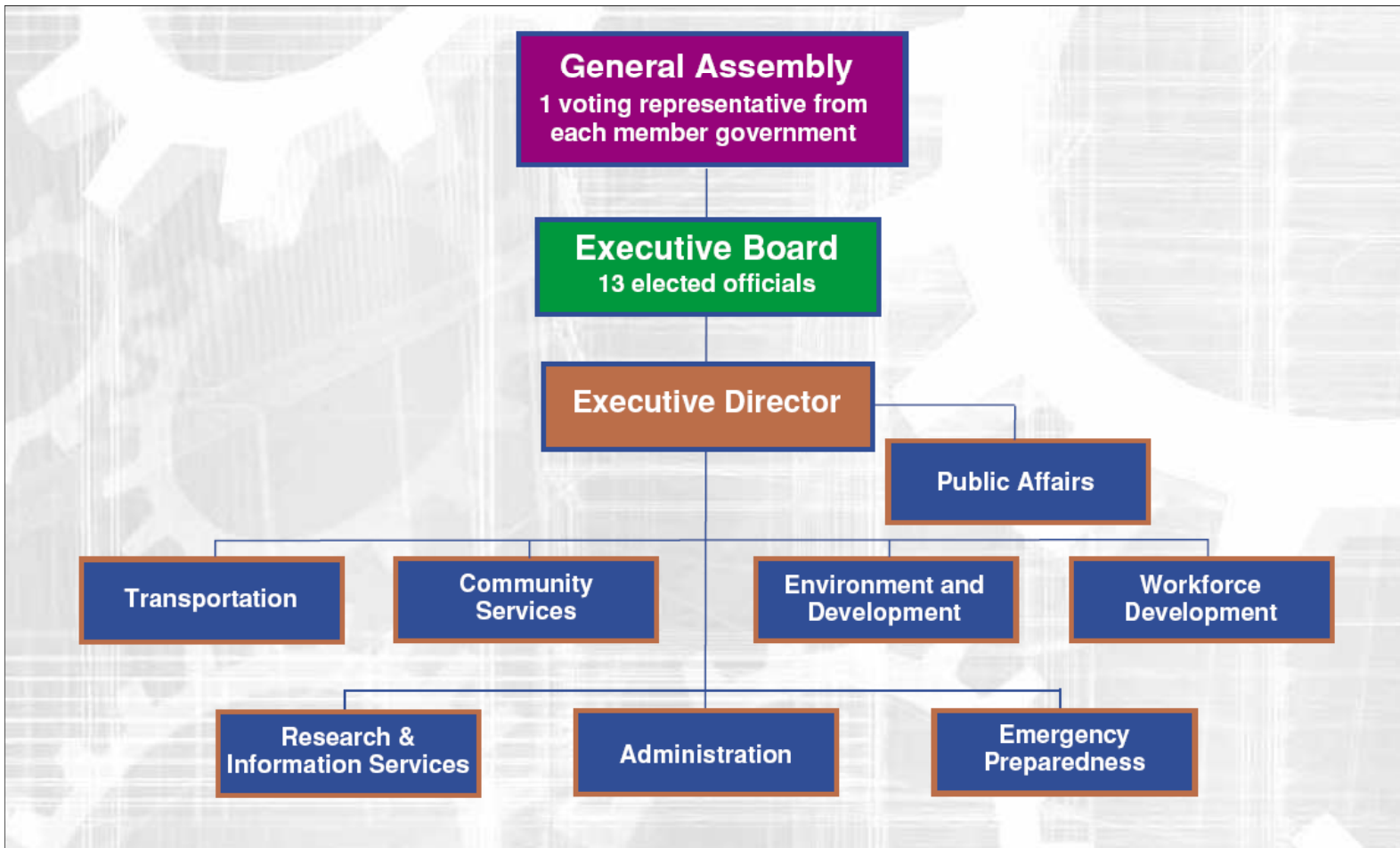# Making Data Useful

North Central Texas Council of Governments
Research and Information Services
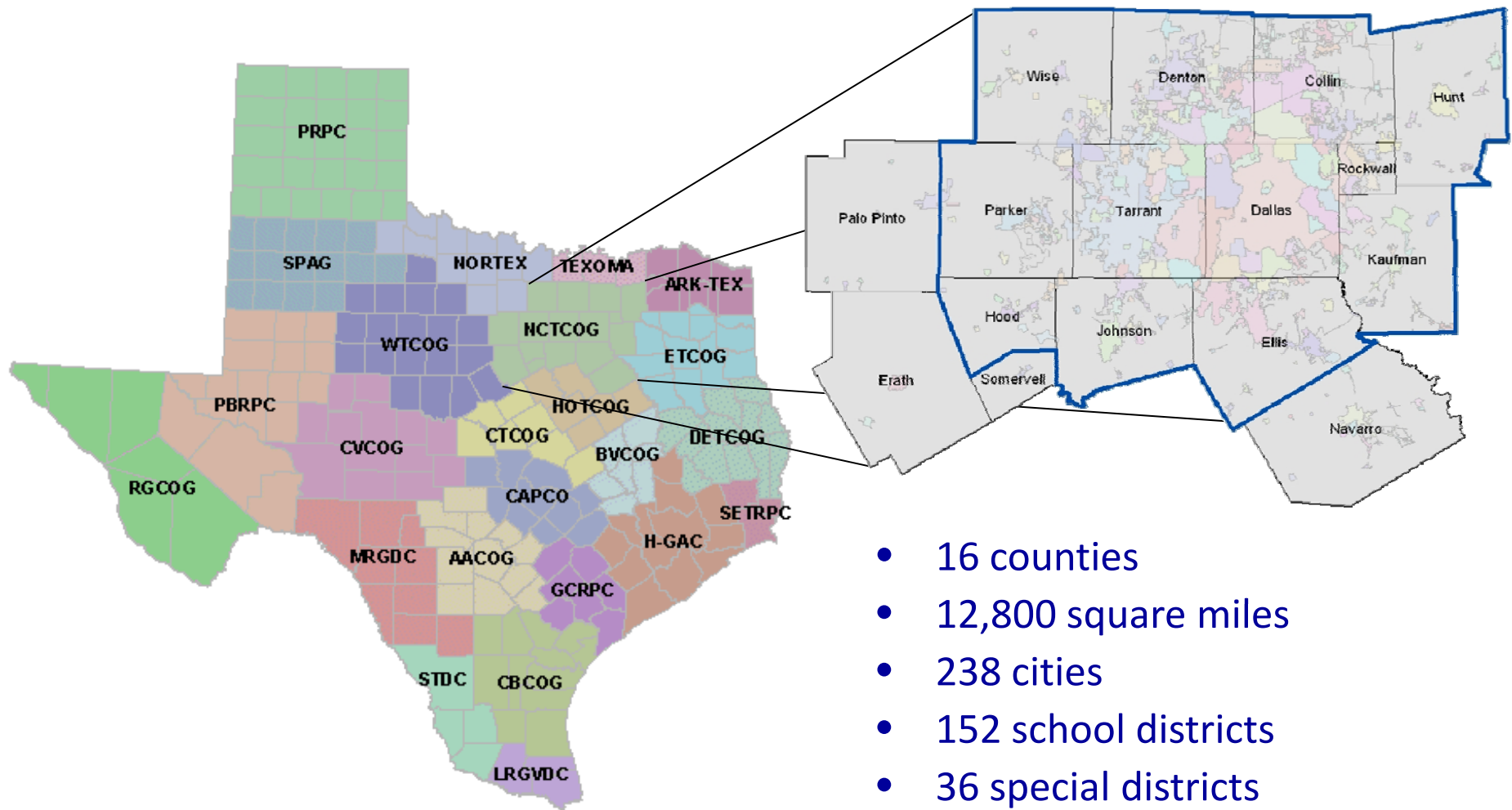
March 29, 2012

NCTCOG

- Voluntary association of, by, and for local governments
- Assist local governments
  - Planning for common needs
  - Cooperating for mutual benefit
  - Coordinating for sound regional development

NCTCOG

NCTCOG

- 16 counties
- 12,800 square miles
- 238 cities
- 152 school districts
- 36 special districts

Research and Information Services

Research

- Population, Housing, and Employment Estimates
- Demographic and Land Use Data
- Development Monitoring
- Specialized Analysis and Research Projects
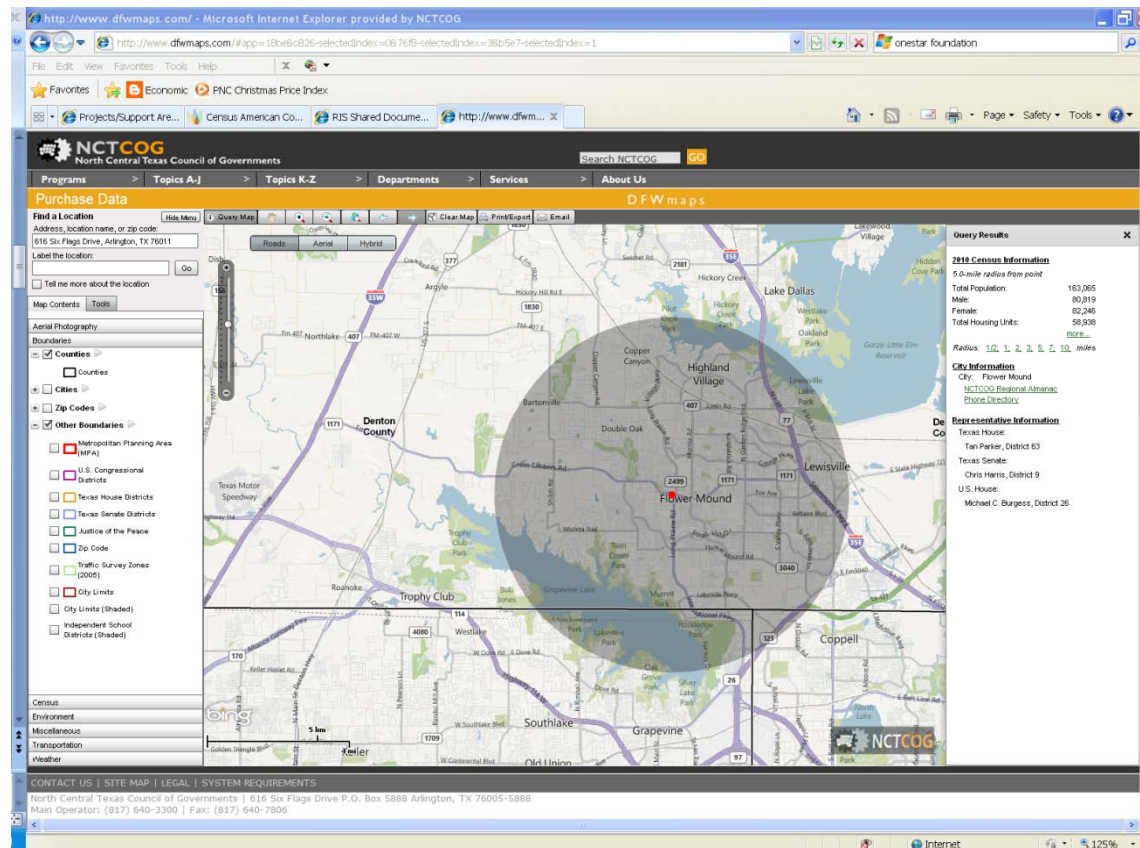- Census Support
- Technical Assistance

Information Services

- Computer / Network Support
- Internet / Intranet Services
- Geographic Information Systems
- Local Government Technical Services
- Database Management
- Shared Services
- Information Security
- Application Development

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COUNCIL OF GOVERNMENTS

DFWmaps.com

The flagship mapping service of the NCTCOG Research and Information Services Department.

DFWmaps gives the public free access to NCTCOG information through a user-friendly Internet application.

DFWmaps.com

- 16-county Coverage

- Interactive

- Bing Maps Platform

- Road/aerial/hybrid Views

- Display Aerials, Boundaries, Land Use, Transportation, Weather

- Print/export/email/save Maps

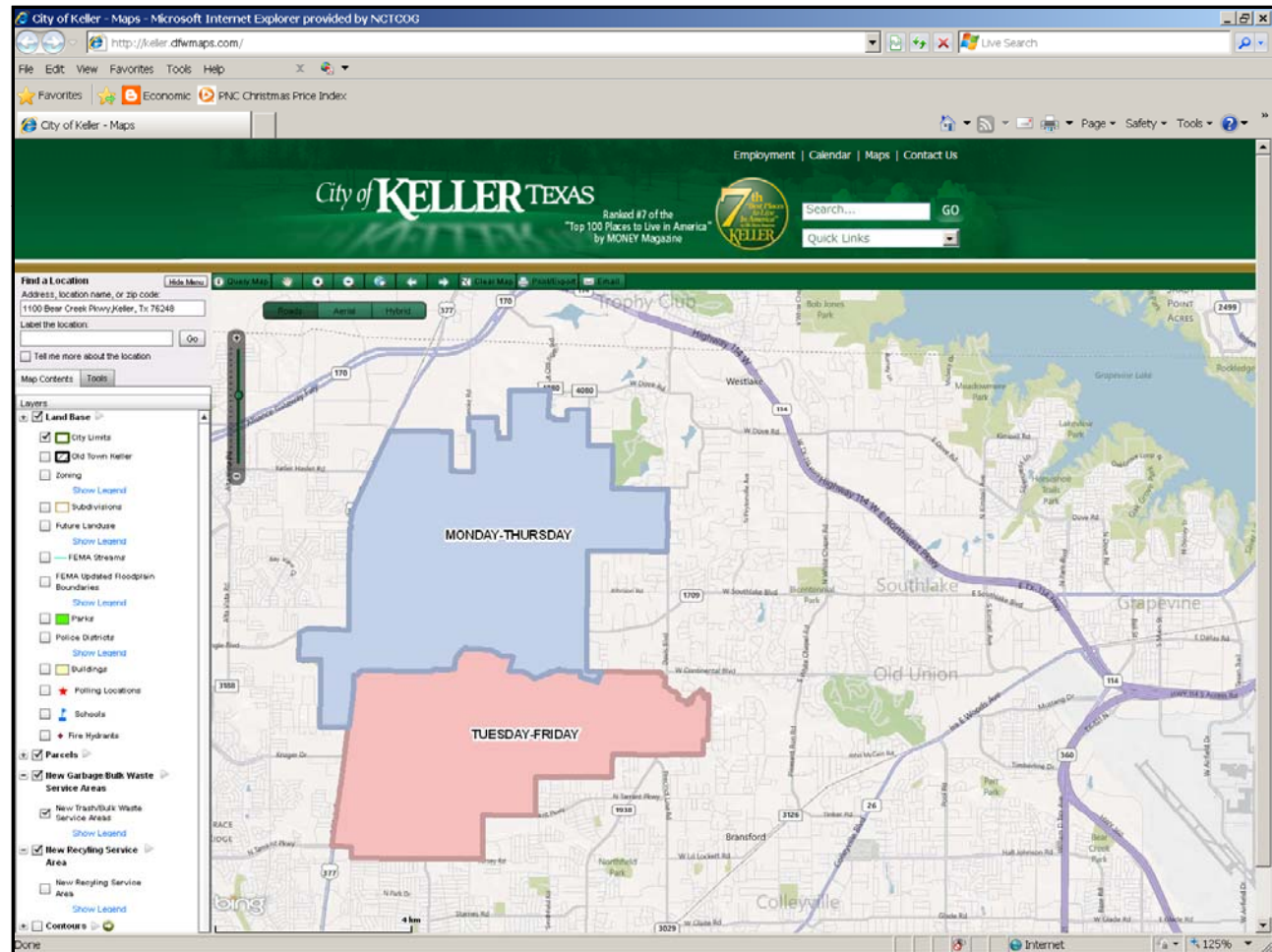- Basic Census Data Query

- Purchase Data
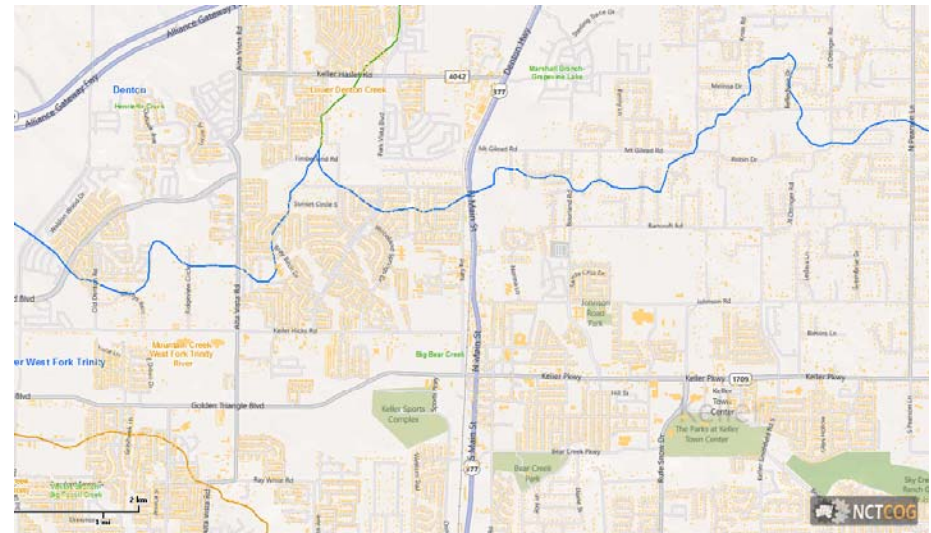
iCommunities

DFWmaps
- Boundaries
- Aerials
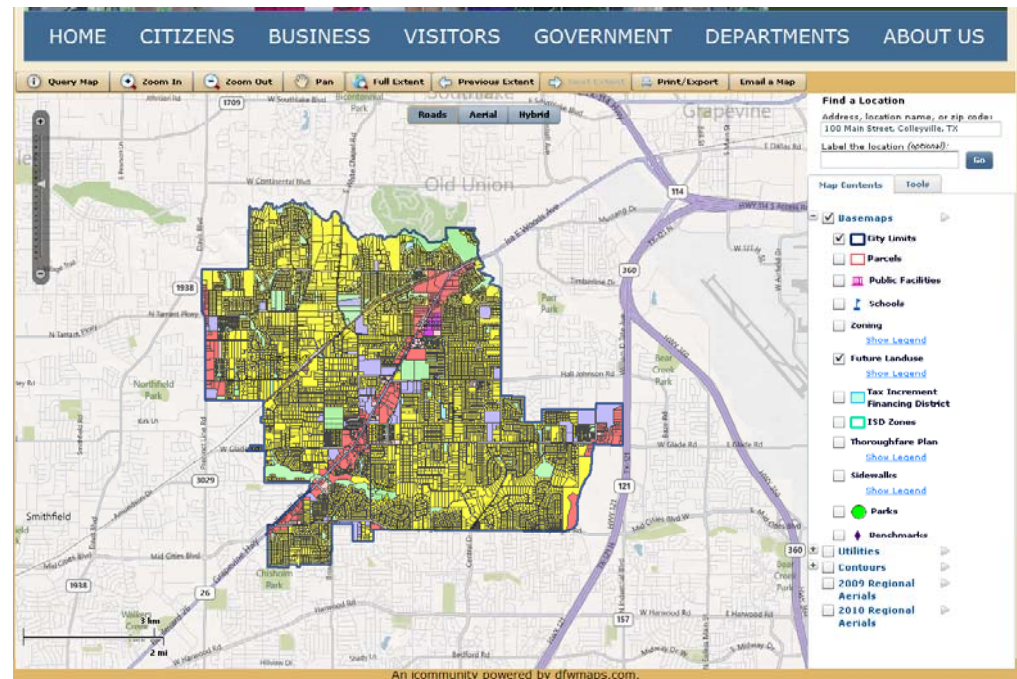- Contours

Other Data Layers
- Trash/recycling days
- Crime data
- Library locations
- Zoning
- Homeowners associations

iCommunities

- Localized Coverage
- Customized Colors, Masthead
- Accessible Through Local Entity's Own Website
- Communication Tool
- Publish Own Data

RIS Challenges

- Possess Relatively Small, but Talented Staff
- Facing Funding Cuts
- Desire to Continue to Support Local Governments and Other Data Users
- Belief that Shared Services Provides Efficiency and Cost Savings
- Aim to enlarge support base

Introducing:

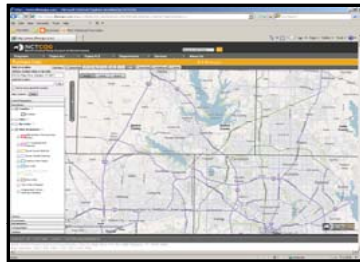**Research and Information Services Network (RISN)**

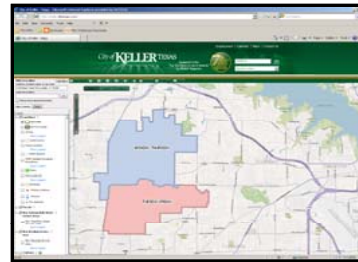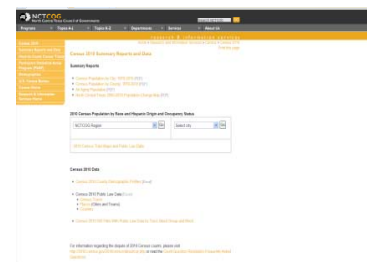**Easily Understood**   **Accessible**   **Informational**   **Operationally Useful**   **Cost Effective**

Research and Information Services Network (RISN)

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DFWmaps.com	iCommunities	NCTCOG Data

Scalable – Acquire subset or license entire data layer

Flexible – Data hosting and access options

Economical – Shared service means increased efficiency and cost avoidance

Sustainable – All data users have an opportunity to support efforts
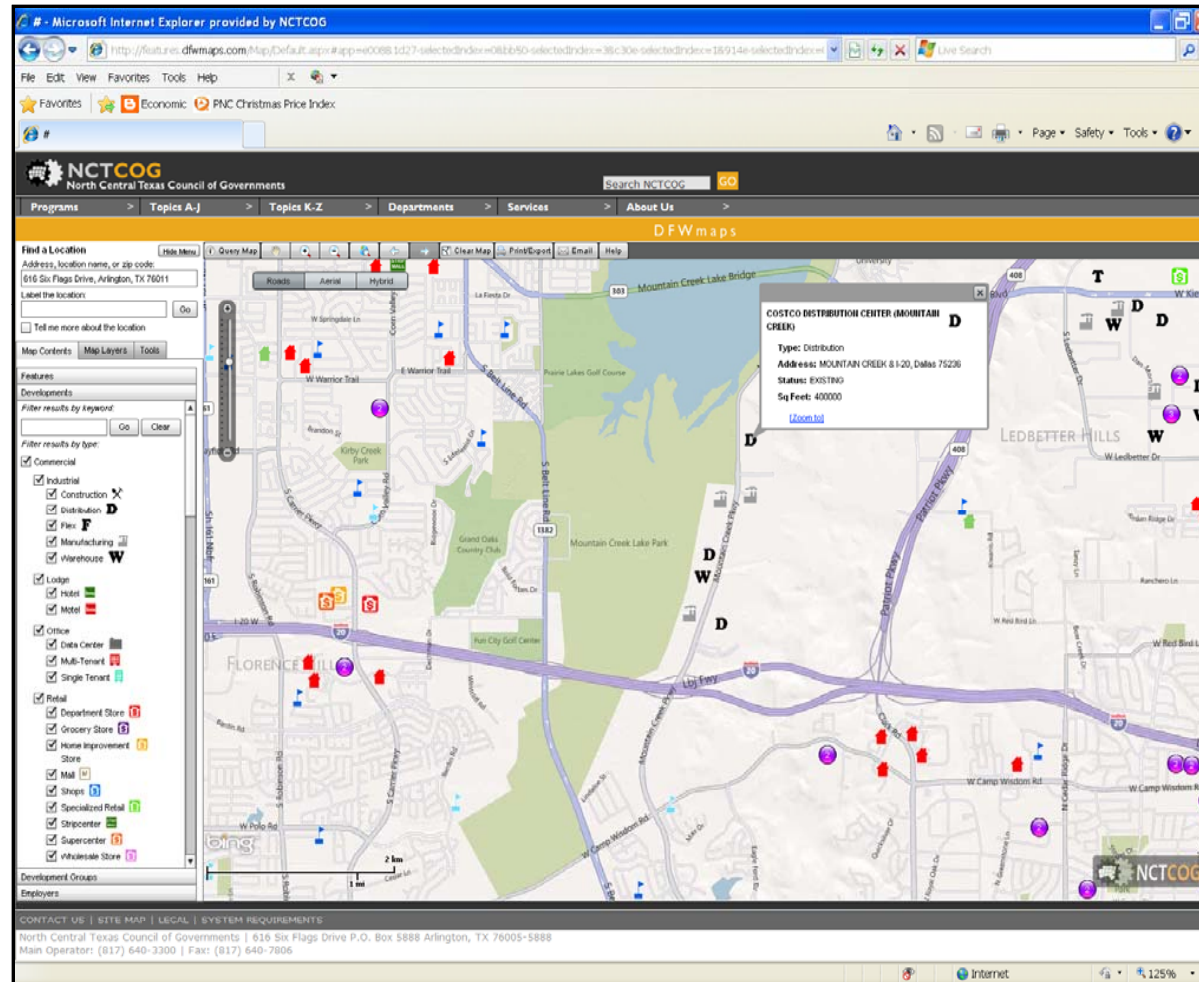
Easily Understood   Accessible   Informational   Operationally Useful   Cost Effective

Research and Information Services Network (RISN)

THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS

RISN Data Layers

- Demographic data
- Major developments
- Weather information
- Land use
- Parcels
- Traffic counts
- Employment data
- Planimetrics

Applications

- ❖ Economic development
- ❖ Planning
- ❖ Site selection
- ❖ Zoning cases
- ❖ Public outreach
- ❖ Small-area demographic analysis

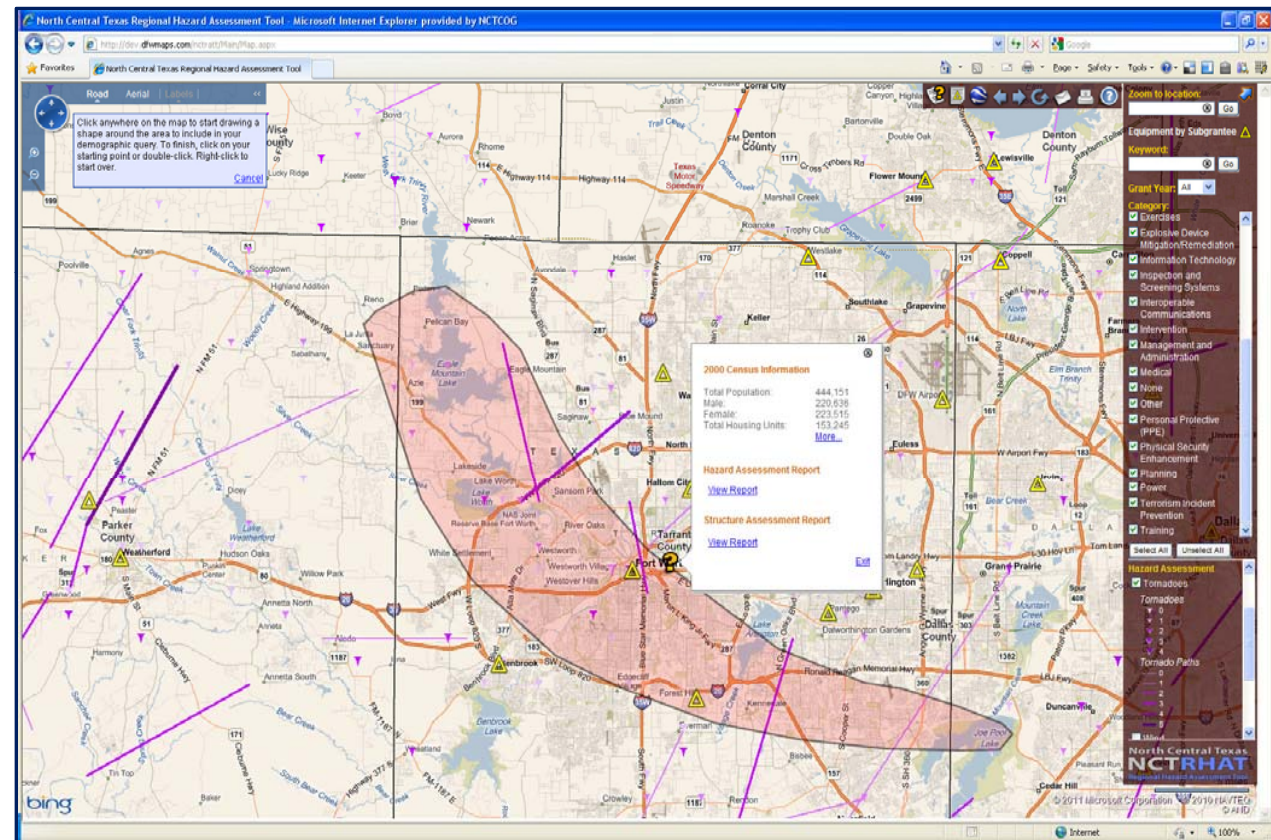**Easily Understood**   **Accessible**   **Informational**   **Operationally Useful**   **Cost Effective**

Application

Regional Hazard Assessment Tool (RHAT)

Web application that aggregates demographic, development, and weather event information on a standardized base map to assist in hazard mitigation, planning, and response.

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Easily Understood   **Accessible**   **Informational**   **Operationally Useful**   **Cost Effective**

Application: RHAT

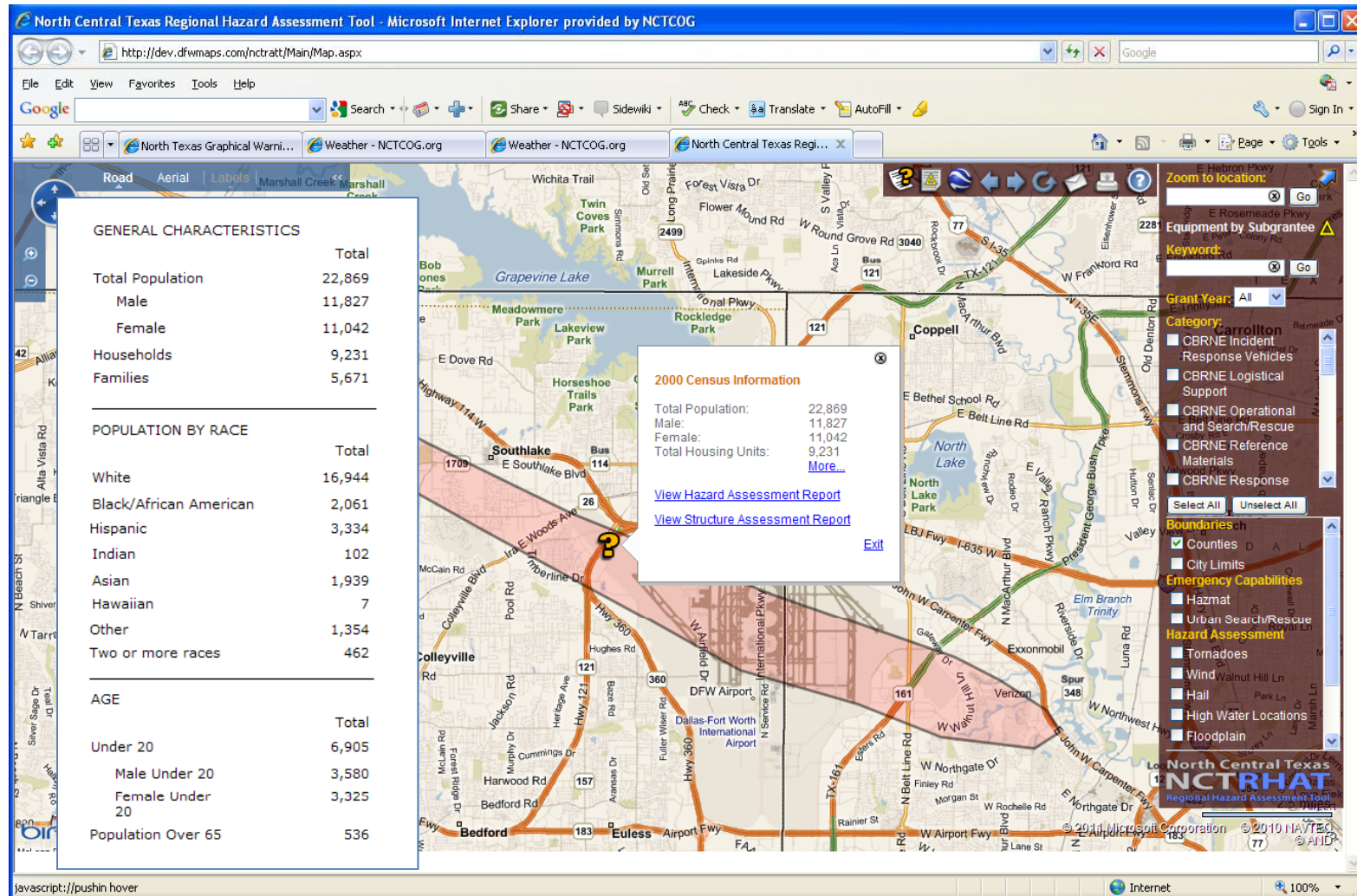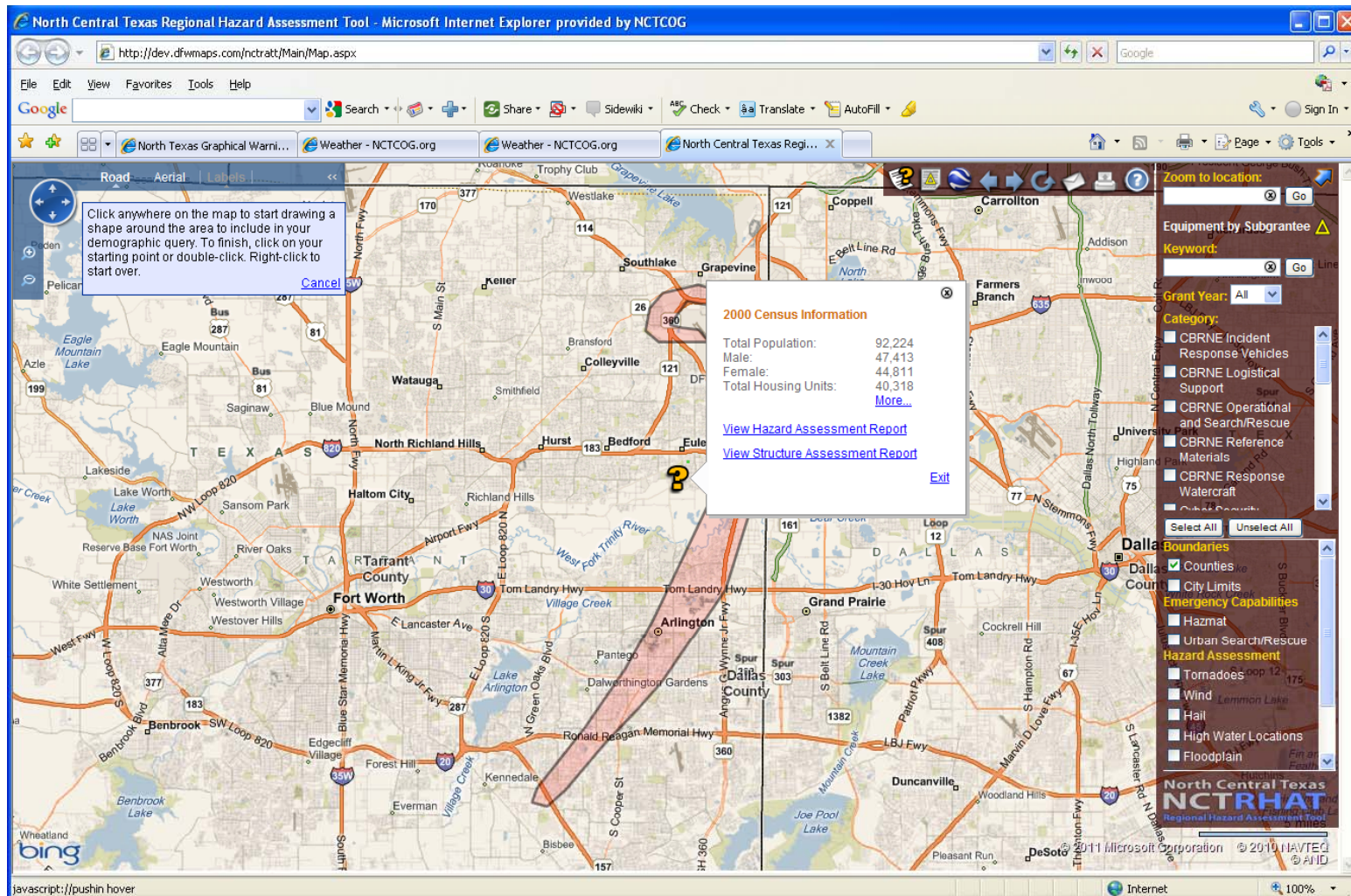Easily Understood   Accessible   Informational   Operationally Useful   Cost Effective

Application: RHAT

Easily Understood   Accessible   Informational   Operationally Useful   Cost Effective

Application: RHAT

◄◄	◄	1	of 2 ► ►►	100% ▼		Find | Next	Select a format ▼ Export

Land Use	Cost Range	Floodplain	Improved Value	Land Value	Total Value	# of Parcels
Real, Industrial	$100,000 to $200,000		$117,350	$52,650	$170,000	1
	$200,000 to $300,000		$1,273,805	$1,898,397	$3,172,202	5
	$300,000 to $400,000		$349,306	$50,144	$399,450	1
	less than $50,000		$102,377	$3,350,105	$3,452,482	3
	over $400,000		$56,447,270	$16,538,683	$72,985,953	14
Res Condominiums	$50,000 to $100,000		$2,386,207	$512,864	$2,899,071	36
	less than $50,000		$300,685	$71,906	$372,591	9
Res Duplex	$100,000 to $200,000		$14,433,756	$1,891,586	$16,325,342	115
	$200,000 to $300,000		$640,860	$47,740	$688,600	3
	$50,000 to $100,000		$22,348,480	$3,724,361	$26,072,841	306
	$50,000 to $100,000	500-YR	$67,275	$9,225	$76,500	1
	less than $50,000		$2,414,660	$745,287	$3,159,947	62
	over $400,000		$627,473	$79,127	$706,600	1
Res Mobile Homes	less than $50,000		$550,095	$1,020,510	$1,570,605	61
	less than $50,000	100-YR	$5,400	$16,500	$21,900	1
Res Multi-family	$100,000 to		$1,964,332	$639,759	$2,604,091	13

Select a format
XML file with report data
CSV (comma delimited)
Acrobat (PDF) file
MHTML (web archive)
Excel
TIFF file
Word

Easily Understood   Accessible   Informational   Operationally Useful   Cost Effective

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COUNCIL OF GOVERNMENTS

Application
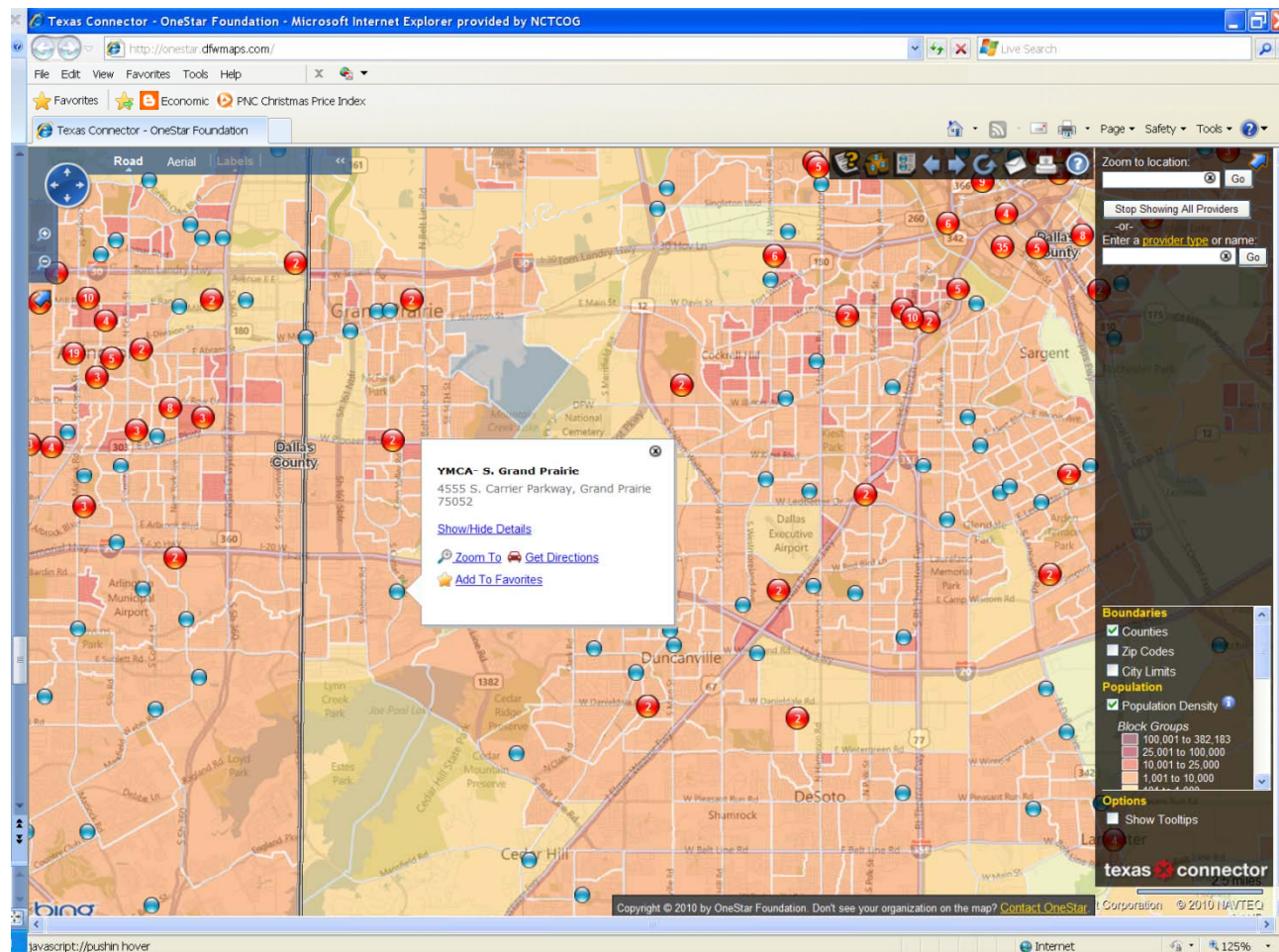
Texas Connector by OneStar Foundation

Interactive web-based tool that can be used to analyze the linkages between community needs and nonprofit organization locations and services.

Easily Understood   **Accessible**   **Informational**   **Operationally Useful**   **Cost Effective**

Application

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RISN: www.nctcog.org/risn
DFWmaps: www.dfwmaps.com
iCommunities: www.nctcog.org/ris/icommunities.asp
RIS Data: www.nctcog.org/ris/demographics