2006
Town of Brookhaven, Department of Planning, Environment & Land Management; 2000 - 2006
Town of East Hampton, Department of Land Acquisition; 2000 – 2006
Town of Huntington, Town Clerk’s Department; 1999 – 2006
Town of Riverhead, Planning Department; 1998 – 2006
Town of Shelter Island, Town Clerk’s Office; 2000 – 2006
Town of Southampton, Community Preservation Division; 1999 – 2006
Town of Southold, Department of Land Preservation; 1986 – 2006
Long Island Pine Barrens Society – Preservation totals, per town – 1977 - 2006
The Nature Conservancy, Long Island Chapter – Preservation totals, per town - 2006

Indicator: Energy Consumption

All data were collected and tabulated by Rauch Foundation staff. The numbers reported in the *Index* reflect the best available data to date for electricity consumption and CO₂ emissions. There are currently a number of efforts under way to measure Long Island’s total CO₂ emissions. Future reports will include the results from these efforts.

Data were provided by the following offices:

Long Island Power Authority – Long Island Residential and Commercial/Industrial electricity consumption – 1997-2006 - * 1997 and Jan - May 1998 represents LILCO consumption

US Department of Energy, Energy Information Administration
- US electricity consumption – 1997-2006
- 2004 CO₂ emission rates for Long Island, New York State, United States of America

GOVERNANCE

Indicator: Expenditures and Revenues

The tables in this report are based on detailed expenditure and revenue information reported by local governments to the New York State Office of State Comptroller (OSC). OSC data are available for all reported government entities in Nassau and Suffolk counties, and a combined total is available for all of New York State excluding New York City. 1997 was chosen as the base year because prior to that fiscal year data were not consistent across counties. Nassau and Suffolk county data were subtracted from the combined total New York state data to create the data that are reported for the NYS minus NYC and LI comparisons.

The most recent available OSC data are for fiscal year 2005. The data are reported in real (i.e. inflation-adjusted) dollars, thus, 2005 figures are reported in 2005 actual dollars, and previous years are adjusted upward by the appropriate inflation number. The inflation factor used for Long Island was the

New York-Northern New Jersey-Long Island, NY-NJ-CT-PA inflation factor provided by the U.S. Dept. of Labor. The inflation factor used for the rest of New York State was the U.S. City Average inflation factor, which is the closest factor comparable to the state as a whole excluding New York City and Long Island.

Appendix B:

Industry Cluster Definitions

Cluster definitions were provided by Collaborative Economics for the *Long Island Index* 2008.

Biomedical

3254	Pharmaceutical and Medicine Manufacturing
3391	Medical Equipment and Supplies Manufacturing
334510	Electromedical and Electrotherapeutic Apparatus Manufacturing
54171	Research and Development in the Physical, Engineering, and Life Sciences (40%)

Information and Communication Services

3231	Printing and Related Support Activities
5111	Newspaper, Periodical, Book, and Directory Publishers
5112	Software Publishers
5151	Radio and Television Broadcasting
5152	Cable and Other Subscription Programming
5161	Internet Publishing and Broadcasting
5171	Wired Telecommunications Carriers
5172	Wireless Telecommunications Carriers (except Satellite)
5173	Telecommunications Resellers
5174	Satellite Telecommunications
5175	Cable and Other Program Distribution
5179	Other Telecommunications
5181	Internet Service Providers and Web Search Portals
5182	Data Processing, Hosting, and Related Services
5191	Other Information Services
5415	Computer Systems Design and Related Services
512110	Motion Picture and Video Production
54171	Research and Development in the Physical, Engineering, and Life Sciences (20%)
5191	GOV Other Information Services

Construction and Building Materials

541310	Architectural Services
541320	Landscape Architectural Services
541340	Drafting Services
236115	New Single-Family Housing Construction (except Operative Builders)
236116	New Multifamily Housing Construction (except Operative Builders)
236117	New Housing Operative Builders
236118	Residential Remodelers
236210	Industrial Building Construction
236220	Commercial and Institutional Building Construction
238111	Residential poured foundation contractors
238112	Nonresidential poured foundation contractors
238121	Residential structural steel contractors
238122	Nonresidential structural steel contractors
238131	Residential framing contractors
238132	Nonresidential framing contractors
238141	Residential masonry contractors
238142	Nonresidential masonry contractors
238151	Residential glass and glazing contractors
238152	Nonresidential glass and glazing contractors
238161	Residential roofing contractors
238162	Nonresidential roofing contractors

238171	Residential siding contractors
238172	Nonresidential siding contractors
238191	Other residential exterior contractors
238192	Other nonresidential exterior contractors
238211	Residential electrical contractors
238212	Nonresidential electrical contractors
238221	Residential plumbing and HVAC contractors
238222	Nonresidential plumbing and HVAC contractors
238291	Other residential equipment contractors
238292	Other nonresidential equipment contractors
238311	Residential drywall contractors
238312	Nonresidential drywall contractors
238321	Residential painting contractors
238322	Nonresidential painting contractors
238331	Residential flooring contractors
238332	Nonresidential flooring contractors
238341	Residential tile and terrazzo contractors
238342	Nonresidential tile and terrazzo contractors
238351	Residential finish carpentry contractors
238352	Nonresidential finish carpentry contractors
238391	Other residential finishing contractors
238392	Other nonresidential finishing contractors
238911	Residential site preparation contractors
238912	Nonresidential site preparation contractors
238991	All other residential trade contractors
238992	All other nonresidential trade contractors
321911	Wood Window and Door Manufacturing
321918	Other Millwork (including Flooring)
327331	Concrete Block and Brick Manufacturing
327991	Cut Stone and Stone Product Manufacturing
332321	Metal Window and Door Manufacturing
332323	Ornamental and Architectural Metal Work Manufacturing
335122	Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing

Business Services

5331	Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)
5411	Legal Services
5414	Specialized Design Services
5511	Management of Companies and Enterprises
5611	Office Administrative Services
541211	Offices of Certified Public Accountants
541330	Engineering Services
541370	Surveying and Mapping (except Geophysical) Services
541380	Testing Laboratories
541611	Administrative Management and General Management Consulting Services
541613	Marketing Consulting Services
541620	Environmental Consulting Services
541690	Other Scientific and Technical Consulting Services
541910	Marketing Research and Public Opinion Polling
541921	Photography Studios, Portrait
541922	Commercial Photography
541990	All Other Professional, Scientific, and Technical Services
611430	Professional and Management Development Training
813910	Business Associations
813920	Professional Organizations
541614	Process, Physical Distribution, and Logistics Consulting Services

541618 Other Management Consulting Services
 541612 Human Resources and Executive Search Consulting Services
 541360 Geophysical Surveying and Mapping Services

Health Services

6211 Offices of Physicians
 6212 Offices of Dentists
 6213 Offices of Other Health Practitioners
 6214 Outpatient Care Centers
 6215 Medical and Diagnostic Laboratories
 6216 Home Health Care Services
 6219 Other Ambulatory Health Care Services
 6221 General Medical and Surgical Hospitals
 6231 Nursing Care Facilities
 6232 Residential Mental Retardation, Mental Health and Substance Abuse Facilities
 6233 Community Care Facilities for the Elderly
 6239 Other Residential Care Facilities
 8122 Death Care Services
 812191 Diet and Weight Reducing Centers
 813212 Voluntary Health Organizations
 541940 Veterinary Services
 6221 General Medical and Surgical Hospitals

Transportation and Freight Services

4859 Other Transit and Ground Passenger Transportation
 4811 Scheduled Air Transportation
 4812 Nonscheduled Air Transportation
 4881 Support Activities for Air Transportation
 4883 Support Activities for Water Transportation
 4885 Freight Transportation Arrangement
 483212 Inland Water Passenger Transportation
 4841 General Freight Trucking
 484210 Used Household and Office Goods Moving
 484220 Specialized Freight (except Used Goods) Trucking, Local
 4851 Urban Transit Systems
 488190 Other Support Activities for Air Transportation
 488330 Navigational Services to Shipping
 485113 Bus and Other Motor Vehicle Transit Systems
 4881 GOV Support Activities for Air Transportation (Fed)

Manufacturing

3341 Computer and Peripheral Equipment Manufacturing
 3342 Communications Equipment Manufacturing
 3343 Audio and Video Equipment Manufacturing
 3344 Semiconductor and Other Electronic Component Manufacturing
 3345 Navigational, Measuring, Electromedical, and Control Instruments Manufacturing
 3353 Electrical Equipment Manufacturing
 3359 Other Electrical Equipment and Component Manufacturing
 3364 Aerospace Product and Parts Manufacturing
 3325 Hardware Manufacturing
 54171 Research and Development in the Physical, Engineering, and Life Sciences (40%)
 3324 Boiler, Tank, and Shipping Container Manufacturing
 3326 Spring and Wire Product Manufacturing
 3327 Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing
 333319 Other Commercial and Service Industry Machinery Manufacturing
 333999 All Other Miscellaneous General Purpose Machinery Manufacturing

322222	Coated and Laminated Paper Manufacturing
322211	Corrugated and Solid Fiber Box Manufacturing
313311	Broadwoven Fabric Finishing Mills
314912	Canvas and Related Product Mills
337122	Nonupholstered Wood Household Furniture Manufacturing
337211	Wood Office Furniture Manufacturing
339913	Jewelers' Material and Lapidary Work Manufacturing
339950	Sign Manufacturing
339999	All Other Miscellaneous Manufacturing
325620	Toilet Preparation Manufacturing
3114	Fruit and Vegetable Preserving and Specialty Food Manufacturing
3115	Dairy Product Manufacturing
3118	Bakeries and Tortilla Manufacturing
3119	Other Food Manufacturing

Regional Recreation

5615	Travel Arrangement and Reservation Services
7121	Museums, Historical Sites, and Similar Institutions
7131	Amusement Parks and Arcades
7132	Gambling Industries
7139	Other Amusement and Recreation Industries
7211	Traveler Accommodation
7212	RV (Recreational Vehicle) Parks and Recreational Camps
7221	Full-Service Restaurants
7222	Limited-Service Eating Places
7224	Drinking Places (Alcoholic Beverages)
7132	Gambling Industries (Local gov)
7121	GOV Museums, Historical Sites, and Similar Institutions

Retail

4411	Automobile Dealers
4412	Other Motor Vehicle Dealers
4413	Automotive Parts, Accessories, and Tire Stores
4421	Furniture Stores
4422	Home Furnishings Stores
4431	Electronics and Appliance Stores
4441	Building Material and Supplies Dealers
4442	Lawn and Garden Equipment and Supplies Stores
4451	Grocery Stores
4452	Specialty Food Stores
4453	Beer, Wine, and Liquor Stores
4461	Health and Personal Care Stores
4471	Gasoline Stations
4481	Clothing Stores
4482	Shoe Stores
4483	Jewelry, Luggage, and Leather Goods Stores
4511	Sporting Goods, Hobby, and Musical Instrument Stores
4512	Book, Periodical, and Music Stores
4521	Department Stores
4529	Other General Merchandise Stores
4531	Florists
4532	Office Supplies, Stationery, and Gift Stores
4533	Used Merchandise Stores
4539	Other Miscellaneous Store Retailers
4541	Electronic Shopping and Mail-Order Houses
4542	Vending Machine Operators

4543 Direct Selling Establishments

Finance and Insurance

5221 Depository Credit Intermediation
5222 Nondepository Credit Intermediation
5223 Activities Related to Credit Intermediation
5231 Securities and Commodity Contracts Intermediation and Brokerage
5232 Securities and Commodity Exchanges
5239 Other Financial Investment Activities
5241 Insurance Carriers
5242 Agencies, Brokerages, and Other Insurance Related Activities
5251 Insurance and Employee Benefit Funds
5259 Other Investment Pools and Funds
5412 Accounting, Tax Preparation, Bookkeeping, and Payroll Services

Education

6111 Elementary and Secondary Schools
6112 Junior Colleges
6113 Colleges, Universities, and Professional Schools
6114 Business Schools and Computer and Management Training
6115 Technical and Trade Schools
6116 Other Schools and Instruction
6111 GOV Elementary and Secondary Schools
6115 GOV Technical and Trade Schools
6117 GOV Educational Support Services