



Demographic Trends in Missouri

Missouri Library Planning Group

Osage Beach

May 9, 2007

**Bill Elder, Director
Office of Social & Economic Data Analysis
University of Missouri--Columbia**

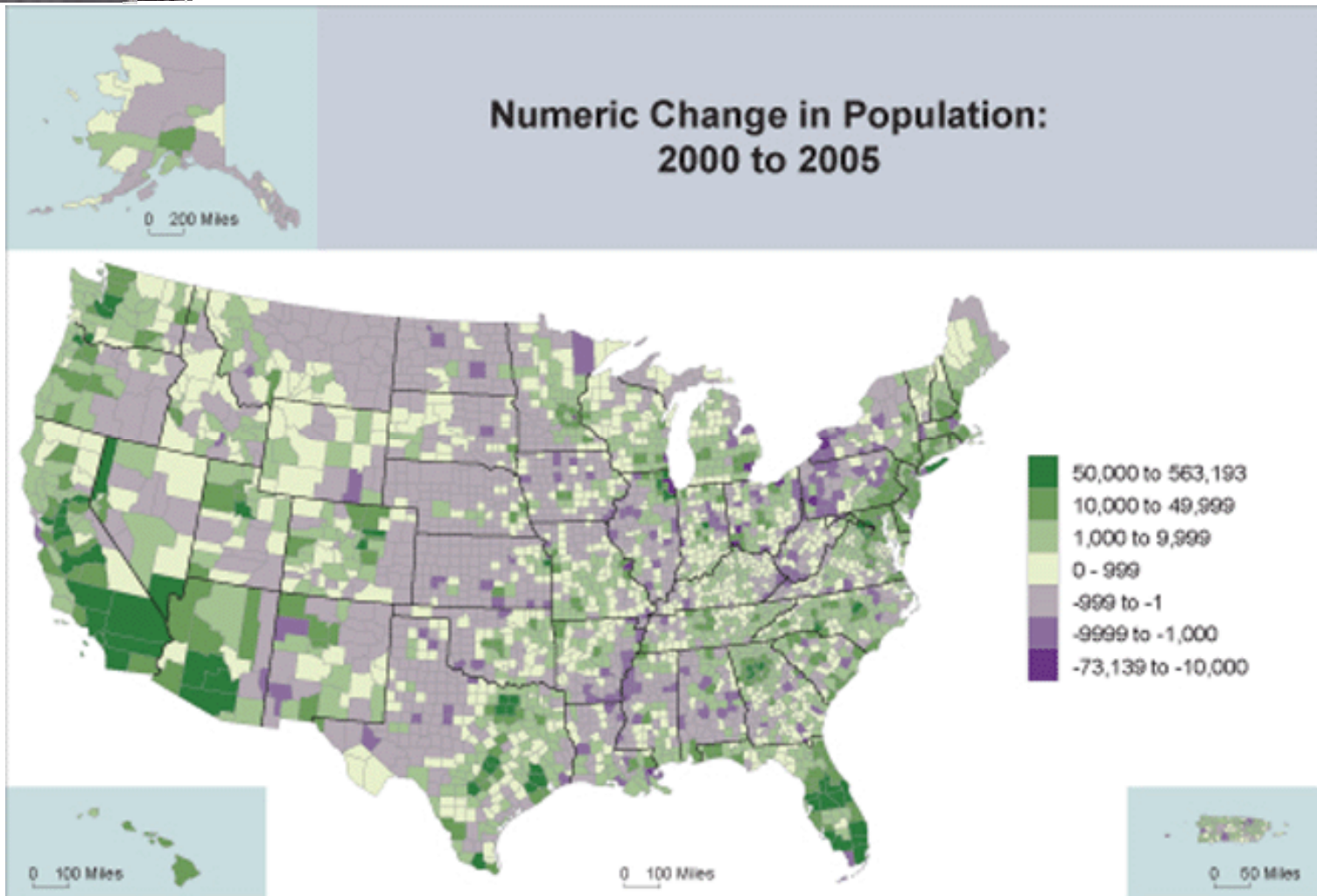


Overview

- Big Trends – growth, economy, aging, immigration
- Emerging Characteristics in Missouri
 - Demographics
 - Economic Trends
 - Aging
 - Immigration
- New Forms of Information (ACS)
- Discussion

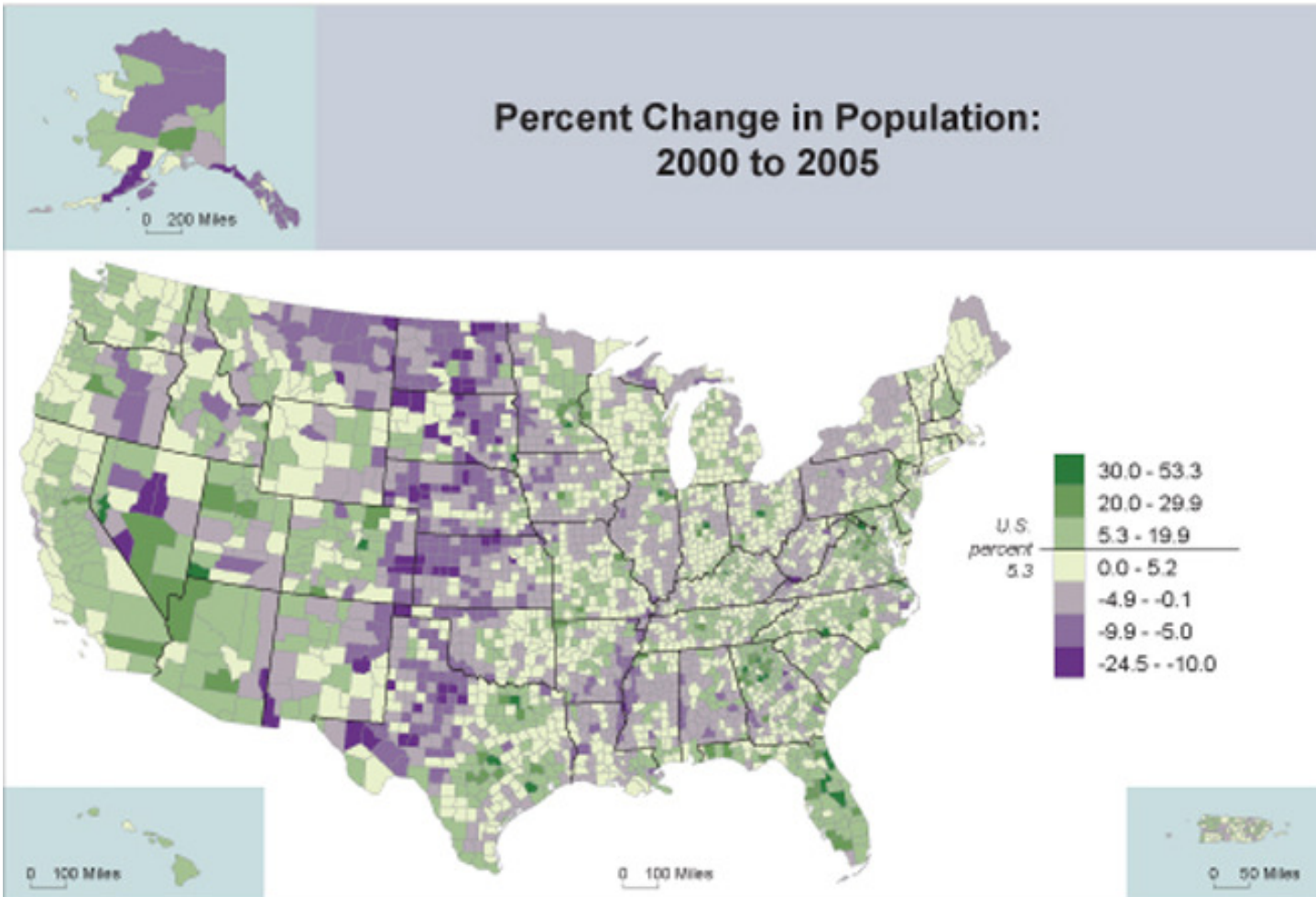
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Numeric Change in Population: 2000 to 2005



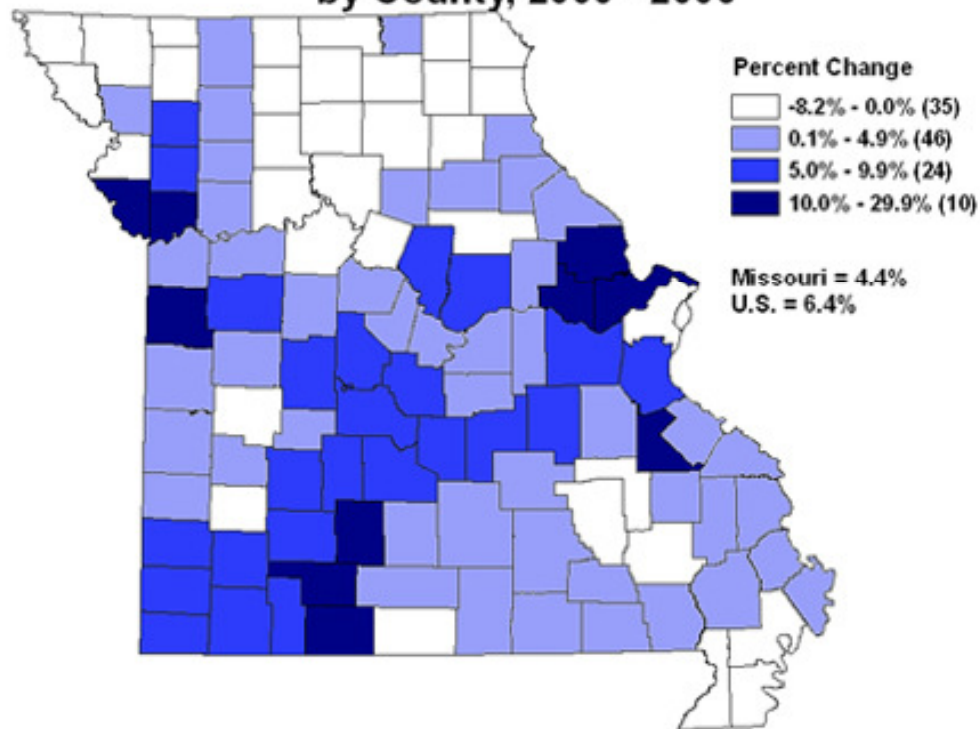
Source: U.S. Census Bureau Population Estimates Program

Percent Change in Population: 2000 to 2005



Source: U.S. Census Bureau Population Estimates Program

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



America's Perfect Storm

Three Forces Changing Our Nation's Future



Educational Testing Service

www.ets.org



America's Perfect Storm

Three Forces Changing Our Nation's Future

- Divergent skill distributions
- The changing economy
- Demographic shifts



America's Perfect Storm

Three Forces Changing Our Nation's Future

- Divergent skill distributions
 - Flat NAEP scores
 - High school graduation slacking
 - Poor literacy and numeracy 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 (1984-2000) was 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 – its here now
 - Dependence on International migration
 - Increasing Hispanic population
 - Latino's have lowest levels of educational attainment – more than 50% without H.S.



STATE NEW ECONOMY INDEX

Is the Lake Area part of
the “*New Economy?*”

BENCHMARKING

ECONOMIC

TRANSFORMATION

Table 1: The New and Old Economies¹²

Issue	Old	New
Markets	Stable	Dynamic
Scope of competition	National	Global
Organizational form	Hierarchical	Networked
Production system	Mass production	Flexible production
Key factor of production	Capital/labor	Innovation/ideas
Key technology driver	Mechanization	Digitization
Competitive advantage	Economies of scale	Innovation/quality
Relations between firms	Go it alone	Collaborative
Skills	Job-specific	Broad and changing
Workforce	Organization Man	"Intrapreneur" ¹³
Nature of employment	Secure	Risky

2007 Rank	2007 Score	State	1999 Rank	1999 Score	2002 Rank	2002 Score	Rank Change from 1999* 2002**	
1	96.1	Massachusetts	1	82.3	1	94.5	0	0
2	86.4	New Jersey	8	60.9	6	81.8	6	4
3	85.0	Maryland	11	59.2	5	83.0	8	2
4	84.6	Washington	4	69.0	4	86.1	0	0
5	82.9	California	2	74.3	2	90.1	-3	-3
6	81.8	Connecticut	5	64.9	7	78.8	-1	1
7	79.6	Delaware	9	59.9	9	76.4	2	2
8	79.5	Virginia	12	58.8	8	77.5	4	0
9	78.3	Colorado	3	72.3	3	86.2	-6	-6
10	77.4	New York	16	54.5	11	75.1	6	1
11	75.3	Minnesota	14	56.5	14	72.7	3	3
12	73.2	Utah	6	64.0	16	72.1	-6	4
13	71.1	New Hampshire	7	62.5	12	73.9	-6	-1
14	68.6	Texas	17	52.3	10	75.3	3	-4
15	68.6	Rhode Island	29	45.3	23	65.8	14	8
16	68.4	Illinois	22	48.4	19	68.5	6	3
17	66.8	Oregon	15	56.1	13	73.8	-2	-4
18	64.8	Georgia	25	46.6	18	69.3	7	0
19	64.7	Michigan	34	44.6	22	66.3	15	3
20	64.5	Vermont	18	51.9	26	63.1	-2	6
21	63.6	Pennsylvania	24	46.7	21	66.9	3	0
22	63.2	Arizona	10	59.2	15	72.2	-12	-7
23	63.2	Florida	20	50.8	17	70.3	-3	-6
24	62.8	Idaho	23	47.9	20	67.5	-1	-4
25	62.4	Alaska	13	57.7	39	55.6	-12	14

2007 Rank	2007 Score	State	1999 Rank	1999 Score	2002 Rank	2002 Score	Rank Change from 1999* 2002**	
26	60.2	North Carolina	30	45.2	24	63.9	4	-2
27	59.2	Nevada	21	49.0	31	59.2	-6	4
28	59.0	Nebraska	36	41.8	36	56.7	8	8
29	57.8	Ohio	33	44.8	27	61.7	4	-2
30	55.9	Wisconsin	32	44.9	37	56.5	2	7
31	55.8	Indiana	37	41.0	32	58.0	6	1
32	55.6	Maine	28	45.6	29	61.2	-4	-3
33	53.7	New Mexico	19	51.4	25	63.2	-14	-8
34	53.6	Kansas	27	45.8	30	59.4	-7	-4
35	53.5	Missouri	35	44.2	28	61.3	0	-7
36	53.3	Tennessee	31	45.1	34	56.9	-5	-2
37	51.9	North Dakota	45	29.0	47	47.8	8	10
38	51.8	Iowa	42	33.5	40	54.1	4	2
39	51.5	South Carolina	38	39.7	35	56.9	-1	-4
40	51.4	Oklahoma	40	38.6	33	57.0	0	-7
41	50.9	Hawaii	26	46.1	38	56.3	-15	-3
42	49.5	Montana	46	29.0	41	52.9	4	-1
43	47.9	Wyoming	41	34.5	43	52.0	-2	0
44	45.9	Louisiana	47	28.2	44	51.7	3	0
45	45.3	Kentucky	39	39.4	42	52.3	-6	-3
46	45.1	Alabama	44	32.3	45	50.2	-2	-1
47	44.7	Arkansas	49	26.2	49	43.5	2	2
48	43.8	South Dakota	43	32.3	46	49.9	-5	-2
49	36.5	Mississippi	50	22.6	50	43.0	1	1
50	35.6	West Virginia	48	26.8	48	44.2	-2	-2

2007			1999		2002		
35	53.5	Missouri	35	44.2	28	61.3	0 -7



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

- *The World is Flat*
Thomas Friedman
- *Making Globalization Work*
Joseph Stiglitz
- *Diverse Opportunities & Challenges*

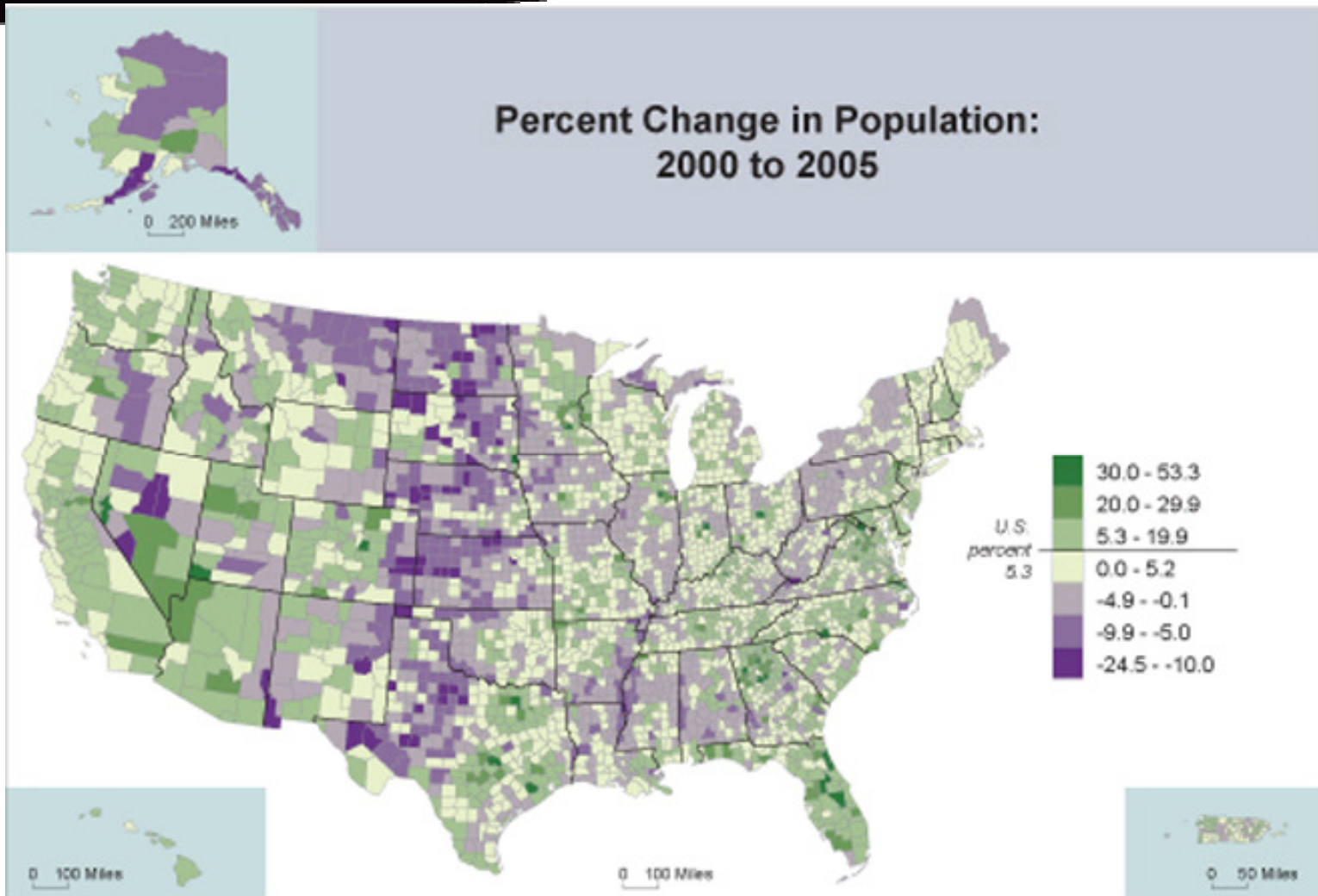


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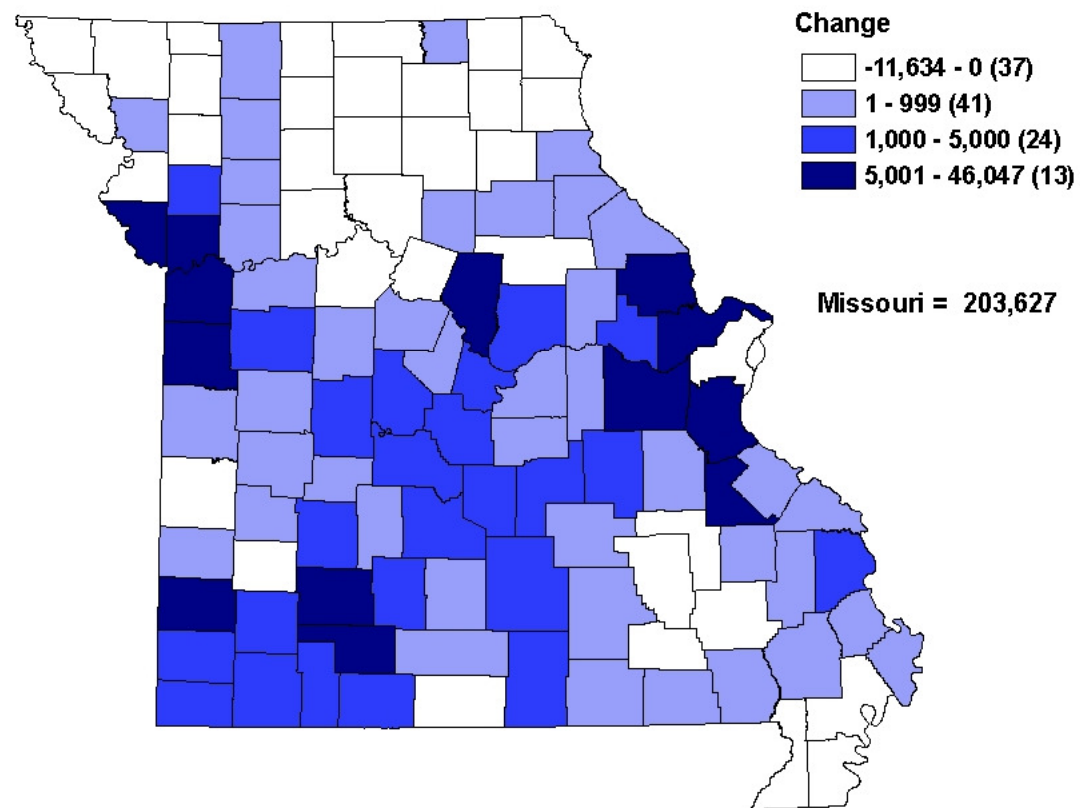
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Percent Change in Population: 2000 to 2005



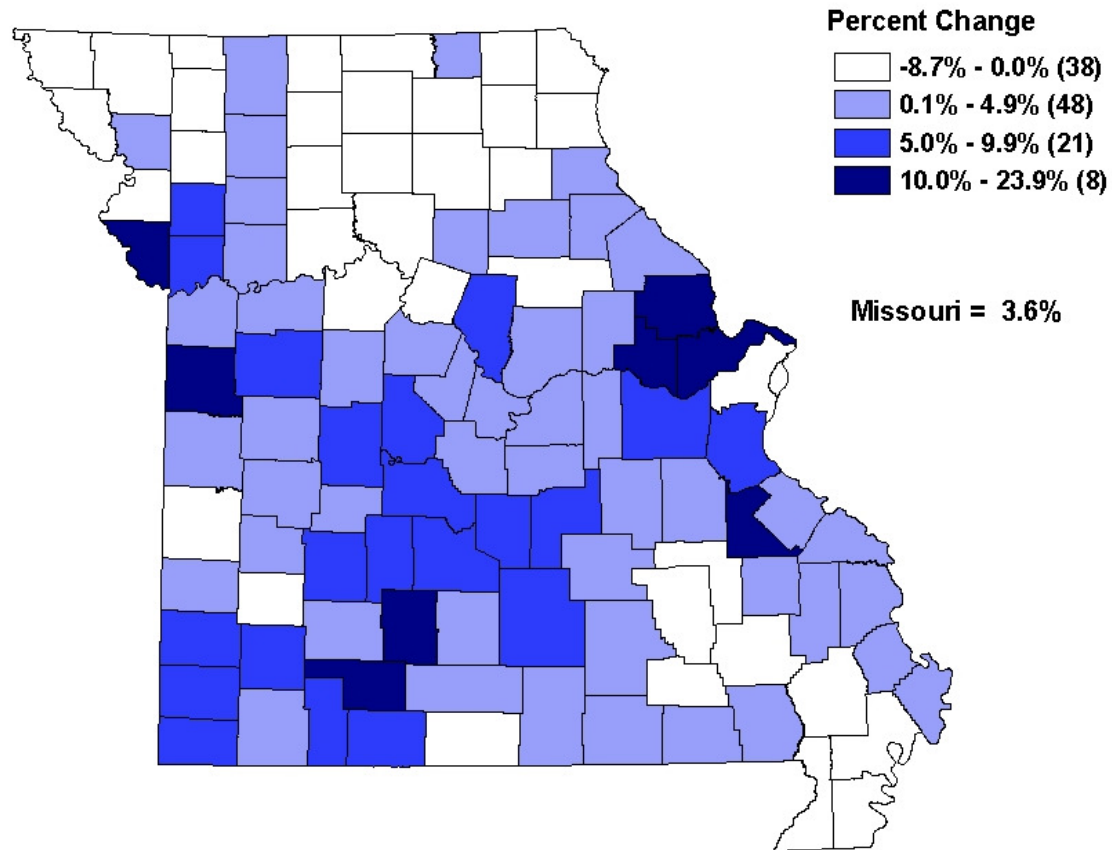
Source: U.S. Census Bureau Population Estimates Program

Change in Missouri Population by County, 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 29March2006

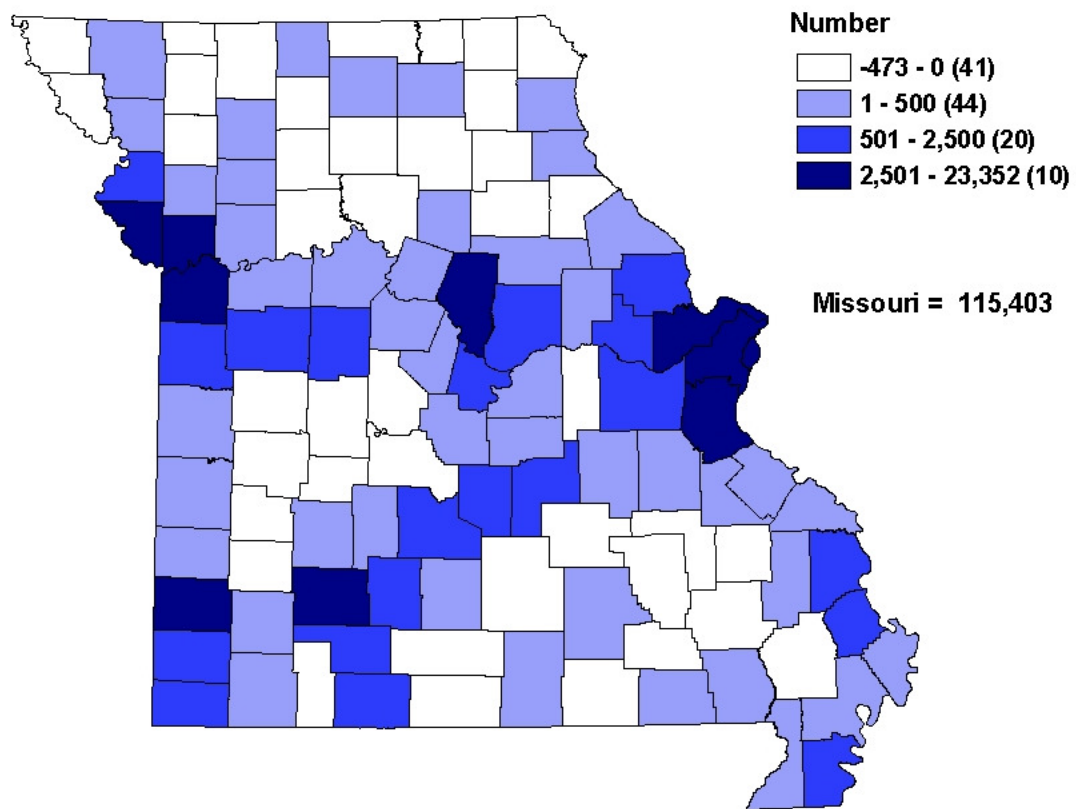
Percent Change in Missouri Population by County, 2000-2005



Source: USDC, Bureau of the Census, Federal State Cooperative for Population Estimates
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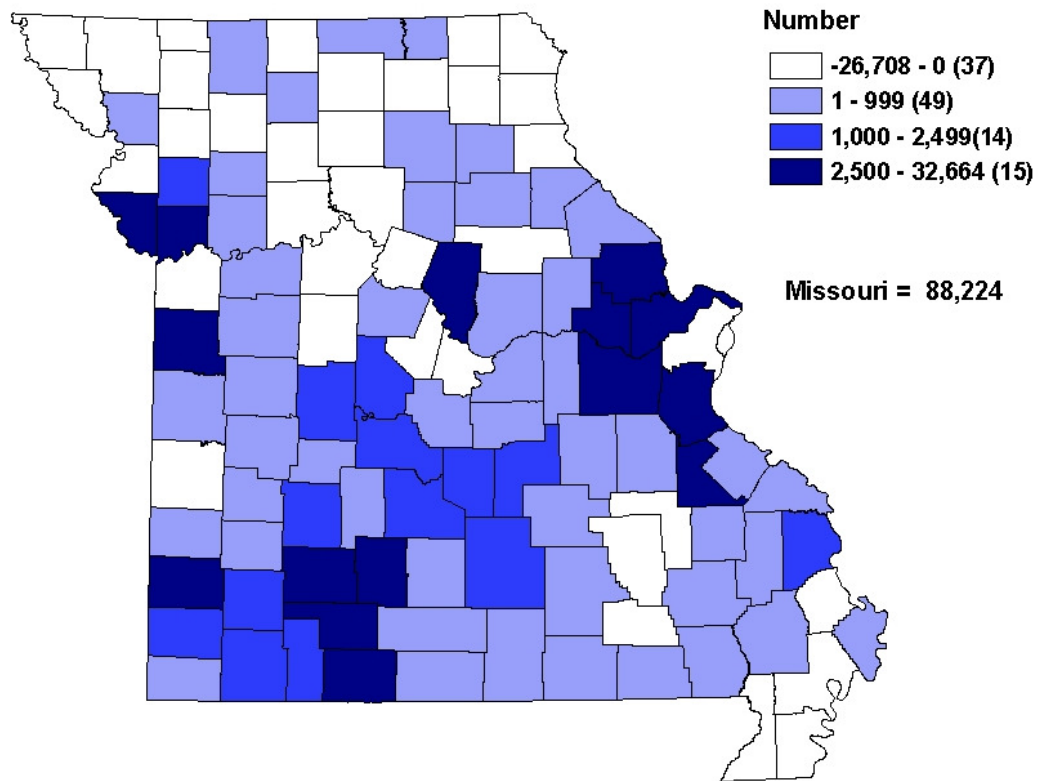
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Natural Increase of Missouri Population by County, 2000-2005



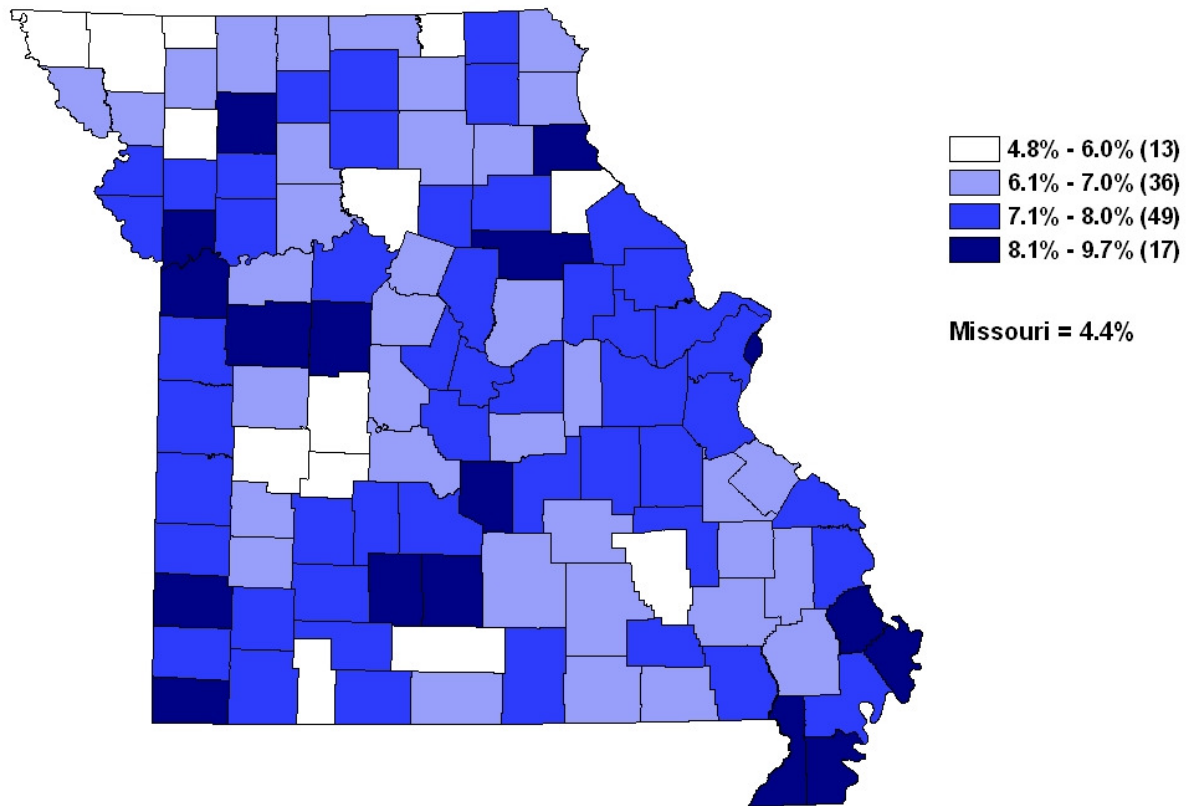
Source: USDC, Bureau of the Census, Federal State Cooperative for Population Estimates
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis - (OSEDA)
Map Generated on 29March2006

Net Migration of Missouri Population by County, 2000-2005



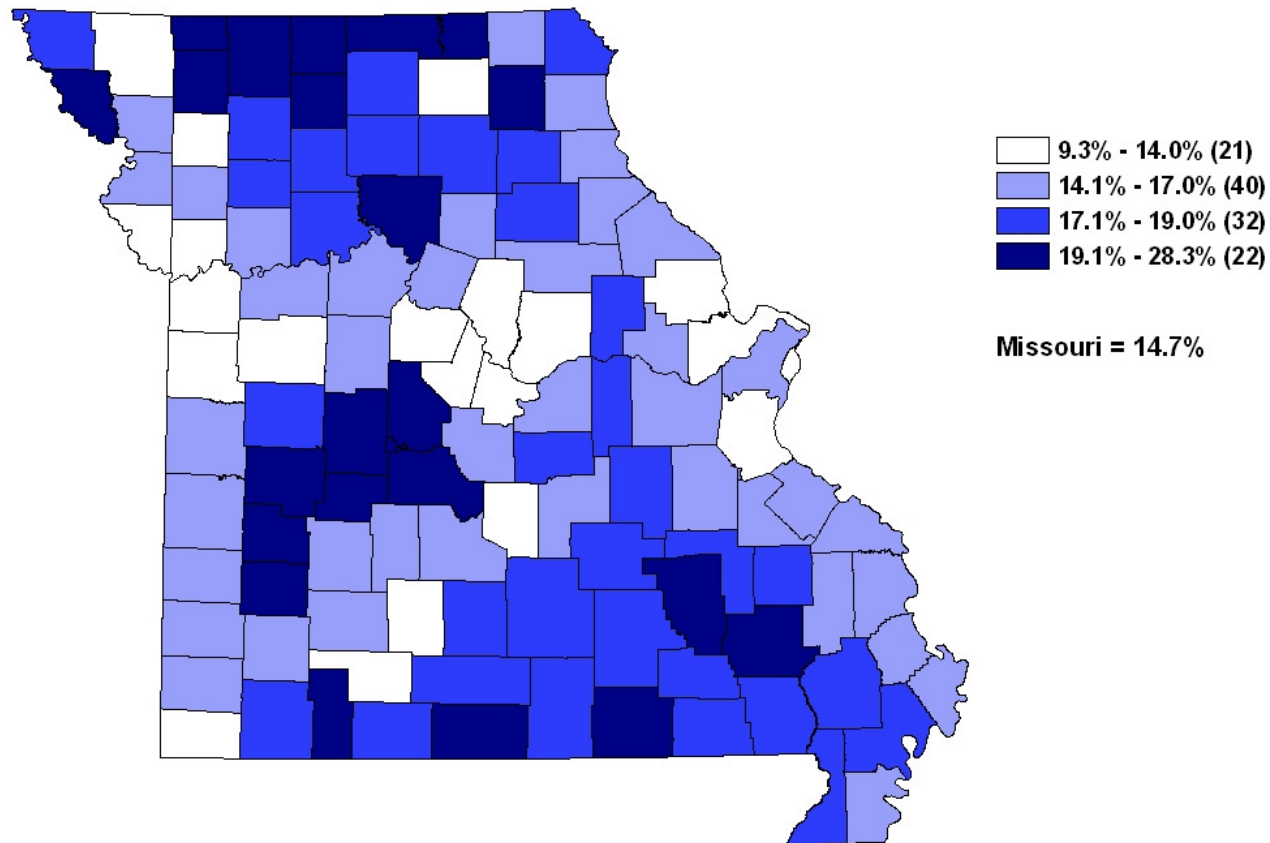
Source: USDC, Bureau of the Census, Federal State Cooperative for Population Estimates
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis - (OSEDA)
Map Generated on 29March2006

Population Under Age 6, 2005 As A Percent of Total



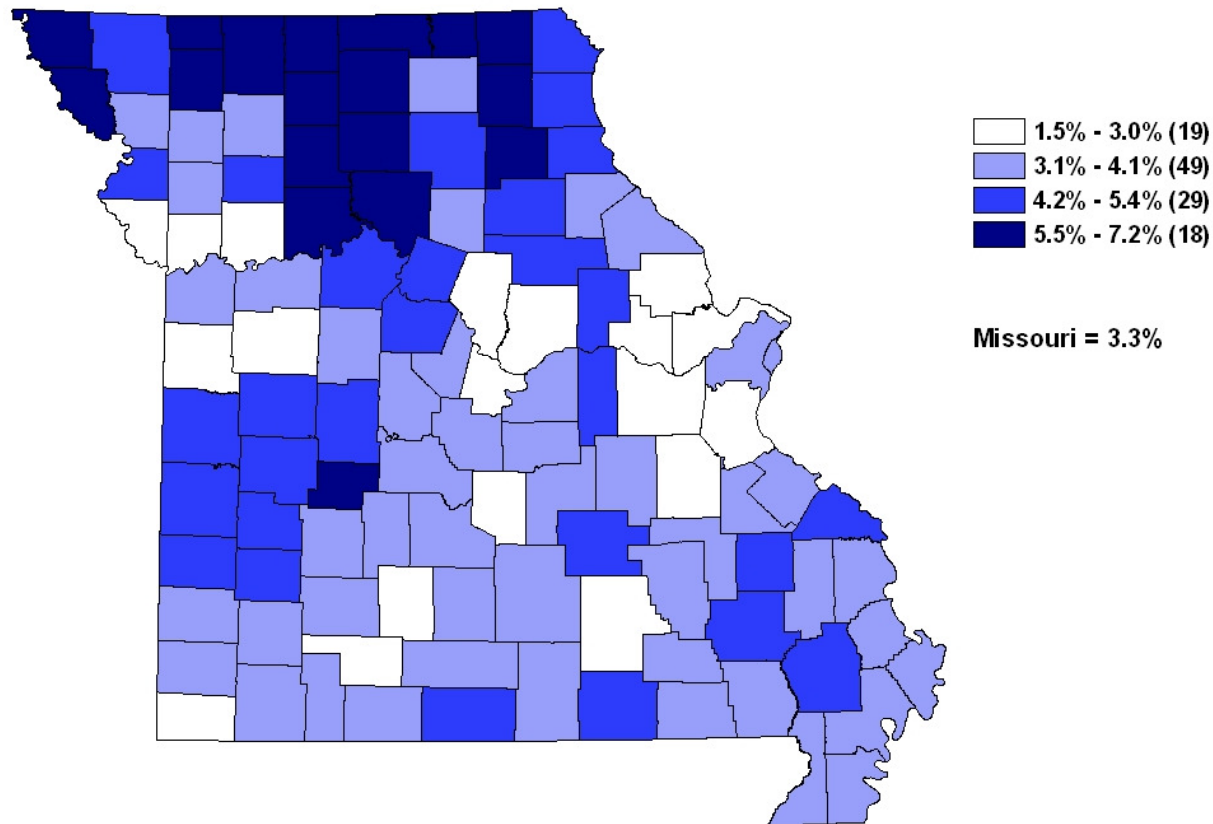
Source: National Center for Health Statistics and U.S. Bureau of the Census
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis - (OSEDA)
Map Generated on 24April2007

Population Age 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

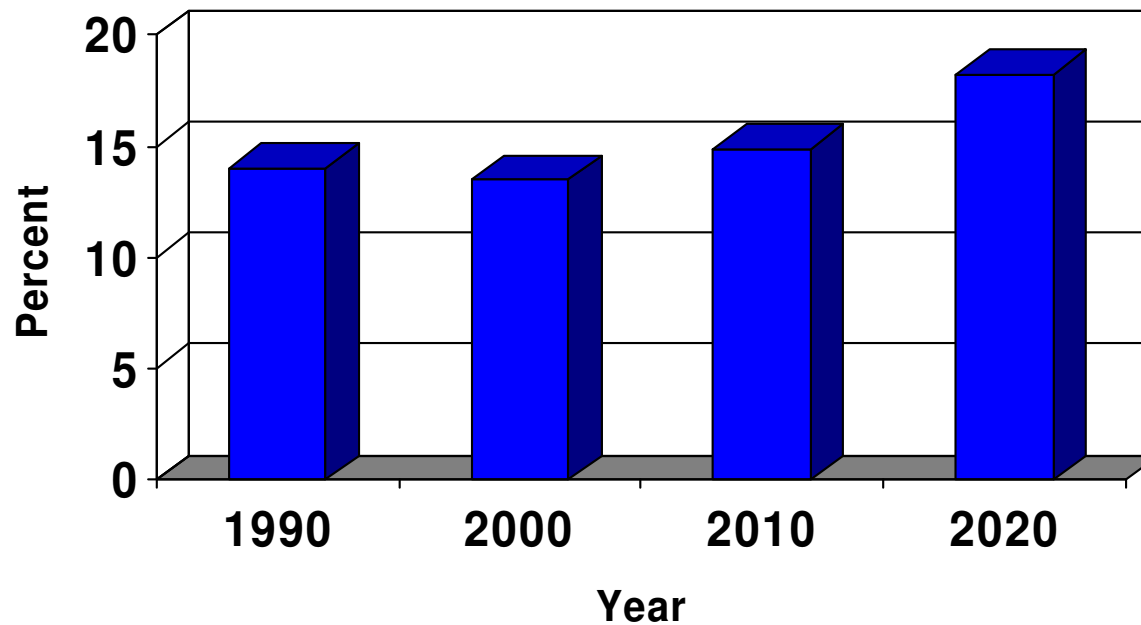
Population Age 81 Years and Older, 2005 As A Percent of Total



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

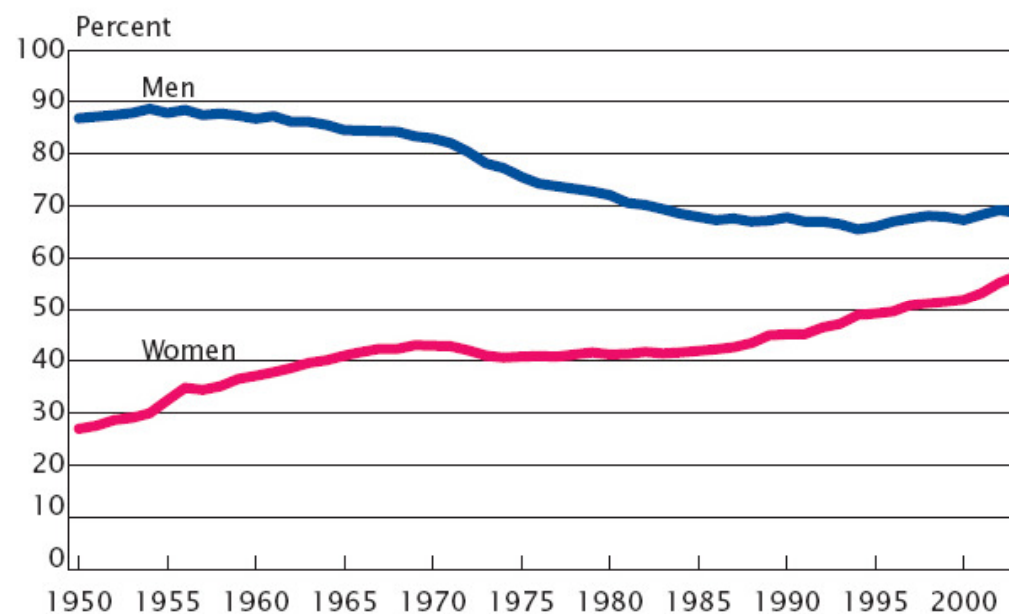


Percent Missouri Population Age 65+: 1990-2020



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

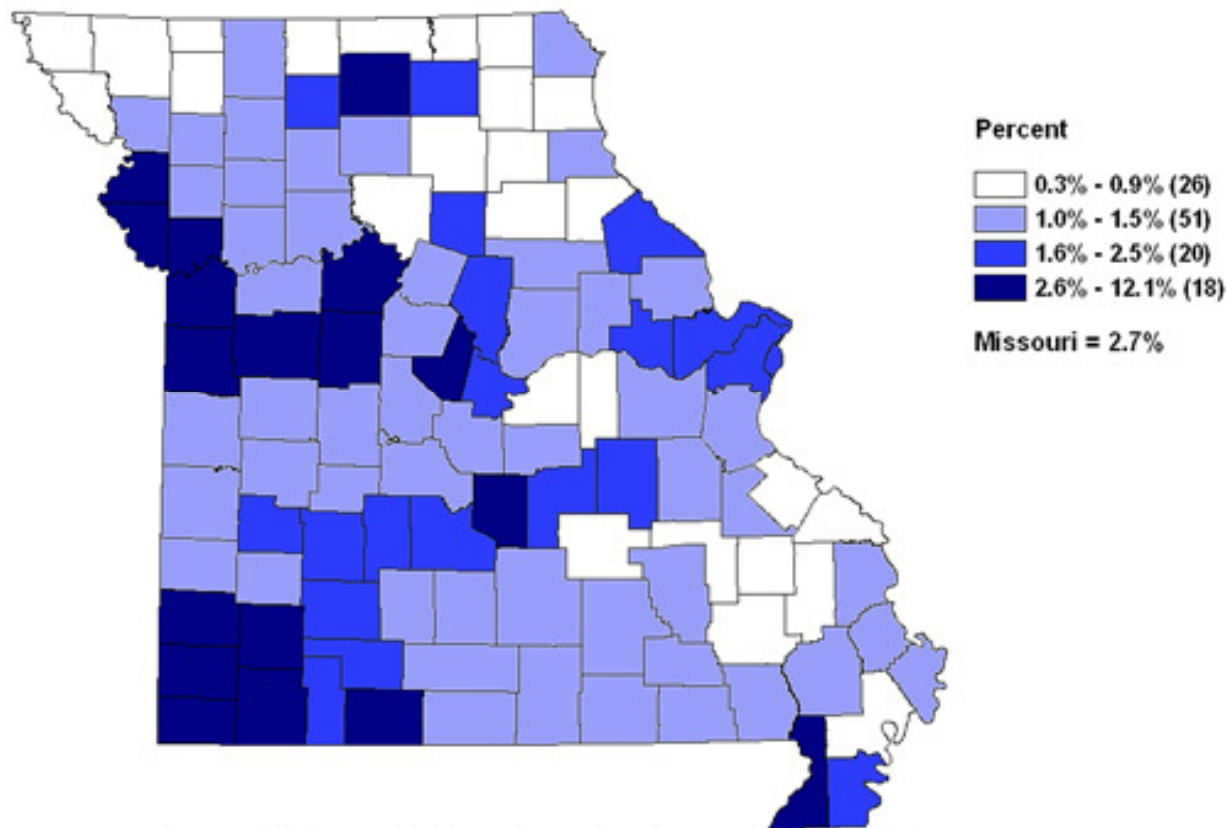
Figure 4-5.
**Labor Force Participation Rates for the Population
Aged 55 to 64 by Sex: 1950 to 2003**



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

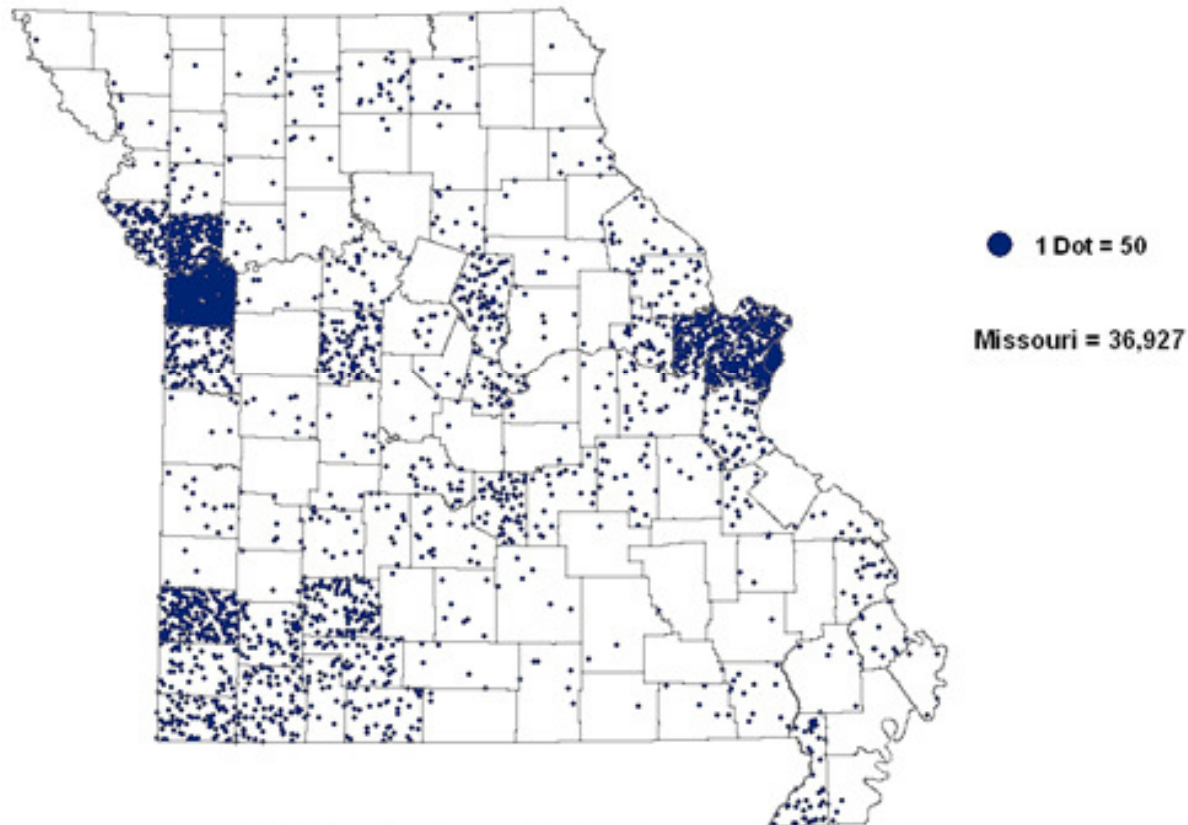
Source: Bureau of Labor Statistics, 2004c. For full citation, see references at end of chapter.

Hispanics as a Percent of Total Population, 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)A
Map Generated on 16April2007

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 16April2007



Enrollment Change From 1.4% to 2.8% in 5 years

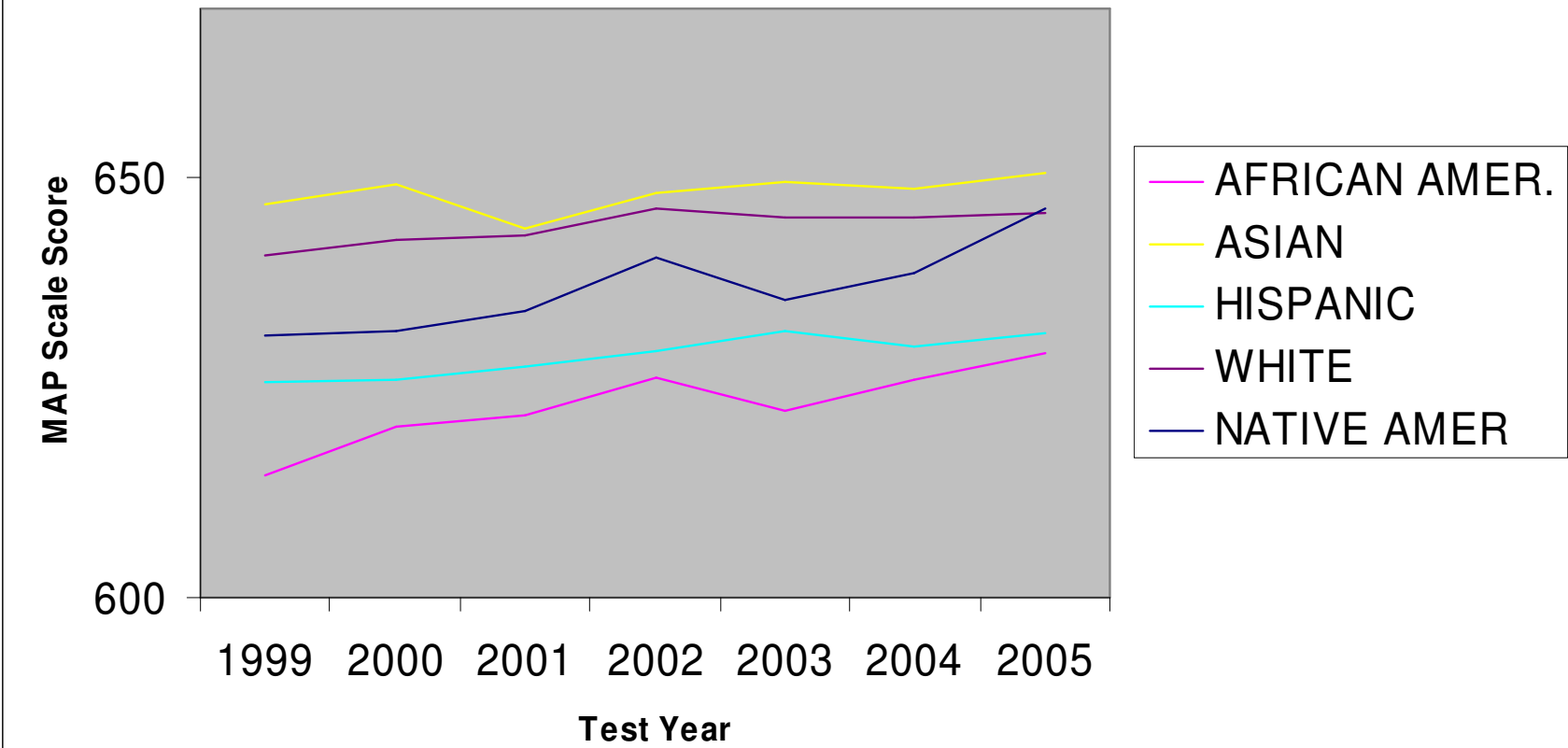
	1999	2005	Change	Pct Change
Total	896,910	894,855	-2,055	-0.2%
Hispanic	12,633	25,166	12,533	99.2%



Missouri Hispanic Student (25,166) Enrollment Characteristics

- **61 % of Hispanic students attend the 23 districts with at least 300 Hispanic students**
- **77 % of Hispanic students attend the 45 districts with at least 100 Hispanic students**
- **24 % of Hispanic students attend 2 districts**
- **10 of the top 23 districts are in the KC Metropolitan Area**

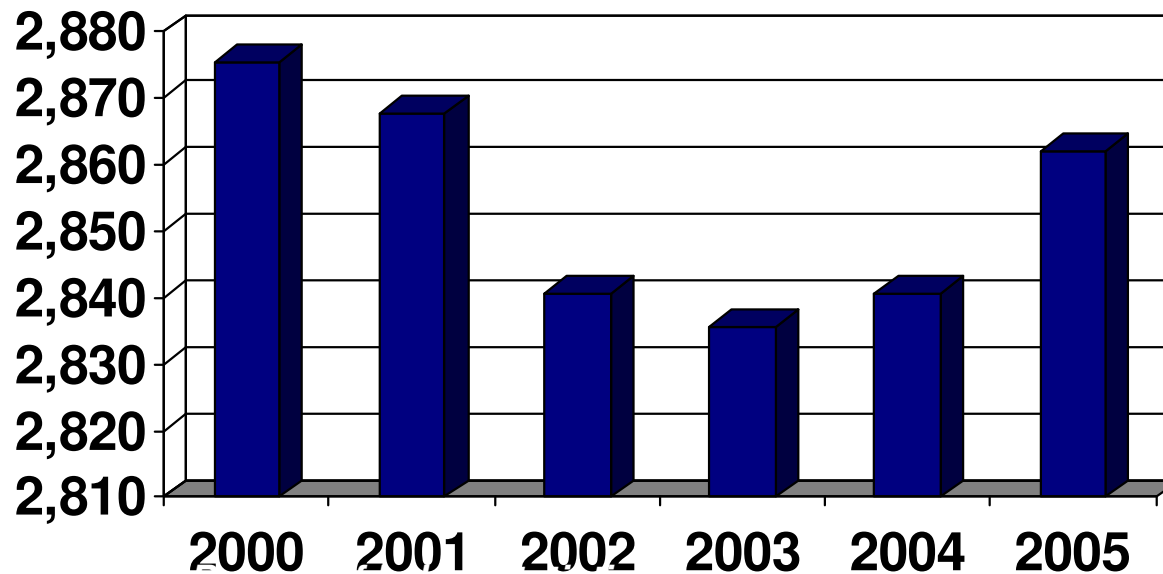
3rd Grade Comm Arts





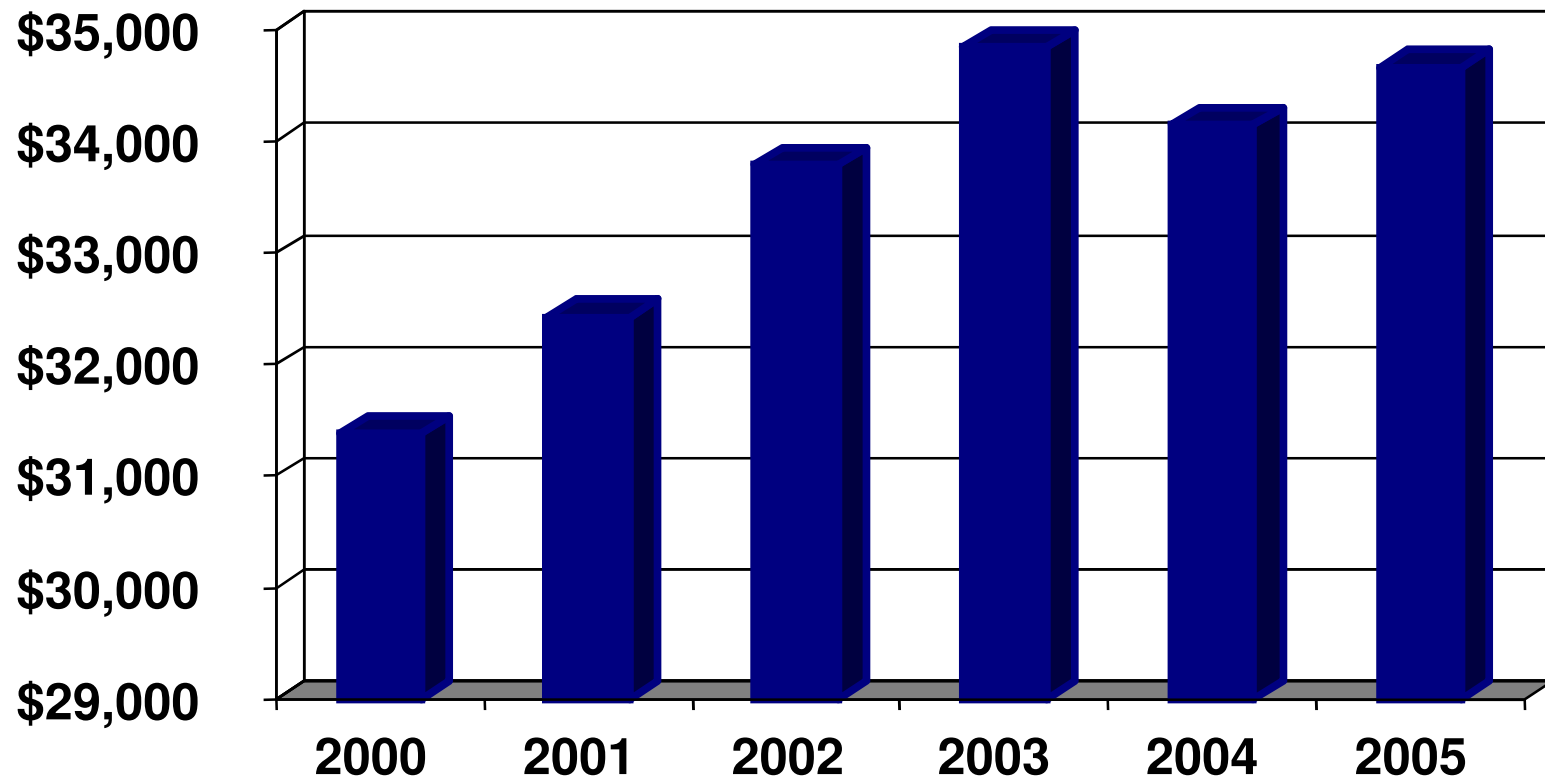
Missouri Annual Employment Trends, 2000-2005

Thousands



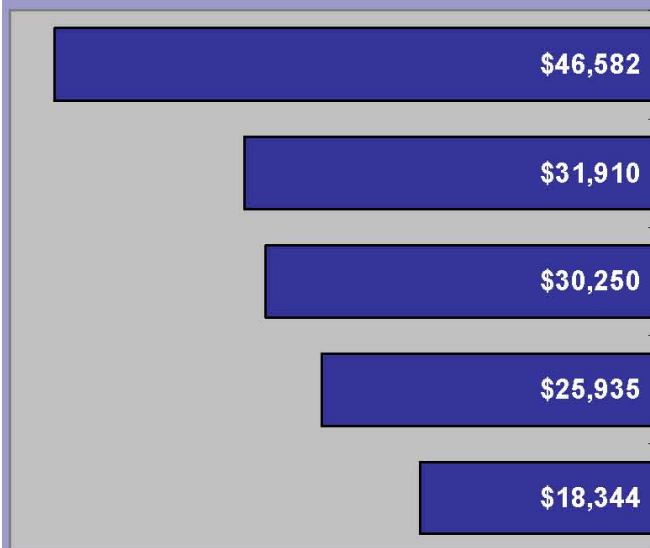


Average Annual Wages: Missouri, 2000-2005

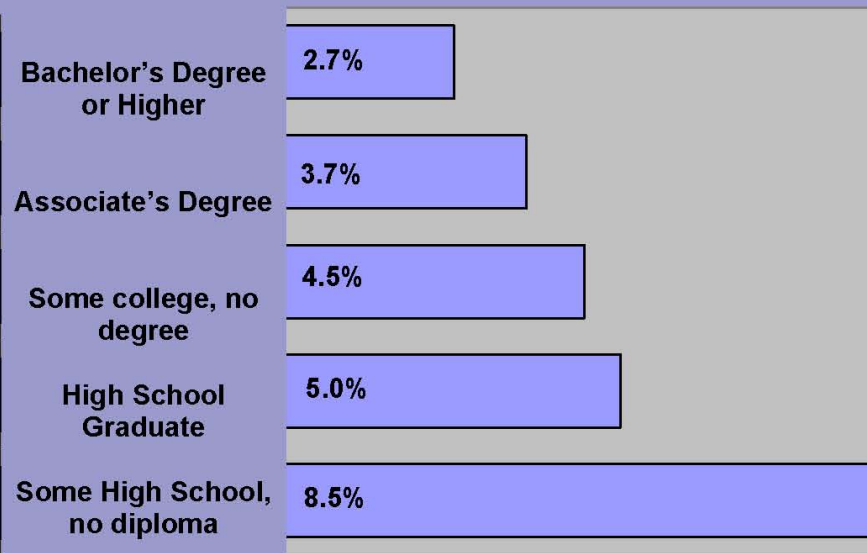


It Pays to Have an Education...

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.



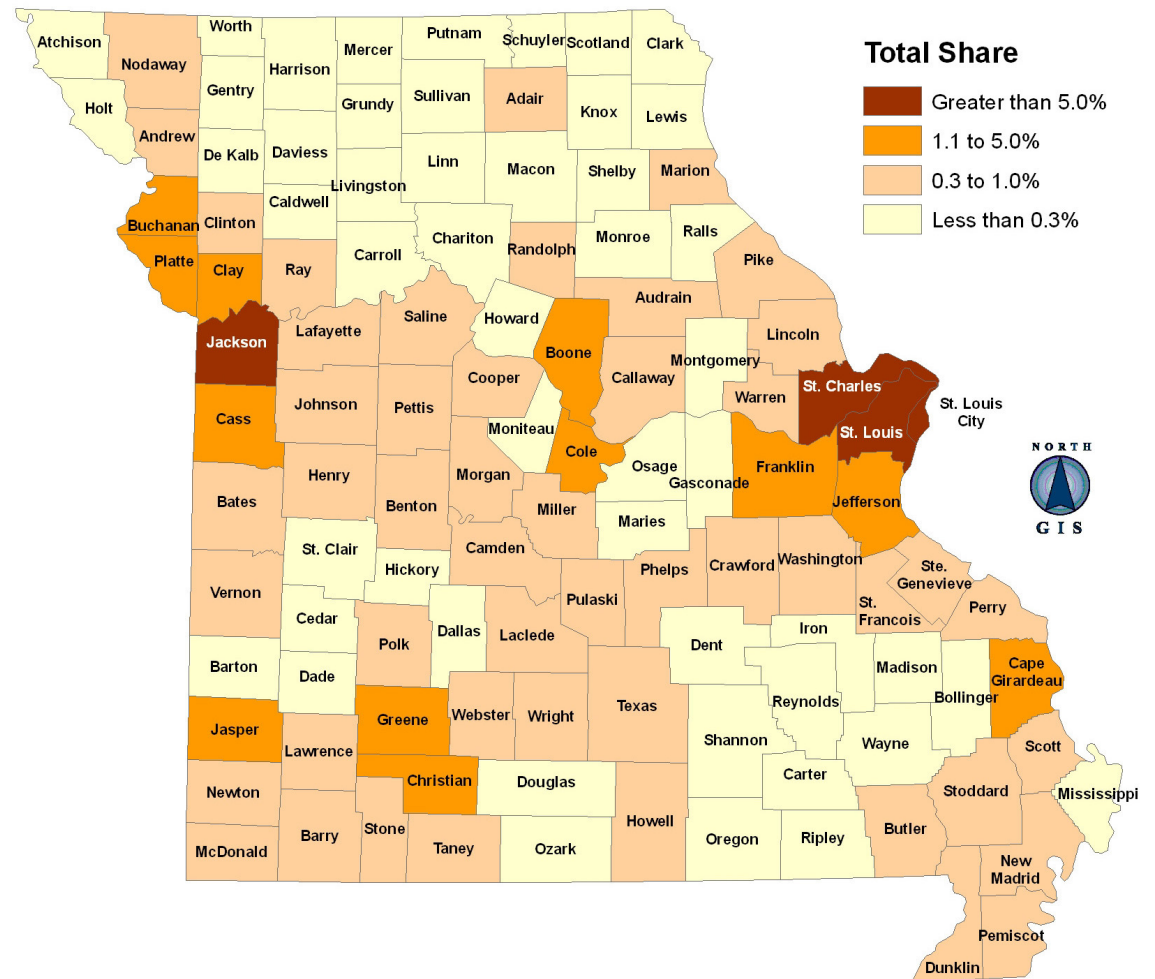
MO Department of Economic Development
301 W. High St. Harry S. Truman Bldg Room 580
PO BOX 3150 Jefferson City, MO 65102-3150

Phone: 573-751-3635
Fax: 573-751-7258
www.missourieconomy.org

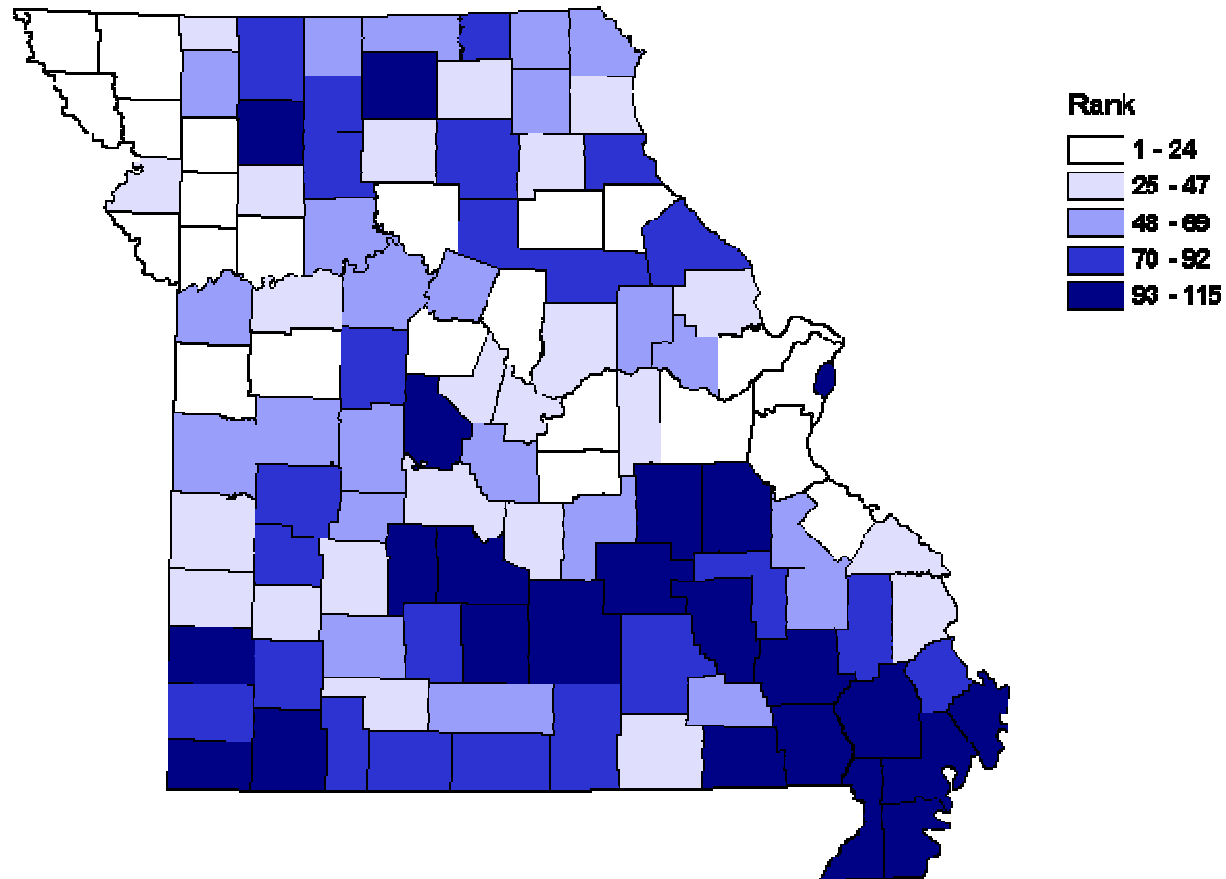
Economic Share

Economic Share in Missouri by County

St. Louis County (20.7%) and Jackson County (11.8%) together tally nearly one-third of the state's economy.

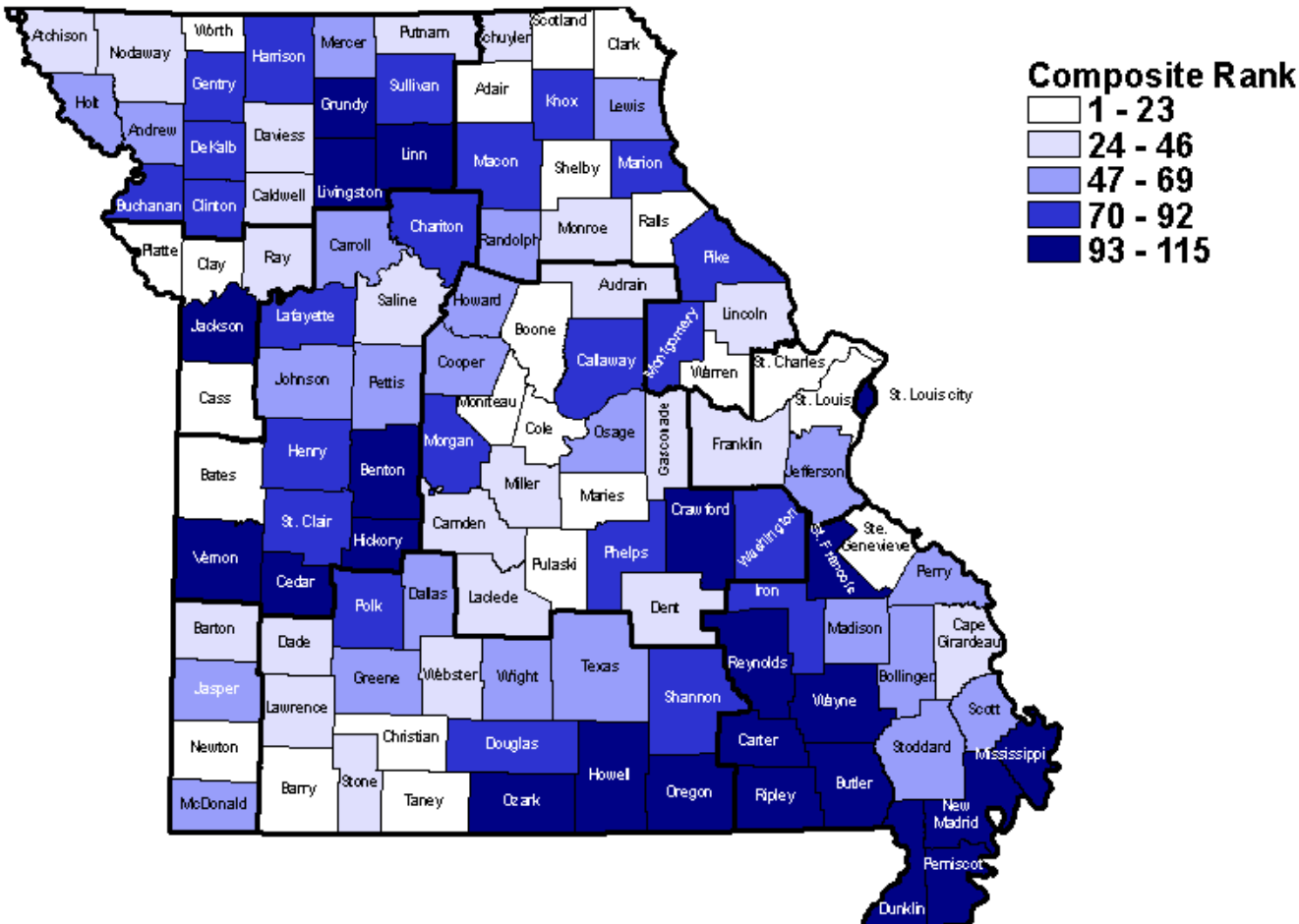


Composite County Kids Count Rank, 2006



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

Missouri Senior Report 2006



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



Percent of Missourians who are Cost Burdened for Housing, 2005

- Owners w/ Mortgage 26%
- Owners w/out Mortgage 11%
- Renters 41%

Cost burdened is 30% or more of household income for housing

Source: 2005 American Community Survey



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