




NCI GIS Portal for Cancer Research



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NCI GIS Portal is a web-based station for interactive mapping and visualization of cancer related geo-spatial data. The portal combines Geographic Information Science (GIS) principles and tools to harmonize relatively large and multi-dimensional datasets, including population-based cancer statistics and behavioral, environmental, clinical, socioeconomic, and policy data.





Spatial Context of Cancer

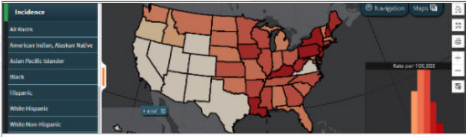
The spatial context in which people live is an important factor in cancer etiology and outcomes influencing a person's risk of developing cancer, accessibility and quality of preventive and treatment services, and quality of life after surviving cancer.

[Learn More About Spatial Context](#)

[Etiology](#) [Prevention](#) [Detection](#) [Diagnosis](#) [Treatment](#) [Survivorship](#)

Featured Geospatial Tools

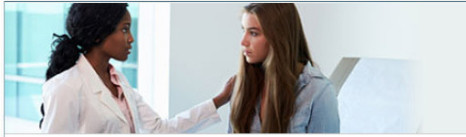
Featuring interactive mapping and visualization of cancer related geo-spatial data.



NCI Cancer Atlas

An interactive digital atlas that enables users to generate geographic maps of cancer rates, risk factors for cancer, screening statistics, and other geographically based data related to cancer.

[Launch the Atlas](#)



Cancer Map Stories

A set of narratives that use map-based explanations to explore various cancer-related topics.

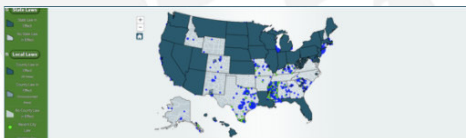
[View the Latest Story](#)



Animated Historical Cancer Atlas

A tool that allows the users to animate smoothed age-adjusted death rates over time and view them at the national or state level.

[Launch the Atlas](#)



Tobacco Policy Viewer

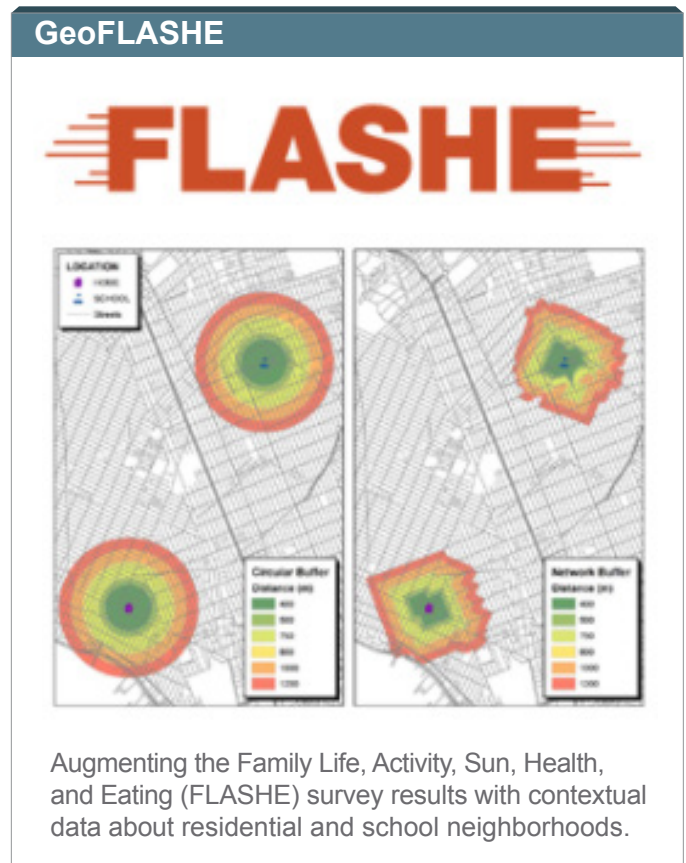
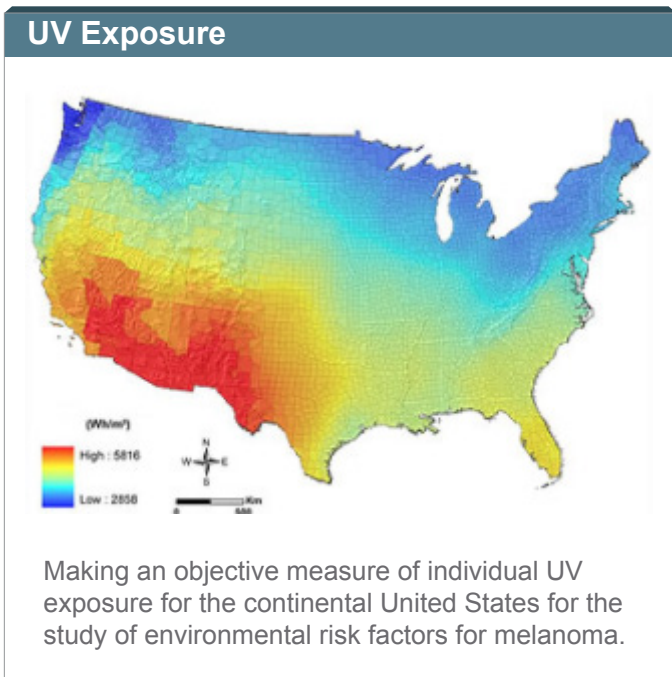
An interactive web resource for mapping, query, and download of historical smoke-free policy data in the United States.

[Explore the Viewer](#)

Spatial Databases

 Interactive Maps
  Tabular Data
  Downloadable Spatial Datasets
  Data as a Web Service

Cancer Surveillance Data				
Behavioral Risk Factor Data				
Environmental Exposure Data				
Data on Locations of Medical Services				
Built Environment, Food Sources, Obesity, and Energy Balance Data				
Data on Populations and Social Determinants				
Geospatial Reference Data				



ADOPT



Accumulating Data to Optimally Predict Obesity Treatment

Core Measures: Environmental Domain

Providing a set of environmental data layers for obesity research.



For more information, please contact: GIStools@imsweb.com