

GIS EXPRESS

For Chronic Disease



A newsletter brought to you by
CDC's Division for Heart Disease and Stroke Prevention

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Visualizing Spatial Data Using Interactive Maps

Interactive maps are a great way to engage people in exploring the spatial dimensions of health-related data and provide them with much more community-specific information than is possible with static maps. In this issue we highlight three interactive mapping options: 1) A new interactive map available on the Million Hearts web site, 2) Cost data available on the Interactive Atlas of Heart Disease and Stroke, and 3) The Heart Disease and Stroke Widget which can be embedded on any website. We have seen a steady and strong increase in the use of the Widget, indicating the benefits of interactive maps for providing heart disease and stroke data to public health professionals, community organizers and the public at large.



We welcome your impressions and requests. You can reach us at GISXmoderator@cdc.gov

The Small Area Analysis Team, Division for Heart Disease and Stroke Prevention, National Center for Chronic Disease Prevention and Health Promotion, CDC

Million Hearts® Website Adds an Interactive Map of Preventable Cardiovascular Event Rates

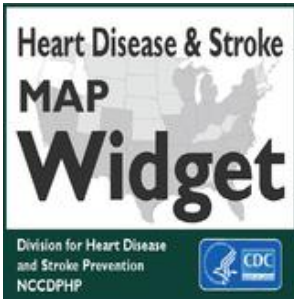


Million Hearts® embedded an interactive map on their website which shows state level preventable cardiovascular event rates and counts. This interactive map supports the recent CDC Vital Signs report, which you can view or download [here](#), and was created with ArcGIS Online. To view the map [visit the Million Hearts® website](#).

Interactive Atlas of Heart Disease and Stroke Features Health Care Cost Data



You can easily create a map showing costs for Medicare Beneficiaries with heart disease with a few clicks of the mouse. The county level data can also be downloaded using the 'Download GIS Data' tool featured in the Atlas toolbar. [Visit the Atlas](#) to find healthcare cost data for your state!



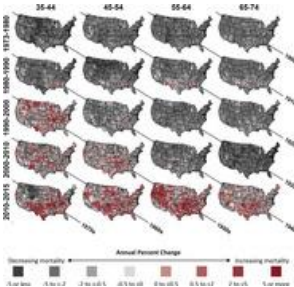
The Heart Disease and Stroke Widget has hit a milestone -- more than 29,000 interactions in a single month!

This metric indicates a strong and growing interest in local geographic patterns of heart disease and stroke mortality. Embedding this interactive mapping widget is easy. Simply [visit this web page](#) and copy the short HTML code. Provide this code to your website manager and let them know they can customize the default state and health outcome.



Need Help Finding Reliable Geo-spatial Data?

Locating the reliable geo-spatial data that you need can be a challenging task. We've done some legwork and compiled a list of data sources that are relevant to public health professionals working in chronic disease. Categories of data sources include: social determinants of health, environmental health, GIS data, and public health data. [Explore our geo-spatial data list here.](#)



New Study of Spatio-Temporal Trends in Heart Disease from the Division for Heart Disease and Stroke Prevention

A recent study, published in Social Science and Medicine, examines county-level trends in heart disease death rates by time period, age group and birth cohort. The results provide a historical perspective for exploring circumstances that may be contributing to recent plateaus and increases in heart disease death rates, including the potential roles of the obesity and diabetics epidemics and the importance of macro-level socioeconomic conditions. [Click here to read](#) the article on Science Direct. PubMed should have the article indexed by December.

Upcoming Conferences and Events

[CDC Place and Health Conference Oct. 16](#)

[URISA GIS Pro Conference \(GIS in HHS focus\): Oct. 9-12](#)

[ESRI Health and Human Services Conference: Oct. 23-25](#)

[Northwest GIS User Group Conference: Oct. 29-Nov 1](#)

[American Public Health Association Annual Meeting: Nov. 10-14](#)

[ESRI Users Conference: July 8-12, 2019](#)



Have you had a paper accepted for publication, know of an upcoming and relevant webinar, or made a presentation where GIS was an integral part of the content? We invite you to share your news and content ideas on the GIS Express! To submit items to be considered for inclusion in the GIS Express, please email GISXmoderator@CDC.gov.

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National Center for Chronic Disease Prevention and Health Promotion
Division for Heart Disease and Stroke Prevention

