



# ***The State of Saline County***

**Slater, MO  
April 24, 2008**

**Tracy Greever-Rice, Associate Director  
Office of Social & Economic Data Analysis (OSEDA)  
University of Missouri—Columbia**



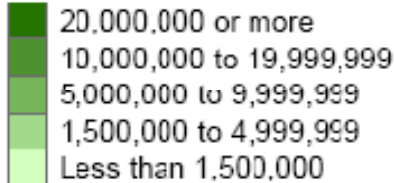
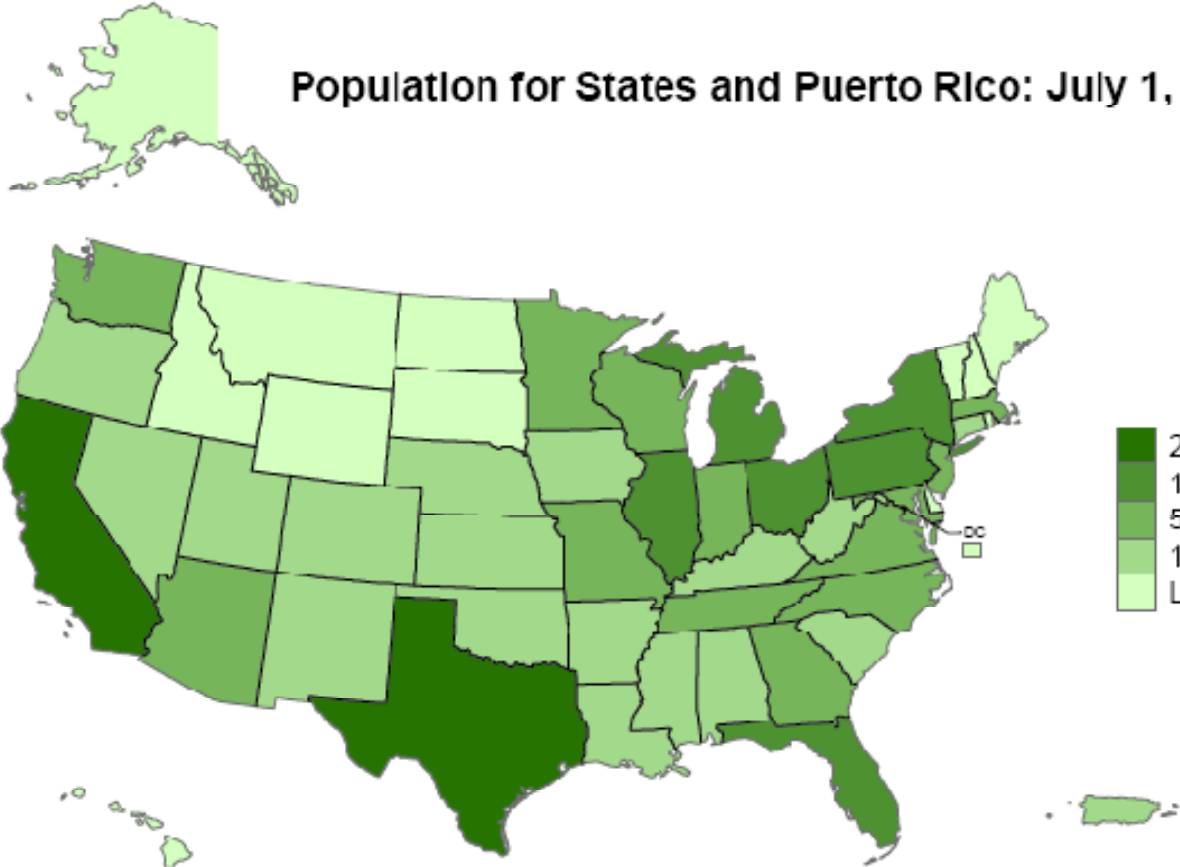
# Overview

- **Available Data Resources**
- **Population Change**
- **Demographics Trends**
- **Economic Trends**
- **Discussion...**

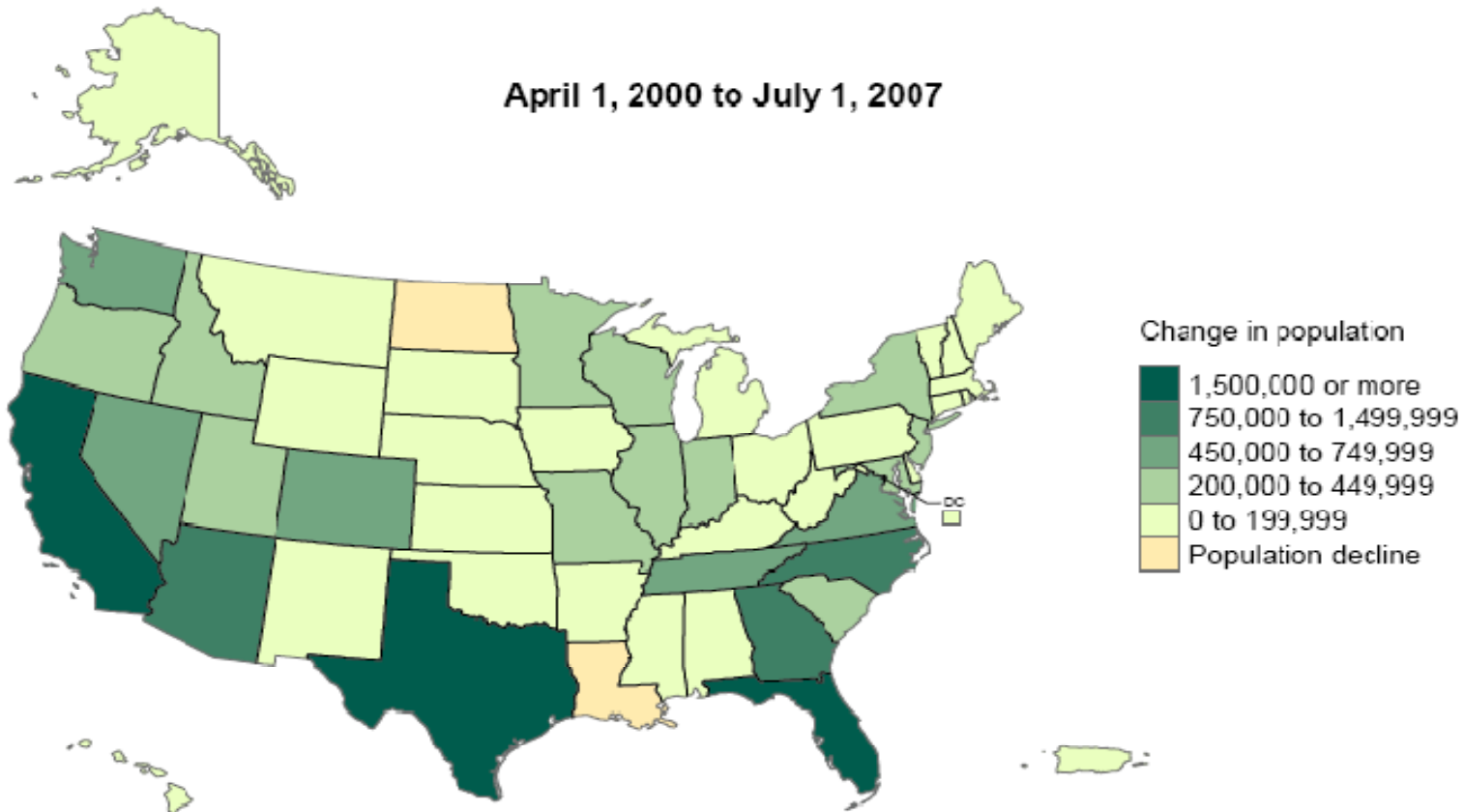


**Total Population**  
**World: 6.7 Billion**  
**U.S.: 302 Million**  
**Mo.: 5,878,415**  
**Saline: 22,701**

Population for States and Puerto Rico: July 1, 2007

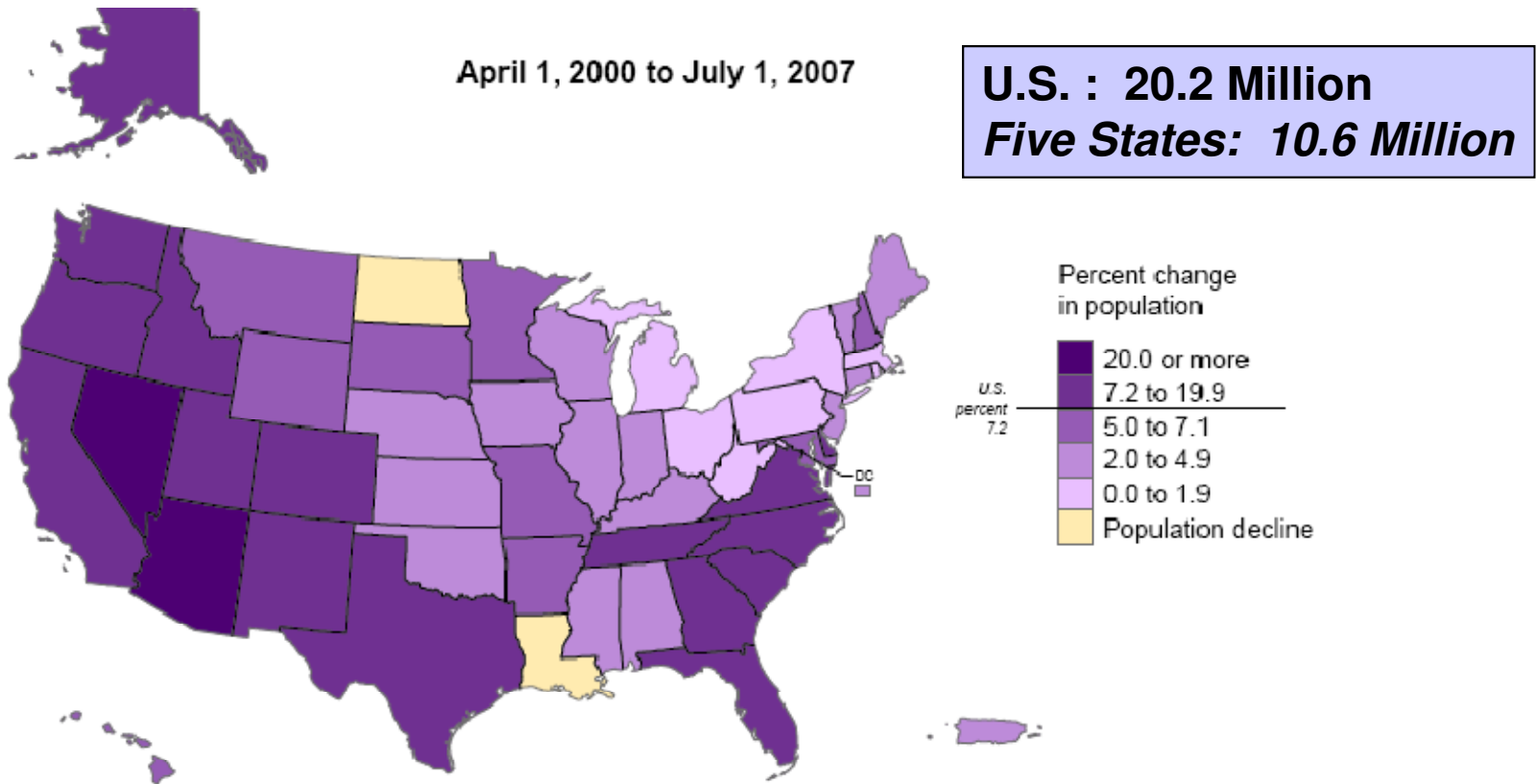


## Numeric Change in Population for States and Puerto Rico



Source: U.S. Census Bureau, Population Division, 2007

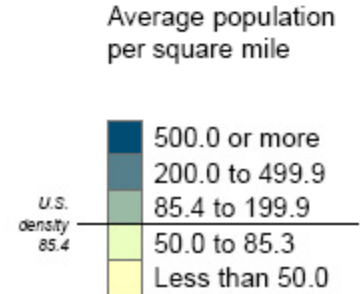
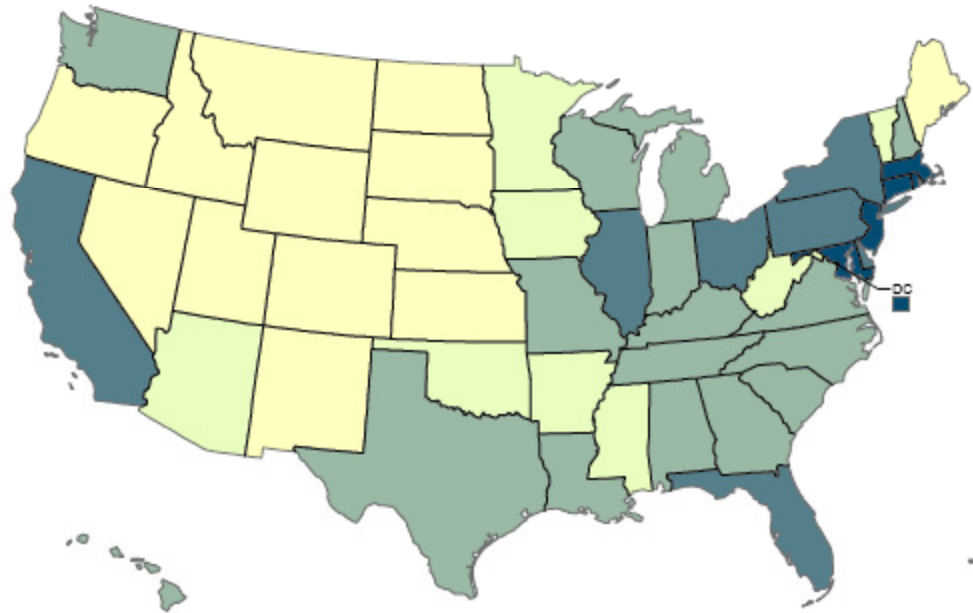
## Percent Change in Population for States and Puerto Rico



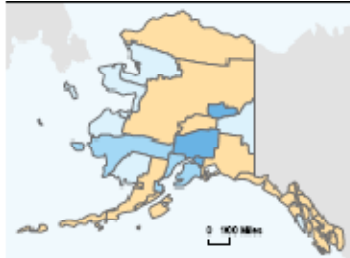
Source: U.S. Census Bureau, Population Division, 2007



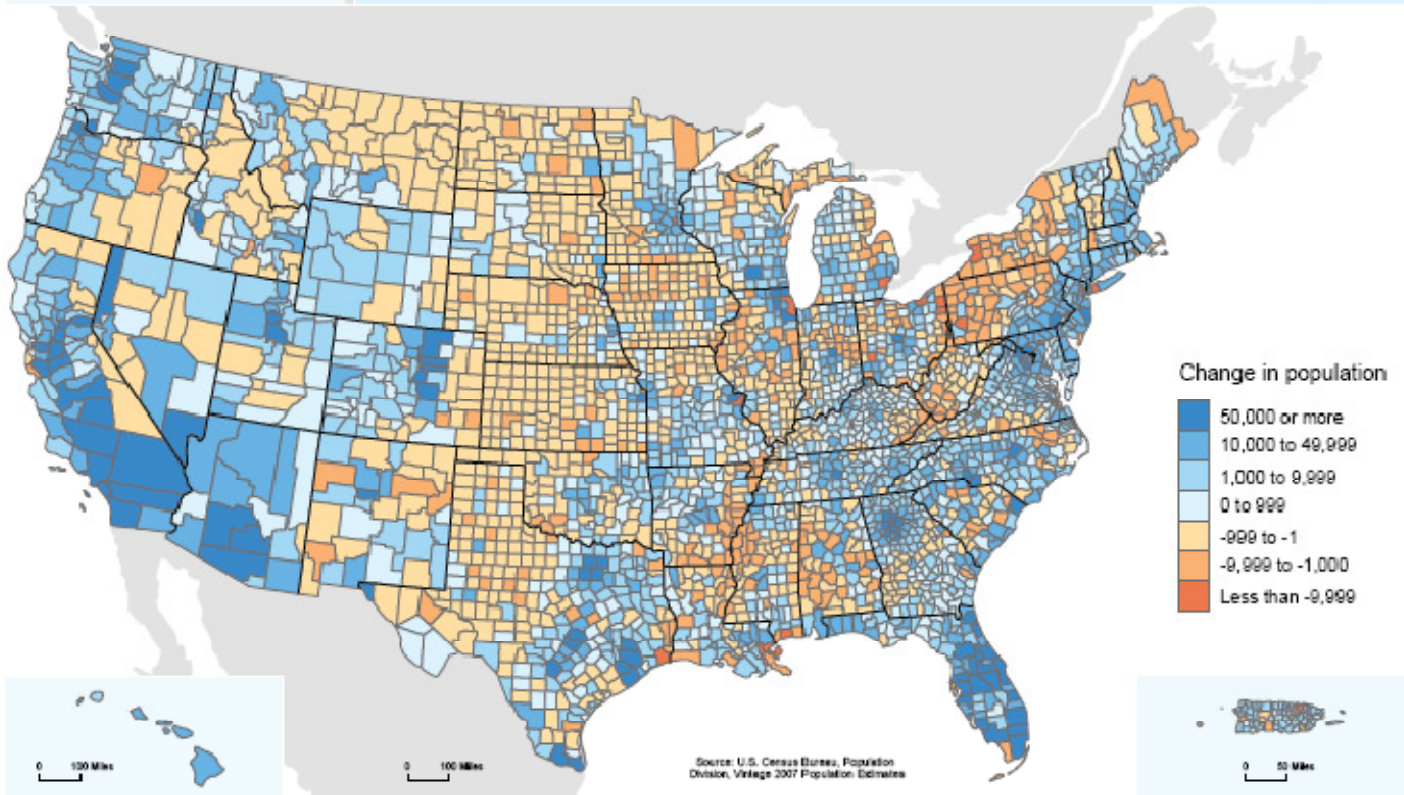
### Population Density for States and Puerto Rico: July 1, 2007



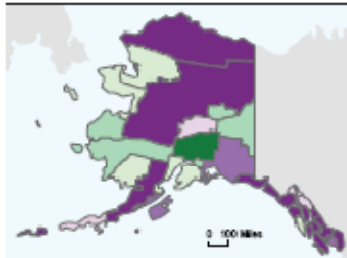
Source: U.S. Census Bureau, Population Division, 2007



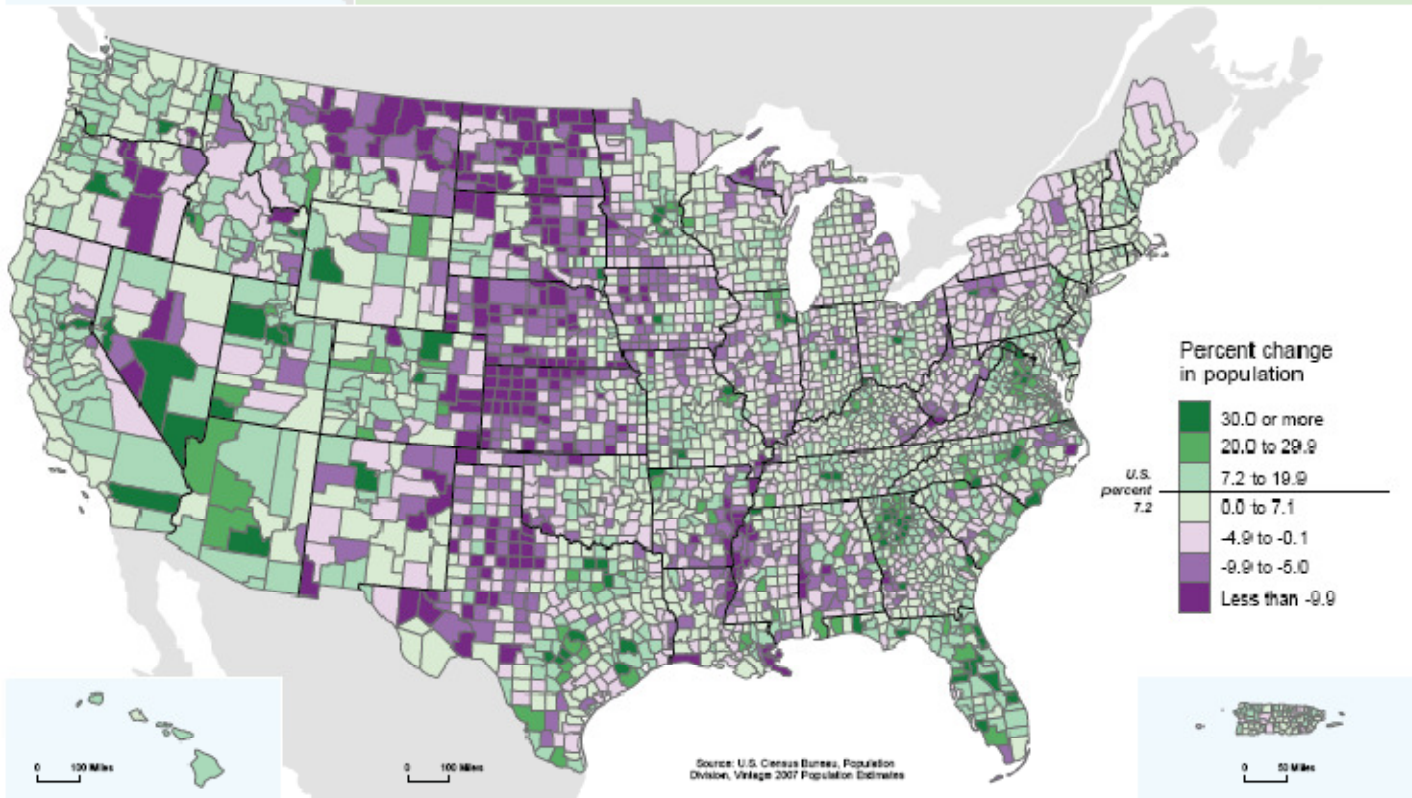
## Numeric Change in Population for Counties and Puerto Rico Municipios: April 1, 2000 to July 1, 2007







## Percent Change in Population for Counties and Puerto Rico Municipios: April 1, 2000 to July 1, 2007







# *Demographic Trends*

## Impact of the ***baby boom***..

- Labor force will grow more slowly
- Dependence on migration
- Greater percent of population dependent

# Population Estimates With Components of Change 2000-2007

## Missouri and Its Counties

Saline MO

22,701

-1,055

-4.4

-1,138

83

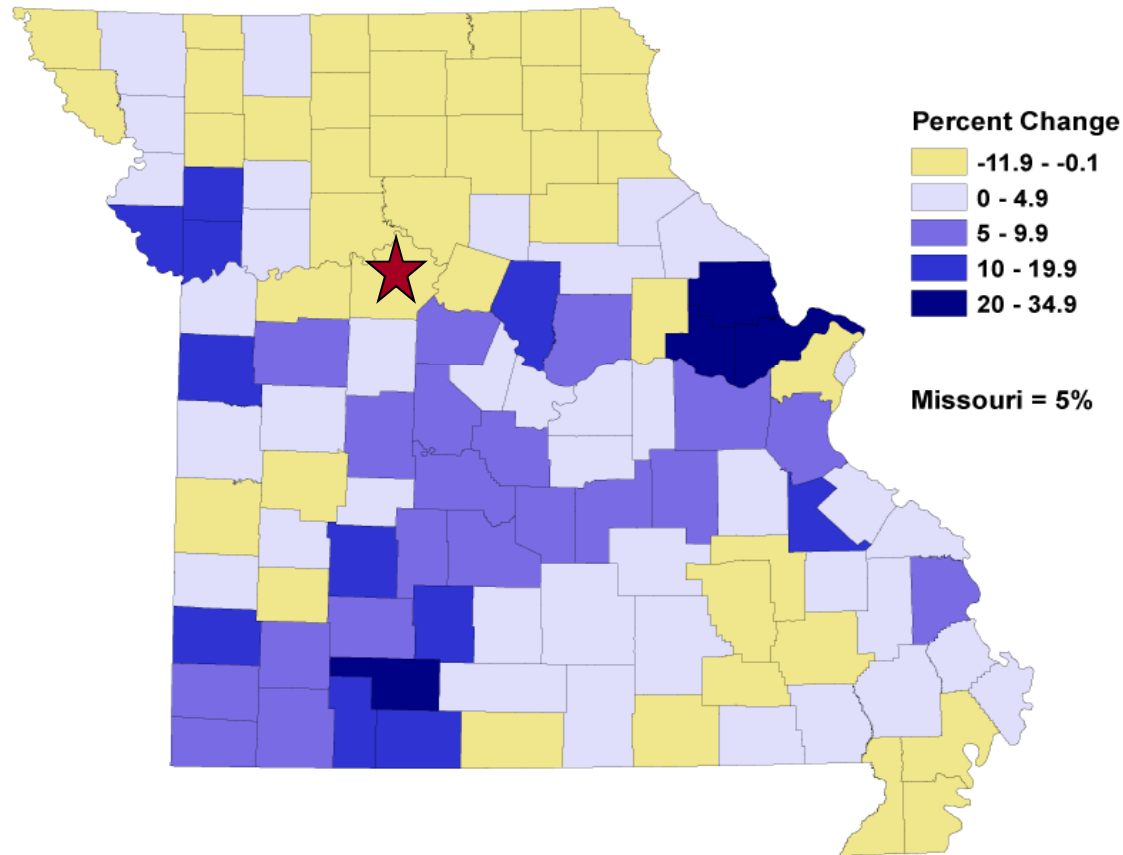
1601

1683

2829

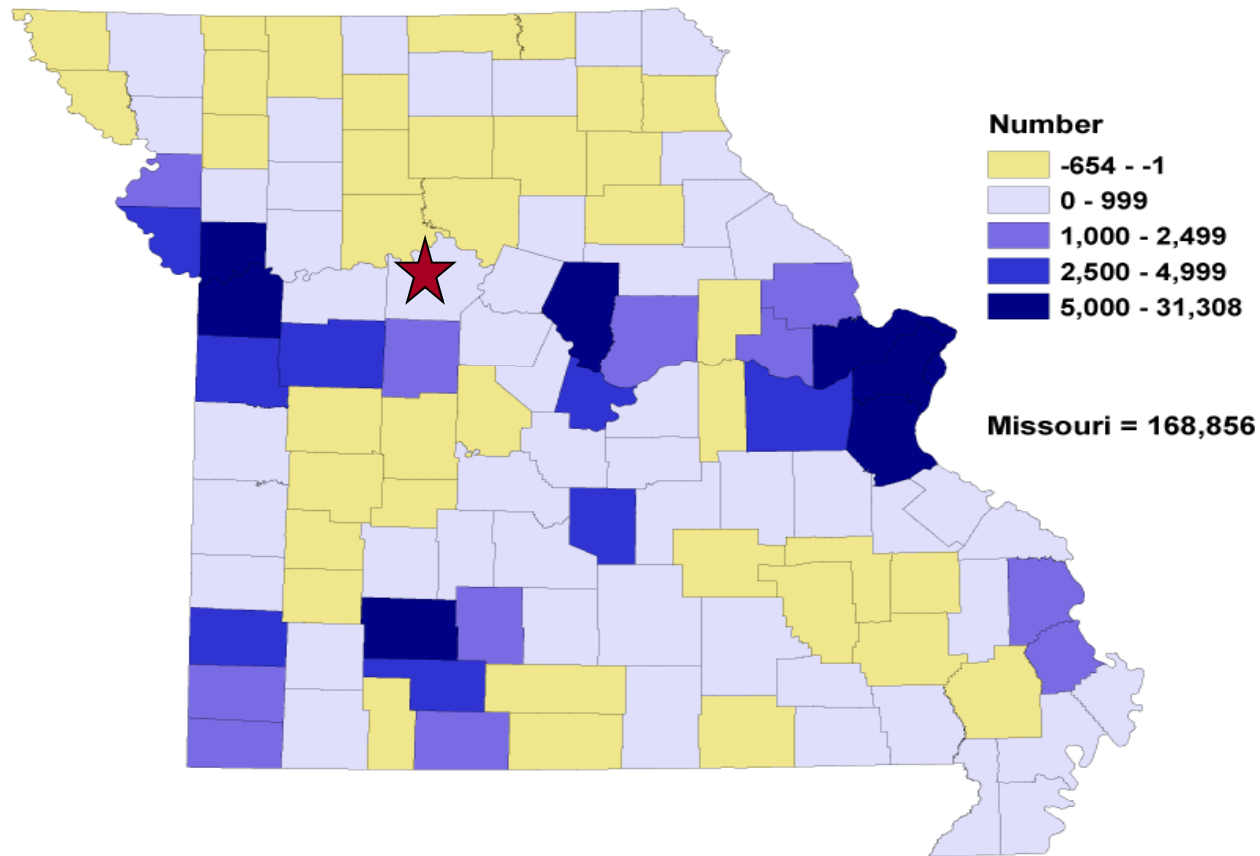
2491

### Percent Population Change in Missouri, by County 2000-2007



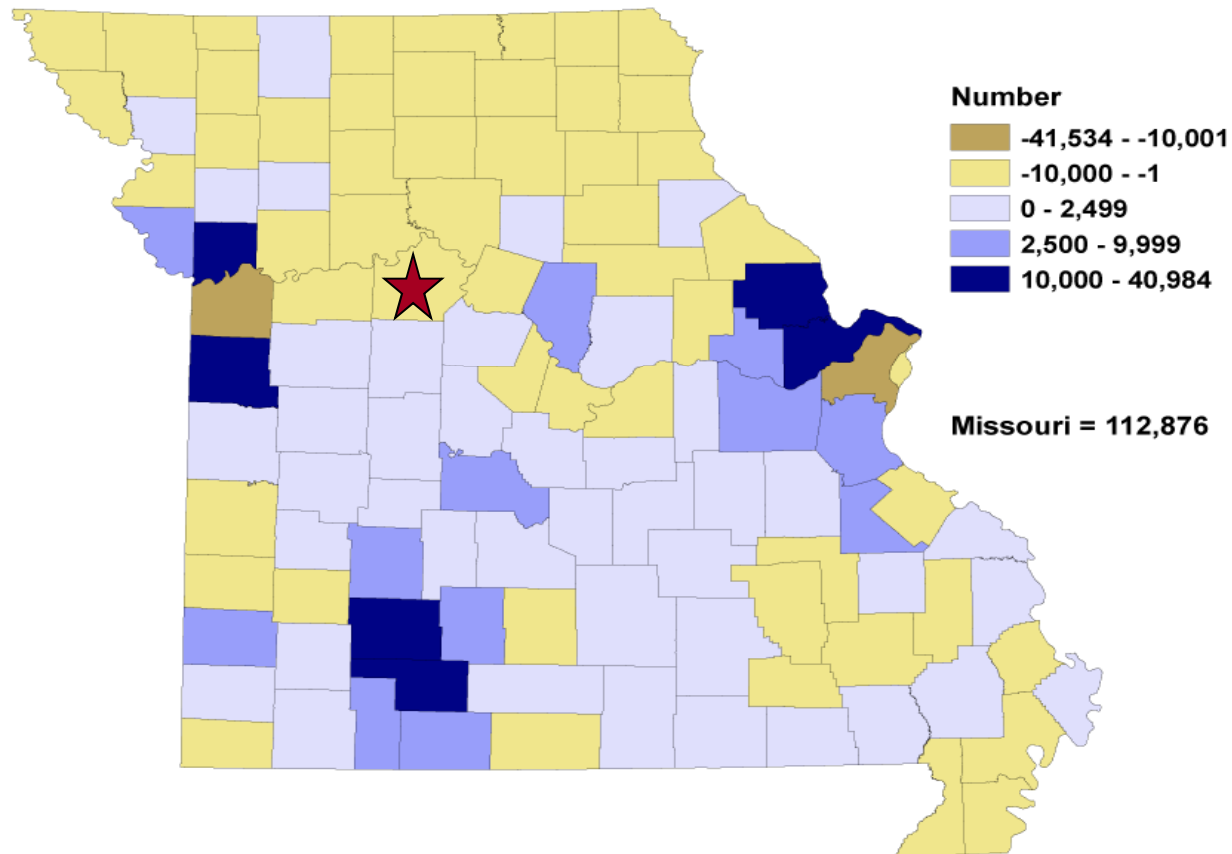
Source: Population Division, U. S. Census Bureau, Annual Estimates, April 1, 2000 - July 1, 2007.  
 Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)  
 Map Generated on: 23 Apr 2008

## Natural Increase in Missouri Population by County 2000-2007



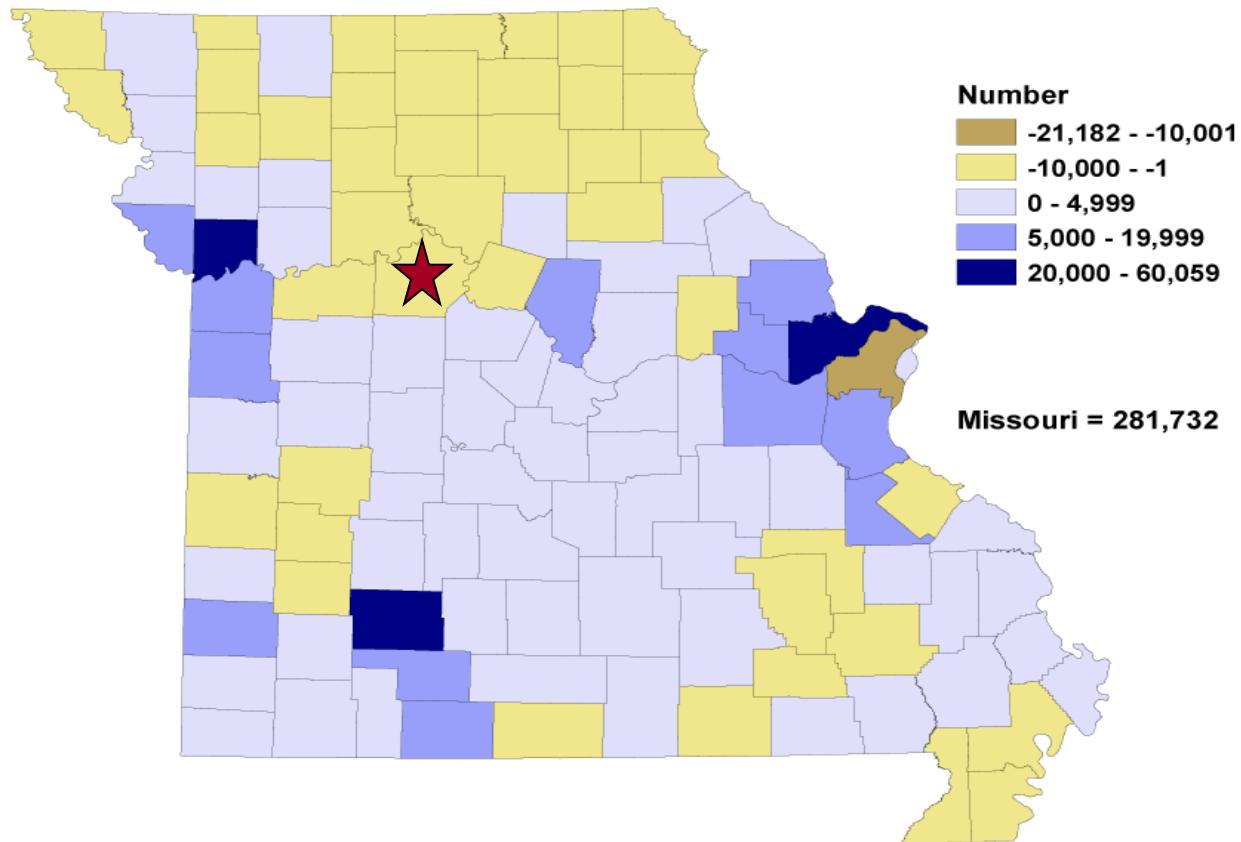
Source: Population Division, U. S. Census Bureau, Annual Estimates, April 1, 2000 - July 1, 2007.  
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)  
Map Generated on: 23 Apr 2008

## Net Migration in Missouri Population by County 2000-2007



Source: Population Division, U. S. Census Bureau, Annual Estimates, April 1, 2000 - July 1, 2007.  
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)  
Map Generated on: 23 Apr 2008

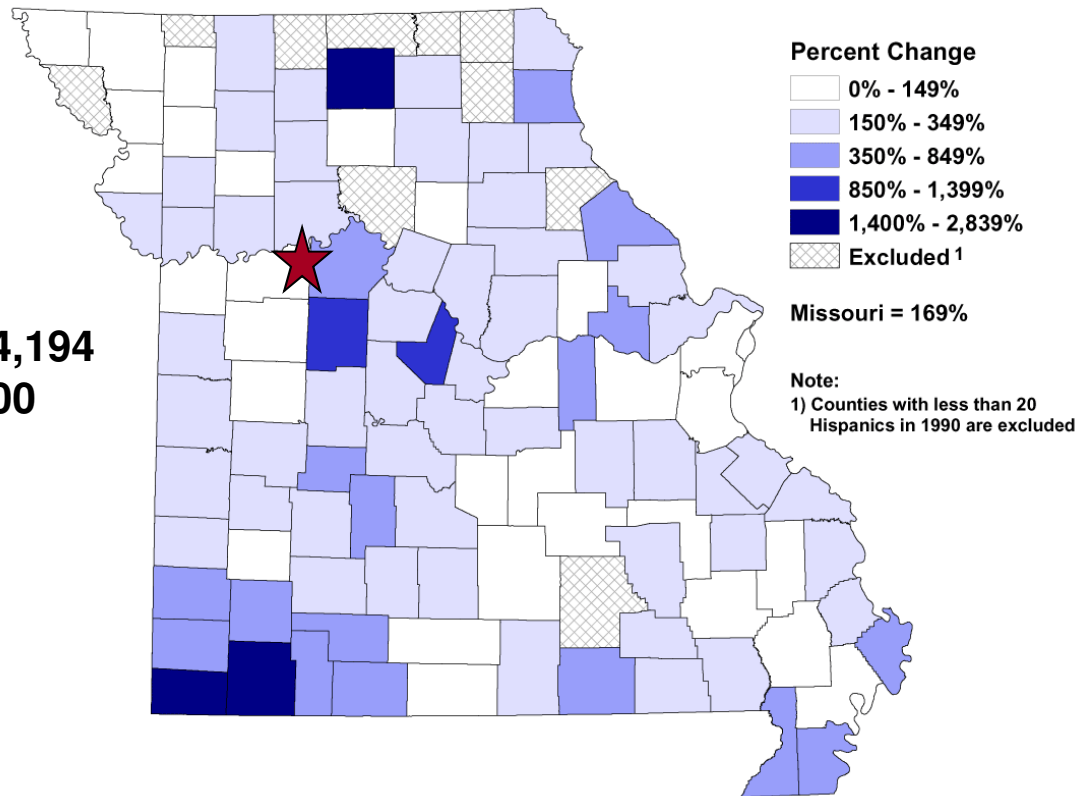
## Change in Missouri Population by County 2000-2007



Source: Population Division, U. S. Census Bureau, Annual Estimates, April 1, 2000 - July 1, 2007.  
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSED)A  
Map Generated on: 23 Apr 2008

## Percent Change in Missouri's Hispanic Population by County, 1990 - 2006

**Missouri Hispanic  
Population 2006: 164,194  
38.4% gain since 2000**



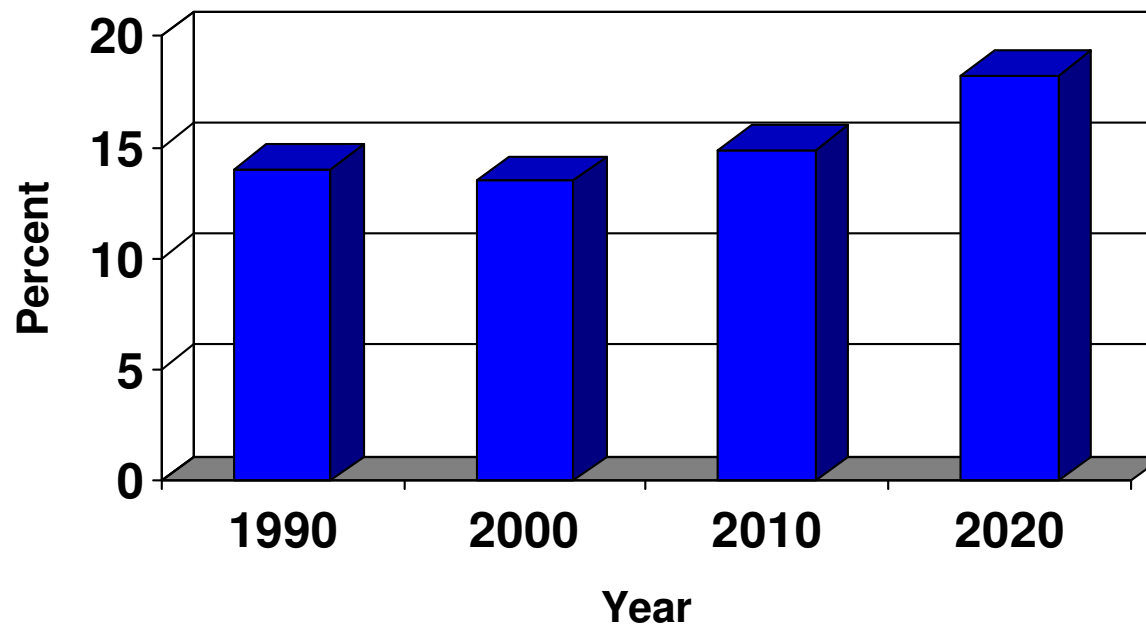
Source: USDC, Bureau of the Census, (1990 STF1; 2006 Estimates)  
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)  
Map Generated on 13 Nov 2007





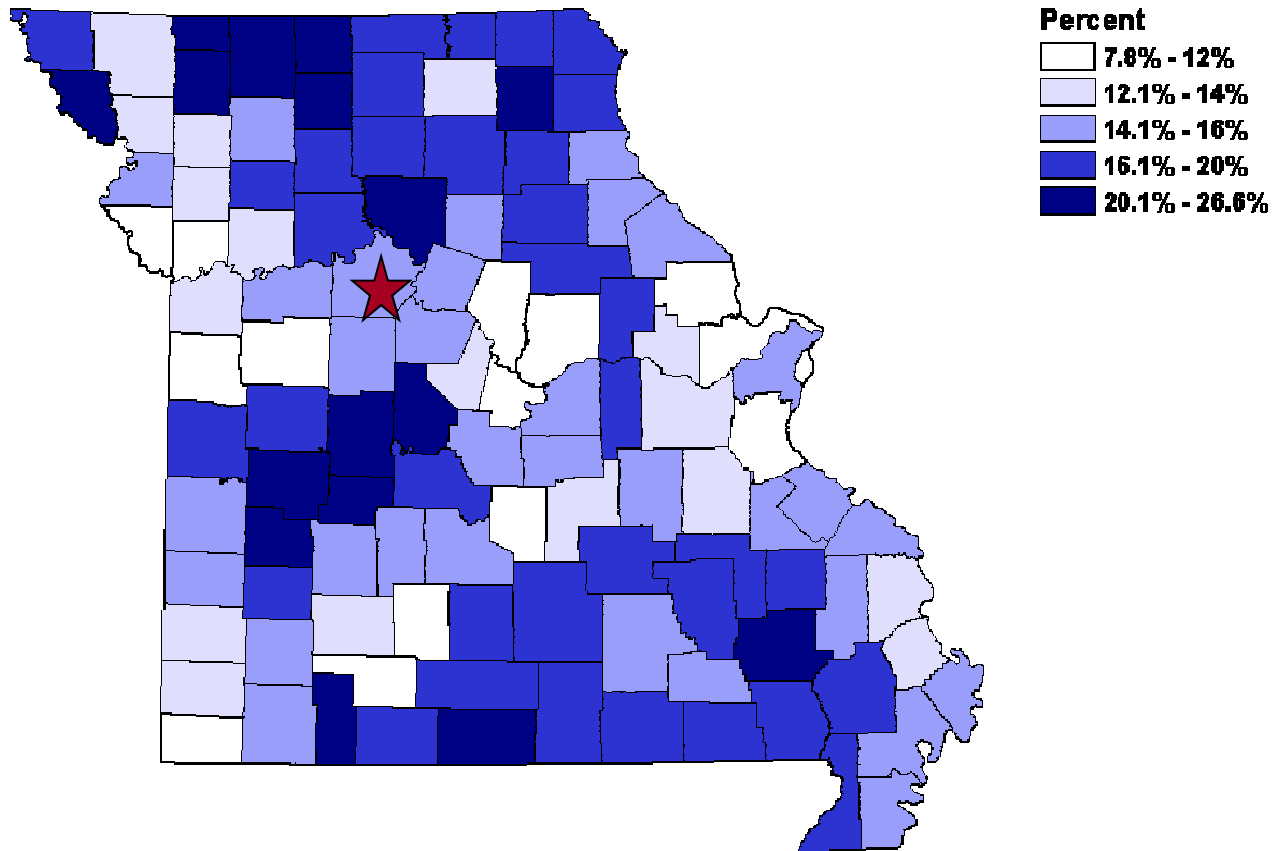
# ***Demographic Trends: Seniors***

## Percent Missouri Population Age 65+: 1990-2020



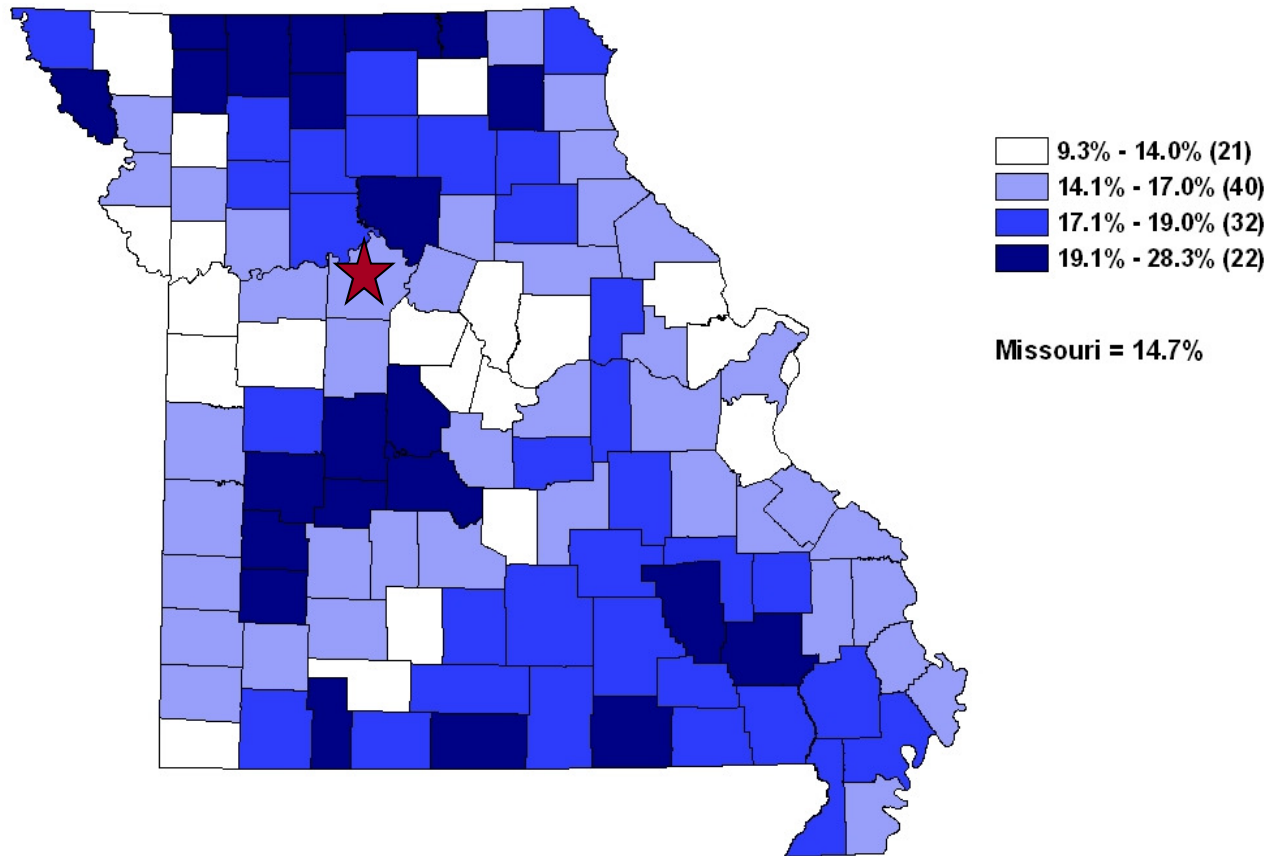
SOURCE: Census Bureau/NCHS. Projection algorithm, programming by OSEDA  
Chart Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis  
24March2006

## Percent of Population 65 and Over 2006



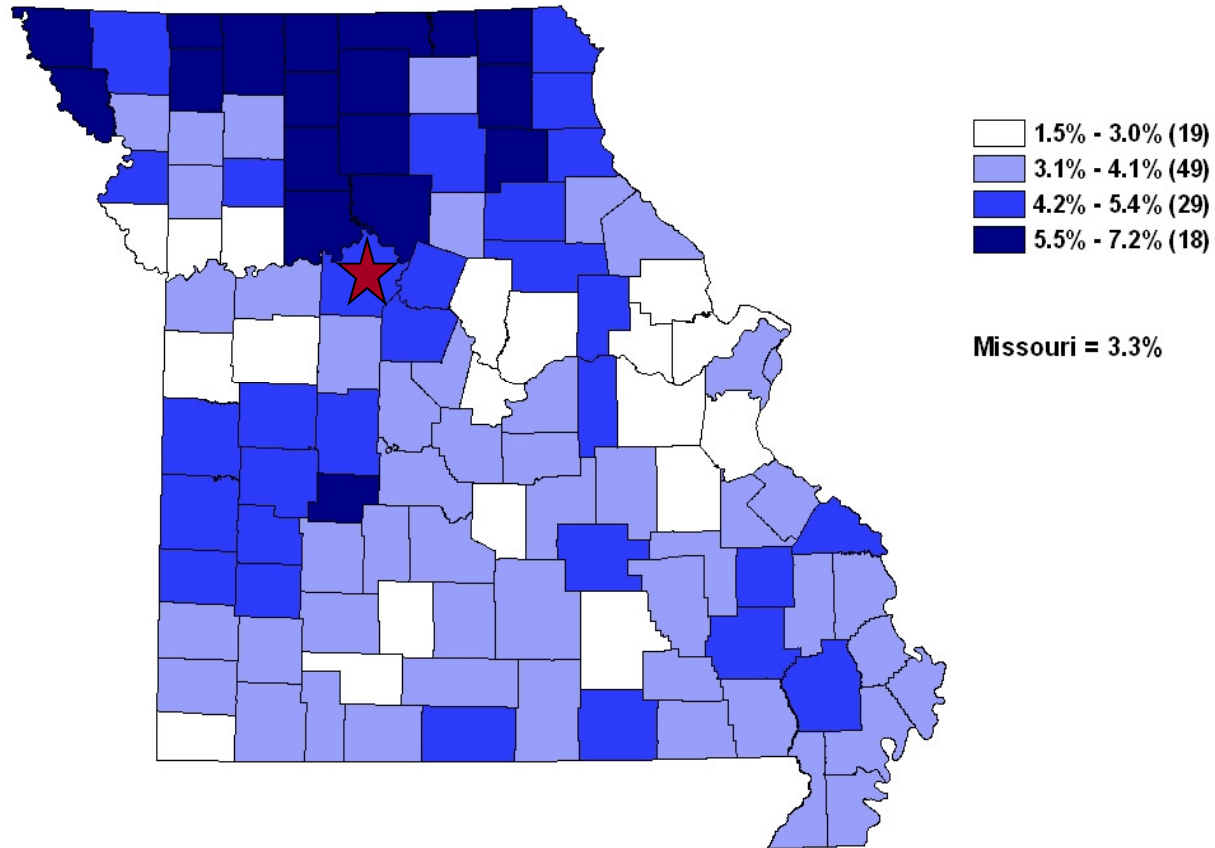
Missouri Senior Report 2007  
Prepared by: Office of Social and Economic Data Analysis (OSED)A  
Source: USDC, Bureau of the Census, Census of Population and Housing, 2006  
Map Generated on 12.2.2007

## 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

# Saline

Population 65+, 2006: **3,492**  
 Percent Change 65+, 2000-2006: **-9.5%**

Composite County Rank: **57**

## Outcome Indicators

	Year	Measure	Trend	State Measure	County Rank
<b>Household Composition</b>					
Seniors Filing Missouri Joint Income Tax Returns	2000	38.6%	▼	43.8%	97
	2005	36.9%			
<b>Economic Well-being</b>					
SSI Payments as Percent of Total Personal Income	2001	0.38%	▼	0.34%	67
	2005	0.48%			
<b>Workforce Participation</b>					
Percent of Seniors Working for Pay	2001	9.8%	▼	8.2%	11
	2005	9.2%			
<b>Transportation</b>					
Percent of All Seniors with Missouri Driver's License	2001	79.2%	▲	81.5%	71
	2006	83.1%			
<b>Health Status *</b>					
Hospitalizations & ER Visits for Diabetes per 10,000 Seniors	2001	74.0	▼	70.6	80
	2004	79.5			
<b>Health Care Access</b>					
Primary Care Physicians per 1,000 Seniors	2000	4.8	▼	5.5	33
	2004	3.9			
<b>Long Term Care **</b>					
Medicaid Costs for Long Term Care per Capita	2002	\$179	▼	\$138	76
	2006	\$225			
<b>Crime</b>					
Property & Violent Crime per 1,000 Persons	2001	19.3	▼	45.4	63
	2006	23.6			
<b>Housing ***</b>					
Percent of Seniors Housing Cost Burdened	(Trend data not available)	-	-	28.9%	-
	2006				

## Status Indicators

	Measure	
<b>Demographics</b>	Total Population, 2000	23,742
	Total Population, 2006	22,896
	Total Population Change/%, 2000-2006	-846/-3.6%
	Population 65+, 2000	3,859
	Percent of Population 65+, 2000	16.3%
	Percent Female	60.8%
	Percent Male	39.2%
	Percent of Population 65+, 2006	15.3%
	Percent Female	59.1%
	Percent Male	40.9%
	Population Projections 65+, 2010	16.9%
	Percent Female	57.6%
	Percent Male	42.4%
	Population Projections 65+, 2020	20.2%
Percent Female	53.0%	
Percent Male	47.0%	
<b>Quality of Life</b>	Senior Owner-Occupied Housing, 2000	77.3%
	Seniors Living in Families, 2000	52.8%
	Median Value of All Owned Housing, 2000	\$62,800
	Seniors in Poverty, 2000	8.6%
	Average Income of Senior Households, 2000	\$35,512
<b>Health and Wellness</b>	Seniors with a College Education, 2000	10.0%
	No Exercise, 2006	45.1%
	No Sigmoidoscopy or Colonoscopy, 2006	54.9%
	High Blood Pressure, 2005	58.2%
	Obesity, 2006	26.8%
	Smoking, 2006	11.9%
	No Mammography, 2006	40.1%
High Cholesterol, 2005	57.1%	

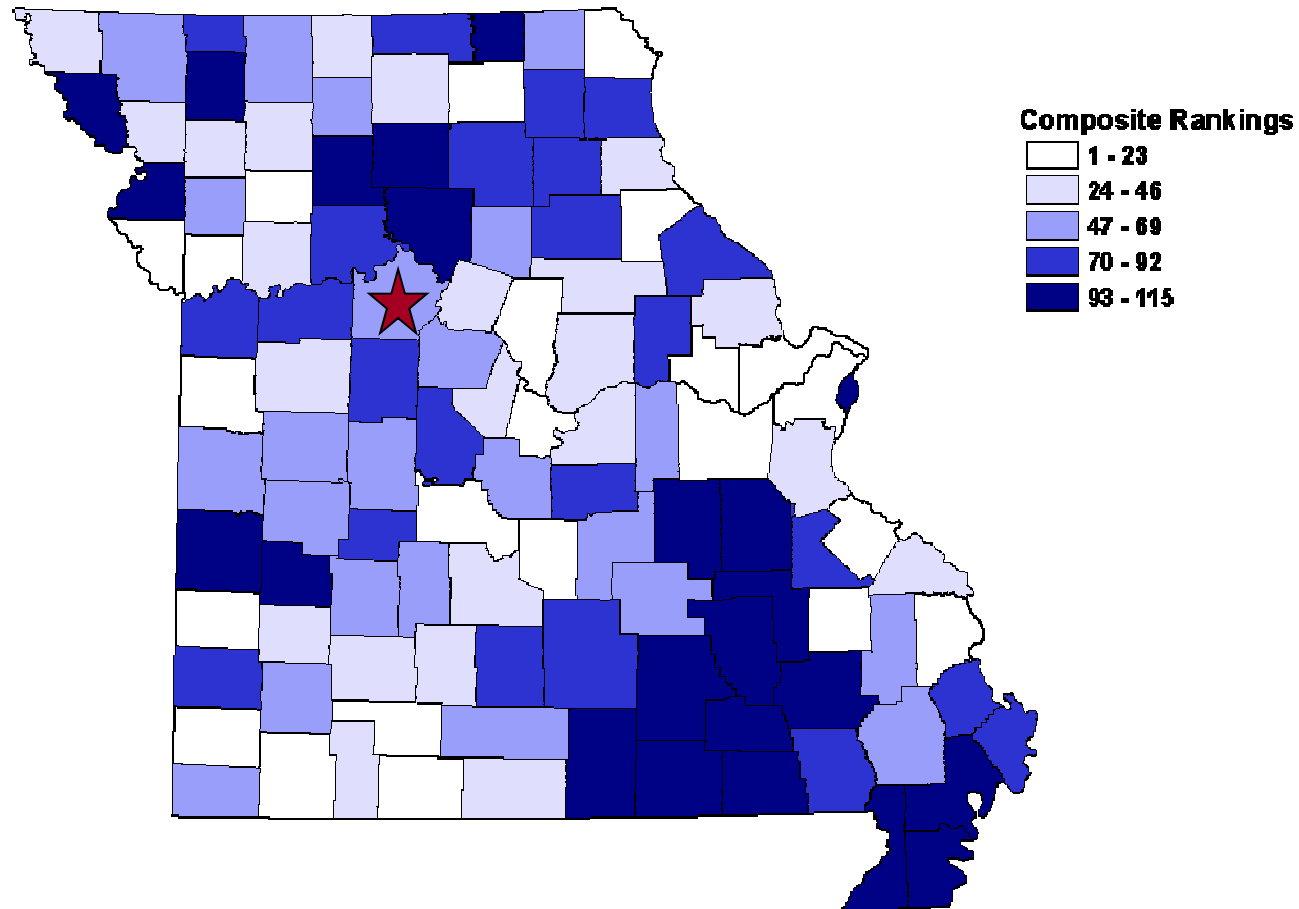
\*Three year average 2000-2002 and 2003-2005

\*\* Not included in composite county rank

\*\*\* 2006 ACS available for selected counties only

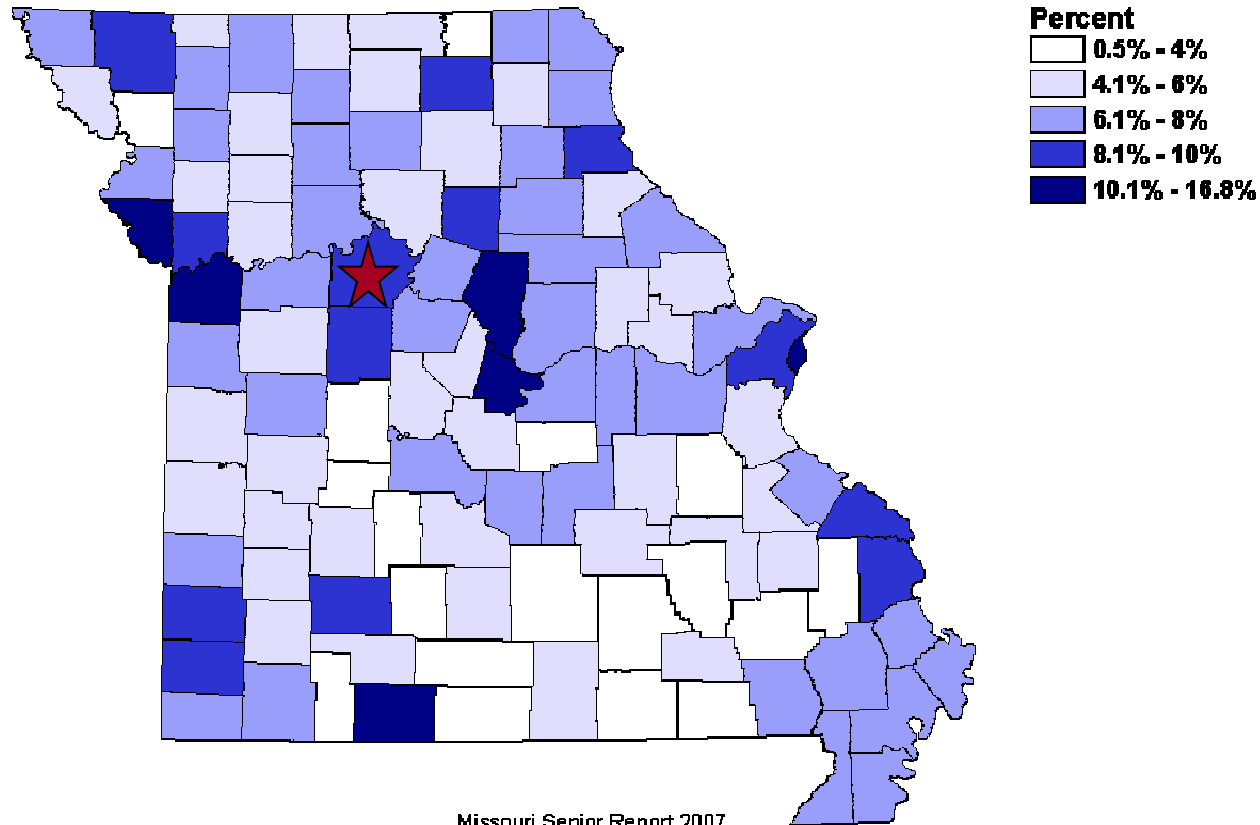


## Missouri Senior Report, 2007 Composite County Rankings



Prepared by: Office of Social and Economic Data Analysis (OSED)A  
Map Created On: 12.14.2007

## Percent of Seniors Working for Pay 2005



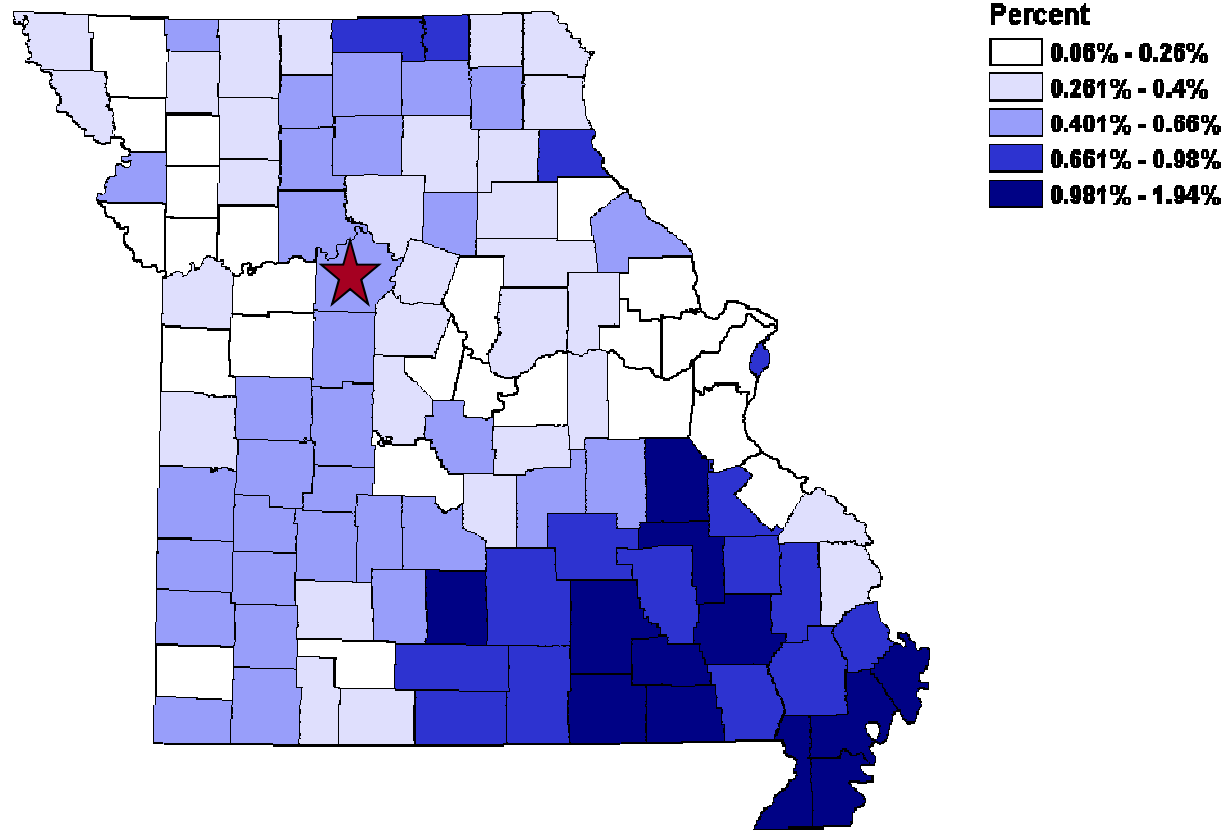
Missouri Senior Report 2007

Prepared by: Office of Social and Economic Data Analysis (OSED)

Source: The Longitudinal Employer-Households Dynamic Program, Missouri Economic Research & Information Center,  
Missouri Department of Economic Development

Map Generated on 12.2.2007

## Supplemental Security Income Payments as Percent of Total Personal Income 2005

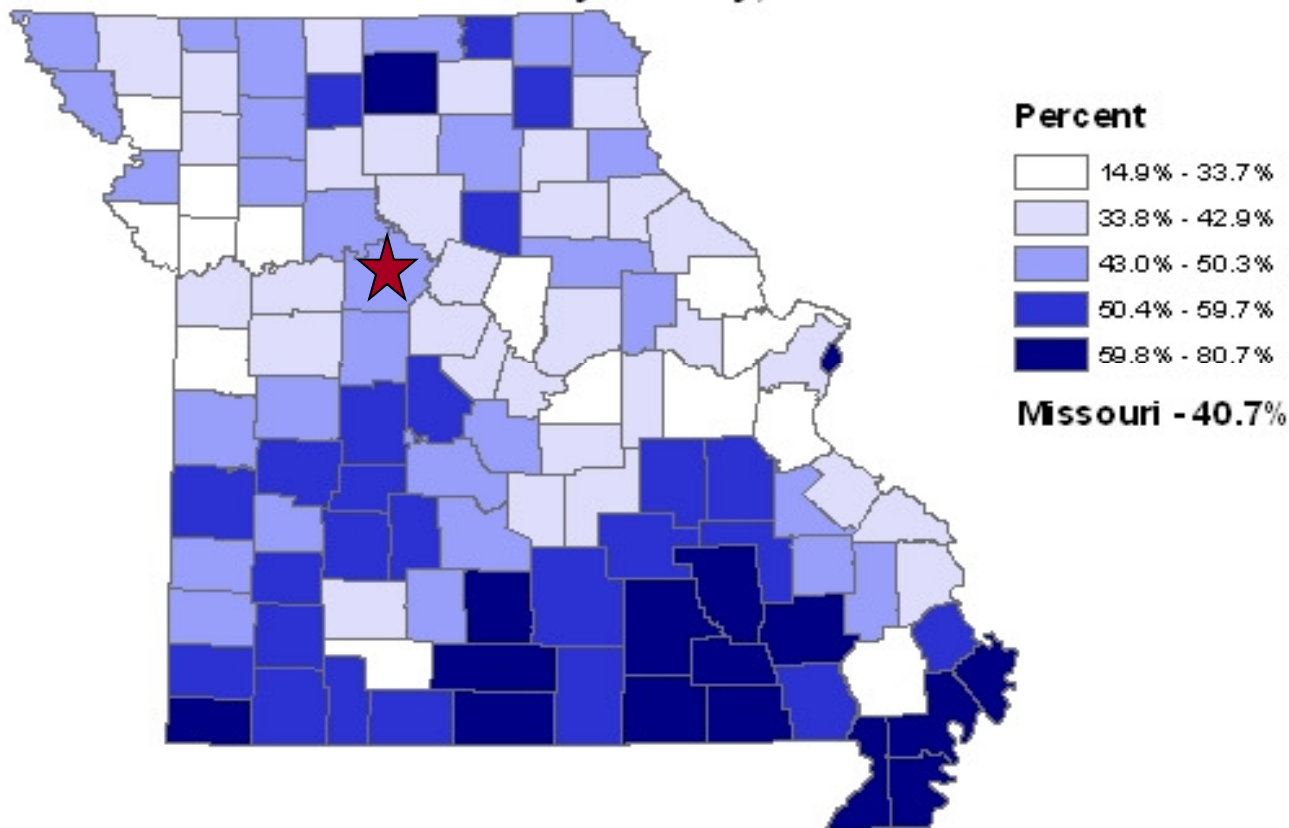


Missouri Senior Report 2007  
Prepared by: Office of Social and Economic Data Analysis (OSED)A)  
Source: Research & Evaluation, Missouri Department of Social Services  
Map Generated on 12.2.2007



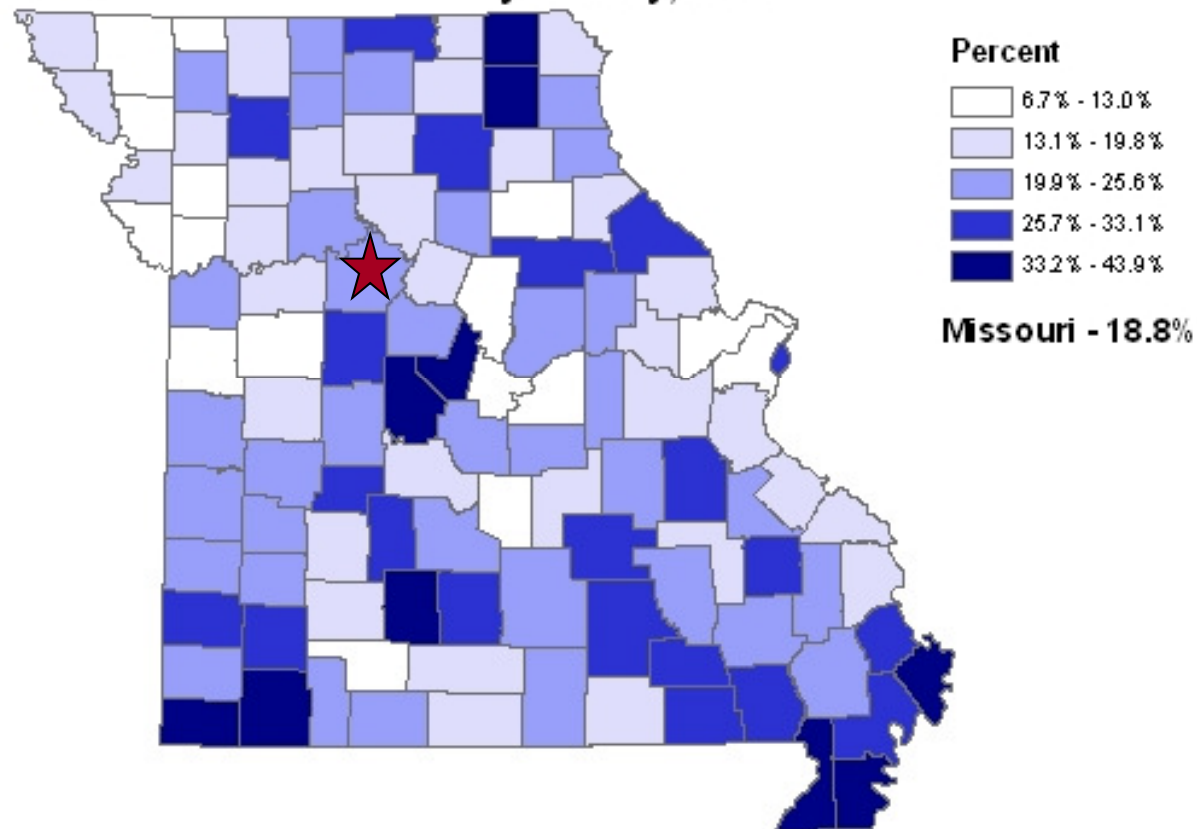
# ***Demographic Trends: Children***

## Percent Students Enrolled for Free and Reduced Lunches by County, 2006



Source: Missouri Department of Elementary & Secondary Education  
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSEDA)  
Map Generated on 01.14.2008

## Percent to Births to Mothers with Fewer Than 12 Years Education by County, 2006



Source: Missouri Department of Health and Senior Services  
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSEDA)  
Map Generated on 01.14.2008



# Saline County

► County Seat - Marshall

93

## Composite County Rank

### County Trends

✘ = Worse

✓ = Better

○ = No Change

Outcome Measures	Number		Rate		Trend	State Rate	County Rank
	Base Year	Current Year	Base Year	Current Year			
Students enrolled in free/reduced lunch 2002/2006	1,624	1,686	45.9%	48.4%	✘	40.7%	65
Births to mothers without h.s. diploma 2002/2006	69	79	26.5%	25.6%	✓	18.8%	84
Low birthweight infants 1997-2001/2002-2006	118	108	8.2%	7.5%	✓	8.1%	61
Infant mortality (per 1,000 live births) 1997-2001/2002-2006	11	19	7.6	13.2	✘	7.7	110
Child deaths, ages 1-14* (per 100,000) 1997-2001/2002-2006	11	7	50.3	34.7	✓	23.2	80
Child abuse and neglect* (per 1,000) 2002/2006	411	275	76.0	52.2	✓	32.7	97
Out-of-home placement entries (per 1,000) 2002/2006	48	38	8.9	7.2	✓	4.1	94
Annual high school dropouts 2002/2006	50	49	4.3%	4.0%	✓	4.1%	90
Births to teens, ages 15-19 (per 1,000) 2002/2006	26	47	29.4	51.8	✘	45.6	63
Violent deaths, ages 15-19* (per 100,000) 1997-2001/2002-2006	5	7	49.7	74.2	✘	65.5	49

\* Outcome not included in Composite County Rank

KIDS COUNT in Missouri 2007

Citizens for Missouri's Children

98

Children's Trust Fund

## ► DEMOGRAPHIC

Child population	2002	5,408
	2006	5,267
Children as percent of total population	2002	23.5%
	2006	23.0%
Minority children	2002	14.7%
	2006	18.6%
Children with limited English proficiency	2002	17%
	2006	16%

## ► ECONOMIC

Children in poverty	1990	18.6%
	2000	18.9%
Children under 6 in poverty	1990	25.1%
	2000	18.3%
Children in single parent families	1990	18.5%
	2000	24.0%
Average annual wage/salary	2002	\$22,963
	2005	\$24,822
Adult unemployment	2002	5.8%
	2006	4.7%

## ► FAMILY SUPPORTS

Parents paying child support in state system	2002	59.2%
	2006	56.2%
Children receiving subsidized child care	2002	138
	2006	136
Licensed child care capacity	2002	400
	2007	379
Accredited child care facilities	2002	5
	2007	2
Children receiving cash assistance	2002	5.5%
	2006	5.8%
Children receiving food stamps	2002	29.7%
	2006	35.8%

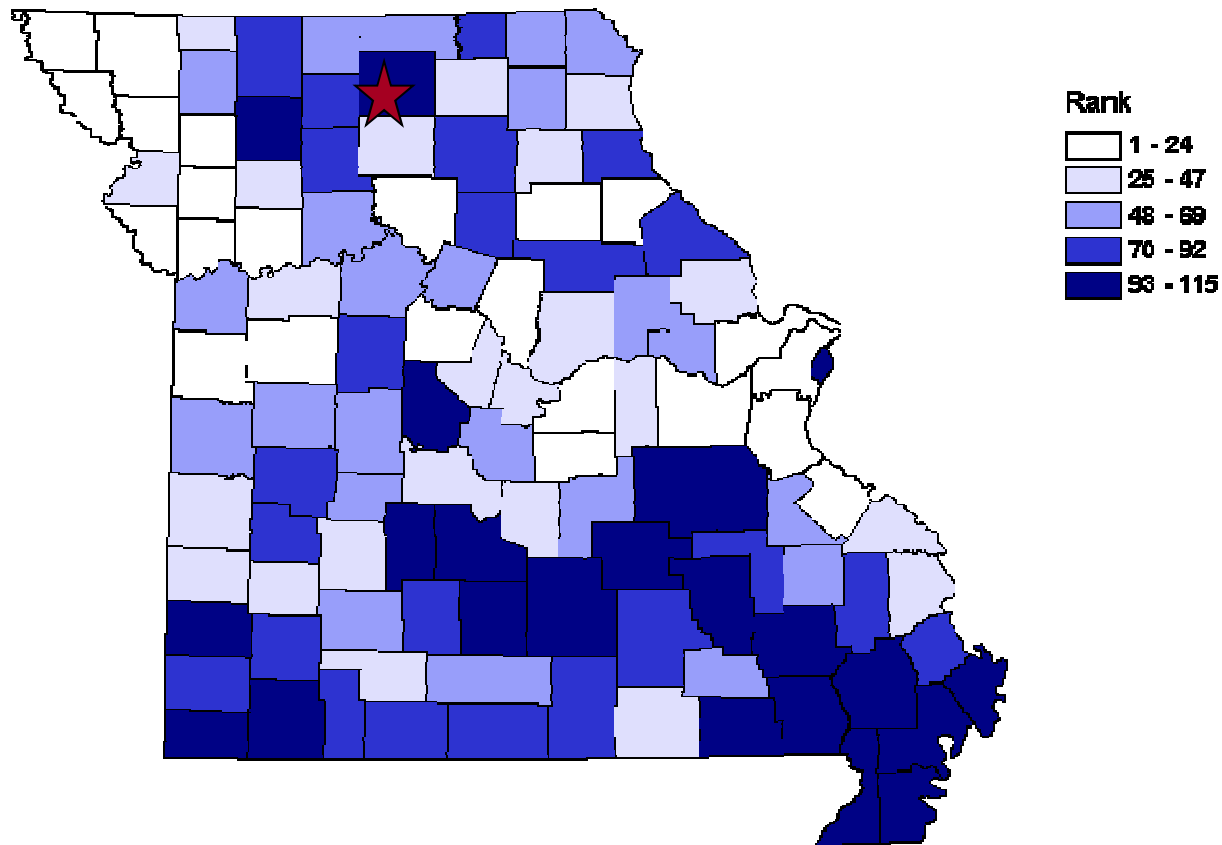
## ► HEALTH/MENTAL HEALTH

Children enrolled in MC+/Medicaid	2002	40.0%
	2006	39.8%
Children with elevated blood lead levels	2002	4.3%
	2006	3.1%
Children receiving public SED mental health services	2002	259
	2005	237
Juvenile law violation referrals, ages 10-17 (per 1,000)	2002	88.1
	2005	96.4

## Kids Count Composite County Rankings

County	Rank 1997	Rank 1998	Rank 1999	Rank 2000	Rank 2001	Rank 2002	Rank 2003	Rank 2004	Rank 2005	Rank 2006	Rank 2007
Saline	89	103	107	92	82	109	74	76	52	64	93

## Composite County Kids Count Rank, 2006



Source: University of Missouri, Office of Social and Economic Data Analysis  
 Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)  
 Map Generated on: 11.8.2006



# ***Economic Trends***

- ***Economic share***
- Employment
- Income and poverty

# Regional Economic Share

[2007 Missouri Economic Report](#)

**North  
Central  
1.8%**

**Jackson  
County 11%**

**West  
Central 2.6%**

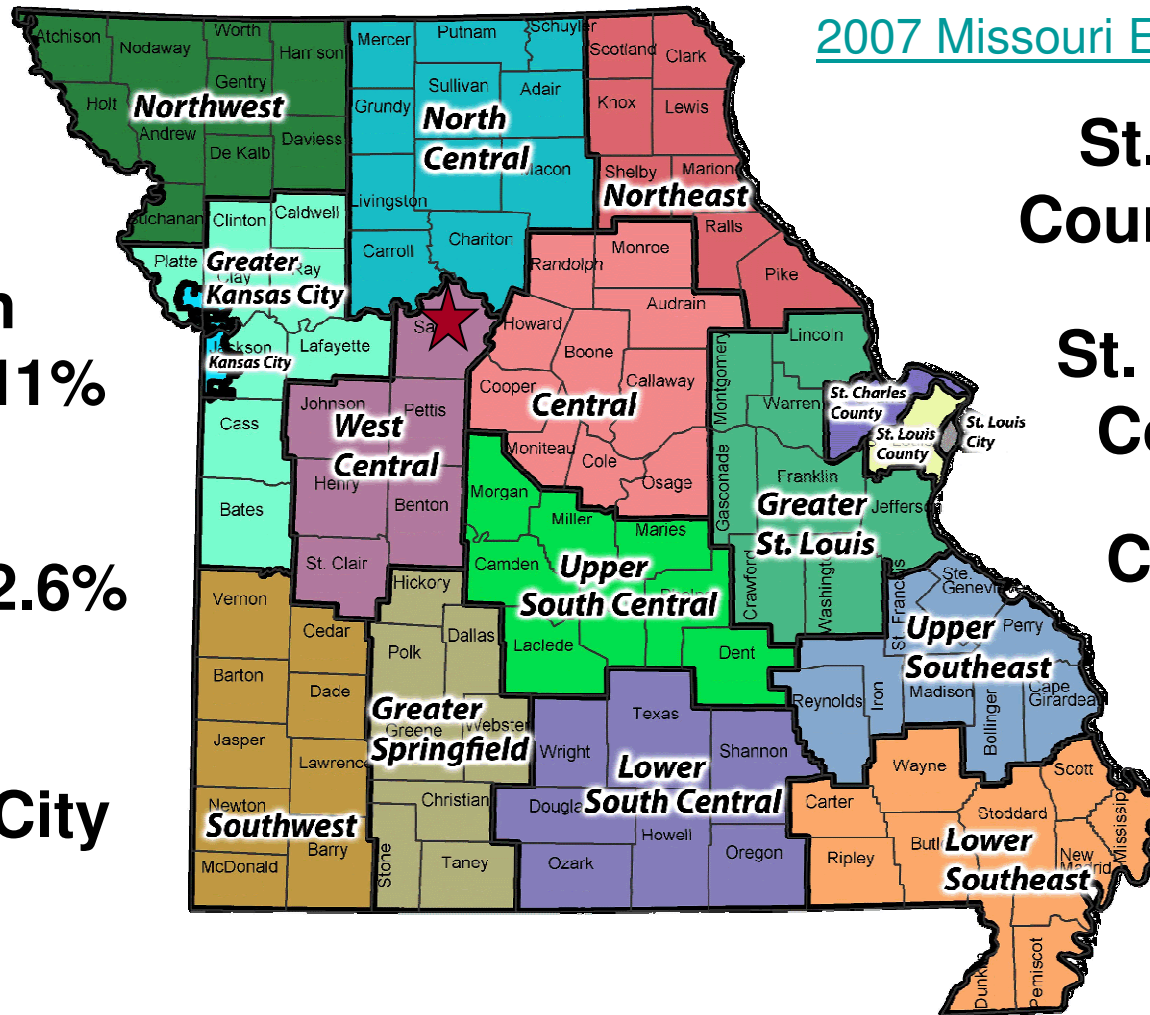
**Greater  
Kansas City  
8.5%**

**St. Louis  
County 20.5%**

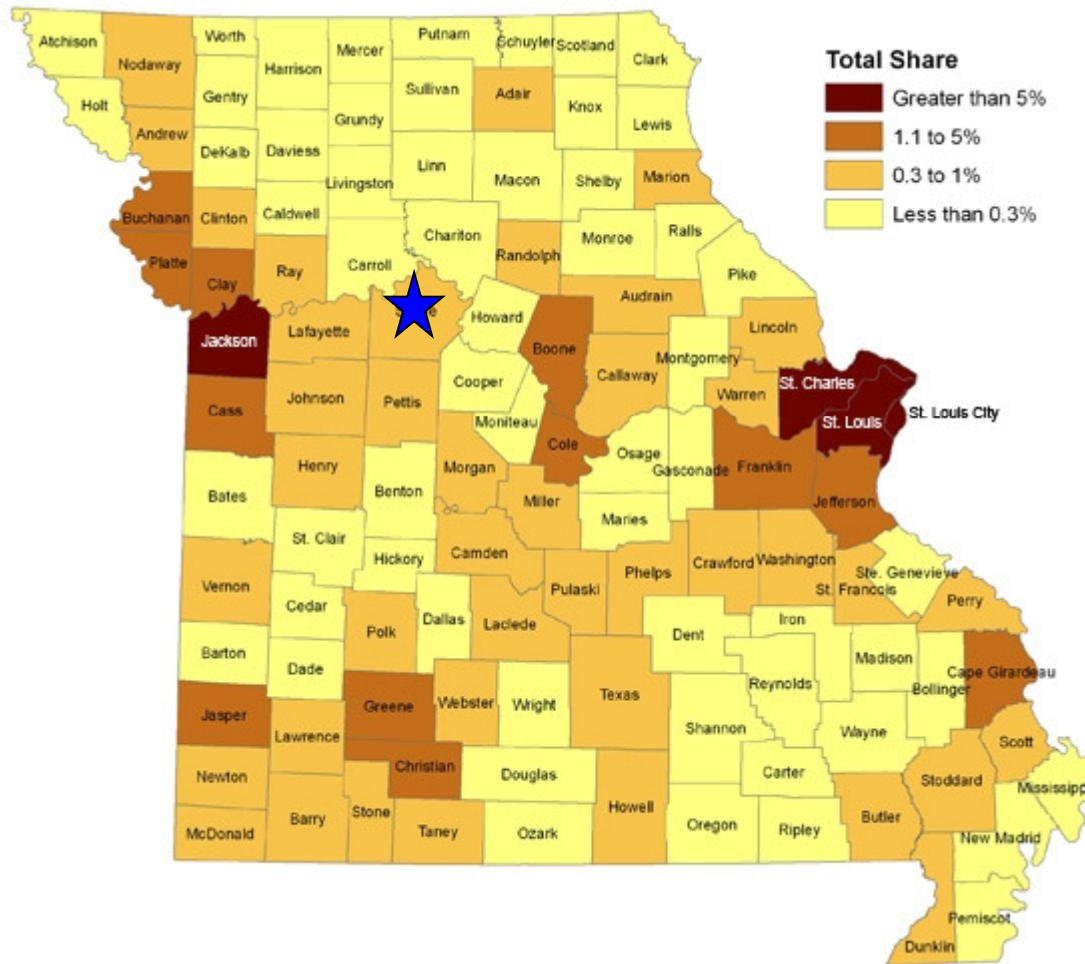
**St. Charles  
County 6.0%**

**Central 6.5%**

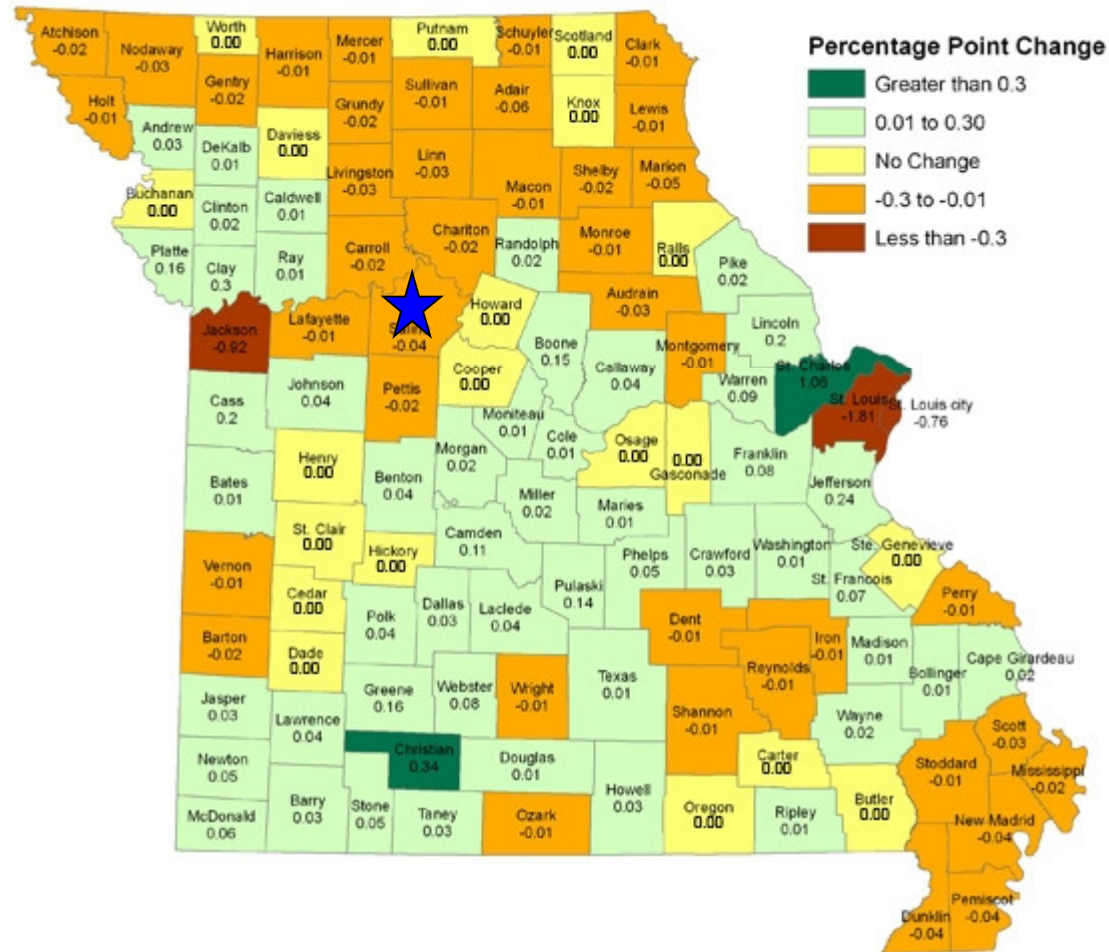
**Greater  
Springfield  
8.5%**



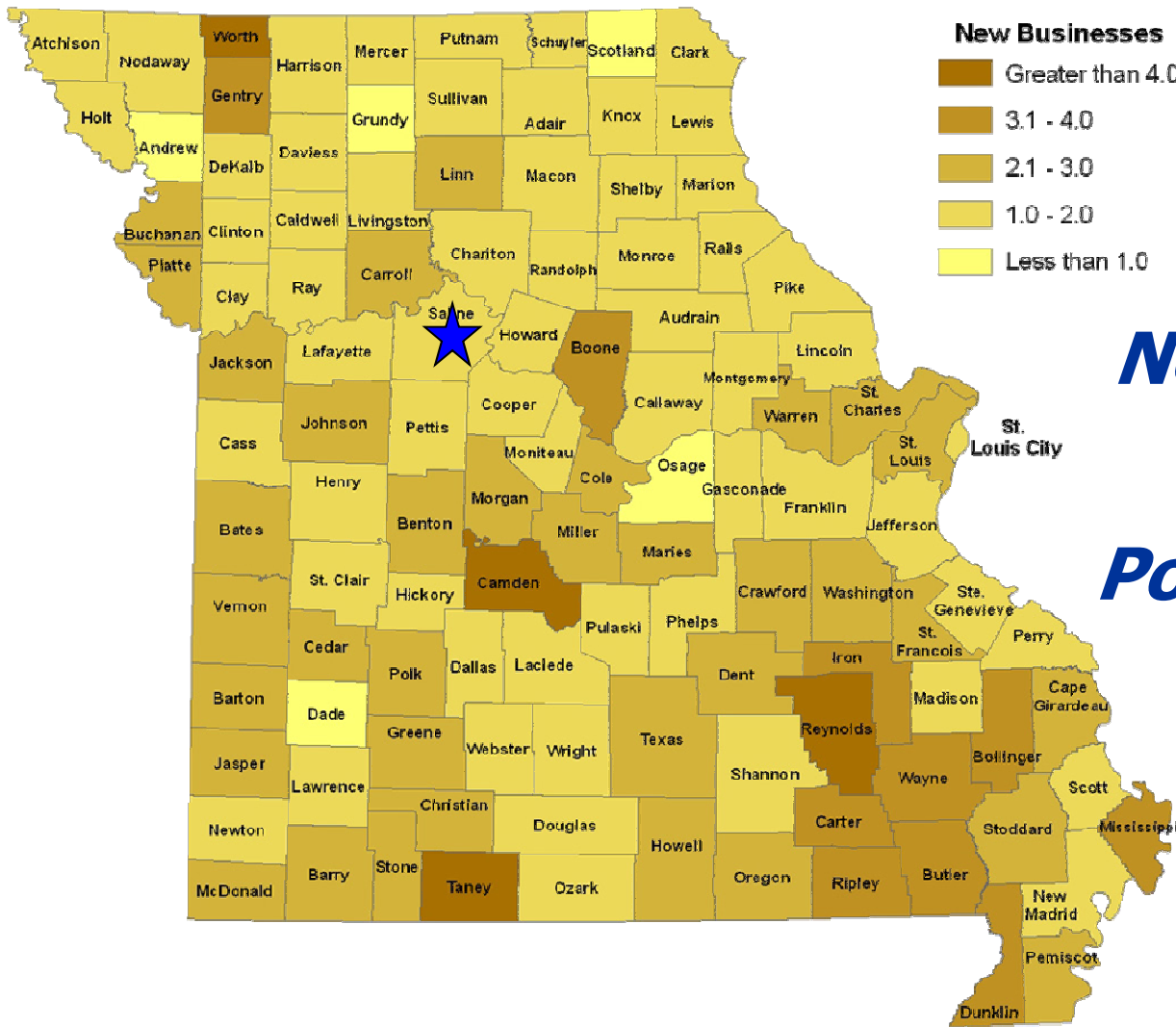
# Economic Share by County, 2006



# Change in Economic Share by County 1996 - 2006







# *New Businesses per 1,000 Population, 2006*

Source: MERIC

### Highest Share

County	Total Share
St. Louis	20.2%
Jackson	11.6%
St. Charles	6.1%
St. Louis City	5.4%
Greene	4.4%
Clay	3.7%
Jefferson	3.6%
Boone	2.6%
Jasper	1.8%

### Lowest Share

County	Total Share
Reynolds	0.09%
Carter	0.09%
Holt	0.08%
Putnam	0.08%
Scotland	0.07%
Knox	0.07%
Schuyler	0.06%
Mercer	0.06%
Worth	0.03%

**Saline County .36%**





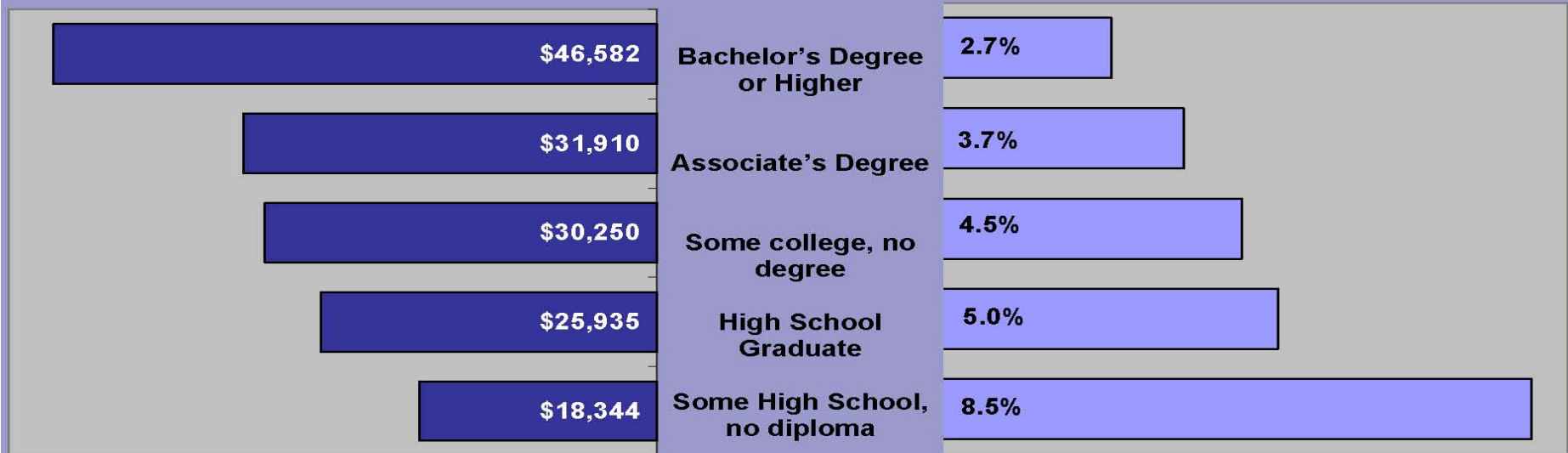
# ***Economic Trends***

- Economic share
- ***Employment***
- Income and poverty

# It Pays to Have an Education...

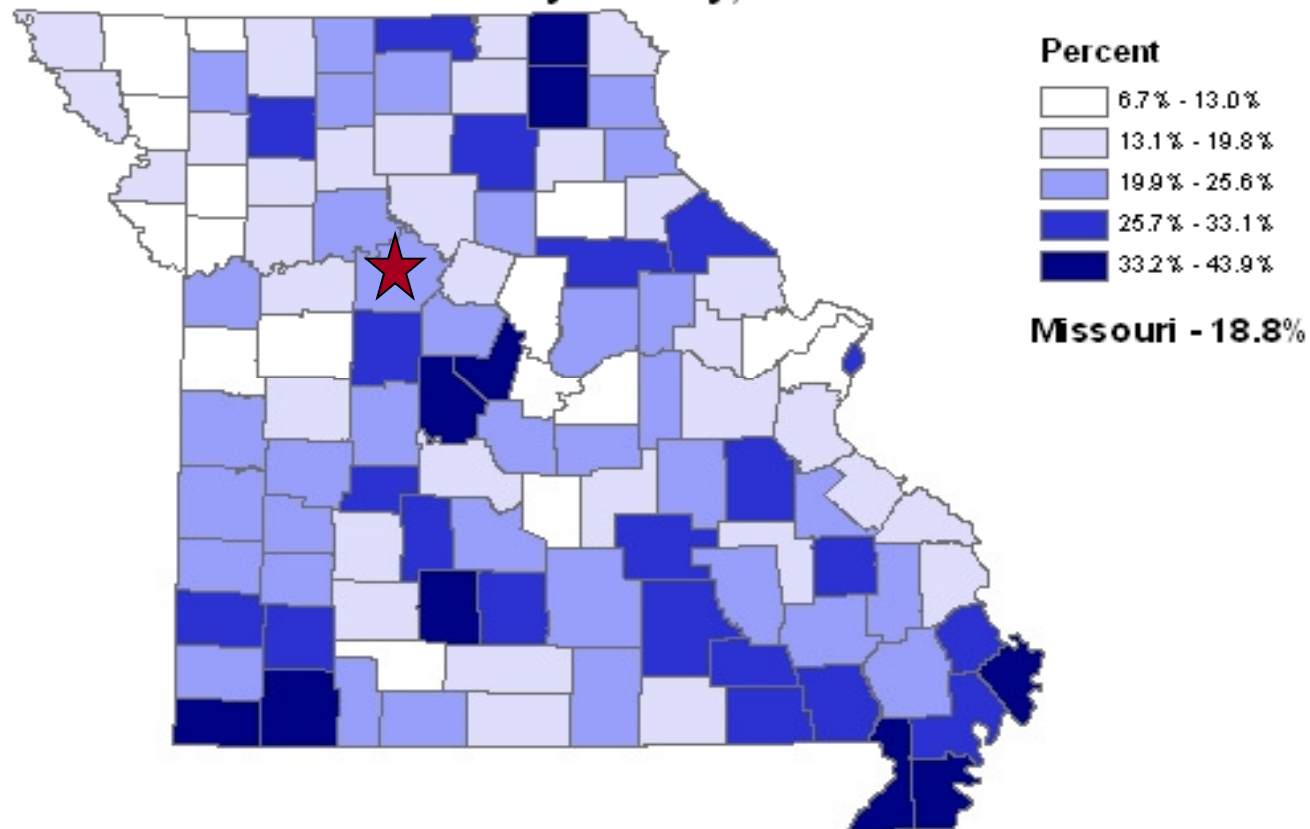
Median Earnings  
(dollars)

Unemployment Rate  
(percent)



Sources: U.S. Department of Labor, Bureau of Labor Statistics, Unemployment Rate, 2004; and U.S. Department of Commerce, Bureau of Census, Current Population Survey, 2004.

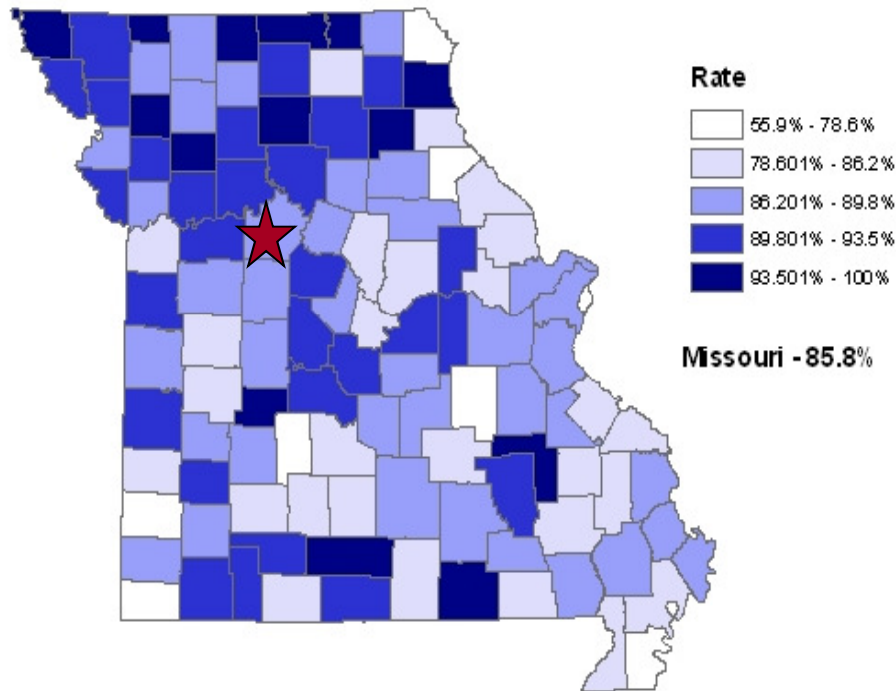
## Percent to Births to Mothers with Fewer Than 12 Years Education by County, 2006



Source: Missouri Department of Health and Senior Services  
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSEDA)  
Map Generated on 01.14.2008

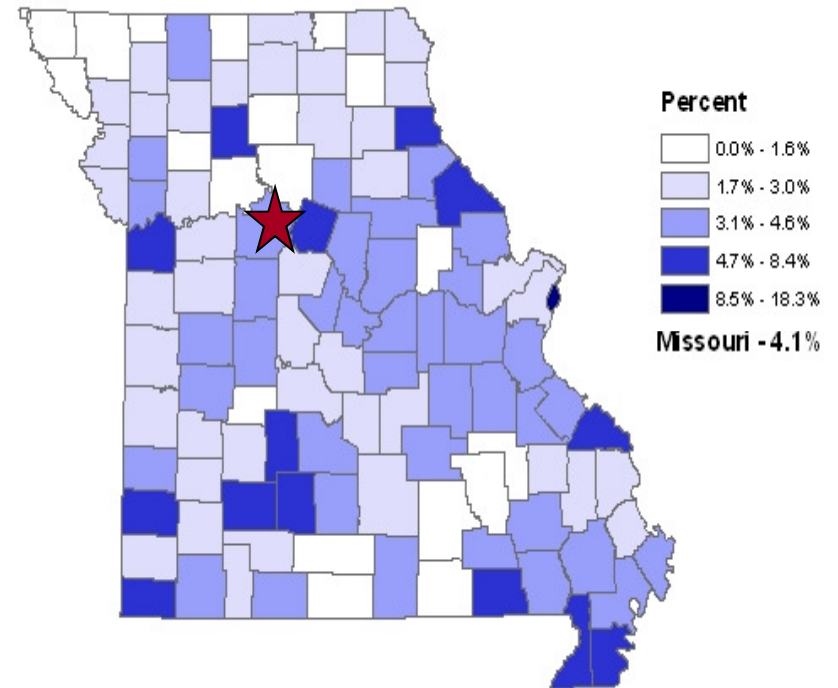


Graduation Rate by County, 2006



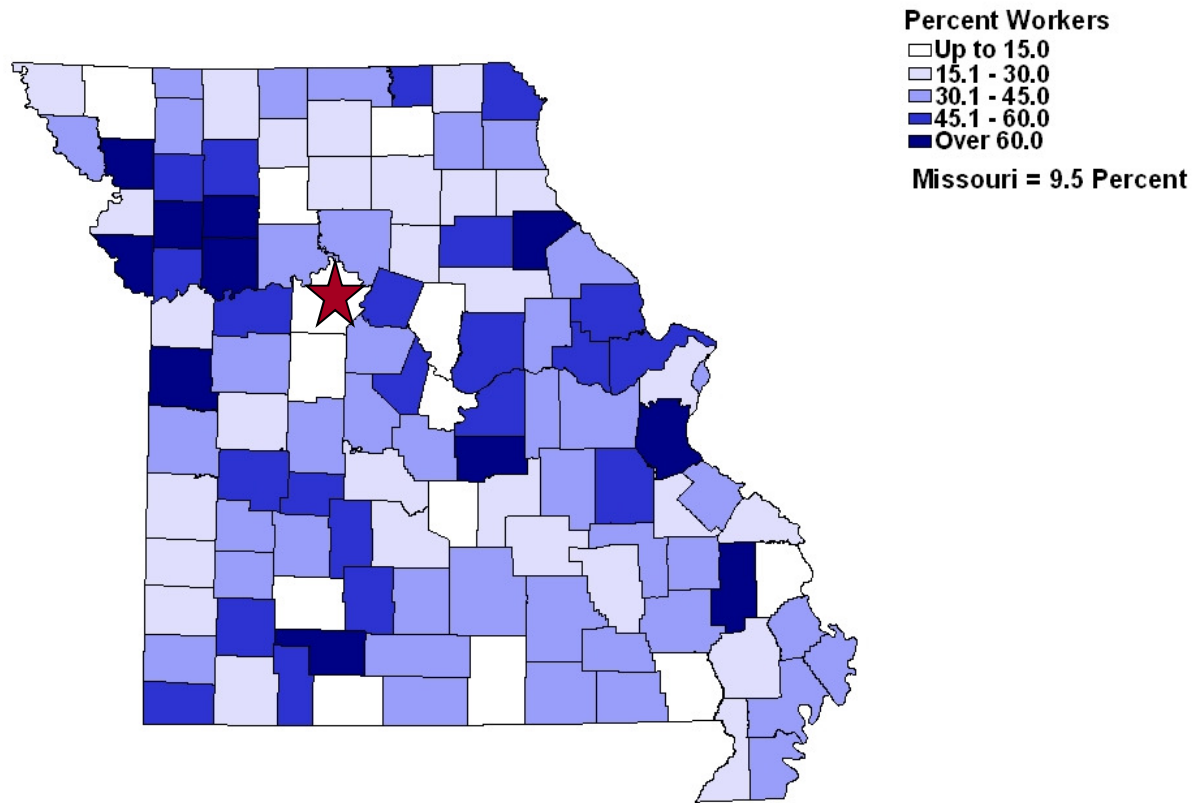
Source: Missouri Department of Health and Senior Services  
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSEDA)  
Map Generated on 01.16.2008

Annual High School Dropout Rate by County, 2006



Source: Missouri Department of Elementary and Secondary Education  
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSEDA)  
Map Generated on 01.21.2008

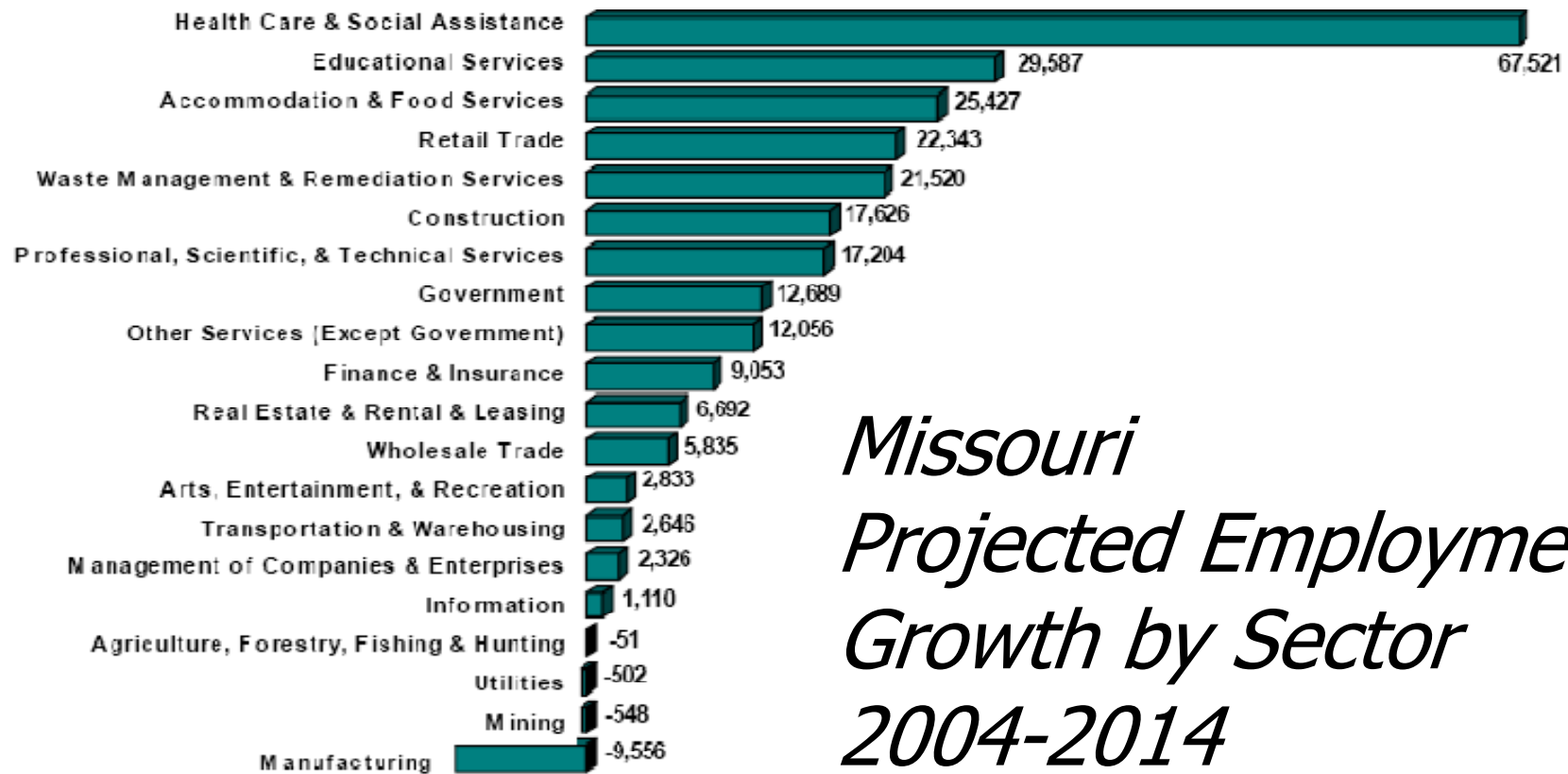
## Percent of Workers Working Outside County of Residence 2000



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 - (OSED)A  
Map Generated on 8.26.2002



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



*Missouri  
Projected Employment  
Growth by Sector  
2004-2014*

Source: MERIC



## Unemployment Rate by Month Saline County, Missouri, United States - 2007

Month	Labor Force	Employment	Unemployment	County Rate	Missouri Rate	U.S. Rate
Annual	11,638	11,049	589	5.10%	5.00%	
January	11,820	11,251	569	4.80%	5.20%	5%
February	11,823	11,169	654	5.50%	5.40%	4.90%
March	11,880	11,291	589	5.00%	4.80%	4.50%
April	11,676	11,185	491	4.20%	4.40%	4.30%
May	11,618	11,077	541	4.70%	4.40%	4.30%
June	11,899	11,214	685	5.80%	5.40%	4.70%
July	11,603	10,963	640	5.50%	5.30%	4.90%
August	11,169	10,576	593	5.30%	5.20%	4.60%
September	11,511	10,937	574	5.00%	5.10%	4.50%
October	11,604	11,031	573	4.90%	5.10%	4.40%
November	11,555	10,997	558	4.80%	4.90%	4.50%
December	11,499	10,894	605	5.30%	5.20%	4.80%

U.S. Department of Labor Statistics

## LEHD Quarterly Workforce Indicators - 3rd Quarter 2006

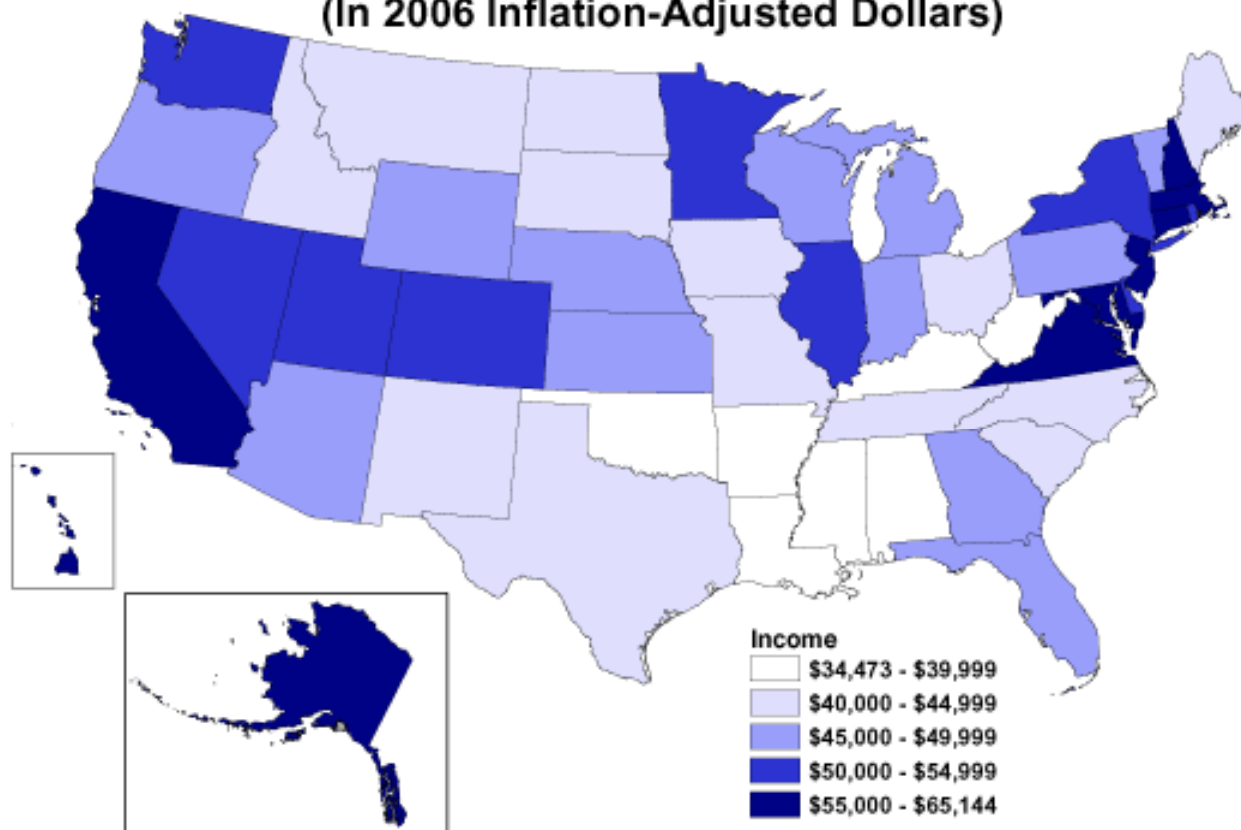
QWI Quick Facts	Saline (Q3)	Saline (Avg:Selected + 3 Prior qtrs)	Missouri (Q3)	Missouri (Avg:Selected + 3 Prior qtrs)
Total_Employment	9,645	9,742	2,623,407	2,618,715
Net_Job_Flows	-330	-42	-46,666	1,804
Job_Creation	223	370	100,303	121,497
New_Hires	1,301	1,267	481,355	448,082
Separations	1,806	1,523	581,160	512,923
Turnover	8.60%	8.10%	10.60%	10.00%
Avg_Monthly_Earnings	\$2,431.00	\$2,449.25	\$3,040.00	\$3,126.00
Avg_New_Hire_Earnings	\$1,509.00	\$1,519.25	\$1,909.00	\$1,893.00



# ***Economic Trends***

- Economic share
- Employment
- ***Income and Poverty***

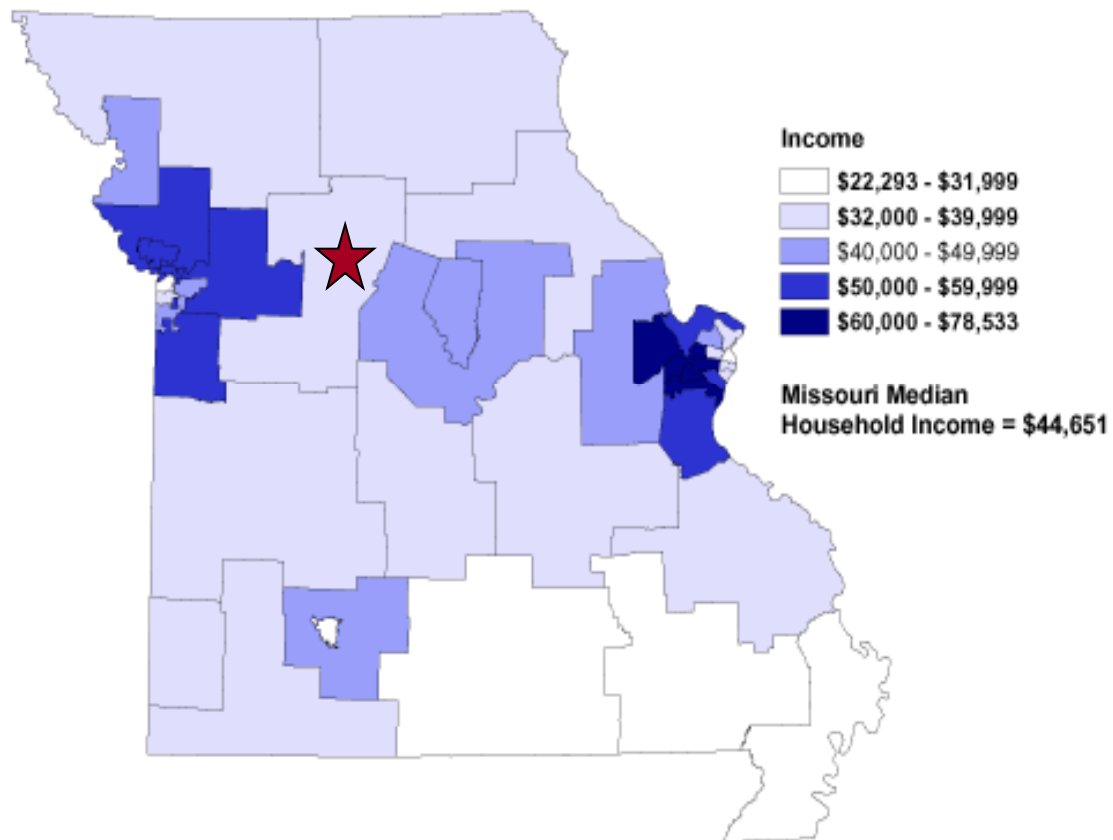
## Median Household Income by State, 2006 (In 2006 Inflation-Adjusted Dollars)



**U.S. Median Household Income = \$48,451**

Source: U.S. Census Bureau, 2006 American Community Survey  
 Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis - (OSEDA)  
 Map Generated 3 Sep 2007

## Median Household Income by PUMA, 2006 (In 2006 Inflation-Adjusted Dollars)



Source: U.S. Census Bureau, 2006 American Community Survey  
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDa)  
Map Generated: 5 Sep 2007

# Saline County Family Wage Estimation

Scenario: Two working adults, a preschooler, & school-aged child with employee-provided health insurance

<b>Wages Required</b>		
<b>Insurance Status</b>	<b>Hourly</b>	<b>Monthly</b>
<b>Insured</b>	\$7.98	\$2,764.87
<b>Uninsured</b>	\$10.35	\$3,588.37

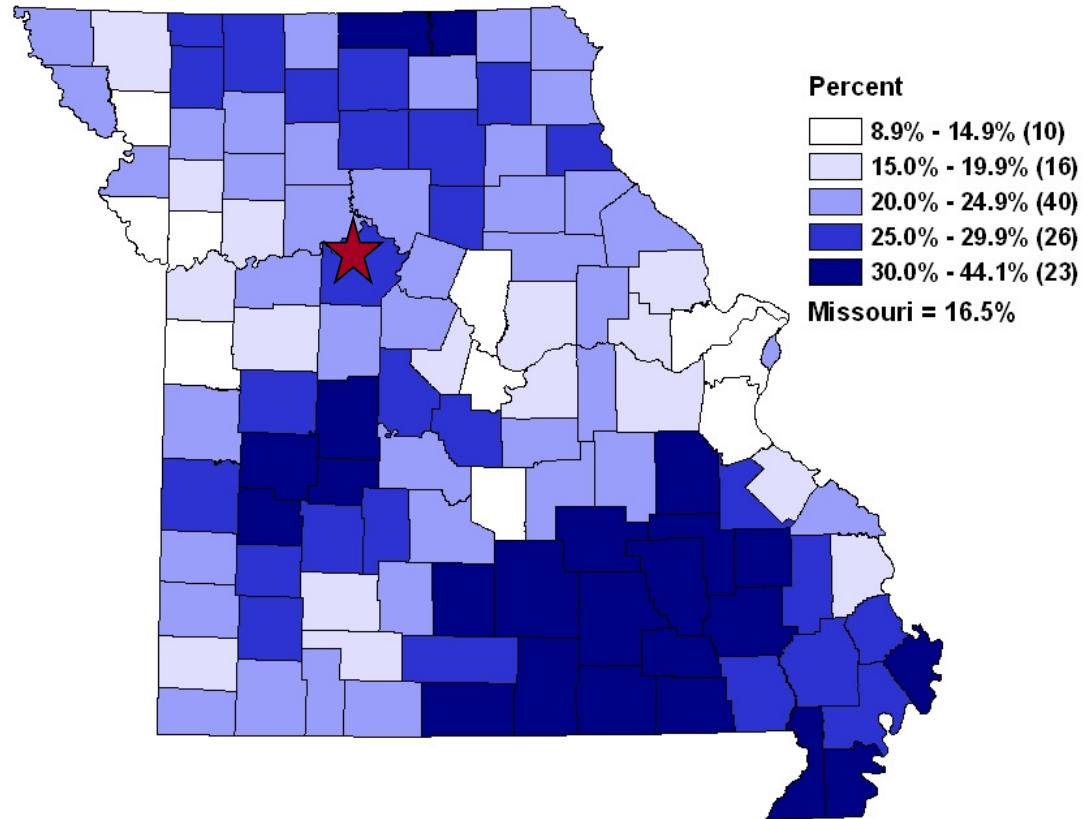
  

<b>Cost Component</b>		
<b>Household Expenses</b>	<b>Insured</b>	<b>Uninsured</b>
<b>Childcare</b>	\$6,711.22	\$6,711.22
<b>Food</b>	\$7,225.80	\$7,225.80
<b>Housing</b>	\$5,544.00	\$5,544.00
<b>Medical</b>	\$3,159.63	\$11,344.00
<b>Telephone</b>	\$340.00	\$340.00
<b>Transportation</b>	\$4,409.65	\$4,409.65

<http://apps.oseda.missouri.edu/familywagecalc/Default.aspx>

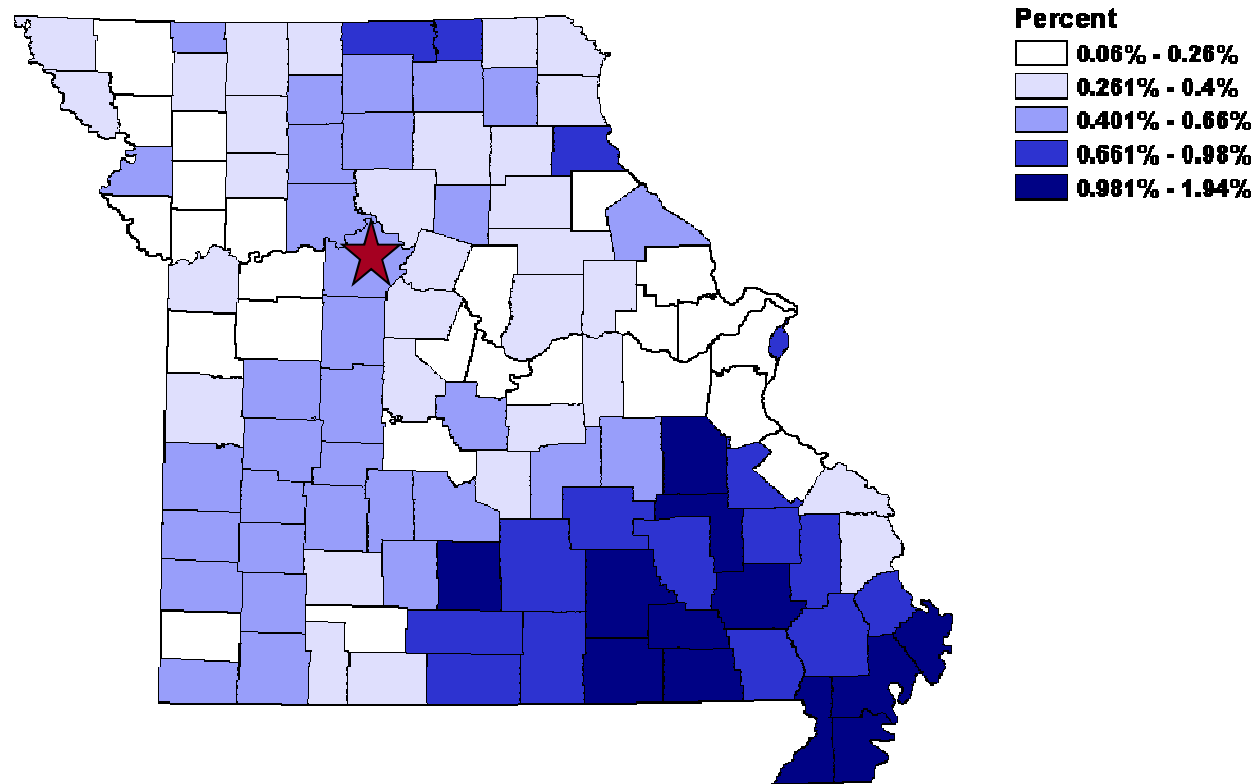


## Transfer Payments as Percent of Total Personal Income 2004



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

## Supplemental Security Income Payments as Percent of Total Personal Income 2005



Missouri Senior Report 2007  
Prepared by: Office of Social and Economic Data Analysis (OSED)A  
Source: Research & Evaluation, Missouri Department of Social Services  
Map Generated on 12.2.2007

For additional information ..... **Google OSEDA**

**OSEDA** Office of Social and Economic Data Analysis  
Transforming Data into Information

**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.

**Percent Change in Missouri Population by County, 2000 - 2006**

Percent Change	Count
-5.2% - 0.0%	(35)
0.1% - 4.9%	(82)
5.0% - 9.9%	(24)
10.0% - 29.9%	(10)
<b>Missouri = 4.4%</b>	
<b>U.S. = 6.4%</b>	

**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 order to build momentum and visibility.



# ***The State of Saline County***

**Slater, MO  
April 24, 2008**

**Tracy Greever-Rice, Associate Director  
Office of Social & Economic Data Analysis (OSEDA)  
University of Missouri—Columbia**