

Innovative Applications of Demographic Data for Sustainable Healthy Communities: Time Critical Problem-Solving



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Community Commons Integration Platform

Community Commons is an interactive mapping, networking, and learning utility for the broad-based healthy, sustainable, and livable, healthy communities' movement.

...Brings change-makers together to connect with thought leaders and peers, share their stories and strategies, and access and map community data.

A National Web-based GIS Data Engine

Environment

Education

Food

Housing

Poverty

Economic /Income

Transportation

Demographic

Health

Civic

Political

Emergency Management

**Thousands of GIS
Data layers for all
Communities in the US**

**(State, County, District, Tract,
Block Group, Block,
Point Level Data)**



State
Org

National
Org

National
Network

Guiding Principles

Coherent navigation

Accelerated learning for end users

Professional collaborative network

Leveraging other Organizations' investments

Sta
Netw

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Org

Local
Network



ABOUT CHNA

The CHNA toolkit is a free web-based platform designed to assist hospitals and organizations seeking to better understand the needs and assets of their communities, and to collaborate to make measurable improvements in community health and well-being.

[» Read more about CHNA.](#)



Overview video

[» Watch more videos](#)

WHAT'S NEW?

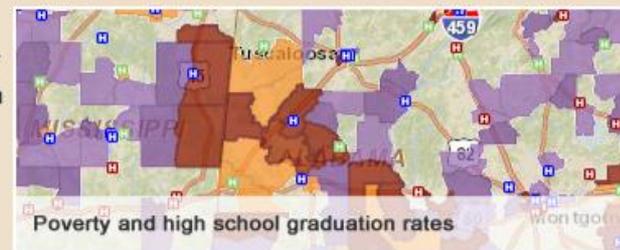
Data Update, 3/21/2014 - New maps and data now available for 5 indicators from the American Community Survey. [more...](#)

Data Update, 2/27/2014 - New maps and data now available for 5

Community Health Needs Assessment (CHNA)

Vulnerable Populations Footprint

Locate areas of concern for vulnerable populations and health disparities in your community based on spatial visualization of two indicators, **poverty rate** and **educational attainment**, which have been shown to strongly influence individual risk factors and community health status. [Read more...](#)



Recommended workflow:



Community Health Needs Assessment

Core Health Indicators Report

A limited number of indicators are selected to align with national health improvement initiatives focused on tobacco free living, healthy eating and active living, clinical prevention services, and social and emotional wellness. [See community and health care action examples.](#)



Full Health Indicators Report

This report uses the County Health Rankings, The Community Guide, Healthy





We believe that a nation full of healthy, thriving communities is closer than you think—and to get there, we'll need to work and learn together.



It's Time to Clean Up Our Work Meetings

It can be difficult to eat well in our junk food culture. One way to make healthy eating more possible is to change the food at work environment to make it more supportive. [Read more](#)

[Browse all Commons articles.](#)



Building a Healthier Future

Everyone from Fortune 500 companies to the scrappiest of nonprofits, to parents, teachers and legislators, has a role to play in reversing the childhood obesity epidemic. [Read more](#)

[Related posts](#)



Collaboration Key for Reducing Childhood Caries

Dental caries (cavities) remain the most common preventable chronic childhood disease, yet few rural families have good access to a dentist. [Read more](#)

[Related posts](#)



National Civic Review

Throughout 2014, Community Commons is partnering with the National Civic Review to celebrate 25 years of the Healthy Communities Movement. [Read more](#)

[Related posts](#)

[Recorded Webinar: A Nonprofit Resource for](#)



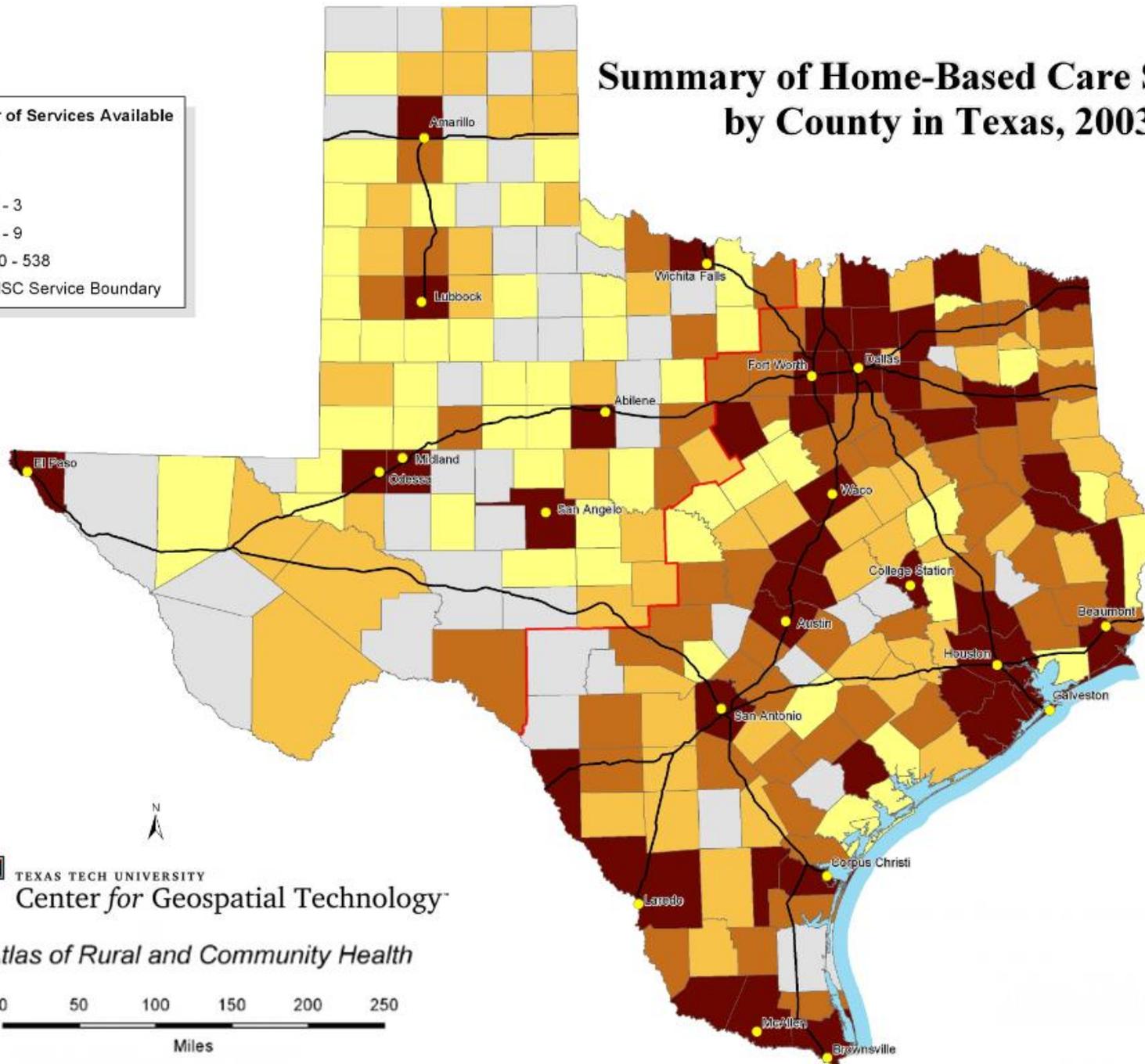
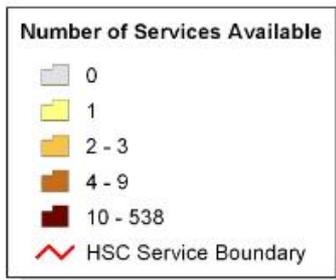
From Being the Movement to Building the Movement

Nonprofit organizations have critical roles in supporting movements, but they are not movements themselves. [Read more](#)

[Related posts](#)

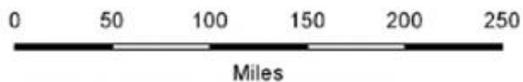
[Home Group of](#)

Summary of Home-Based Care Services by County in Texas, 2003



 TEXAS TECH UNIVERSITY
Center for Geospatial Technology

Atlas of Rural and Community Health



Access to Primary Care Physicians From Cities and Towns in Texas, 2005

Relative to Rural and Non-Rural Areas

***Distance to a Primary Care Physician**

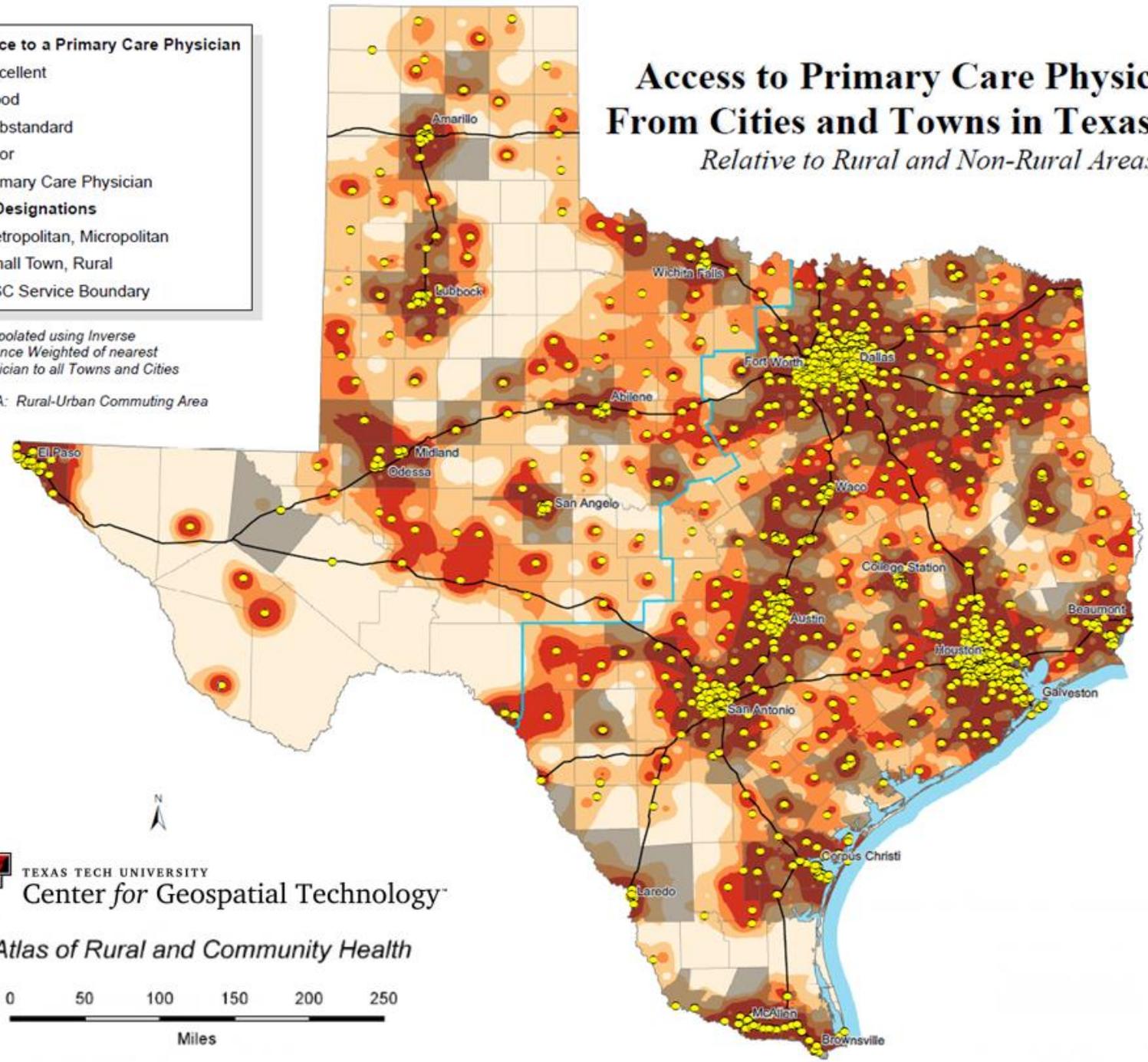
-  Excellent
-  Good
-  Substandard
-  Poor
-  Primary Care Physician

RUCA Designations

-  Metropolitan, Micropolitan
-  Small Town, Rural
-  HSC Service Boundary

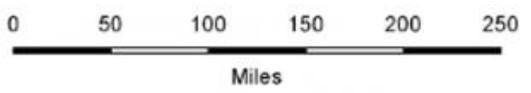
**Interpolated using Inverse Distance Weighted of nearest Physician to all Towns and Cities*

RUCA: Rural-Urban Commuting Area




TEXAS TECH UNIVERSITY
Center for Geospatial Technology

Atlas of Rural and Community Health



TNA/TONE Health IT Committee

as a critical collaborator

Original Task Force Charge* was to:

- Determine implications of health care informatics for nursing practice and education in Texas
- Include nationally-based Technology Informatics Guiding Education Reform (TIGER) initiative

TIGER Vision: To enable nurses and inter-professional colleagues to use informatics and emerging technologies to make healthcare safer, more effective, efficient, patient-centered, timely and equitable by interweaving evidence and technology seamlessly into practice, education and research fostering a learning healthcare system.

* Based on: TNA (2010). Resolution on Technology Informatics. *Texas Nursing*, 84(2), 7. Adopted by TNA House of Delegates on April 24, 2010.

Why Does HIT Matter *Deep in the Heart of Texas?*

- Environmental Forces:**
- Health Care Reform/ARRA
 - Advanced Practice Nurse Roles
 - EHR Incentives
 - IOM/RWJF Report *Advancing Health Care*
 - Informatics Nurse Standards by ANA
 - Emerging diseases/'unanticipated events'

Benchmark Reports on Progress

Involve Constituents

CNE for Practicing Nurses
Educational Content Dissemination
Awareness Campaign

Nursing HIT Curriculum Development

Embrace the Technology
Preserve the Art
For 300,000 Texas Nurses

Nursing Leaders and HIT Orgs.

T.I.G.E.R Phase III Partnership



Advisory Committee: Practice, Administration, Education and Vendors/Suppliers

HIT Committee Membership

Composed of TNA and TONE Members from practice and academia

Task Force Members

- Nancy Crider*
- Mary Anne Hanley
- Susan McBride
- Molly McNamara
- Mary Beth Mitchell
- Elizabeth Sjoberg
- Mari Tietze*

Texas Nurses Assoc.

- Stacey Cropley**
- Laura Lerma



Summary

Proposed collaborative (TNA/TONE/RAC) network with decision-assisting platforms and informatics to help solve time-critical problems impacting Texas communities

Imagination is more important than knowledge
-- Albert Einstein