

“The Chain is Only as Strong  
as its Weakest Link”

## The Role of the American Community Survey in Rural Public Policy Decision Making

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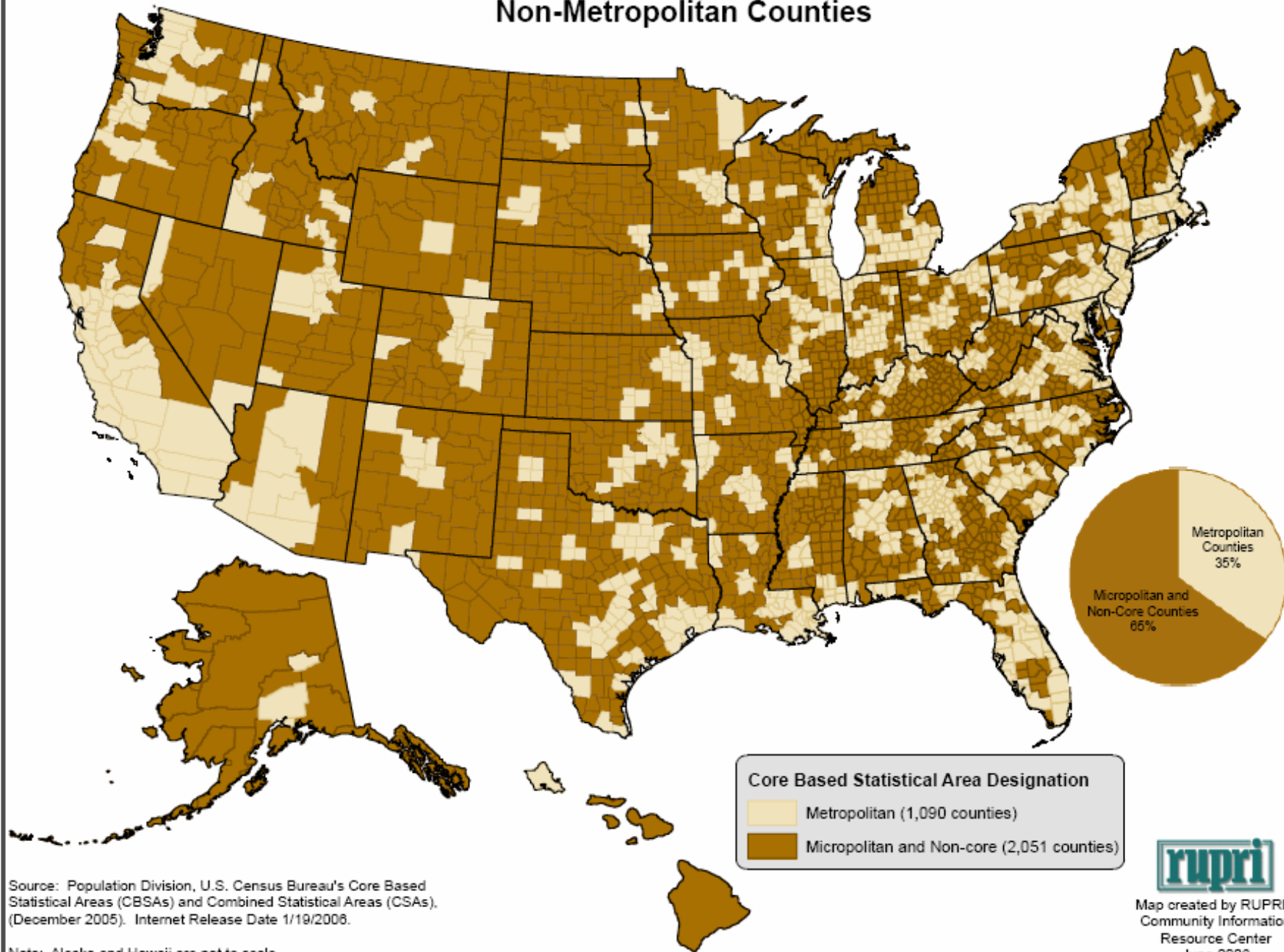
***Brookings Briefing on the Census: The Value of the  
American Community Survey to the Nation***

Washington, DC

# Outline

- The Role of the American Community Survey in:
  - Emergency Preparedness
  - Public Health (e.g., diabetes, HIV/AIDS, avian Influenza)
  - Early Childhood Development
  - Economic Development
  - Workforce Retention
- Information Systems for Decision Support
- Conclusions

## Non-Metropolitan Counties



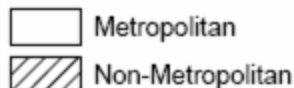
Source: Population Division, U.S. Census Bureau's Core Based Statistical Areas (CBSAs) and Combined Statistical Areas (CSAs), (December 2005). Internet Release Date 1/19/2006.

Note: Alaska and Hawaii are not to scale



Map created by RUPRI's  
Community Information  
Resource Center  
June 2006

**Metro/Non-Metro**



Percent gain and loss between 2005 and 2006 in Metro and Non-Metro Counties.

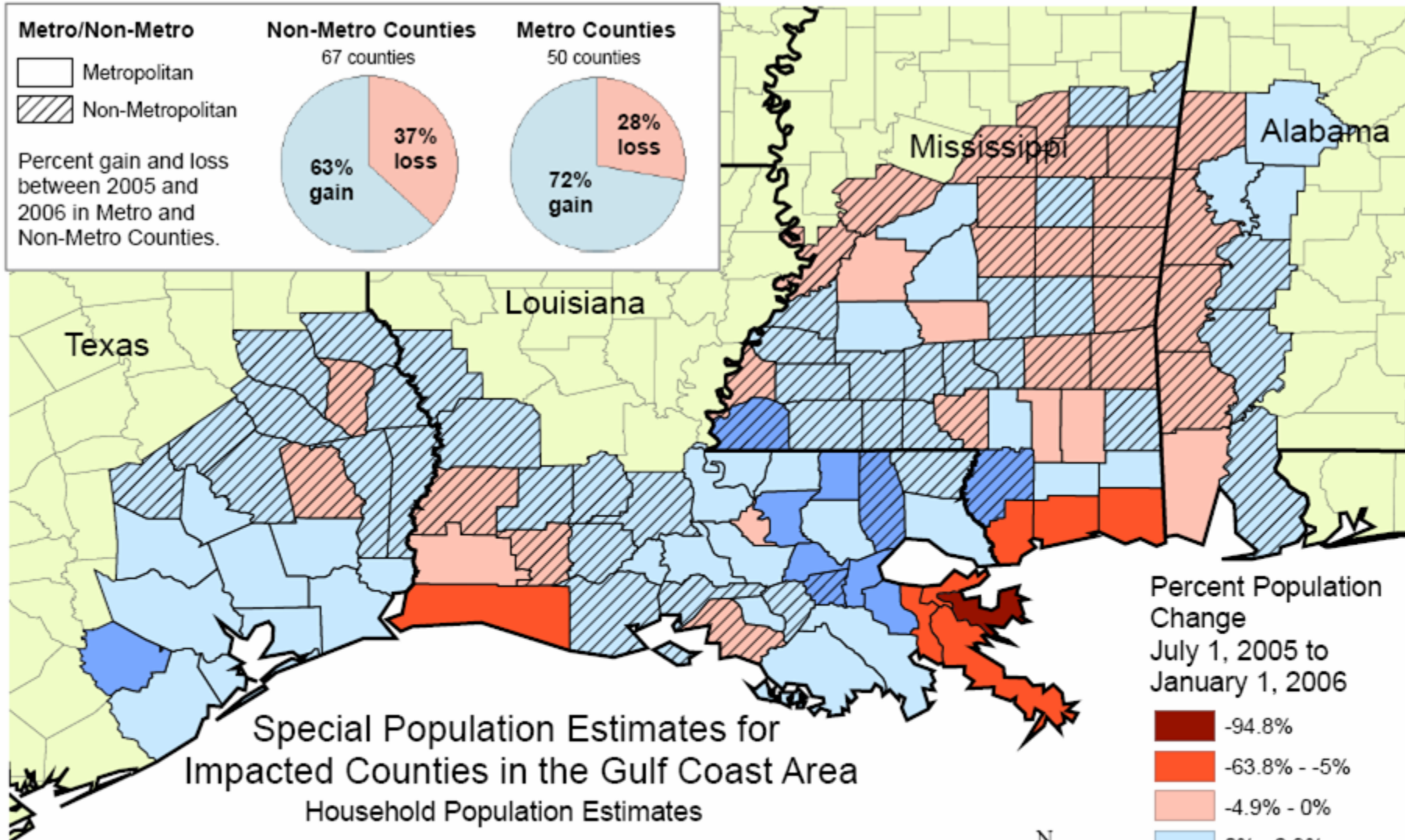
**Non-Metro Counties**

67 counties



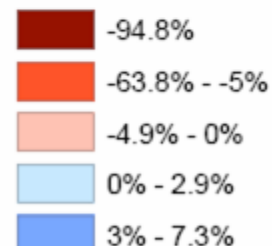
**Metro Counties**

50 counties



**Special Population Estimates for Impacted Counties in the Gulf Coast Area**  
Household Population Estimates

Percent Population Change  
July 1, 2005 to  
January 1, 2006

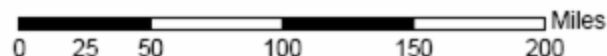


County/Parish losing population  
2005-2006; Number

Orleans, LA	-278,833
St. Bernard, LA	-61,215
Jefferson, LA	-37,273
Harrison, MS	-30,713

County/Parish gaining population  
2005-2006; Number

Harris, TX	92,824
East Baton Rouge, LA	16,965
Fort Bend, TX	15,410
Montgomery, TX	11,227



Sources: U.S. Census Bureau, Special Population Estimates for Impacted Counties in the Gulf Coast Area - June, 2006.  
Rural Policy Research Institute's Community Information Resource Center - June, 2006.

Metro/Non-Metro based on U.S. Office of Management and Budget, Core Based Statistical Areas - December, 2005.  
Impacted counties designation based on disaster declarations issued by the Federal Emergency Management Agency (FEMA).



Community Information  
Resource Center

### Special Population Estimates for Impacted Counties in the Gulf Coast Area

Shaded Counties = Non Metropolitan

Geography				Census 2000	Household Population Estimates		
				Population Count	Official Series	Official Series	Special Estimate
State Code	State Name	County Code	County Name	2000	July 1, 2004	July 1, 2005	January 1, 2006
<b>TOTAL ALL METROPOLITAN COUNTIES</b>				9,303,498	9,619,688	9,749,558	9,482,461
<b>TOTAL ALL NON METROPOLITAN COUNTIES</b>				2,231,354	2,167,040	2,178,682	2,195,302

Note: Data obtained from U.S. Census Bureau's "Special Population Estimates for Impacted Counties in the Gulf Coast Area" (June 2006) and U.S. Census Bureau's 2000 Population Count. Shaded counties have a Core Based Statistical Area code of

	Number of Counties that Gained Population After Hurricane Season 2005	Number of Counties that Lost Population After Hurricane Season 2005	
<b>Non-Metropolitan Counties</b>	42	25	
<b>Metropolitan Counties</b>	35	15	

	Population Change After Hurricane Season 2005	
<b>Non-Metropolitan Counties</b>	+ 16,620	
<b>Metropolitan Counties</b>	- 267,097	

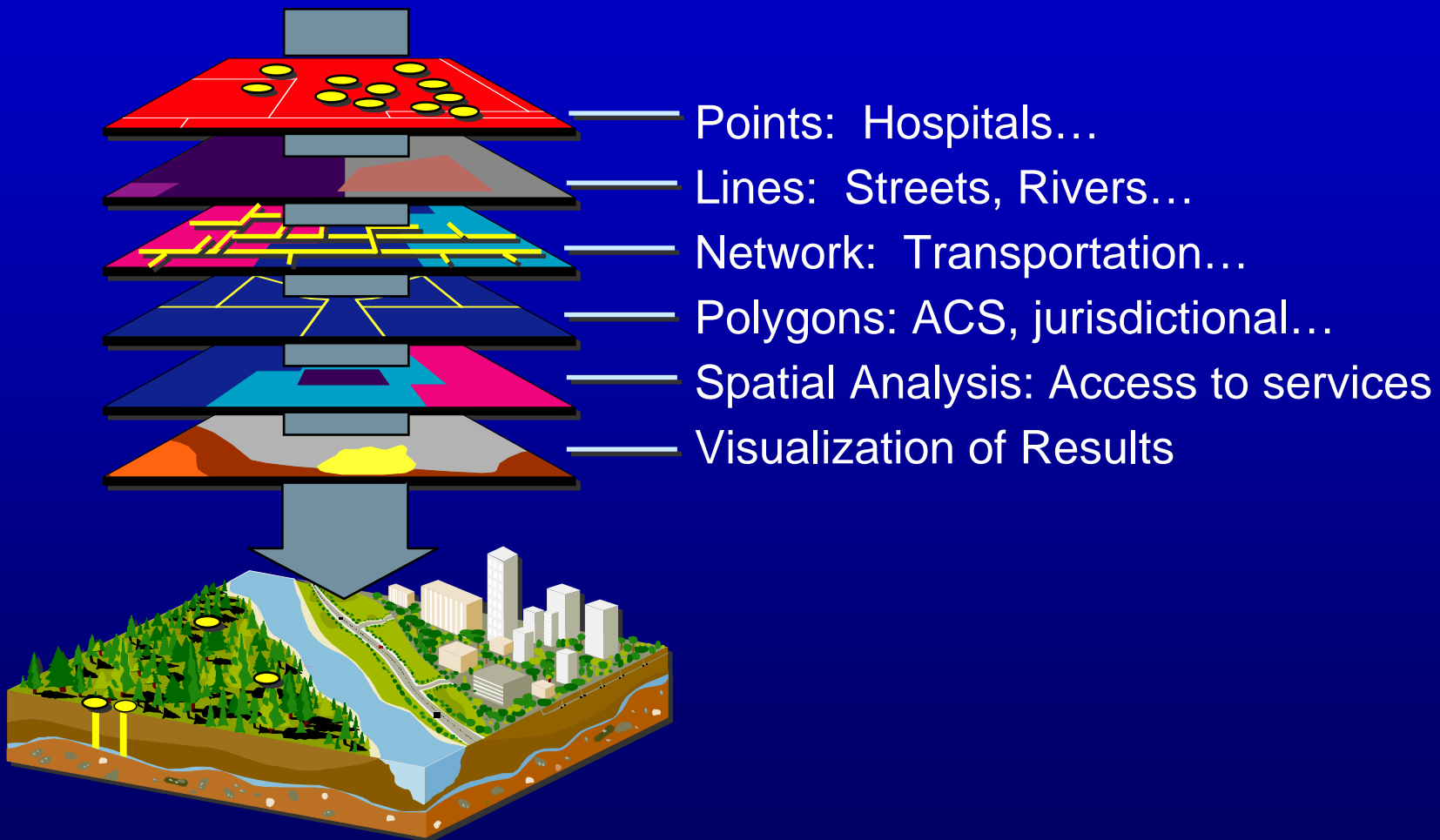
# Outline

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# Geographic Information System (GIS)

## Creating Data Layers

...linking digital data to “geography”



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## Interactive Mapping: Step 1. Specify Area of Interest

**Step 1. Specify Area of Interest**

## Step 2. Select Data Layers

## Step 3. Verify Selections

- [State](#)
- [County or Equivalent](#)
- [City](#)
  
- [US 109th Congressional District](#)
- [State Senate District](#)
- [State House District](#)

Select your area of interest. Click Step 2 above to proceed.

**1. Select a State:**

Missouri

**2. Select a US Congressional District:**

Congressional District 1  
Congressional District 2  
Congressional District 3  
Congressional District 4  
Congressional District 5  
Congressional District 6  
Congressional District 7  
Congressional District 8  
Congressional District 9

[Step 2. Select Data Layers](#)[home](#) | [about CIRC](#) | [projects](#) | [interactive mapping](#)RUPRI - Rural Policy Research Institute  
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## Interactive Mapping: Step 2. Select Data Layers

Step 1. Specify Area of Interest

**Step 2. Select Data Layers**

Step 3. Verify Selections

**DATA CATEGORY**

- Administrative
- Base Data
- [-] Census 2000
- Estimates and Projections
- [-] Economic
- [-] Emergency Preparedness
- [-] Health
- [-] Human Services
- Rurality
- [-] Special Projects

**Administrative**

- State Boundaries [details...](#)
- County Boundaries [details...](#)
- Cities and Towns [details...](#)
- US 109th Congressional Districts [details...](#)
- State House Districts, 2000 [details...](#)
- State House Districts, Updated [details...](#)
- State Senate Districts, 2000 [details...](#)
- State Senate Districts, Updated [details...](#)
- Voting Districts [details...](#)
- County Subdivisions [details...](#)
- Elementary School Districts [details...](#)
- High School Districts [details...](#)
- Indian Reservation Boundaries [details...](#)
- New York City Boroughs [details...](#)
- ZIP Code Tabulation Areas (ZCTAs) [details...](#)

[Step 3. Verify Selections](#)

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## Interactive Mapping: Step 2. Select Data Layers

Step 1. Specify Area of Interest

**Step 2. Select Data Layers**

Step 3. Verify Selections

### DATA CATEGORY

- Administrative
- Base Data
- Census 2000
  - Age
  - Education
  - Employment by Industry
  - Gender
  - Group Quarters
  - Hispanic or Latino
  - Household by Type
  - Housing Occupancy and Tenure
  - Income
  - Labor Force
  - Population
  - Race
  - Relationship of Persons in Household
  - Urban and Rural Population
  - Work Force by Occupation
- Estimates and Projections
- Economic
- Emergency Preparedness
- Health
- Human Services
- Rurality
- Special Projects

### Census 2000

- Age**
  - Median Age
    - By Block Group
    - By Census Civil Division
    - By CMSA\_MSA
    - By County
    - By Designated Place
    - By State
    - By Tract
    - By US Congressional
  - 17 and under
  - 18 to 24 years
  - 25 to 44 years
  - 45 to 64 years
  - 62 years and over
  - 65 years and over
  - 4 and under
  - 5 to 9 years
  - 10 to 14 years
  - 15 to 17 years
  - 18 to 19 years
  - 20 to 24 years
  - 25 to 34 years
  - 35 to 44 years
  - 45 to 54 years
  - 55 to 59 years
  - 60 to 64 years
  - 65 to 74 years
  - 75 to 84 years
  - 85 years and over

**Note:** For each interactive map, you are limited to add up to 4 data layers with the SAME geographic unit (e.g. county) from the Census 2000 collection.

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## Interactive Mapping: Step 3. Verify Selections

Step 1. Specify Area of Interest

Step 2. Select Data Layers

Step 3. Verify Selections

Check your selections of geographic area and data layer listed below. Click "Map Map" to start your interactive map. An interactive map allows you to change colors, label items, utilize tools, and make printable maps (HTML or PDF format).

MAKE MAP

**Geographic Area:**

US (Lower 48 States)

CHANGE

**Data Layer Selections:**

Lakes and Ponds

DELETE

State Boundaries

DELETE

Education: Educational Attainment High School Diploma or Equivalent By County, 2000 Percent

DELETE

Rural Health Clinic (POS, 2005)

DELETE

MAKE MAP

For information on Browser Requirements, click [here](#).

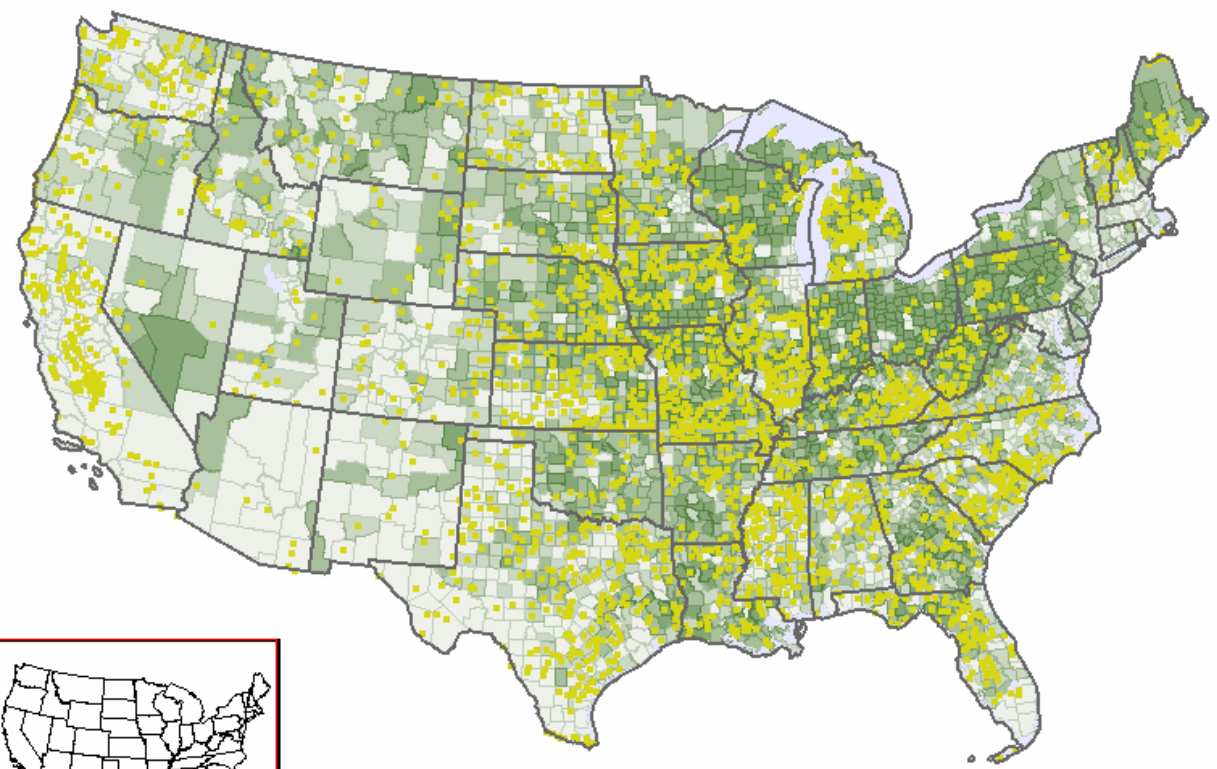
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Current Tool: Zoom In



- Display map legend
- Layer and label controls

- State Boundaries
- Rural Health Clinics (POS, 2005)
- Water
- Percent Educational Attainment High School Diploma or Equivalent by County, 2000
  - 38.94 or more
  - 34.83 - 38.93
  - 30.69 - 34.82
  - Less than 30.69
  - No population

Map Scale = 1:23685072  
0 452mi

# What datasets are updated on a regular basis?

- Center for Medicare and Medicaid Services' Point of Service File
- Bureau of Health Professions' Area Resource File
- Health Resources Services Administration's Medically underserved areas and Health professional shortage areas
- United States Department of Agriculture's Economic Research Services' County Typology Codes
- United States Department of Agriculture's Bureau of Economic Analysis data
- Census estimates
- Base layers such as roads, highways, counties, etc.

“The Chain is Only as Strong  
as its Weakest Link”

Informed decisions are based on the information  
provided...

What are the unintended consequences for basing our  
decisions on old data?

# Website and Contact Information

RUPRI's Community Information Resource Center - CIRC

<http://circ.rupri.org>

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