# Democratizing & Displaying Health Data

Introducing *Health*Landscape.org

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### Founding Partners









### Health Data & GIS

- Use and utility are well-established
- Broad adoption limited, particularly in the physician community and non-profit health and social service agencies
- Barriers include:
  - Cost
  - Expertise Learning curve for technology
  - Centralized data
  - Time for implementation

### Aims

- To build an interactive web atlas that allows health professionals, policy makers, academic researchers and planners to combine, analyze and display information in ways that promote understanding and improvement of health and healthcare
- To offer select users the capacity to upload, geocode and map their own data. Once converted, these data would be shared with the HealthLandscape community or securely stored for limited user access

### Core Values

- Integrity and Reliability: That platform data would be valid, reliable and consistent.
- Accessibility: That data and tools would be accessible to everyone.
- Functionality: That the platform would be simple to use correctly.
- Innovation: That the platform would bring new dimensions to data.
- Relevance: That the platform would be committed to advancing public health policy.

# The Power of Data for Health Policy & Planning

- Maps: Particularly effective for presenting complex data and relationships
- The Demand: Providers, Community Health Planners, Policymakers & Advocates
  - Grasp and think in geographies (particularly political)
  - Want to target resources geographically
  - Crave local/regional analysis
  - Need ways to monitor and depict change over political terms (2 yr, 4 yr, and longer)
  - Don't always see data patterns right in front of their noses

# The Power of Customizing Data

- Web-based mapping tool
  - Bridges Technology/Cost barriers for users
  - Puts 'dormant' data (AMA Masterfile, HPSA, Census, Political Boundaries, etc.) in the hands of grassroots healthcare users and advocates
  - Research Applications: Expand downstream as users multiply, data is pooled

### Audience

 The tool was designed to appeal to health and social service providers, educators, policymakers, advocates, and community leaders. However, the site was also purposefully dynamic, such that not only new data, but new user groups, could be added over time

## What is HealthLandscape?

HealthLandscape is a customizable data delivery tool that allows *anyone* to create maps and tables from a wide array of primary care and health related data

### Who is Using *Health*Landscape?

Over 750 users since launch May 2007

### Top User Categories are:

- Academic Researchers (33%)
- Residency Programs (20%)
- Physicians (16%)
- Other Medical Professionals (15%)
- Foundations (10%)
- General Public (4%)
- Other/Unknown (2%)



#### Community HealthView

Map My Community's Health

Community Health/New gives researchers and policymakers the ability to create custom maps and tables of health in their communities - depicting populations at risk, health outcomes, and the distribution of health interventions. It currently houses health-related data from Greater Cincinnati, the State of Ohio, and the nation.

#### Primary Care Atlas

Make Primary Care Maps

The Primary Care Atlas maps Health Professional Shortage Areas (HPSAs), Medicare Physician Scarcity Areas (PSAs), the impact of your residency program graduates on your region, the distribution of physicians by specialty (primary care and other), and populations.

#### My HealthLandscape

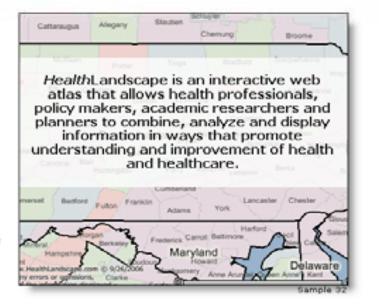
Map My HealthLandscape

My HealthLandscape is a secure environment for users to upload and geocode their own health-relevant data, display that information with key population, demographic, and economic indicators, and collaborate with others in their organization to create a myriad of informative visual displays.

#### Health Center Mapping Tool

Map My Health Center

The Health Center Mapping Tool turns your Community Health Center or dinic's data into maps of the patients you serve, the core neighborhoods that comprise your service area, and areas with the densest consentrations of your patients. Also, map U.S. Census data to find populations of interest to you.



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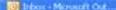














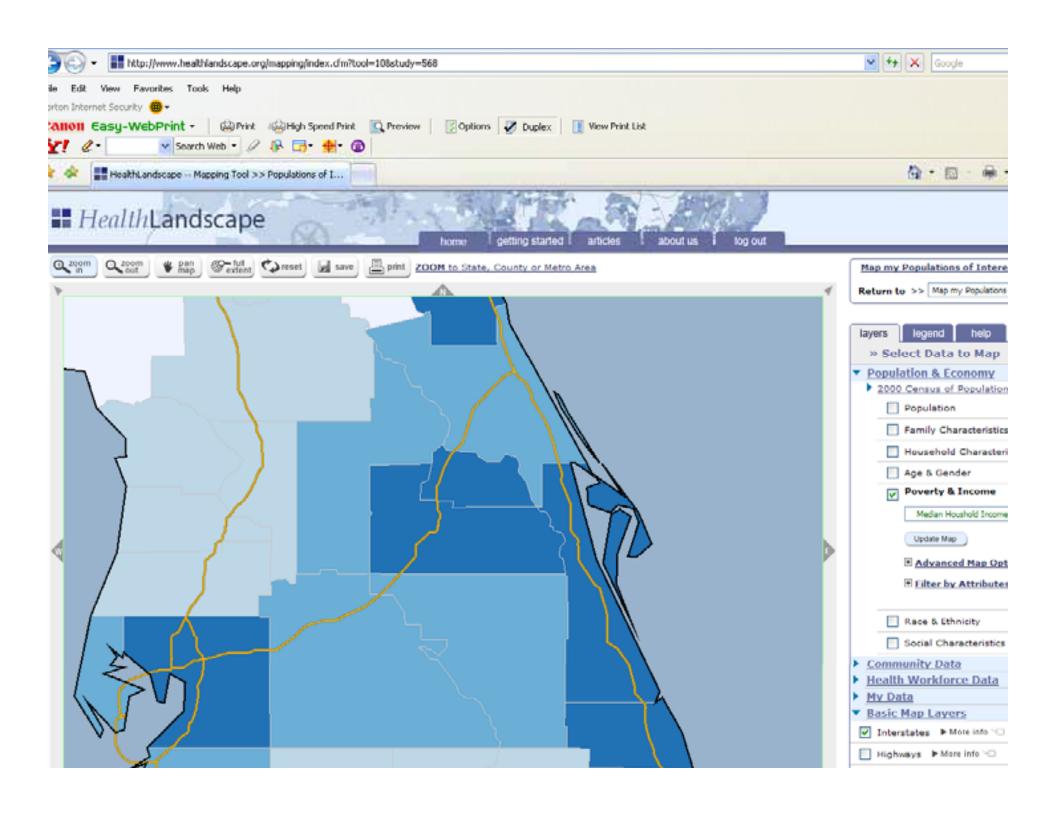


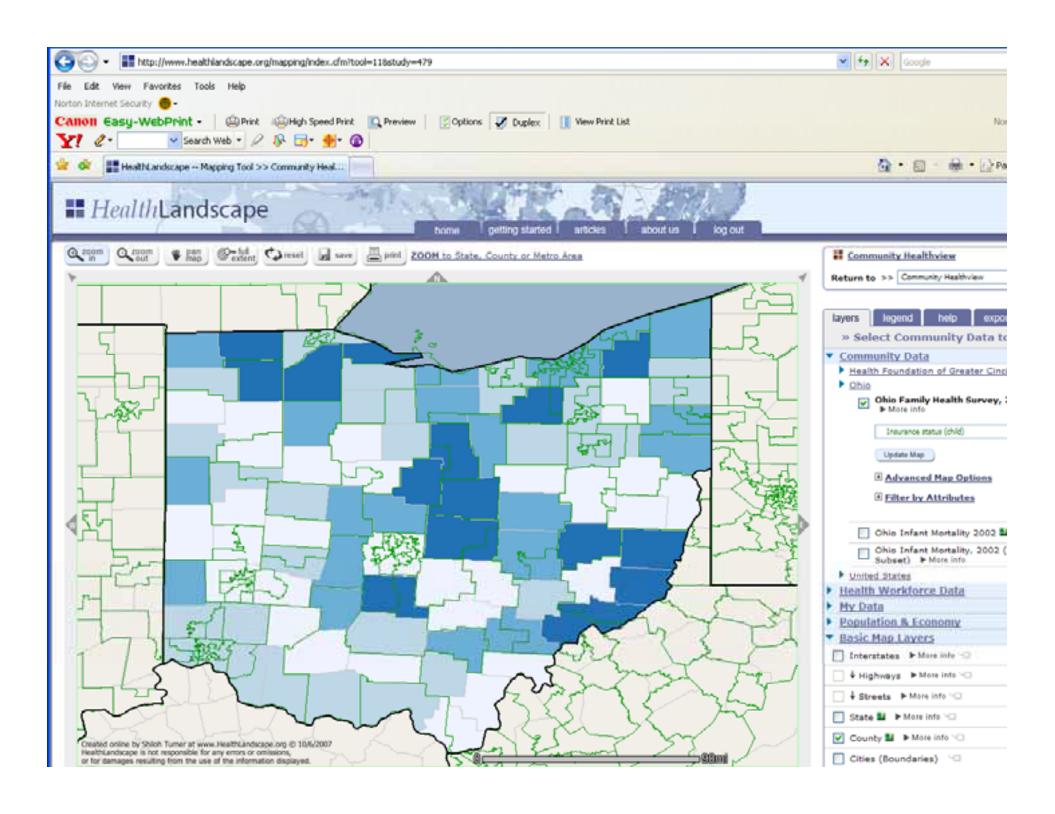


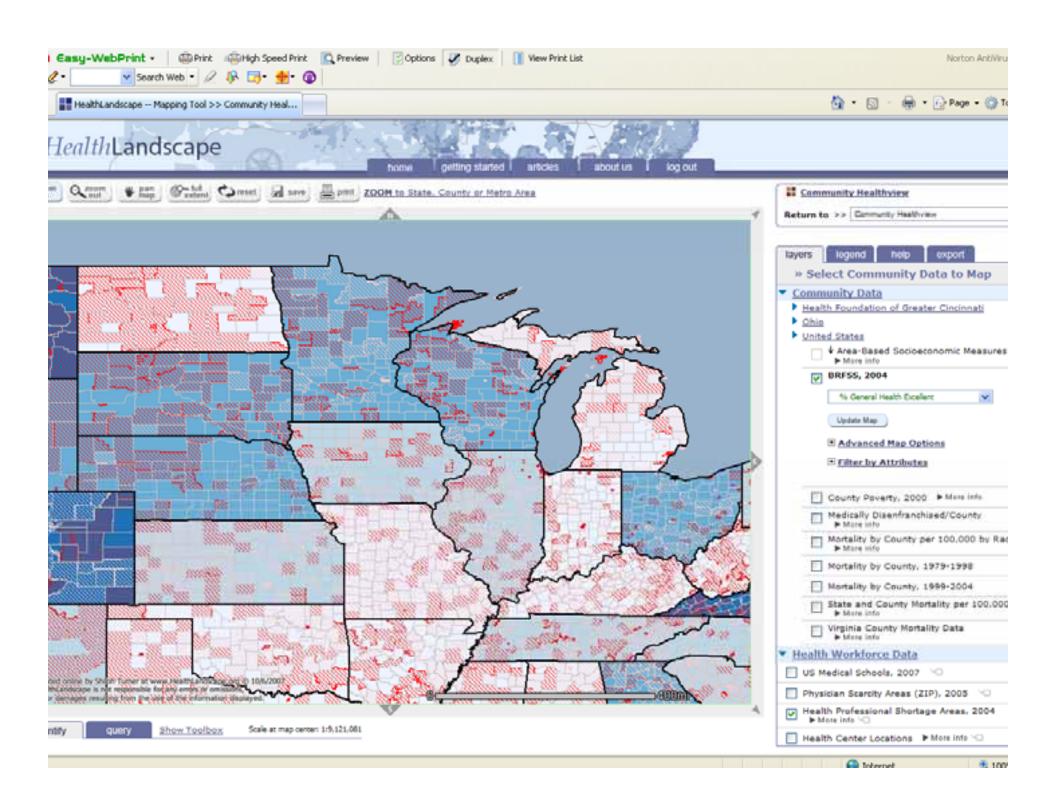
# Community Health View

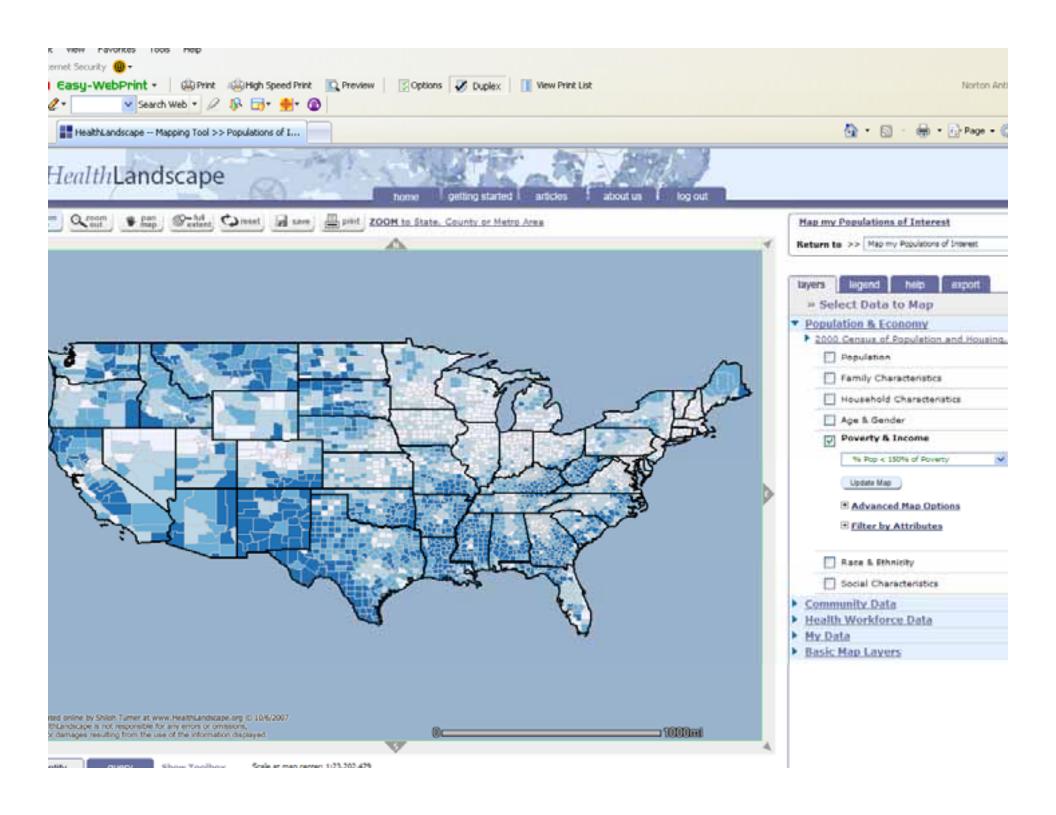
Mapping Capabilities:

 Geographic depiction of regional, state, or national census and survey data





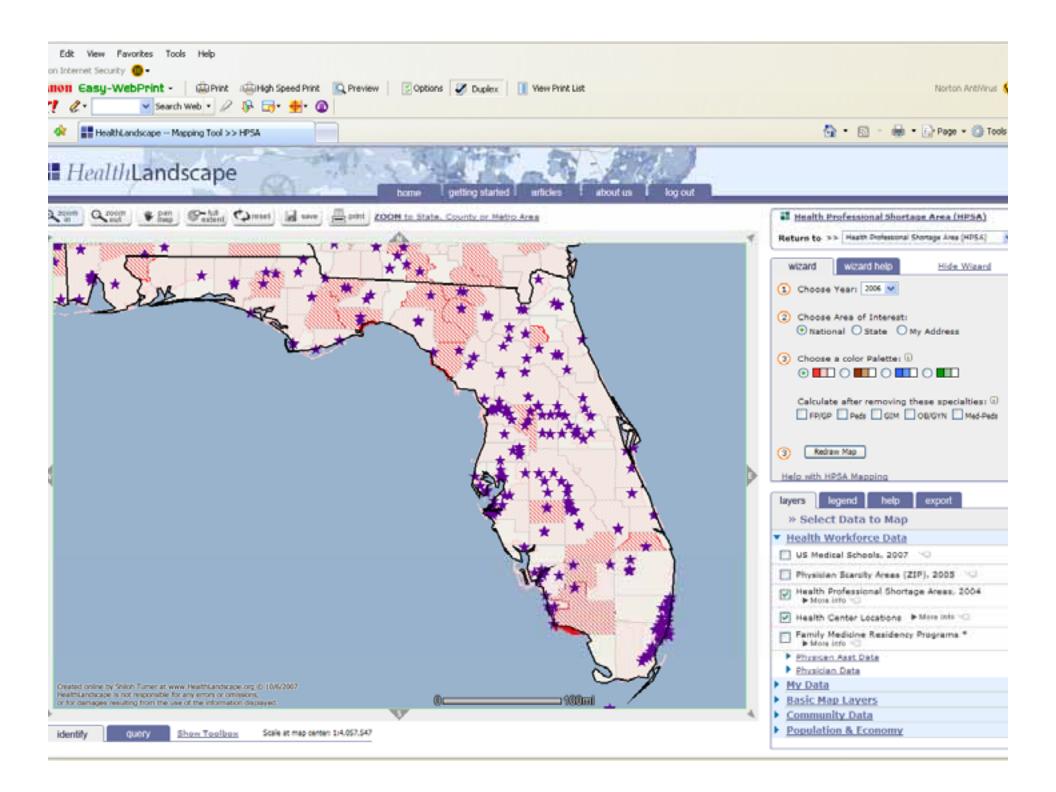


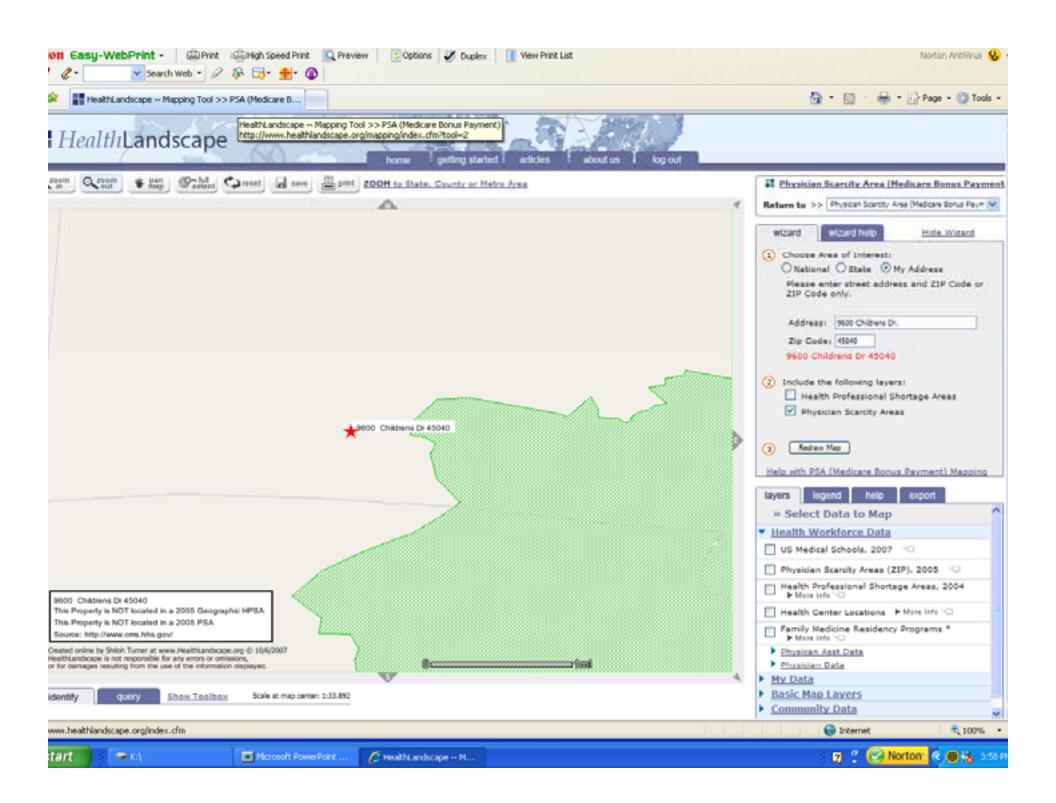


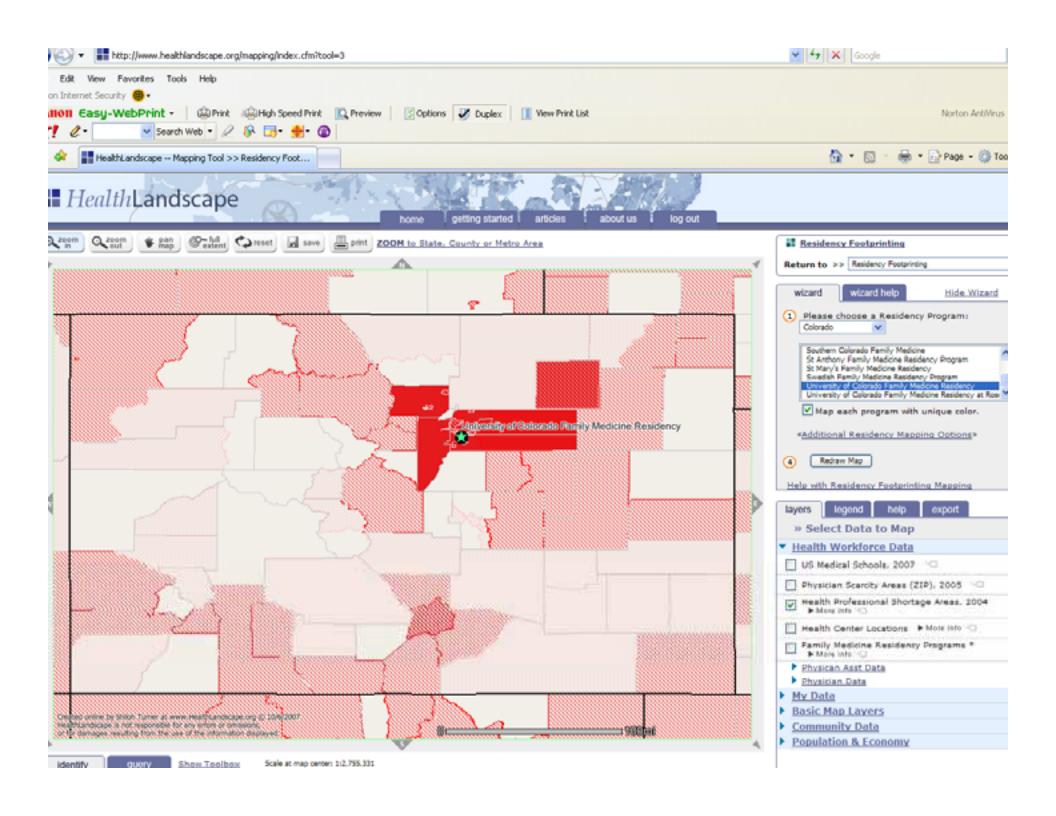
# Primary Care Atlas

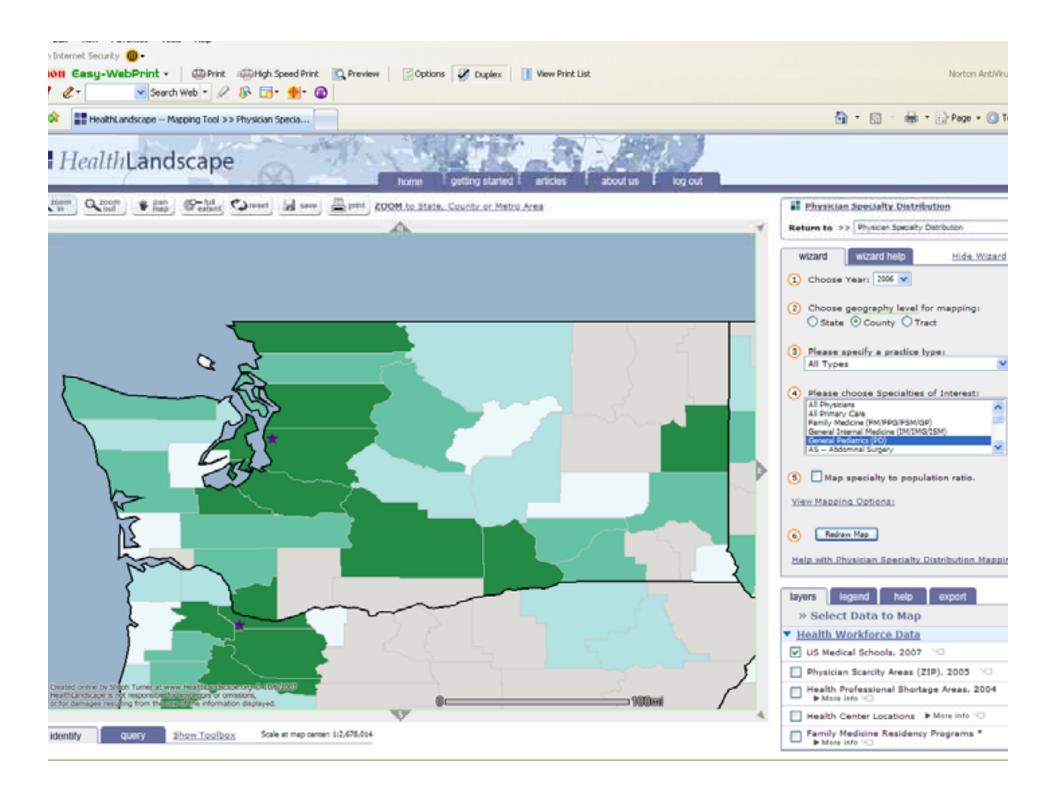
### Mapping Capabilities:

- Health Professional Shortage Areas (HPSAs)
- Physician Scarcity Areas (PSAs)
- Residency Footprinting
- Physician Distribution







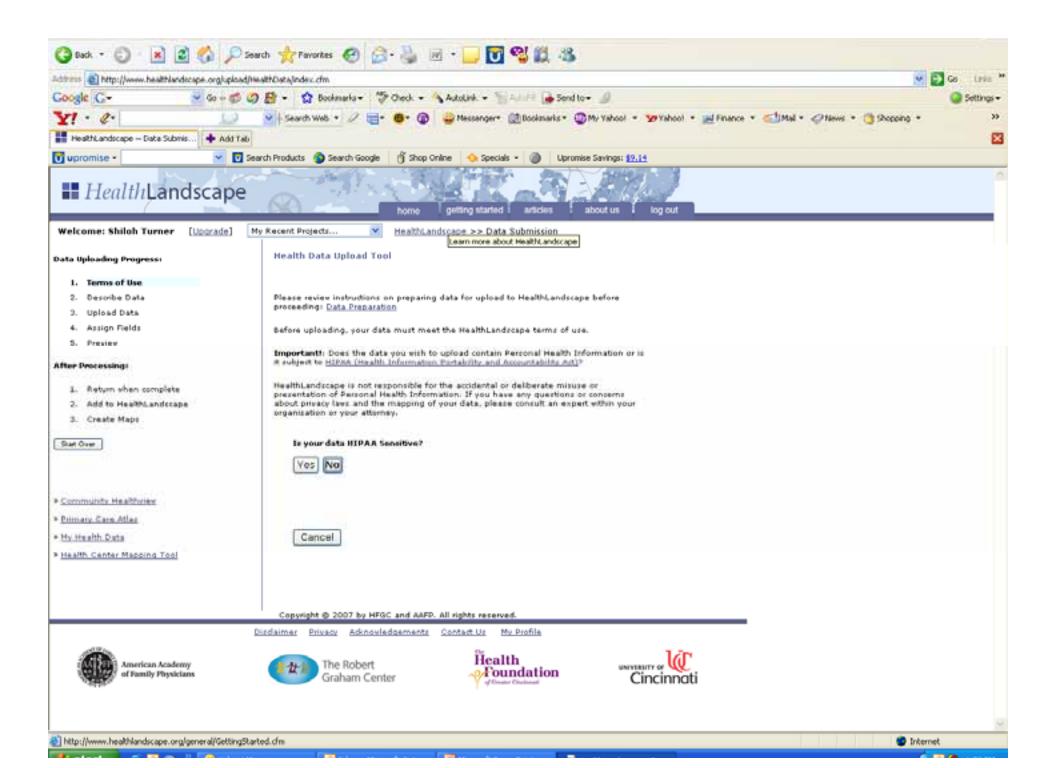


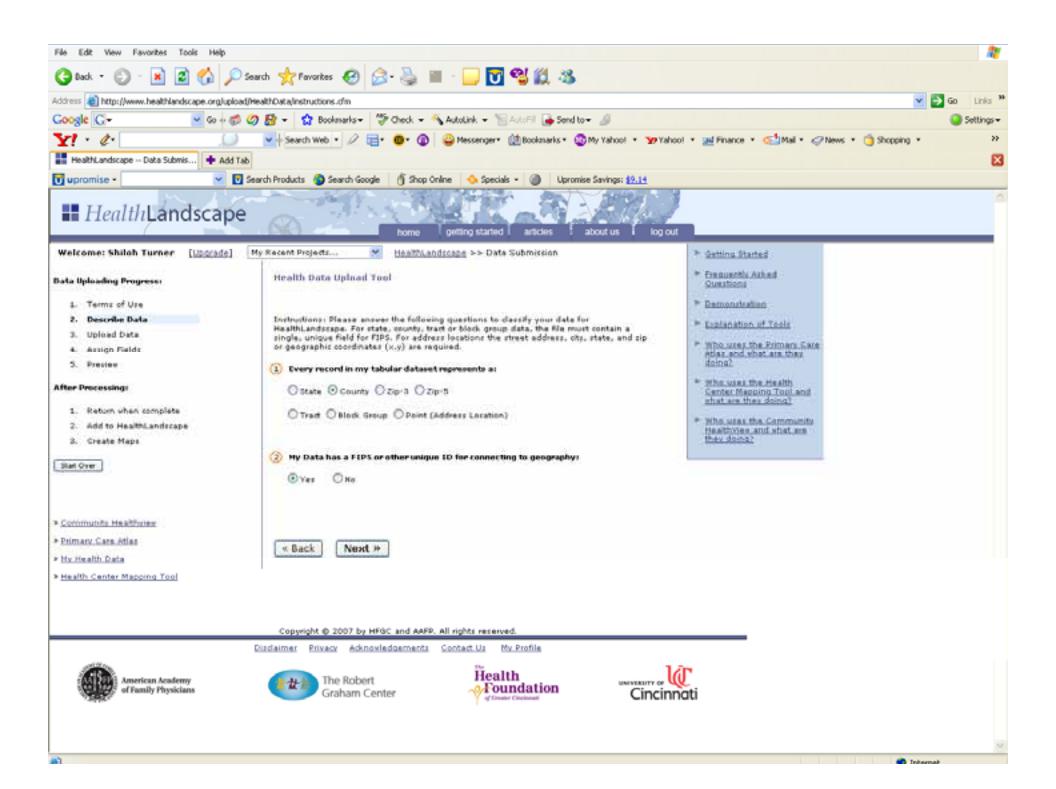
# My HealthLandscape

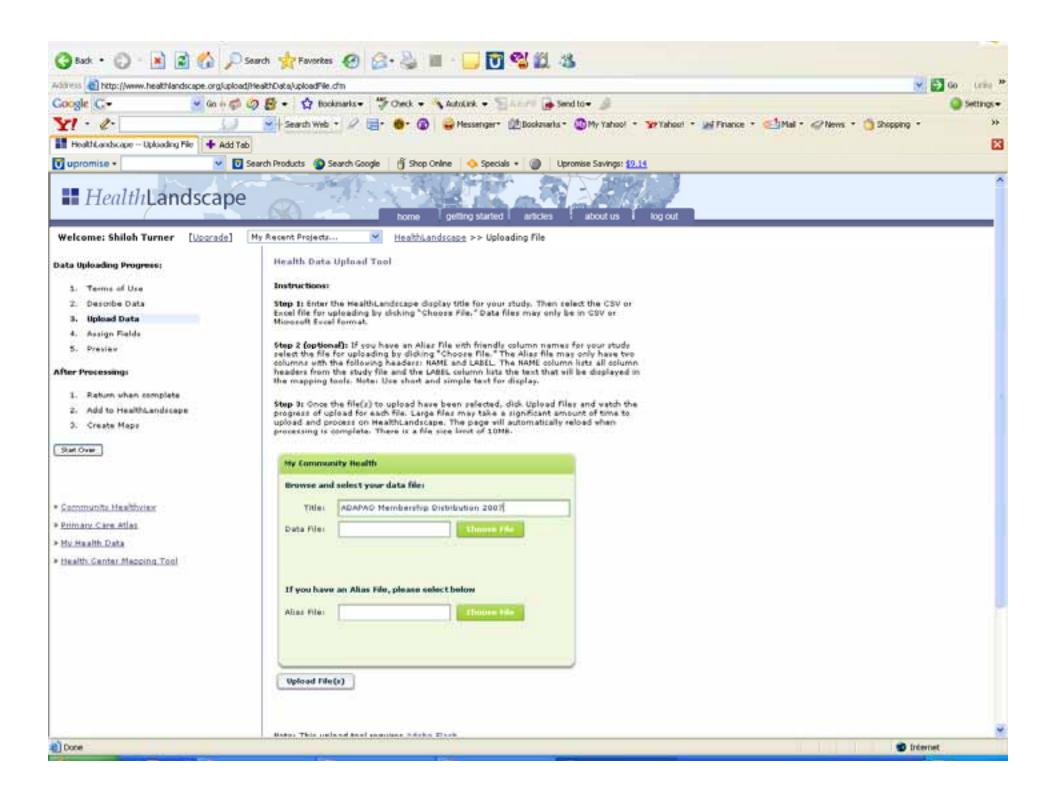
Mapping Capabilities:

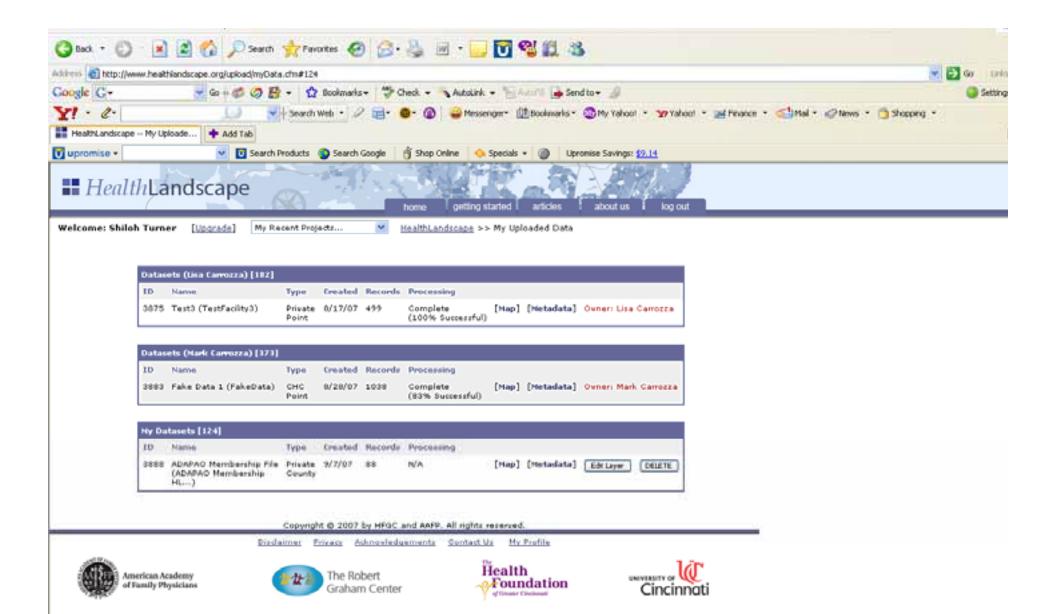
 Upload and geocode your data in a secure environment

 Share your data with select users, or nominate your data to the public side of the site



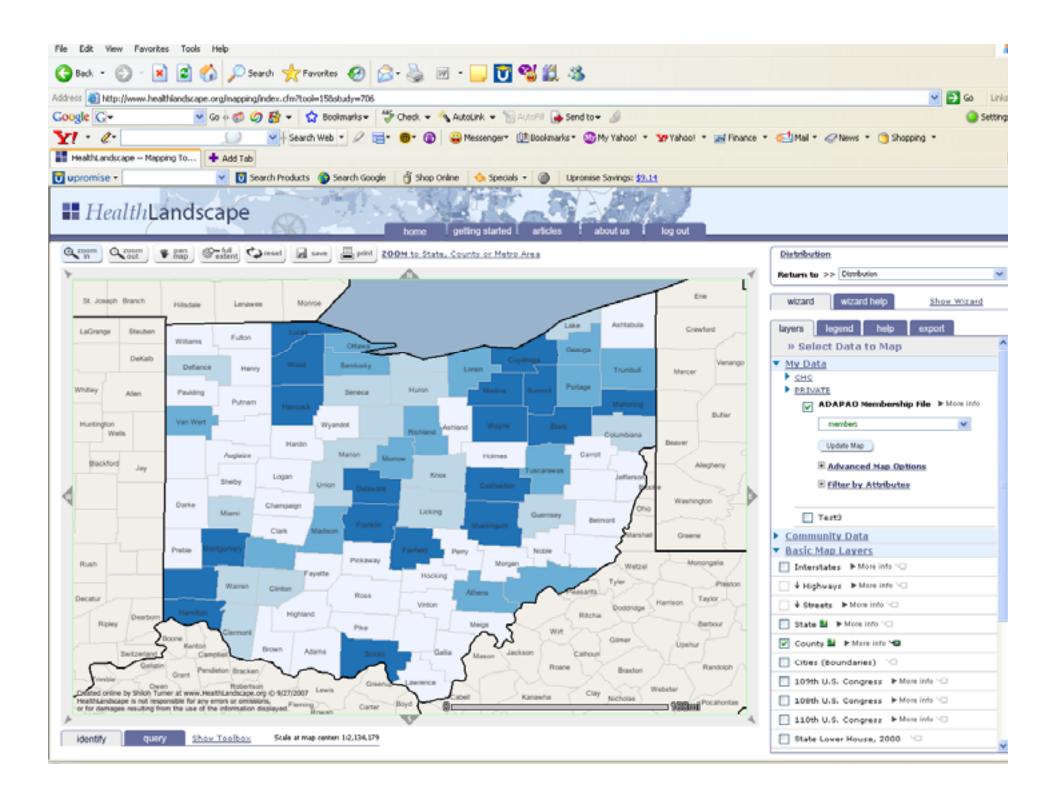






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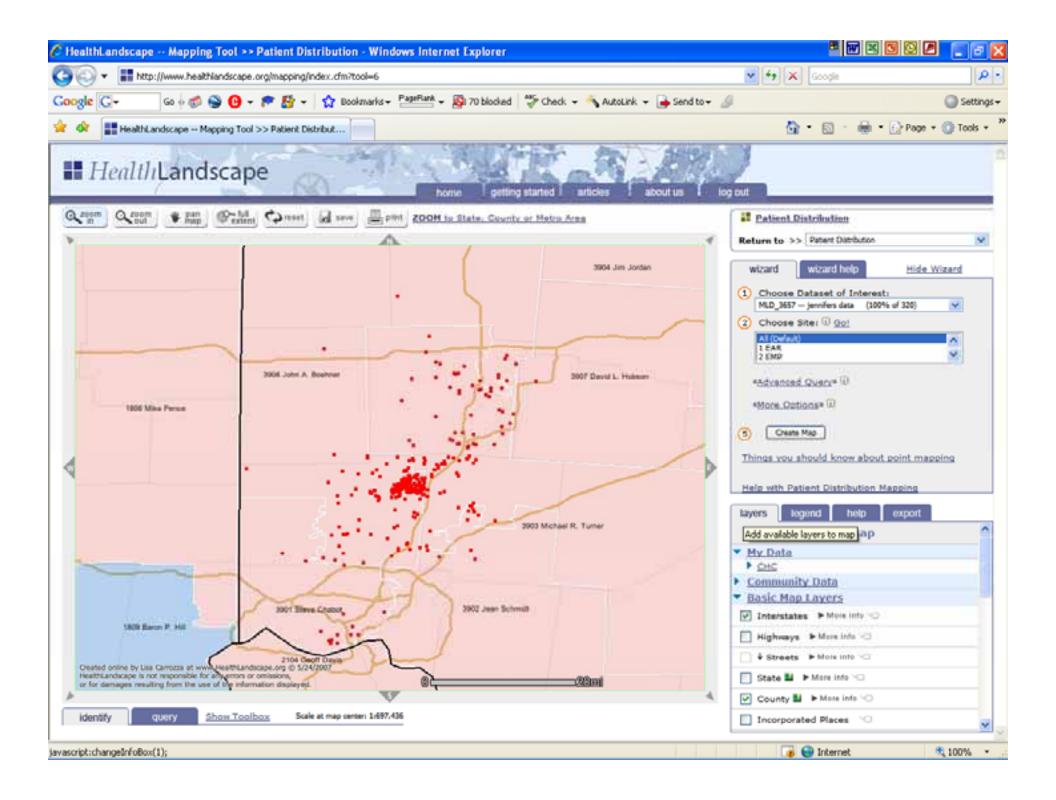
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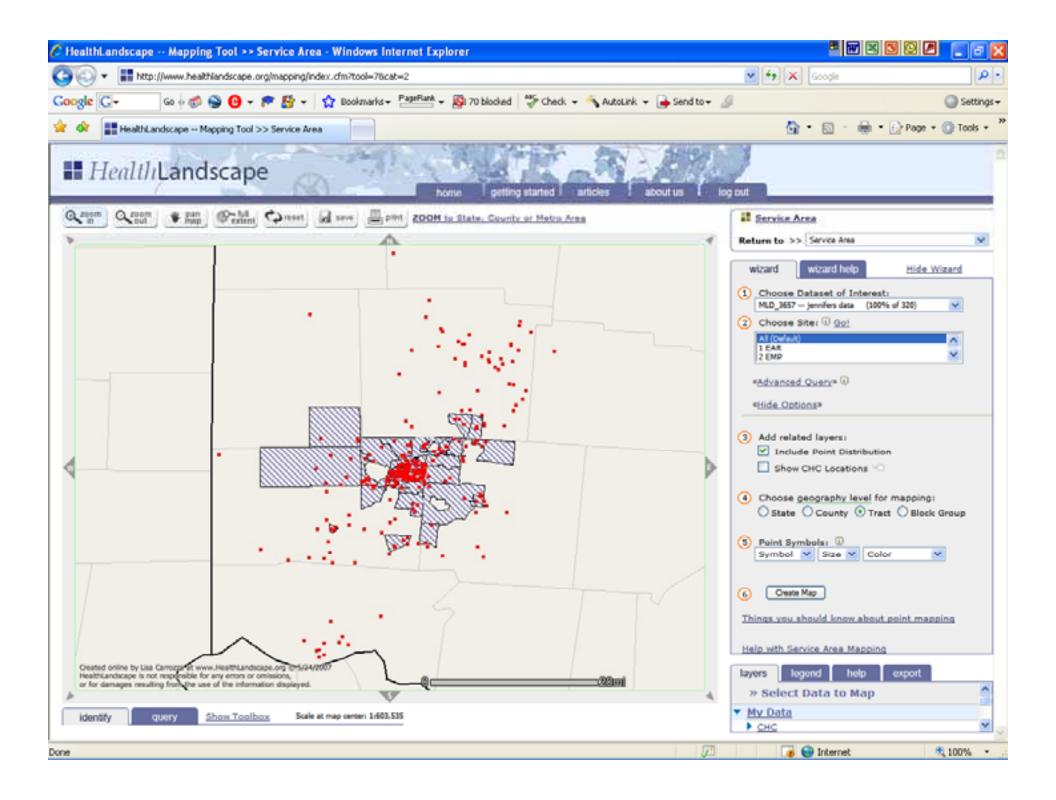


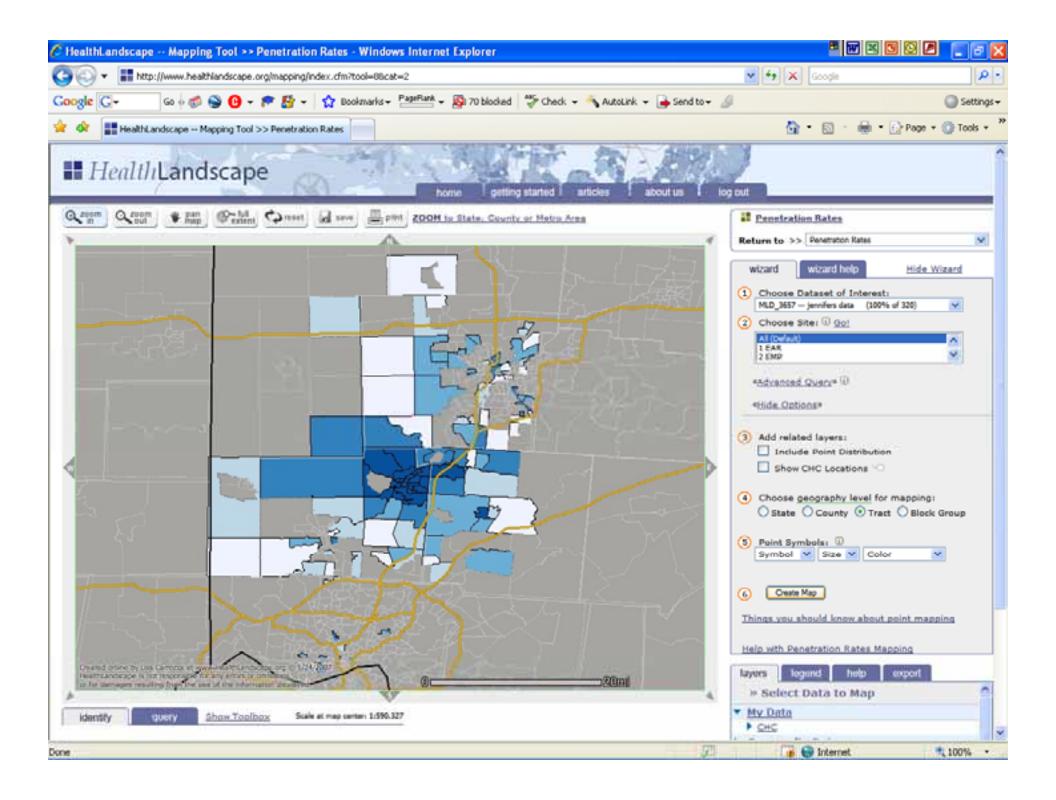
# Health Center Mapping Tool

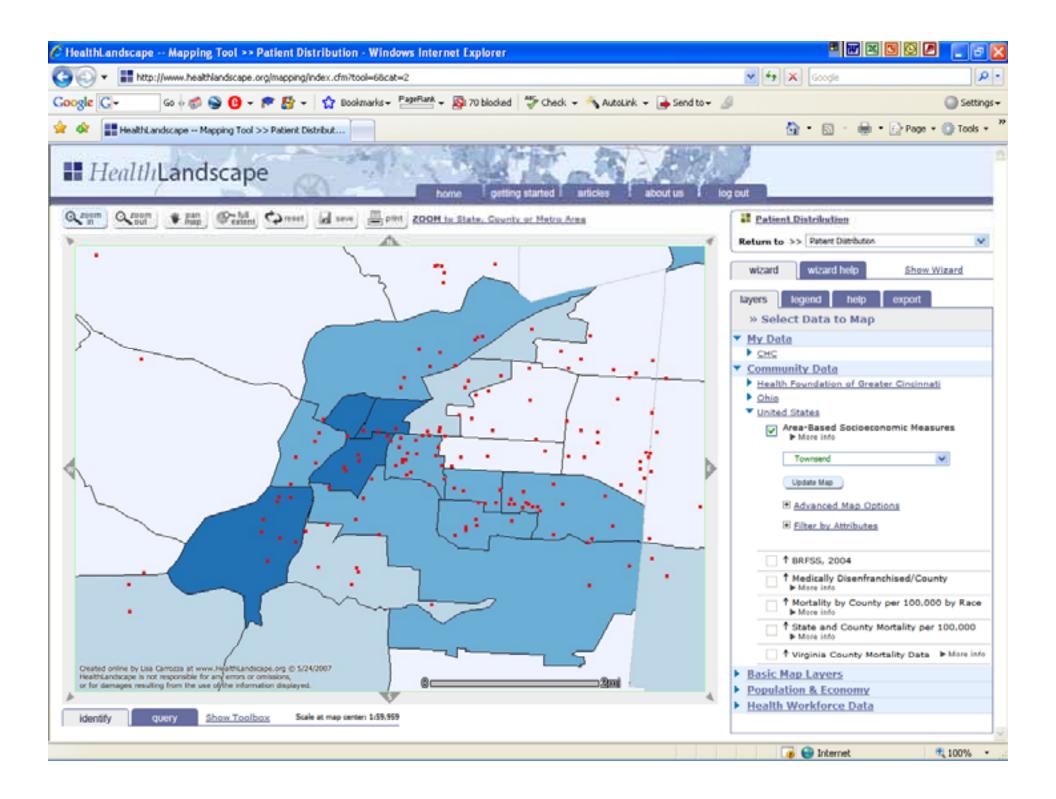
### Mapping Capabilities:

- Upload your health center patient data in a secure environment
- Share it with select users
- Determine penetration rates
- Analyze patient data by diagnostic code









## *Health*Landscape

- Visualize your data
- See your community
- Reveal relationships
- Put the power of mapping to work for you

www.healthlandscape.org