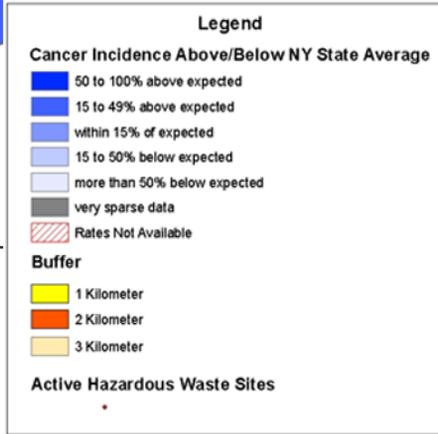
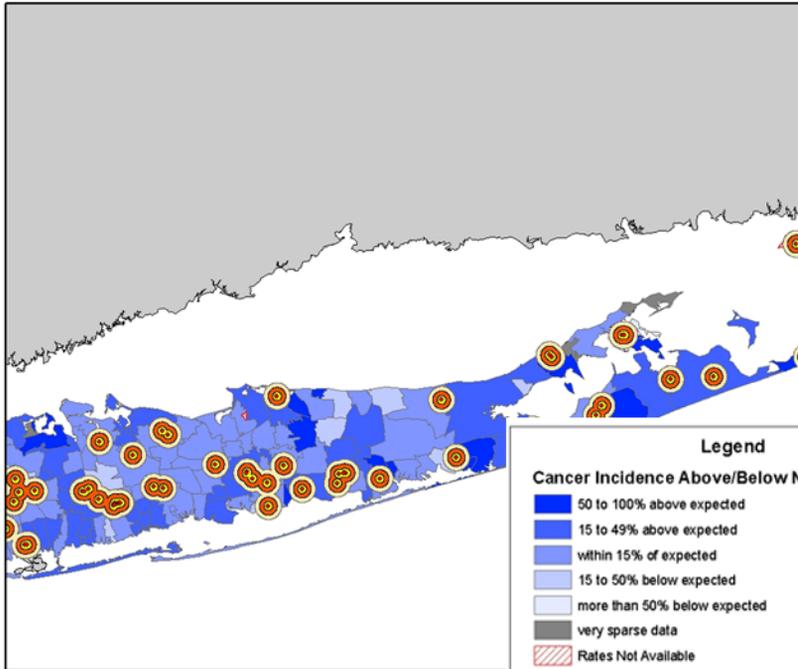




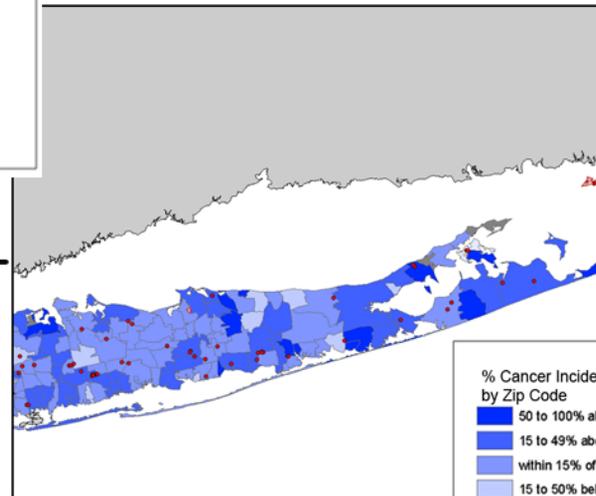
A RESEARCH RESOURCE FOR STUDIES OF BREAST CANCER
AND THE ENVIRONMENT ON LONG ISLAND

Active Waste Sites - LONG ISLAND, NY

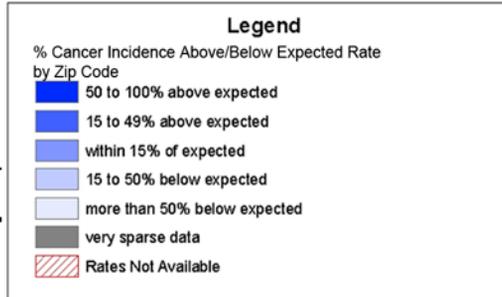
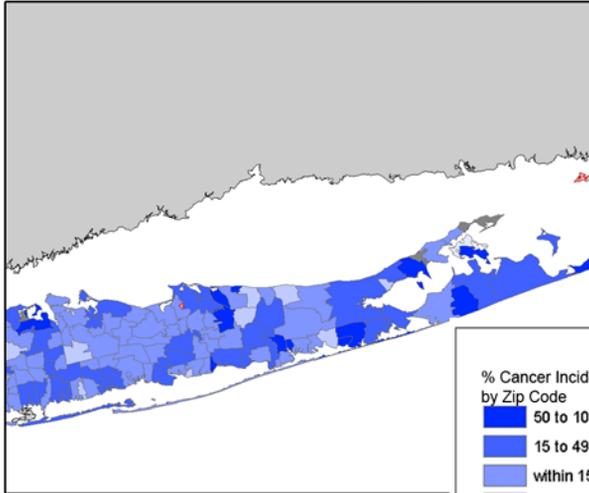


Data Sources: New York State Department of Health,
New York State Department of Environmental Conservation,
Division of Hazardous Waste Remediation, and
U.S. Environmental Protection Agency

% CANCER INCIDENCE ABOVE/BELOW EXPECTED RATE
AND ACTIVE WASTE SITES



% CANCER INCIDENCE ABOVE/BELOW EXPECTED RATE

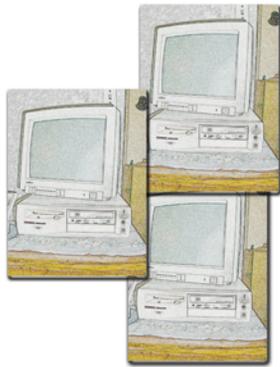


RESTON, VA LAB AND LIBRARY

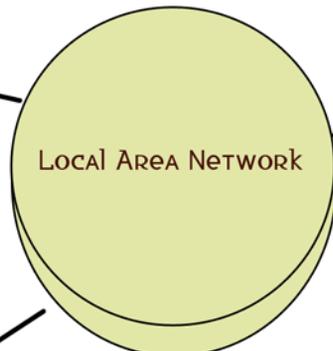


The RESTON, VA Lab

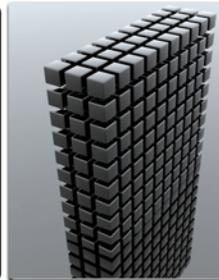
Lab Computer WORKSTATIONS



PRINTERS

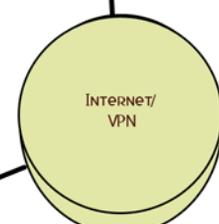


ESRI's ArcIMS AND Tools



The LI GIS DATABASE

Web Server/Fire Wall



INTERNET/VPN

Remote Users - CONNECTED TO LI GIS VIA secure VPN



A RESEARCH RESOURCE FOR STUDIES OF BREAST CANCER AND THE ENVIRONMENT ON LONG ISLAND

The LI GIS is a geographic information system (GIS) comprising data with statistical and spatial extensions. The LI GIS is designed to study the potential relationships between environmental exposures and breast cancer on Long Island. It also can be used to study other diseases.

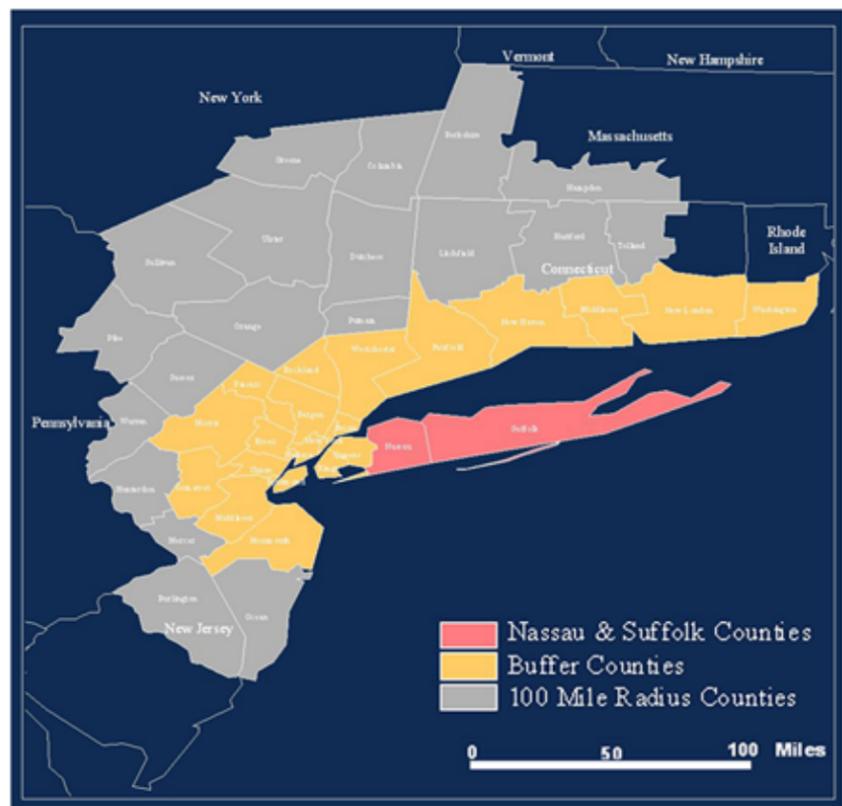
Researcher's toolbox:

A full suite of GIS software and extensions related to study of breast cancer

- o ESRI ArcGIS software suite
- o ArcView & ArcInfo
- o Spatial Analysis & 3D Analyst
- o Extensions for epidemiological studies
- o Case File Formatter
- o Disease Rate Calculator
- o Areal Interpolator
- o Cluster Analysis Tool (using SATSCAN)
- o Empirical Bayes Tool
- o EpiAnalyst
- o S-Plus Spatial Stats
- o Geographic masking
- o SAS
- o Oracle 9i
- o Online User's Guide
- o Additional ArcView extensions and software

The LI GIS warehouse contains over 80 datasets covering:

- Topographic;
- Demographic;
- Health outcome, including relative breast cancer incidence; and
- Environmental data for Nassau and Suffolk counties, and to a lesser extent on surrounding counties.



The LI GIS is one of a series of major studies and initiatives within the Long Island Breast Cancer Study Project (LIBCSP) congressionally mandated activities to understand breast cancer incidence rates on Long Island. Researchers can apply to use the entire LI GIS and/or the LI GIS statistical software and spatial extensions.

Apply online at www.healthgis-li.com

