GIS EXPRESS
For Chronic Disease

Volume 3, Issue 3	July 29, 2020

Welcome to the July Edition of the Chronic Disease GIS Express!

In This Issue

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.

Maps in Action: County-level Increases in CHD Mortality by Race, Gender, Age Group and Time Period, 1997-2017
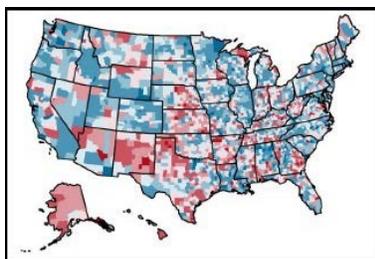

County-level increases in CHD death rates were uncommon prior to 2010, but were common and widespread after 2010 across race, gender, and age. Among adults aged 35-64, 40.5% of counties experienced increasing CHD death rates since 2010. This paper, published in PLOS One by Adam Vaughan et al, includes county-level maps of CHD death rates and trends from 1979 – 2017 by age, race, and gender. All county-level rates and trends in the paper are downloadable from the supplemental file for further use by state and local health departments and other interested organizations.

View the Article in *PLOS One*

Atlas Insights: Compare Layers of Risk and Disease

With the Atlas of Heart Disease and Stroke, you can compare different

Atlas of Heart Disease and Stroke
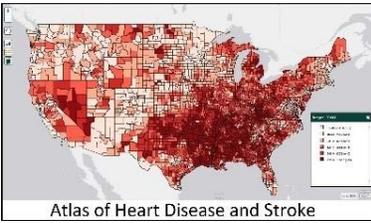
layers of data by using the Compare Layers Tool. The tool is located on the top navigation bar and can be implemented after you have created an initial map. Just select an additional layer and you'll be able to swipe back and forth to compare the two maps of interest to you and your colleagues.

Compare Layers on the Atlas of Heart Disease and Stroke

GIS Resource: Chronic Disease Indicators

You can easily download a series of chronic disease risk factors and outcomes data from the Chronic Disease Indicator website. All the surveillance indicators were developed by a consensus among CDC, CSTE, and NACDD, and is one of the GIS resources available via the Chronic Disease GIS Exchange.

View the Chronic Disease Indicators Portal

Map Gallery Spotlight: Hypertension and Drive Times to
Public Health Programs in Kansas

The Kansas Department of Health has created a map that displays the burden of self-reported hypertension along with drive times to CDC-recognized lifestyle change programs. The map demonstrates a gap in access to these programs in regions of the state with high prevalence of self-reported hypertension.

View the Hypertension and Drive Time Map in the Map Gallery

GIS Quick Tip: Adding a Histogram to a Map

Adding a histogram to your map provides important information for the reader to understand how data are distributed within the map categories. This quick tip shows you how to add a histogram with just a few easy steps.

View this Quick Tip in the GIS Exchange

Upcoming Regional and National Conferences and Events

Regional

The Urban and Regional Information Systems Association (URISA) is a multi-disciplinary geospatial organization that provides professional education and training for users of GIS and other information technologies to solve challenges at all levels of government.

- [Nov 9-13, URISA GIS Leadership Academy - St. Petersburg, FL](#)

National

- [Oct 24-28, APHA Annual Meeting - Virtual Conference](#)

About the Chronic Disease GIS Express
The Chronic Disease GIS Express is a bi-monthly e-newsletter from CDC's Division for Heart Disease and Stroke Prevention that shares GIS tools, news, and resources related to chronic diseases.

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