

Regional Demographics Mid-Missouri Economic Summit



**Capitol Plaza Hotel
Jefferson City, MO**

June 29, 2007



**Bill Elder, Director
Office of Social & Economic Data Analysis (OSED)**
University of Missouri—Columbia

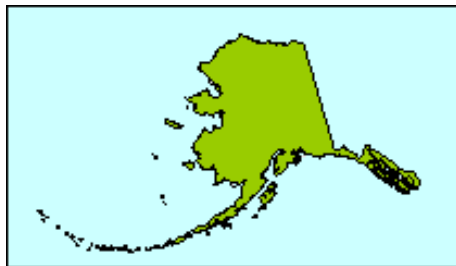


Overview

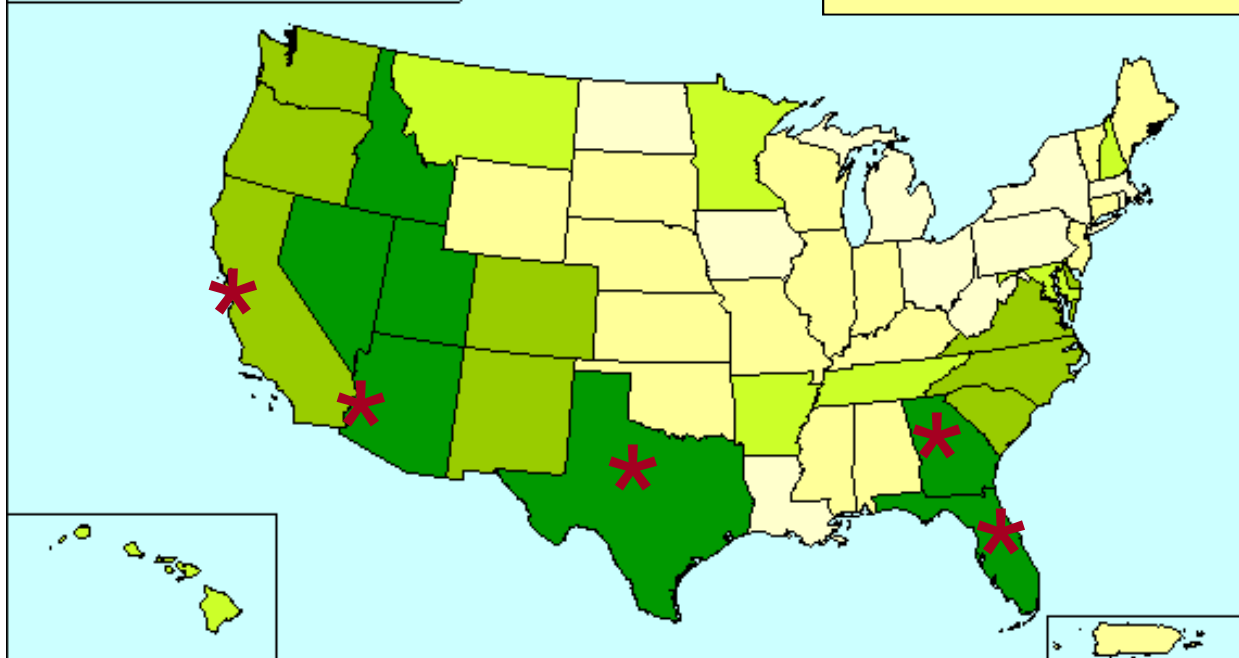
- Population and Economic Change
- Demographics of Growth in Mid-Missouri
 - Trends in Missouri by County
 - Mid-Missouri Components of Growth
 - 2006 Place Population Estimates
- Regional Economic Development Trends
- Discussion..

***Why what you are doing
is so important***

Population Change 2000-2006



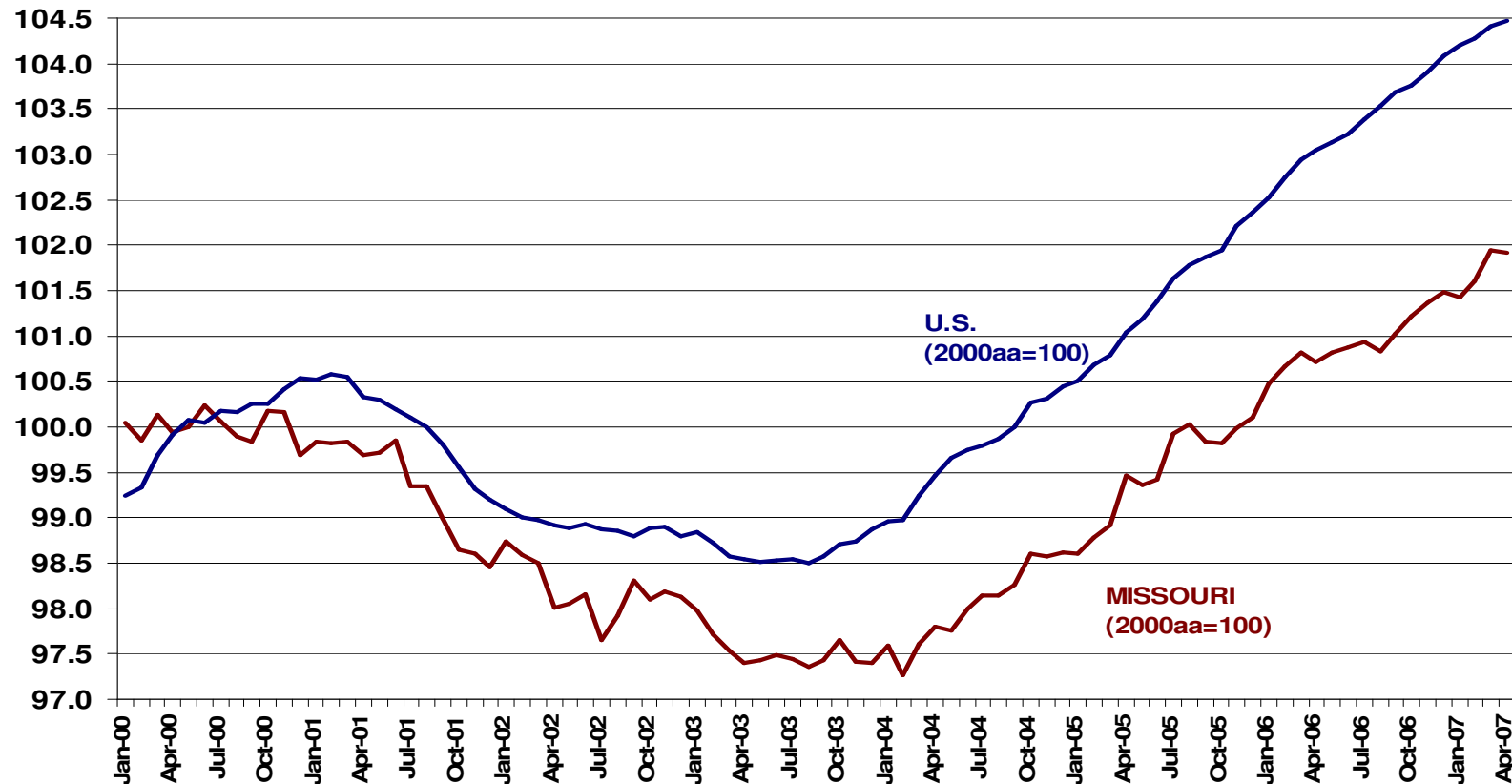
U.S.: 299,398,484 (6.4%)
Missouri: 5,842,713 (4.4%)
Dark Green States > 12 %



***Five states
account
for 50% of
the nation's
population
growth***

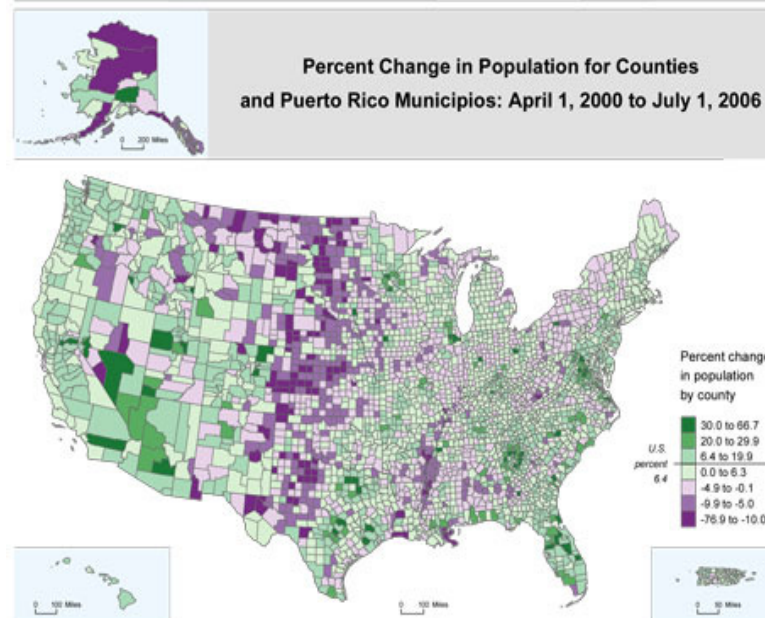
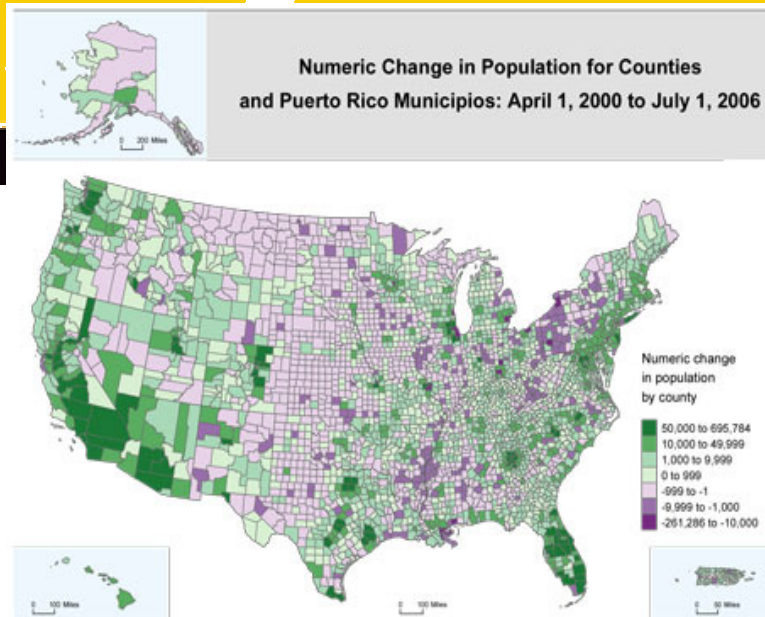
Employment

U.S. AND MISSOURI PAYROLL EMPLOYMENT
Index: 2000 annual average = 100



Employment in Missouri increased by 33,100 from April 2006 to April 2007, seasonally adjusted.

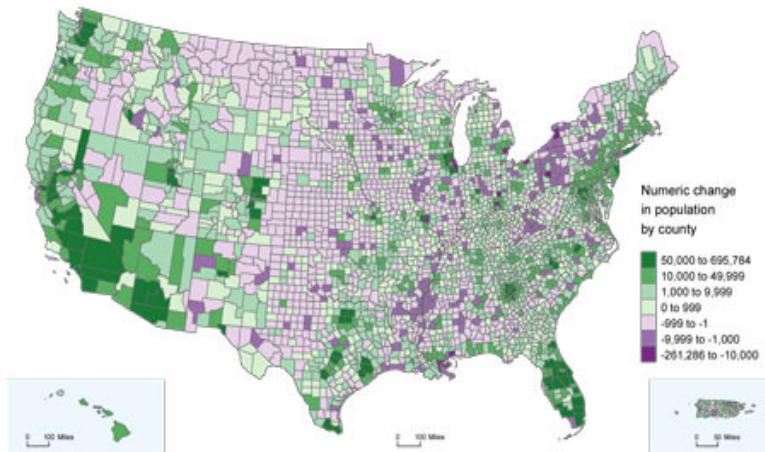
Source: MERIC and U.S. Bureau of Labor Statistics



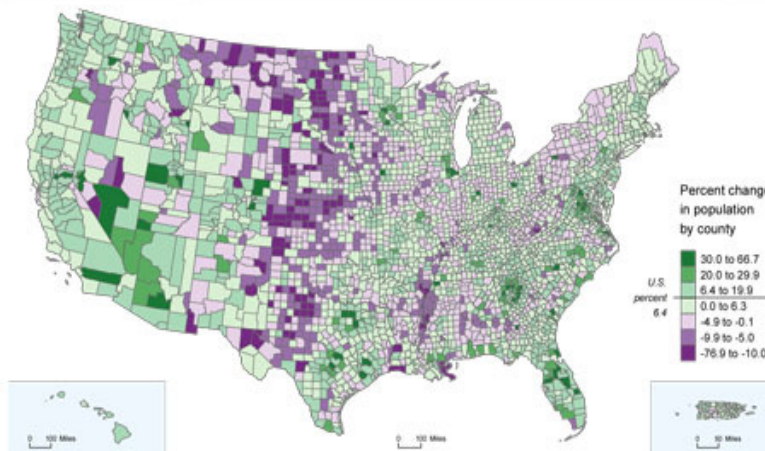
Source: U.S. Census Bureau, Population Estimates Program, 2006



**Numeric Change in Population for Counties
and Puerto Rico Municipios: April 1, 2000 to July 1, 2006**

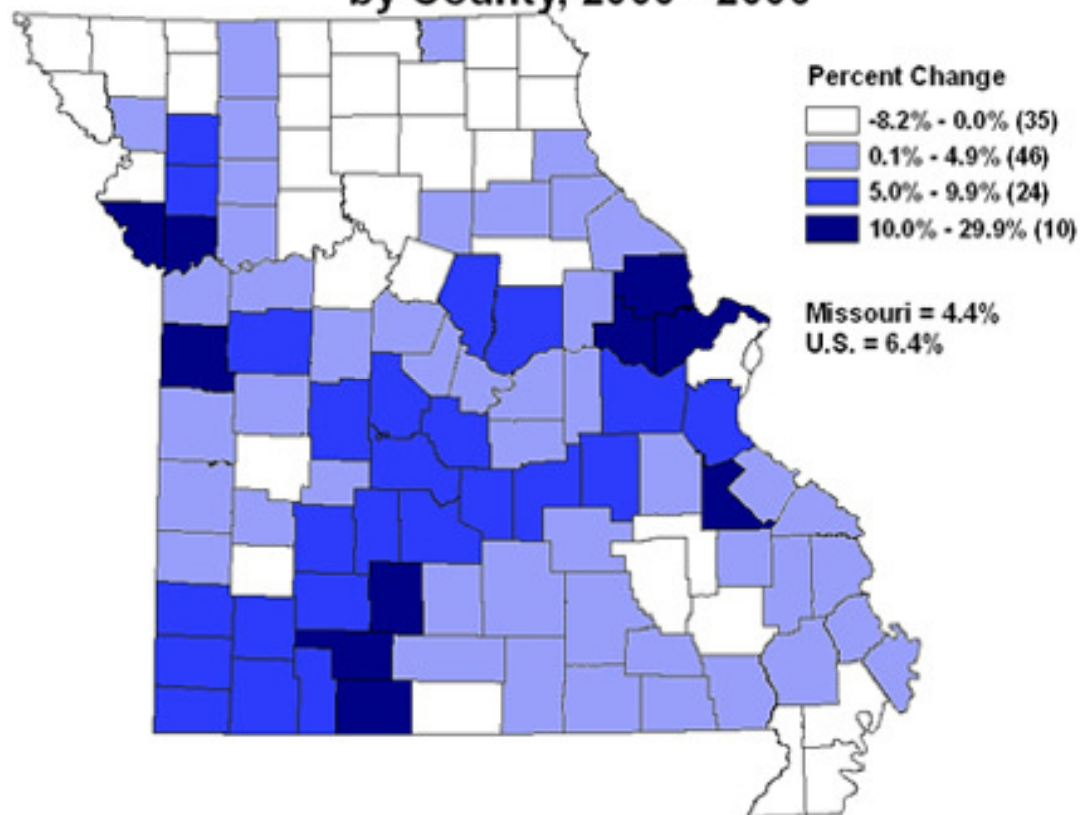


**Percent Change in Population for Counties
and Puerto Rico Municipios: April 1, 2000 to July 1, 2006**



Source: U.S. Census Bureau, Population Estimates Program, 2006

Percent Change in Missouri Population by County, 2000 - 2006



Source: USDC, Bureau of the Census, Federal State Cooperative for Population Estimates
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis - (OSEDa)
in collaboration with the Missouri Census Data Center (MCDC)
Map Generated on 22 March 2007



Opportunities in Economic Change

- “The Perfect Storm”
- “The Kauffman *New Economy* Report”
- How ***Flat*** is our world?



America's Perfect Storm

Three Forces Changing Our Nation's Future

- Divergent skill distributions
- The changing economy
- Demographic shifts



Educational Testing Service

www.ets.org



America's Perfect Storm

Three Forces Changing Our Nation's Future

- *Divergent skill distributions*
 - Flat NAEP scores
 - High school graduation slacking
 - Poor literacy and math skills
 - Race and ethnic gaps



America's Perfect Storm

Three Forces Changing Our Nation's Future

- *The changing economy*
 - Declining manufacturing – more service
 - Two thirds of job growth has been associated with college-level jobs
 - College grads earn 51% more than H.S. grads
 - Earning premiums reward education & skill



America's Perfect Storm

Three Forces Changing Our Nation's Future

- *Demographic shifts*
 - Labor force will grow more slowly
 - Impact of the ***baby boom..***
 - Dependence on ***International migration***
 - Increasing Hispanic population – with lower levels of educational attainment



STATE NEW ECONOMY INDEX

Ewing Marion
KAUFFMAN
Foundation

BENCHMARKING

ECONOMIC

TRANSFORMATION

“The New Economy”

- Dynamic Markets
- Global Competition
- Networked Organizations
- Flexible Production
- Intellectual Property and Knowledge
- Digitization – Broadband...
- Broad and Changing Skill Sets
- Entrepreneurial
- ***Collaborative Relations***



Ewing Marion
KAUFFMAN
Foundation



STATE NEW ECONOMY INDEX

Missouri Declined

- 28th in 2002
- 35th in 2007

*Is Mid-Missouri part
of the New Economy?*

BENCHMARKING

ECONOMIC

TRANSFORMATION

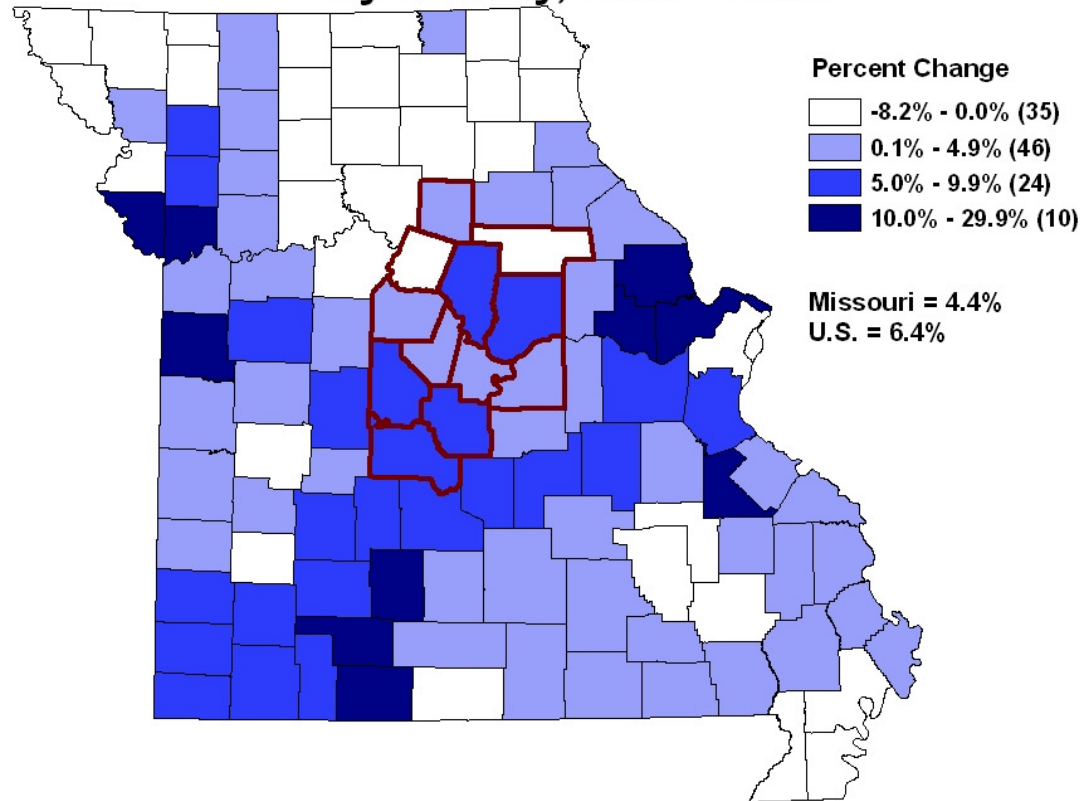


How *f / a t* the world is depends on
where your standing..

- *The World is Flat – “new oil wells”*
-- Thomas Friedman
- *Making Globalization Work*
-- Joseph Stiglitz
- *Networking Diverse Assets, especially
human capital... “collaboration” is hard*

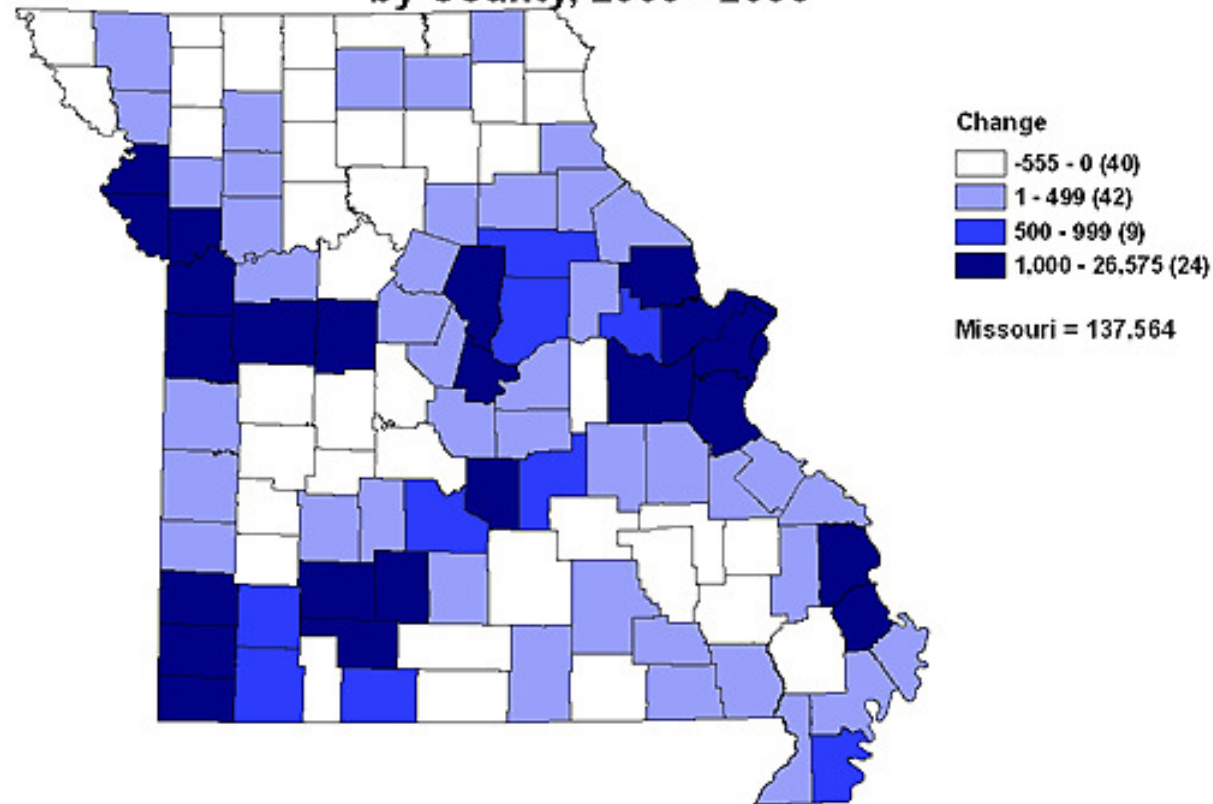
**Camden
Boone
Morgan
Miller
Callaway
Cooper
Osage
Randolph
Cole
Moniteau
Audrain
Howard**

Percent Change in Missouri Population by County, 2000 - 2006



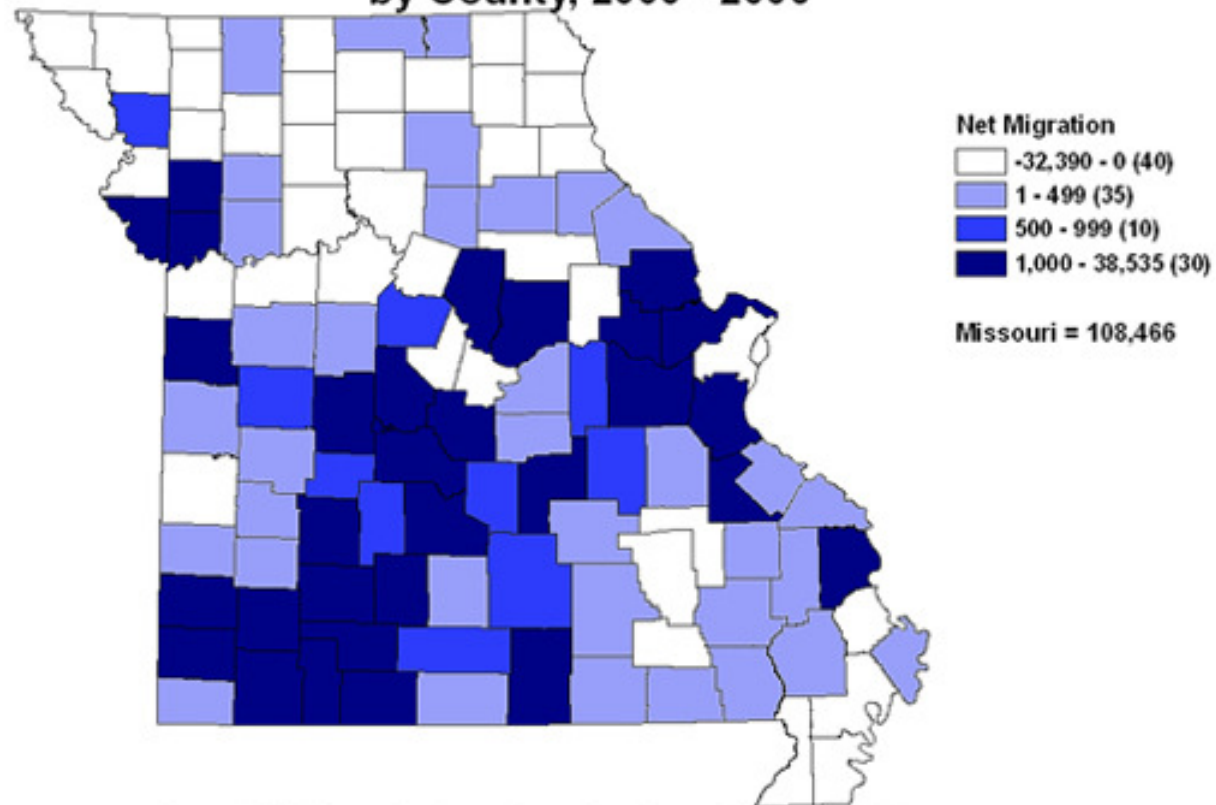
Source: USDC, Bureau of the Census, Federal State Cooperative for Population Estimates
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis - (OSED)A
in collaboration with the Missouri Census Data Center (MCDC)
Map Generated on 22March2007

Natural Change in Missouri Population by County, 2000 - 2006



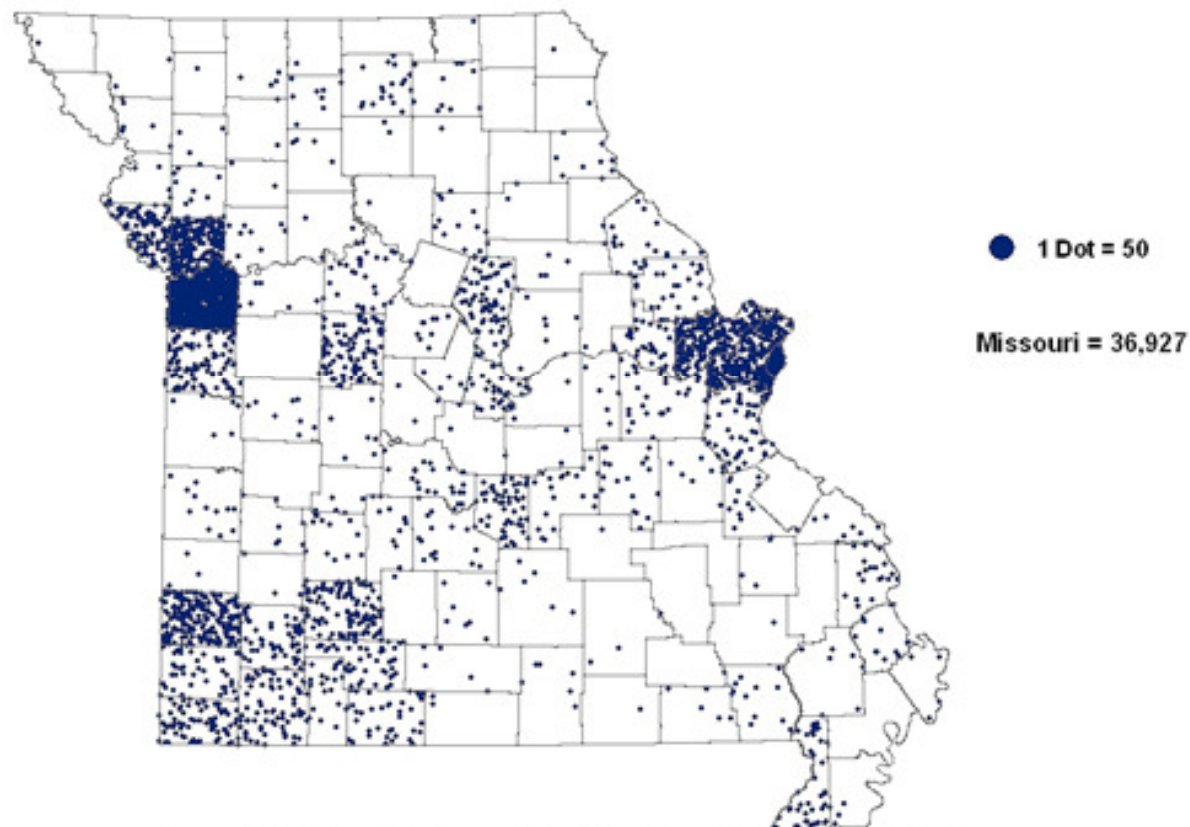
Source: USDC, Bureau of the Census, Federal State Cooperative for Population Estimates
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis - (OSEDA)
Map Generated on 30March2007

Net Migration of Missouri Population by County, 2000 - 2006




Source: USDC, Bureau of the Census, Federal State Cooperative for Population Estimates
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis - (OSEDA)
Map Generated on 30March2007

Change in Hispanic Population, 2000-2005



Source: USDC, Bureau of the Census, Federal State Cooperative for Population Estimates
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis - (OSED)

Map Generated on 16 April 2007

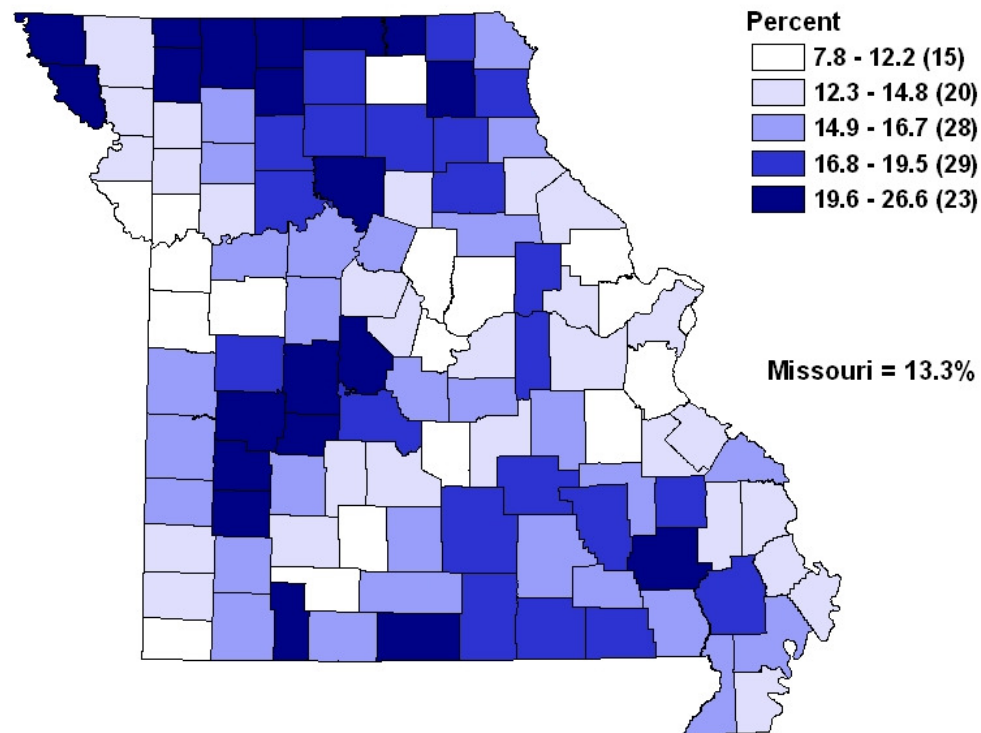


Enrollment Change

From 1.4% to 2.8% in 5 years

	1999	2005	Change	Pct Change
Total	896,910	894,855	-2,055	-0.2%
Hispanic	12,633	25,166	12,533	99.2%

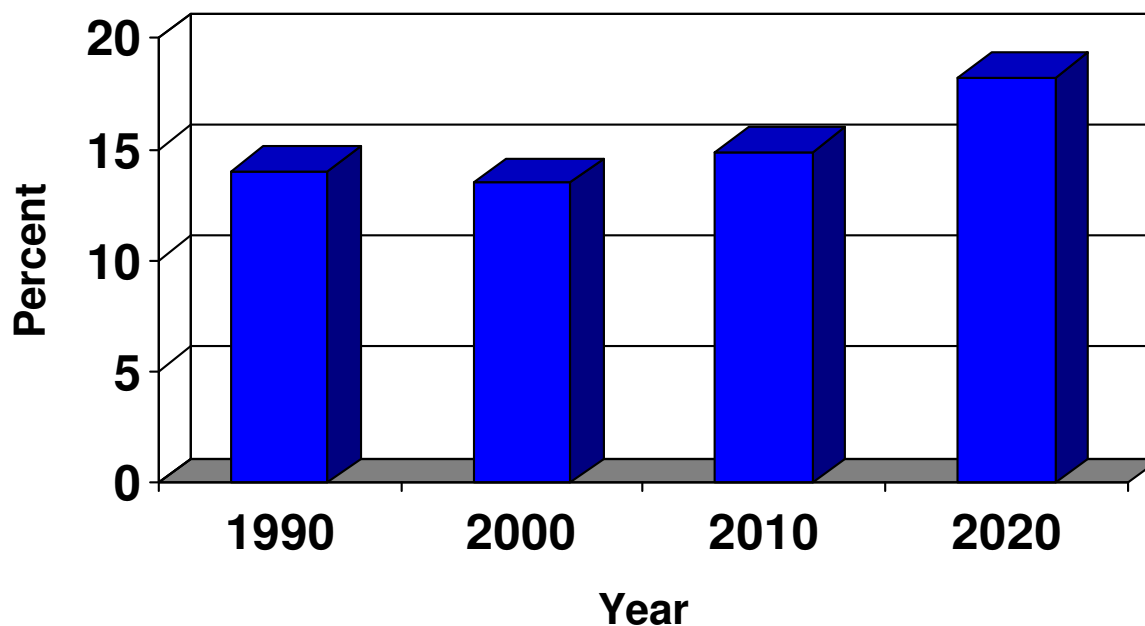
Percent of Missouri's Population, 2005: Age 65 and Older



Source: USDC, Bureau of the Census, 2000 Decennial Census
Produced by: University of Missouri Extension, Office of Social and Economic Data Analysis
Map generated on 28June2007

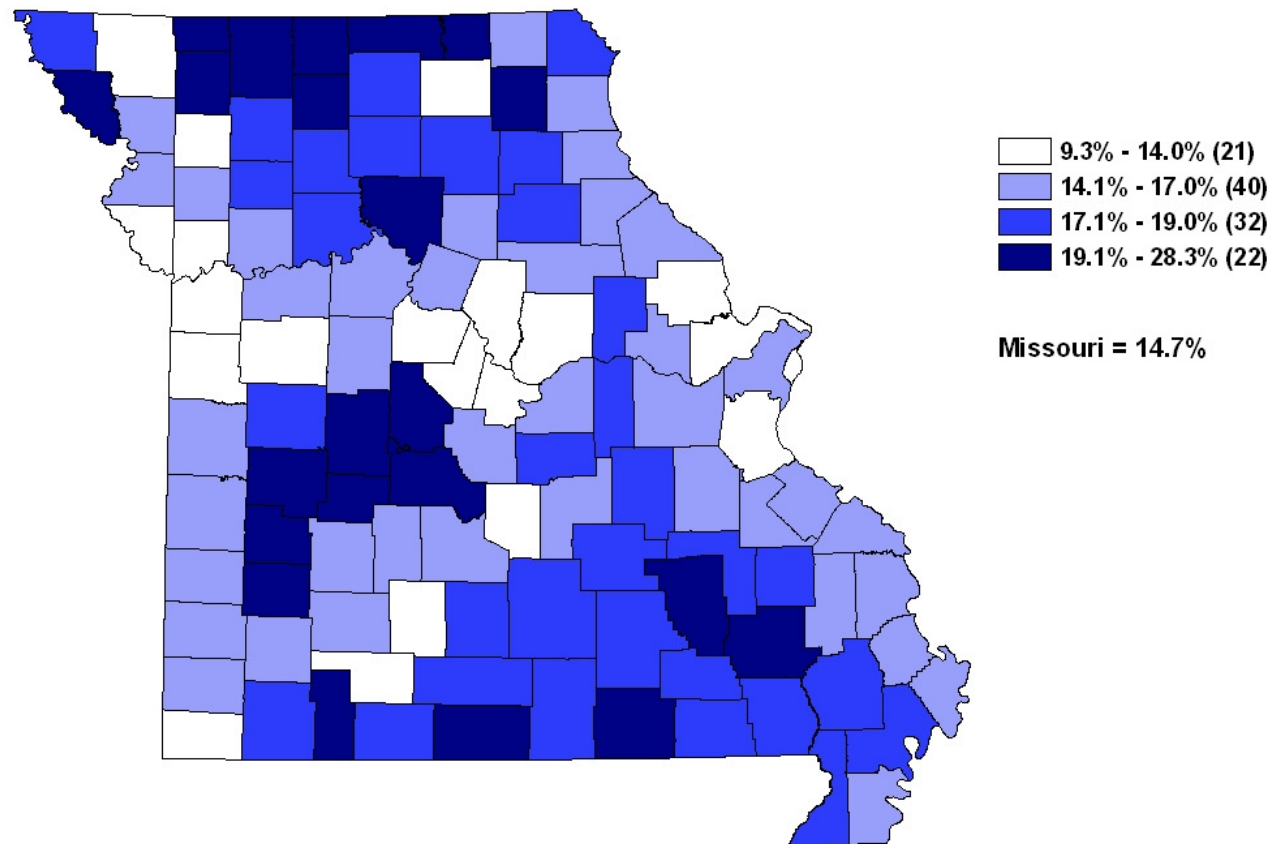


Percent Missouri Population Age 65+: 1990-2020



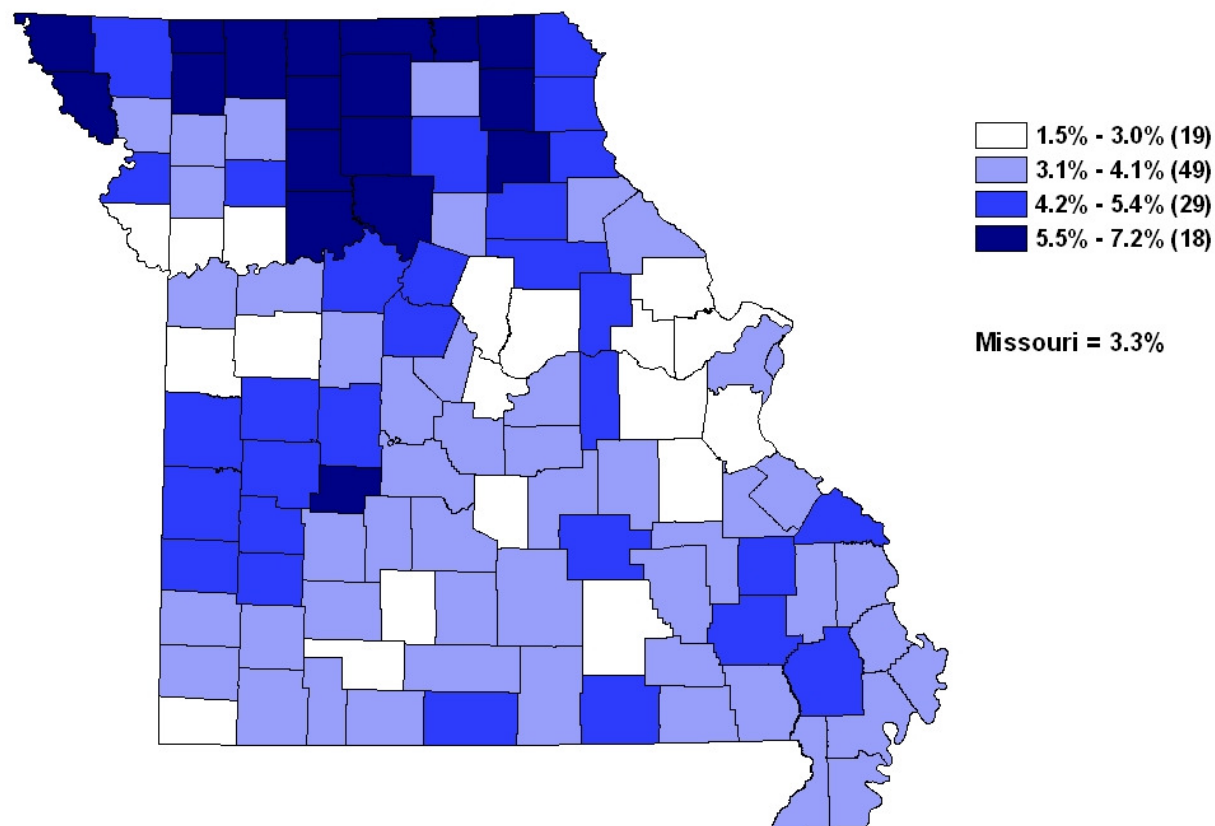
SOURCE: Census Bureau/NCHS. Projection algorithm, programming by OSEDA
Chart Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis
24March2006

Population Age 60 to 80 Years, 2005 As A Percent of Total



Source: National Center for Health Statistics and U.S. Bureau of the Census
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis - (OSEDA)
Map Generated on 24April2007

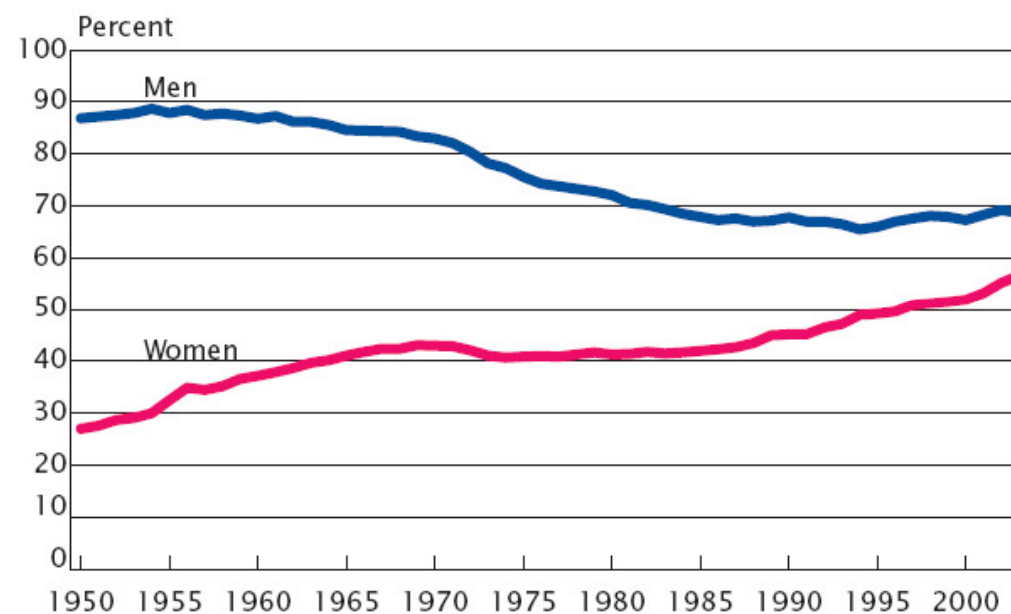
Population Age 81 Years and Older, 2005 As A Percent of Total



Source: National Center for Health Statistics and U.S. Bureau of the Census
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis - (OSEDA)
Map Generated on 24April2007

Figure 4-5.

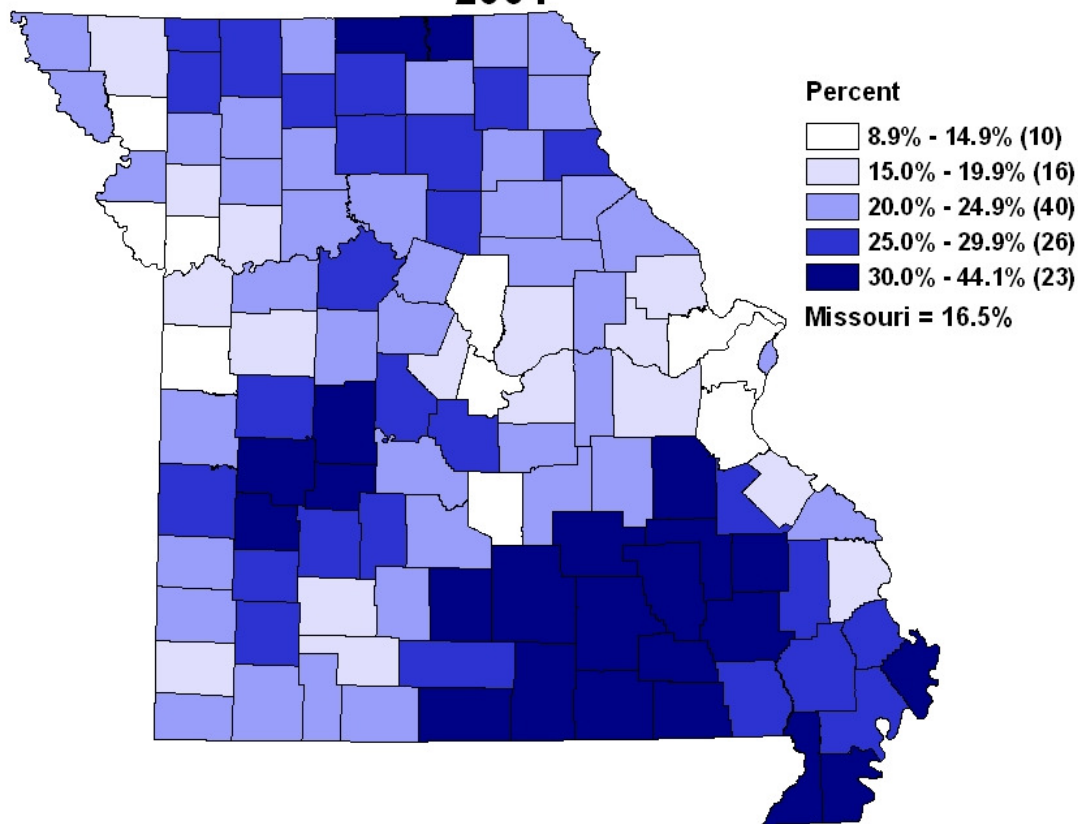
Labor Force Participation Rates for the Population Aged 55 to 64 by Sex: 1950 to 2003



Note: The reference population for these data is the civilian noninstitutionalized population.

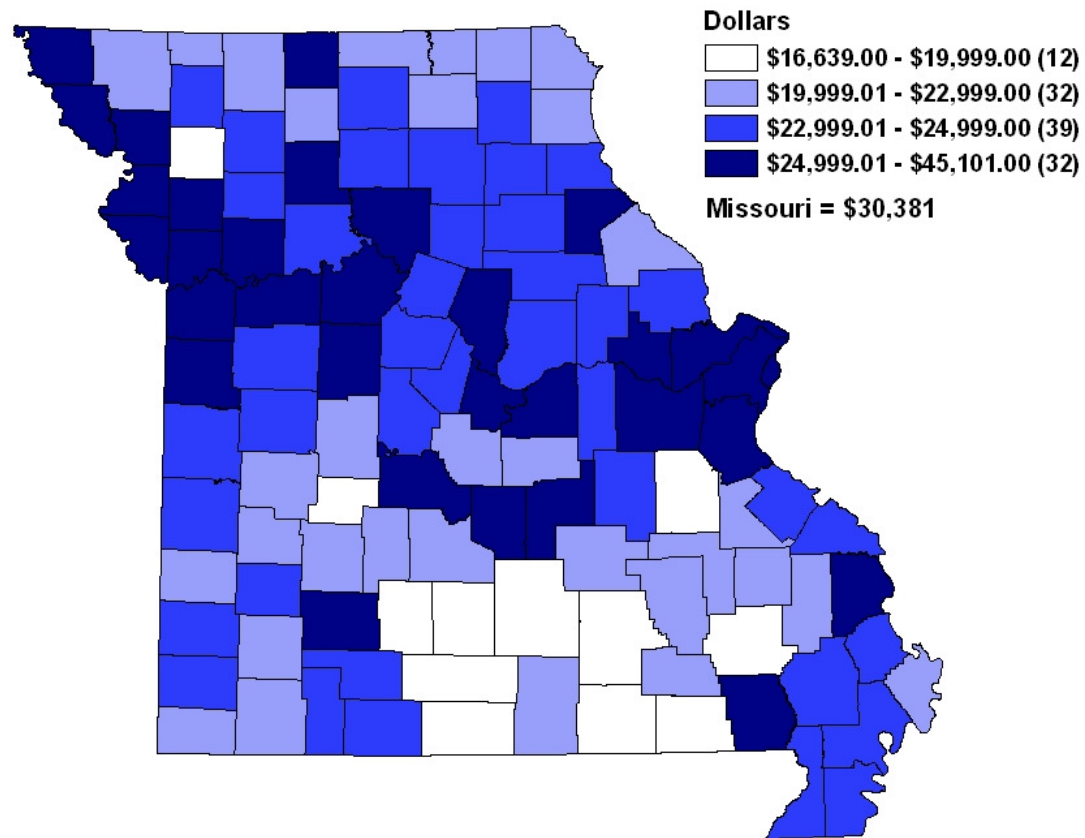
Source: Bureau of Labor Statistics, 2004c. For full citation, see references at end of chapter.

Transfer Payments as Percent of Total Personal Income 2004



Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis (August 2006)
SOURCE: USDC, Bureau of Economic Analysis, Regional Economic Information System

Per Capita Personal Income, 2004

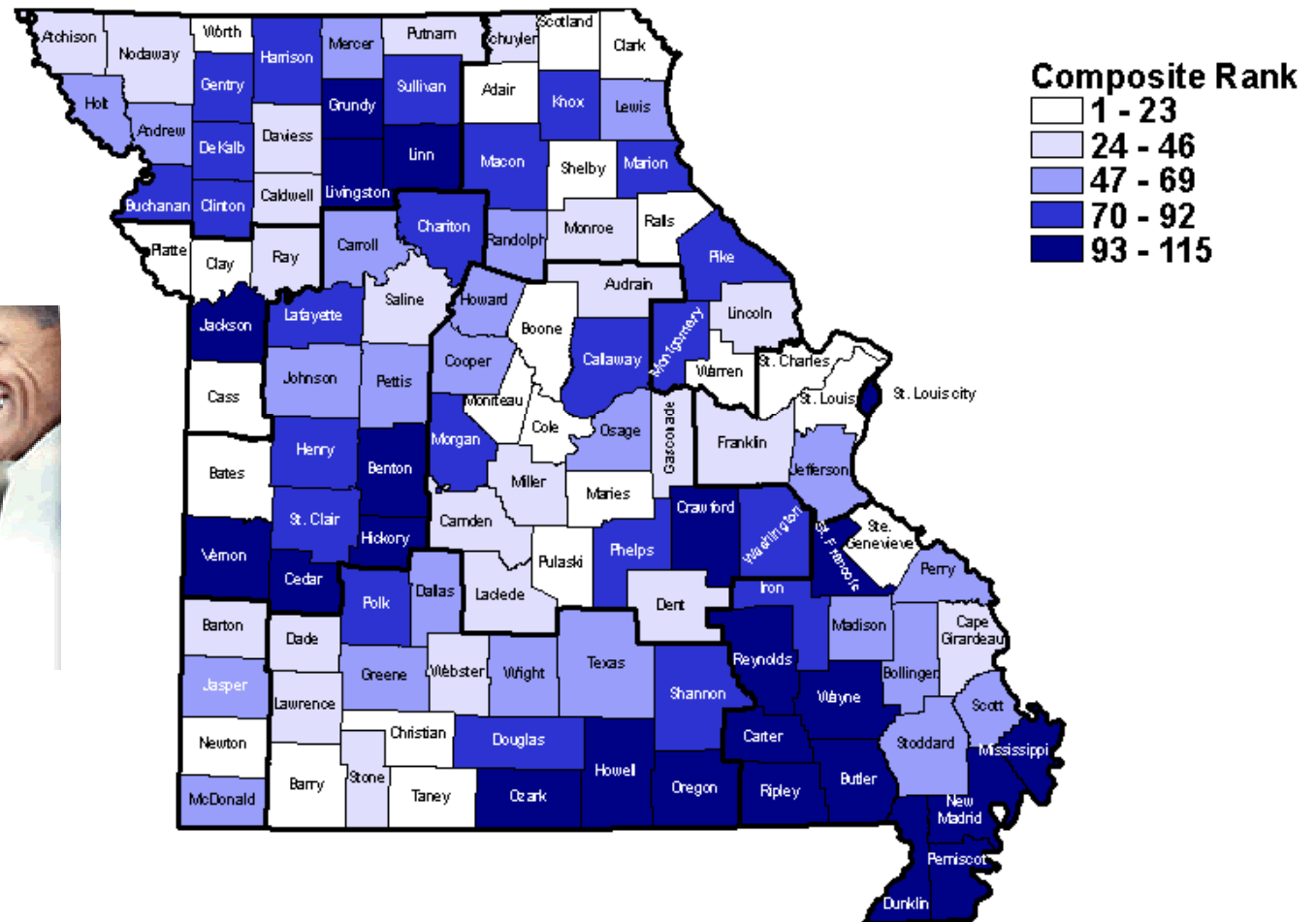


Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis (August 2006)
SOURCE: USDC, Bureau of Economic Analysis, Regional Economic Information System

Missouri Senior Report 2006

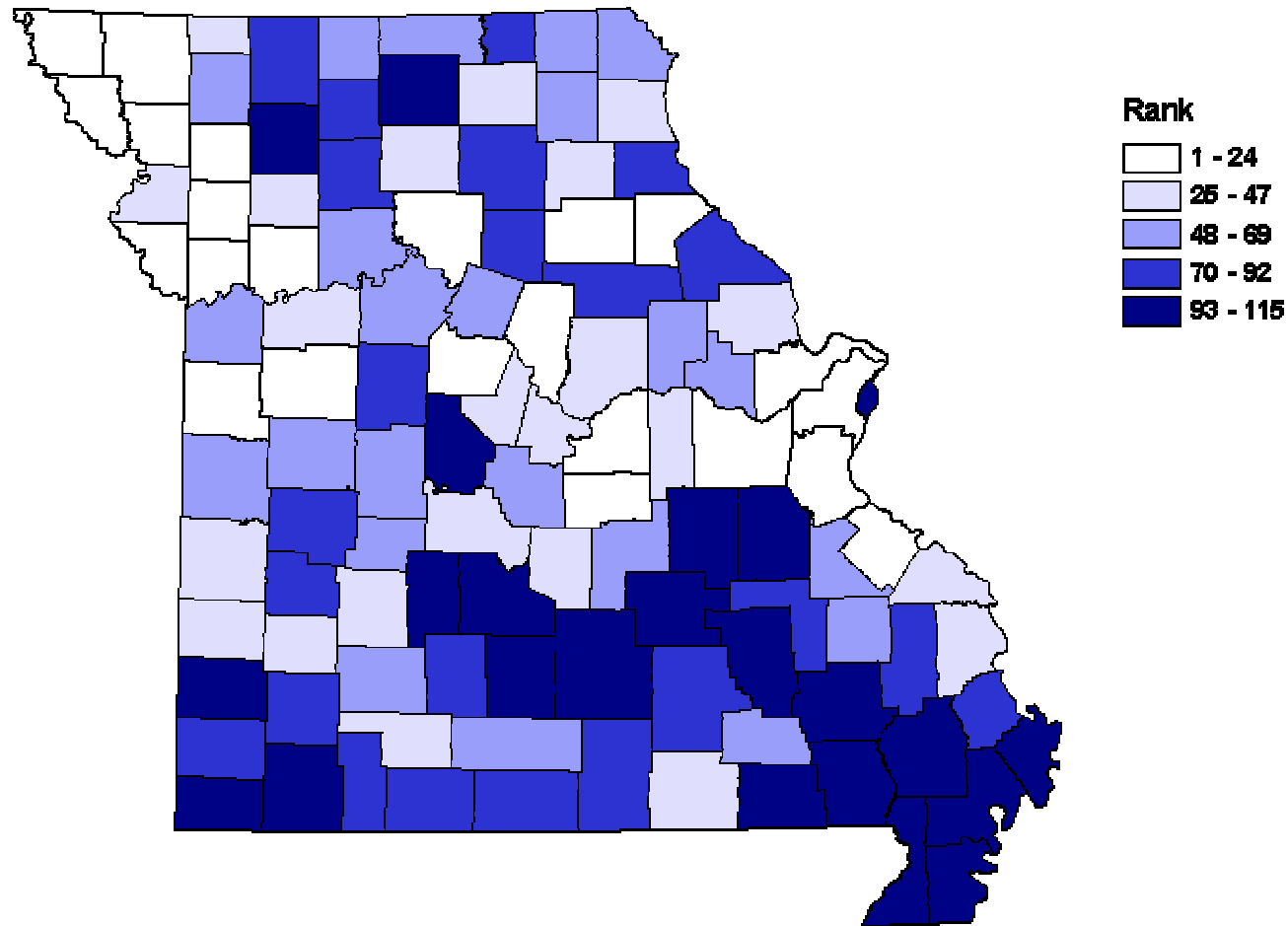


Consider Columbia!
Whether it's settling down or
moving up, Columbia is for you.

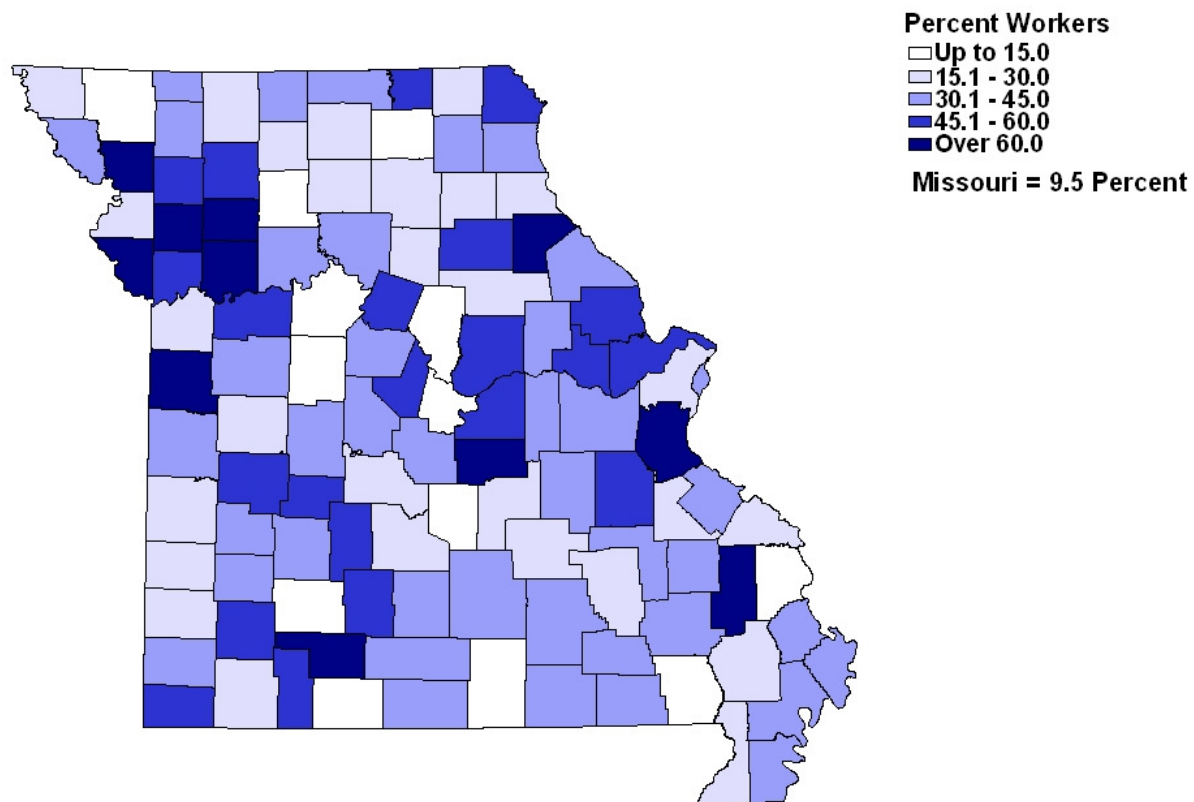


Prepared by: Office of Social and Economic Data Analysis (OSED); 7/06

Composite County Kids Count Rank, 2006



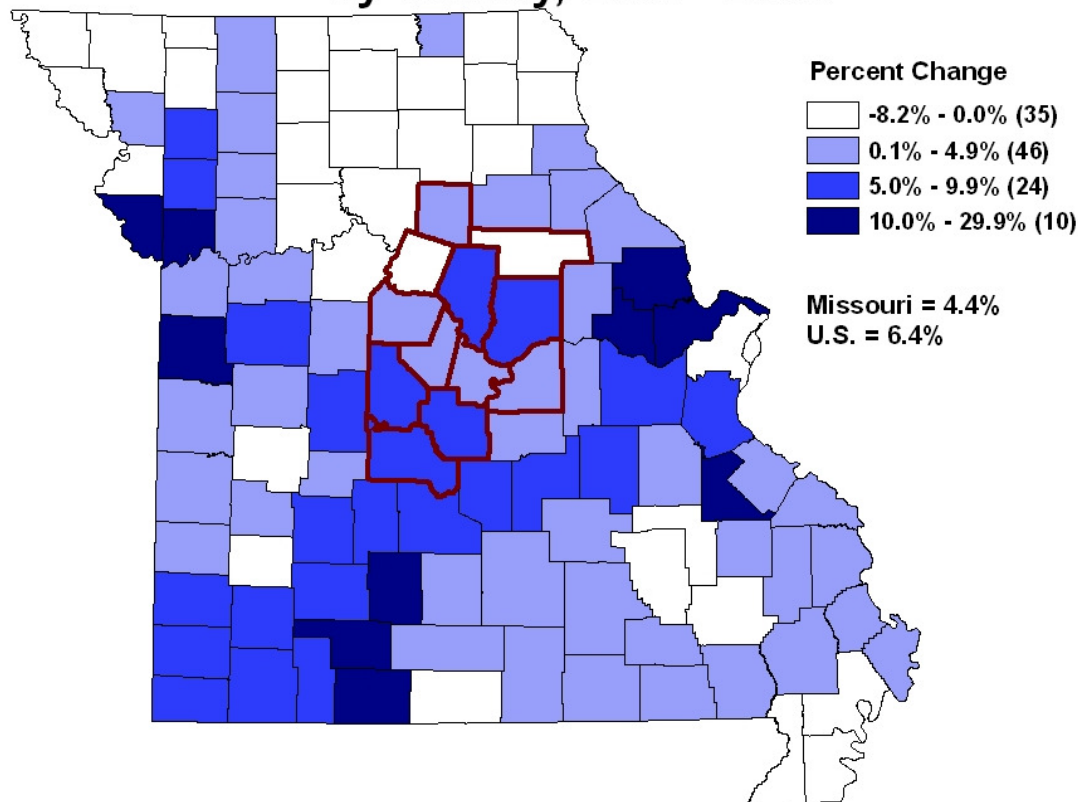
Percent of Workers Working Outside County of Residence 2000



Source: USDC, Bureau of the Census, Census of Population and Housing [2000 SF3; 1990 STF3]
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSEDA)
Map Generated on 8.26.2002

***Camden
Boone
Morgan
Miller
Callaway
Cooper
Osage
Randolph
Cole
Moniteau
Audrain
Howard***

Percent Change in Missouri Population by County, 2000 - 2006



Source: USDC, Bureau of the Census, Federal State Cooperative for Population Estimates
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis - (OSEDA)
in collaboration with the Missouri Census Data Center (MCDC)
Map Generated on 22March2007



Population Change 2000-2006 In Mid-Missouri

<i>Area</i>	<i>Population 2006</i>	<i>Population Change</i>	<i>Percent Change</i>
<i>Missouri</i>	<i>5,842,713</i>	<i>246,030</i>	<i>4.4%</i>
<i>12-County Area</i>	<i>455,561</i>	<i>22,733</i>	<i>5.3%</i>



Regional Population Change 2000-2006 Counties Higher than the State Rate

<i>County</i>	<i>Population 2006</i>	<i>Population Change</i>	<i>Percent Change</i>
Camden	40,283	3,232	8.7%
Boone	146,048	10,594	7.8%
Morgan	20,716	1,407	7.3%
Miller	24,989	1,425	6.0%
Callaway	43,072	2,306	5.7%
Cooper	17,441	771	4.6%



Regional Population Change 2000-2006

Counties Lower than the State Rate

<i>County</i>	<i>Population 2006</i>	<i>Population Change</i>	<i>Percent Change</i>
Osage	13,498	436	3.3%
Randolph	25,438	775	3.1%
Cole	73,296	1,899	2.7%
Moniteau	15,092	265	1.8%
Audrain	25,739	-114	-0.4%
Howard	9,949	-263	-2.6%



Components of Change

	Percent Change	Pct Chg Nat Inc	Pct Chg Net Mig	Fertility Rate	Pct Over Age 65+
Camden	8.7%	-0.3%	9.1%	60.1	20.7%
Boone	7.8%	4.7%	3.1%	48.8	9.1%
Morgan	7.3%	-0.7%	7.9%	70.0	20.9%
Miller	6.0%	1.4%	4.6%	64.5	15.5%
Callaway	5.7%	2.4%	3.2%	56.2	11.4%
Cooper	4.6%	0.3%	4.3%	62.8	14.7%



Components of Change

	Percent Change	Pct Chg Nat Inc	Pct Chg Net Mig	Fertility Rate	Pct Over Age 65+
Osage	3.3%	2.7%	0.7%	69.5	14.8%
Randolph	3.1%	1.8%	1.4%	73.8	14.1%
Cole	2.7%	3.2%	-0.6%	64.2	11.7%
Moniteau	1.8%	2.5%	-0.7%	74.6	13.7%
Audrain	-0.4%	2.2%	-2.6%	66.2	15.8%
Howard	-2.6%	0.3%	-2.9%	53.9	17.1%



2006 Population Place Estimates

<i>Place</i>	<i>Estimate</i>	<i>Pct 2000</i>	<i>Pct 2005</i>
<i>Columbia city</i>	<i>94,428</i>	<i>10.8</i>	<i>2.7</i>
<i>Jefferson City</i>	<i>39,328</i>	<i>-2.0</i>	<i>0.6</i>
Moberly city	13,992	1.7	0.5
Fulton city	12,324	1.5	2.0
Mexico city	11,016	-2.7	0.4
Boonville city	8,755	6.5	0.9

Source: U.S. Census



2006 Population Estimates

<i>Place</i>	<i>Estimate</i>	<i>Six Year</i>	<i>One Year</i>
Eldon city	4,984	1.8	1.0
<i>Osage Beach city</i>	<i>4,454</i>	<i>20.4</i>	<i>4.8</i>
California city	4,185	3.4	-0.2
Vandalia city	4,062	5.5	0.1
Centralia city	3,611	-4.3	-1.3
<i>Holts Summit city</i>	<i>3,520</i>	<i>19.7</i>	<i>4.1</i>

Source: U.S. Census



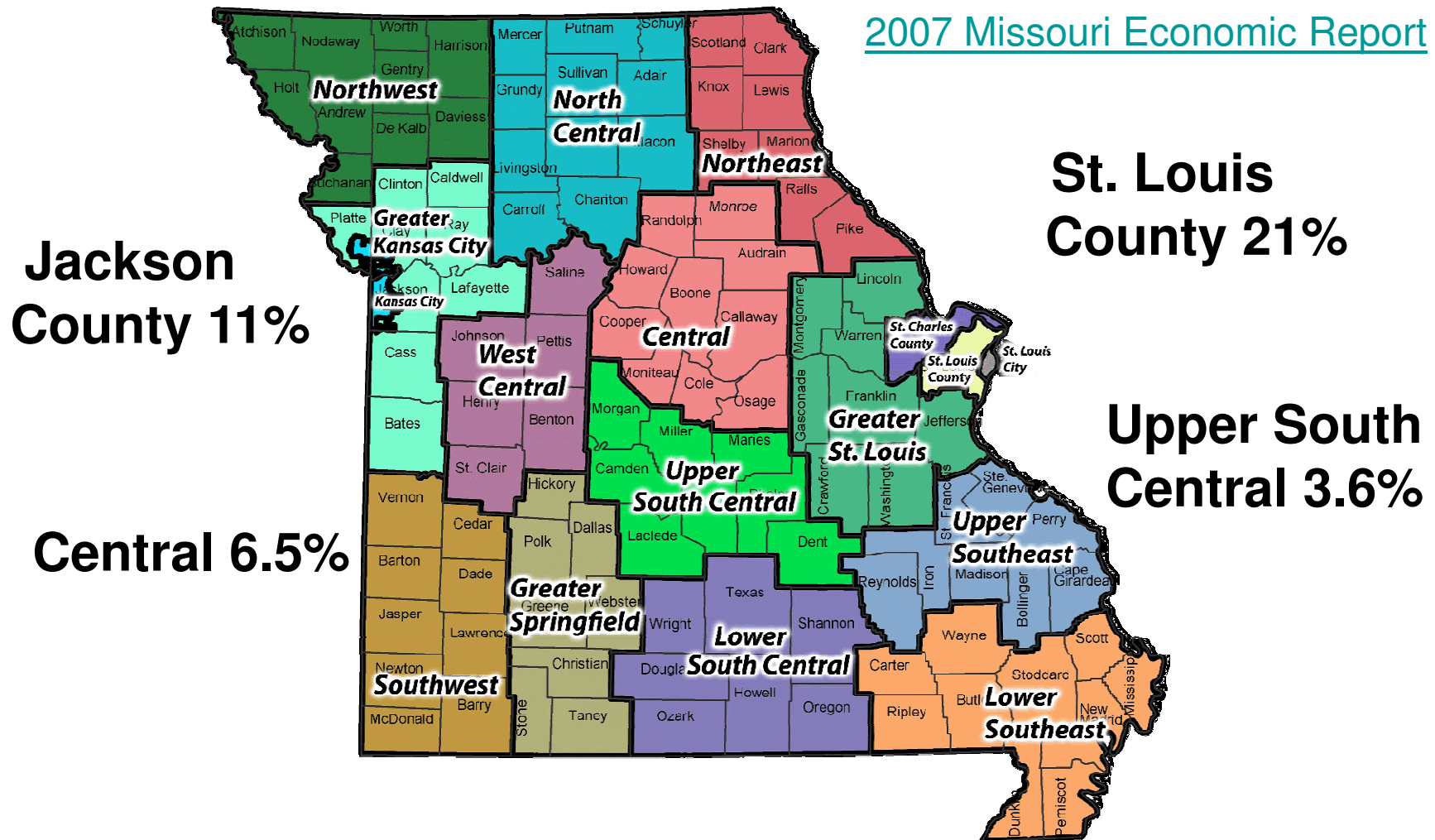
2006 Population Estimates

<i>Place</i>	<i>Estimate</i>	<i>Pct 2000</i>	<i>Pct 2005</i>
<i>Camdenton city</i>	<i>3,182</i>	<i>14.1</i>	<i>4.2</i>
Tipton city	3,143	-3.6	-0.1
Fayette city	2,701	-3.4	0.1
Versailles city	2,694	5.0	1.3
Ashland city	2,165	-3.7	-1.2
<i>Lake Ozark city</i>	<i>1,937</i>	<i>32.0</i>	<i>3.4</i>

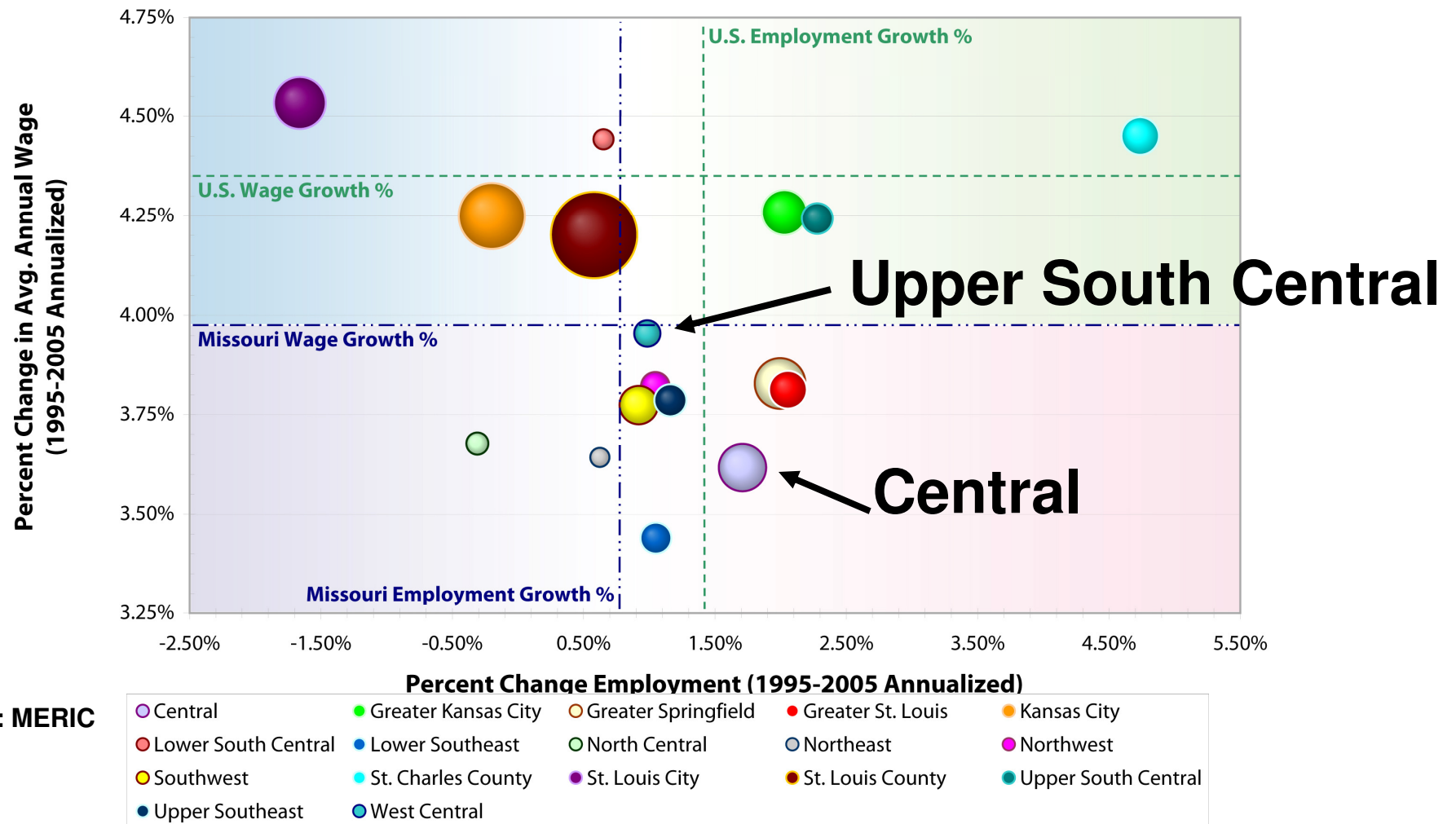
Source: U.S. Census

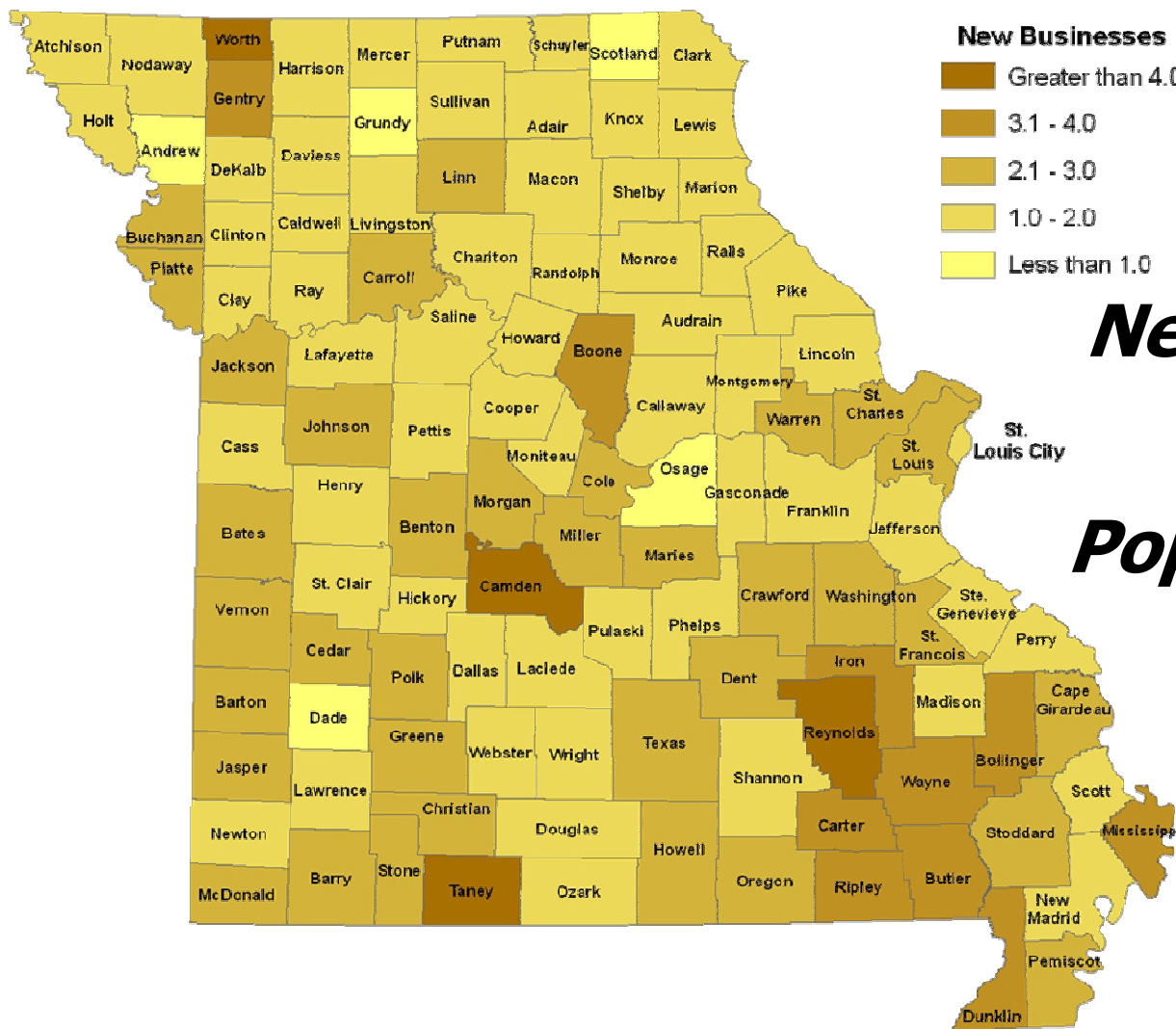
Regional Economic Share

2007 Missouri Economic Report



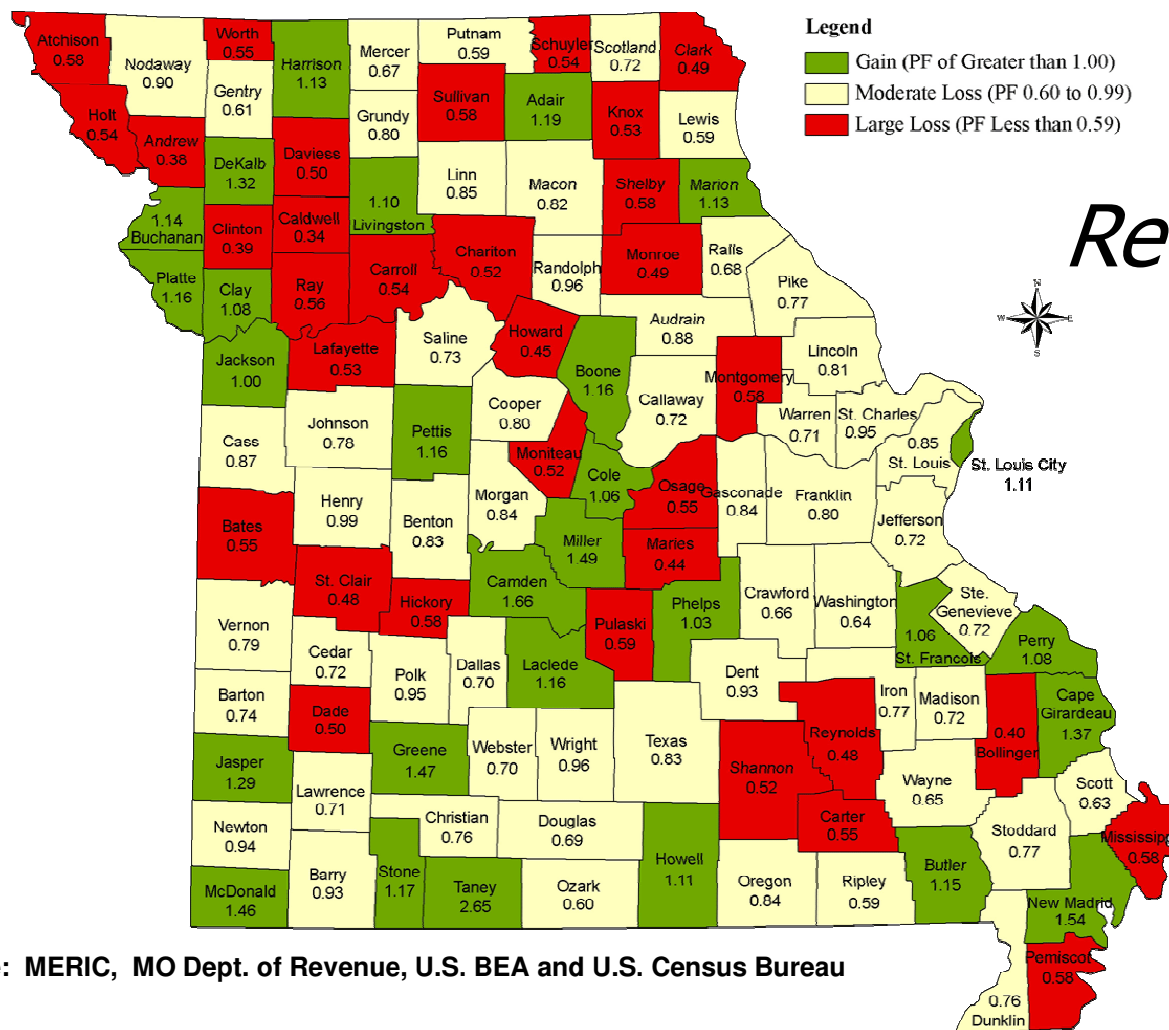
Comparative Performance of Economic Areas in Missouri





New Businesses per 1,000 Population, 2006

Source: MERIC

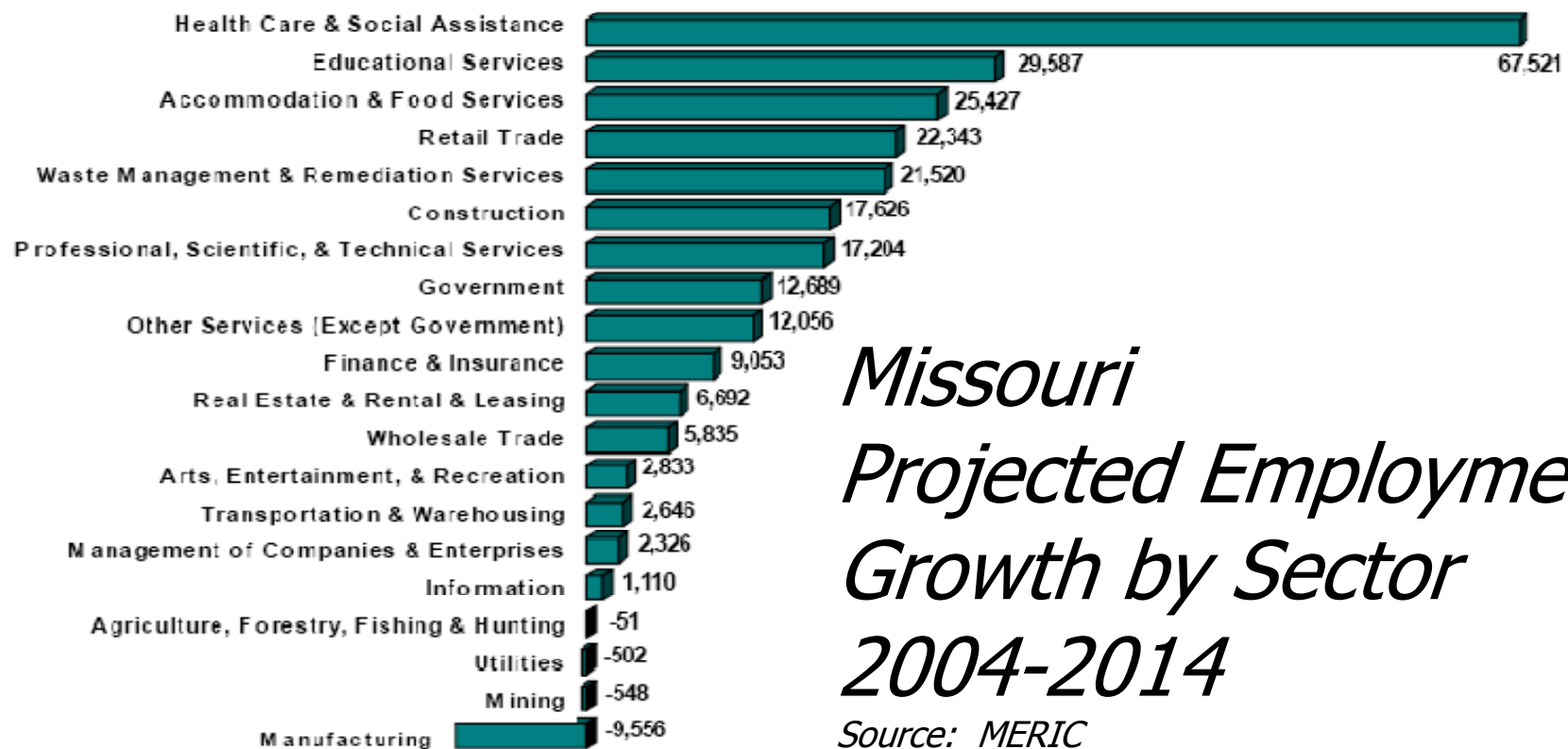


Retail Share 2005



Source: MERIC, MO Dept. of Revenue, U.S. BEA and U.S. Census Bureau

Wage and salary employment growth by industry sector, projected 2004-2014



Missouri Projected Employment Growth by Sector 2004-2014

Source: MERIC

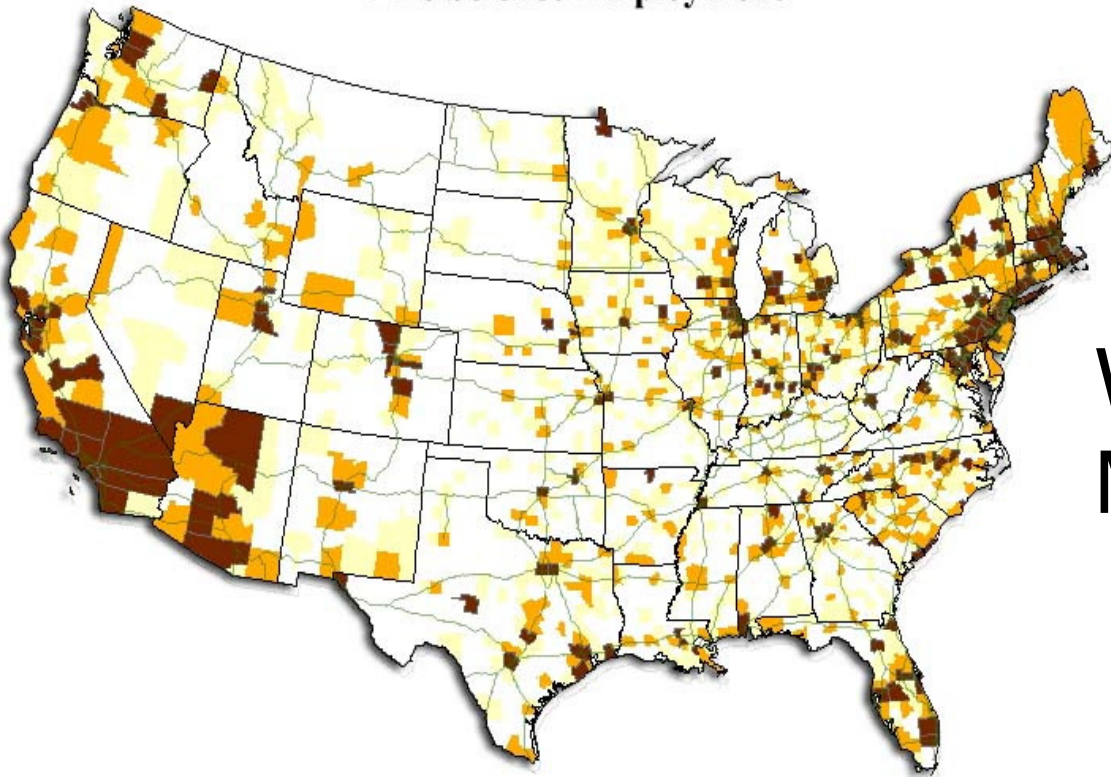
DED Target Industries

- Financial Services
- Life Sciences
- Automotive
- Defense/Homeland Security
- Information Technology
- Agribusiness
- Energy
- Transportation/Logistics



DED Target Industries

Life Science Employment



What's in store for
Mid-Missouri?



Population Change 2000-2006 In Mid-Missouri

<i>Area</i>	<i>Population 2006</i>	<i>Population Change</i>	<i>Percent Change</i>
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<i>12-County Area</i>	<i><u>455,561</u></i>	<i>22,733</i>	<i>5.3%</i>

Mid-Missouri's most valuable resources for development is its human capital

For additional information Google MERIC

The image displays two web browser windows side-by-side. The left window is titled "OSEDA - Office of Social and Economic Analysis - Microsoft Internet Explorer" and shows the OSEDA website. The right window is titled "MERIC Home - Microsoft Internet Explorer" and shows the MERIC website.

OSEDA Website (Left Window):

- Address: <http://www.oseda.missouri.edu/index.shtml>
- Navigation: Home, About OSEDA, Staff, Register as a User, Related Sites.
- Events: National Association of Counties 2007 Annual Conference (July 13-17, 2007, Richmond, Va.), Missouri Governor's Conference on Economic Development (August 27-30, 2007, Springfield, Mo.).
- Content: USDA, Economic Fact Sheets. The Economic Research and Information Center on various indicators of population from 2000 to 2006. The population in this growth area has increased by 6.4 percent since 2000. The population increase in this area is the result of a combination of factors, including the migration of people from other parts of the state and the growth of the population in the area.

MERIC Website (Right Window):

- Address: <http://www.ded.mo.gov/researchandplanning/index.stm>
- Navigation: Home, Economic Indicators, Industry Studies, Occupation Studies, Regional Information, Community Issues.
- Customers: Businesses/Economic Developers, Educators/Students, Job Seekers/Workforce Developers, Researchers, Media.
- What's New?
 - Missouri Targeted Industry Clusters**: An analysis of Missouri's eight targeted industry clusters.
 - 2007 Missouri Economic Report**: An overview of the state's recent economic performance.
 - Missouri Family Wage Calculator**: How much a family needs to pay for the basics in each county in Missouri. A MERIC-OSEDA joint project.
- Regional Profiles: Click Region for Latest Analysis. (Includes a map of Missouri counties).
- Missouri Quick Stats:
 - Missouri Unemployment Rate (Seasonally Adjusted): May 2007 4.6%
 - Missouri Payroll Employment (Seasonally Adjusted)
- Welcome to the Missouri Economic Research and Information Center website! [About Us](#). (Includes photo of Marty Romitti, Ph.D., Director of MERIC).
- Quick Links: Inflation Calculator, Local Unemployment, Occupational Projections, Occupational Wages, Industry Employment and Wages, Missouri Essentials, Workforce Indicators, Employer Locator, Find a Job, Find a Grant, Regional Staff Liaisons, Missouri Business Portal.
- Tell Us What You Think! MERIC Satisfaction Survey.

For additional information Google OSEDA

OSEDA - Office of Social and Economic Analysis - Microsoft Internet Explorer

Address: <http://www.oseda.missouri.edu/index.shtml>

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Transforming Data into Information

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National Association of Counties 2007 Annual Conference
July 13-17, 2007
Richmond, Va.

Missouri Governor's Conference on Economic Development
August 27-30, 2007
Springfield, Mo.

USDA, Economic Research Service Releases State Fact Sheets
The Economic Research Service recently released state fact sheets on various indicators. The data show that while Missouri has grown in population from 2000 to 2006 by 4.4 percent, rural areas did not share fully in this growth. While urban areas of the state grew by 5 percent, the rural population grew by almost half that with a 2.8 percent increase. This varied by geographic region of the state. [\(more...\)](#)

Missouri's Migrant Students: The Invisible Population
Between one and three million year-round and seasonal farmworkers dispersed throughout the United States are employed in the U.S. food production industry. The migrant population data indicate that most agricultural workers, between 66% and 81%, are immigrants. According to Cornell University's "Facts on farmworkers in the United States" (2001), five out of six farmworkers speak Spanish with a majority originating from Mexico. [\(more...\)](#)

Missouri continues overall slow population growth between 2000 and 2006
Recently released population estimates for 2006 from the U.S. Census Bureau show that Missouri's population is continuing a slow rate of growth—up 4.4 percent since 2000. The U.S. grew by 6.4 percent.

OSEDA Features

- MoDOT SEIR
- DESE SEIR
- MCDC
- Community Connection
- KidsCount
- Regional Profiles
 - 2000 Census
 - Beyond 2000
- Project Success
- Close the Gap
- Step by Step
- County Facts
- Missouri Family Wage Calculator
- County Social and Economic Indicators
- Business Indicators
- Entrepreneurship in Missouri
- Missouri Senior Report

Collaborations

OSEDA projects are always collaborations. In this section we highlight a project each month that is in early stages of development in...

Customers

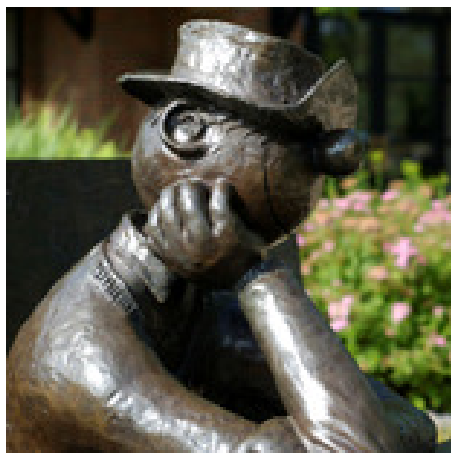
- Businesses/ Economic Developers
- Educators/ Students
- Job Seekers/ Workforce Developers
- Researchers
- Media

What's New?

- [Missouri Targeted Industry Clusters](#)
An analysis of Missouri's eight target industry clusters.
- [2007 Missouri Economic Report](#)
An overview of the state's recent economic performance.
- [Missouri Family Wage Calculator](#)
How much a family needs to pay for basics in each county in Missouri. MERIC-OSEDA joint project.
- [Missouri Quick Stats](#)
Missouri Unemployment Rate (Seasonally Adjusted)
May 2007 4.6%
- [Missouri Payroll Employment](#)
(Seasonally Adjusted)

Regional Profiles
Click Region for Latest Analysis

Regional Demographics Mid-Missouri Economic Summit



Questions?



**Bill Elder, Director
Office of Social & Economic Data Analysis (OSEDa)
University of Missouri—Columbia
[Http://www.oseda.missouri.edu](http://www.oseda.missouri.edu)**