GIS EXPRESS
For Chronic Disease

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

Welcome to the August Issue of the GIS Express!

In this issue of the GIS Express we bring your attention to several important resources available on the CDC's Chronic Disease GIS Exchange: the user-submitted Map Gallery, two on-line sites for public health maps, and one of the GIS Quick Tips. We also highlight a recent GIS Snapshot published by the State of Maine Department of Health and Human Services and an upcoming opportunity to submit GIS abstracts to the 2019 Northeast Epidemiology Conference. Be sure to scroll down and check the list of upcoming GIS Conferences and Events. Thank you for subscribing to the GIS Express Newsletter!

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 welcome your submissions and invite you to share your news and content ideas by emailing GISXmoderator@CDC.gov.

New Additions to the GIS Exchange Map Gallery!

The Map Gallery on the Chronic Disease GIS Exchange is an evolving series of user-submitted maps that address the burden, prevention and management of chronic diseases. Check the Map Gallery regularly as new maps are frequently added to the site. All mapmakers creating maps that address chronic diseases are encouraged to submit their maps to the gallery.
View the map gallery and submit your own maps

Online Public Health Maps
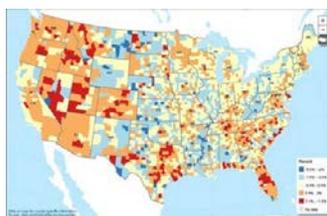
Did you know that the GIS Resouces Section of the Chronic Disease GIS Exchange features a number of online public health maps and atlases that can support many map project needs? For example, one of the atlases that is included is the *Atlas of Rural and Small Town America.* Users are able to view county-level maps for over 60 socioeconomic indicators and view pop-up windows showing the indicators for a given county. The atlas also provides downloadable spreadsheets or csv files containing all the data items for all U.S. counties.

[View The Atlas of Rural and Small Town America](#)

Using Maps to Address Blood Pressure Medication Adherence in Maine
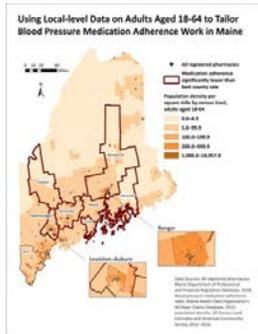
Epidemiologists and program staff at the Maine CDC recently published a GIS Snapshot in *Preventing Chronic Disease*. The GIS Snapshot highlights a map designed to provide guidance regarding where public health programs to improve blood pressure medication adherence are needed. The map includes medication adherence rates, pharmacy locations and population density, and can be used to inform future pharmacy-based interventions in counties with significantly lower adherence rates in Maine. The map is also a product of the GIS Capacity Building Project offered collaboratively by the Centers for Disease Control, The National Association of Chronic Disease Directors, and the Children's Environmental Health Initiative at Rice University.

[View the GIS Snapshot in *Preventing Chronic Disease*](#)

View Health Indicators Related to Heart Disease and Stroke Prevention

Another resource included in the [Chronic Disease GIS Exchange](#) is *Data Trends and Maps* – an online tool provided by the Division for Heart Disease and Stroke Prevention at CDC. This tool allows users to view health indicators related to heart disease and stroke prevention by location, data source, or health indicator. National and state level maps are available for major cardiovascular diseases and many risk factors including hypertension, diabetes, obesity, physical inactivity, and smoking.

[View Data Trends & Maps](#)

GIS Quick Tip: Create Multiple Maps from a Single Map Document

Learn how to create multiple maps from a single map document by using the Data Driven Pages feature in ArcMap. In order to run Data Driven Pages, the large map must consist of polygon sections or boundaries that ArcMap can read as unique areas. ArcMap creates smaller maps based on the polygon boundaries that exist within the larger map. Use the link below for more detailed instructions.

[How to create multiple maps from a single map document](#)

Call for Abstracts for Posters!

The 2019 Northeast Epidemiology Conference is currently accepting abstracts for poster presentations that focus on public health issues of emerging concern. GIS abstracts are encouraged. The conference will take place in Portland, Maine, on November 13-15. Submit all abstracts by September 6 for consideration. All speakers will receive notification of acceptance by October 1. The poster display will occur on Thursday, November 14.

[Get more information about the conference and call for abstracts](#)

Upcoming Regional and National Conferences and Events

Regional

- Aug 22-23, The South Florida GIS Expo - Palm Beach, FL
- Sep 23-25, Ohio GIS Conference 2019 - Columbus, OH
- Nov 13-15, 2019 Northeast Epidemiology Conference - Portland, ME

National

- Sep 28-Oct 2, URISA GIS-Pro Conference 2019 - New Orleans, LA
- Oct 1-4, AGIC Education & Training Symposium 2019 - Prescott, AZ
- Oct 8-10, GeoVet 2019 Conference on Spatial Epidemiology for Animal Health and Food Safety - Davis, CA
- Nov 2-6, American Public Health Association Annual Meeting - Philadelphia, PA
- Nov 5-8, 27th ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems - Chicago, IL
- Nov 14-15, CDC Place & Health Conference (more details to follow) – Atlanta, GA

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