

**CHART Partnership
Hannibal, MO**

**“Presentation to Hannibal CHART
Partnership”**

by

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September 15,2004



<http://www.oseda.missouri.edu>

“Livable communities don’t just happen.
They are created by the people who live in them.”

**We can no longer pretend
not to know...**

What we know

Collaboration

- ...No longer merely a tactic for improving employee morale
 - ..it has become
- ...the defining principle of organization in a global economy

Number of Missouri Local Governments by Type - States: 1997

	Missouri	U.S.	Missouri National Rank
All Governmental Units	3,416	87,453	6th
Counties	114	3,043	4th
Municipalities	944	19,372	5th
School Districts	537	13,726	9th
Special Districts	1,497	34,683	6th

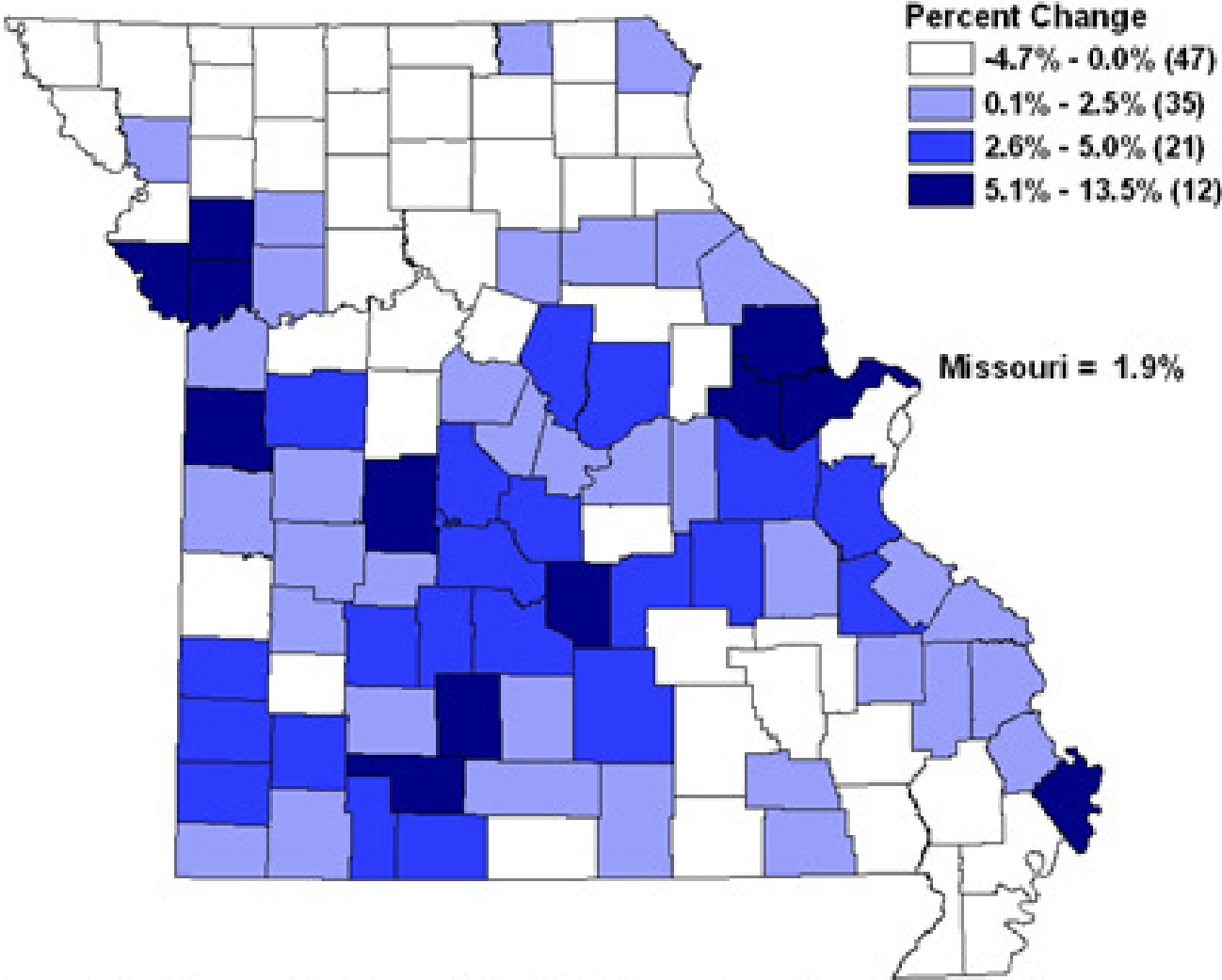
Source: U.S. Census Bureau, Statistical Abstract of the United States: 2000

Community Development can't travel very far on ignorance of the locality and how it operates.

The key to ***Rural Development*** is a more informed local leadership.

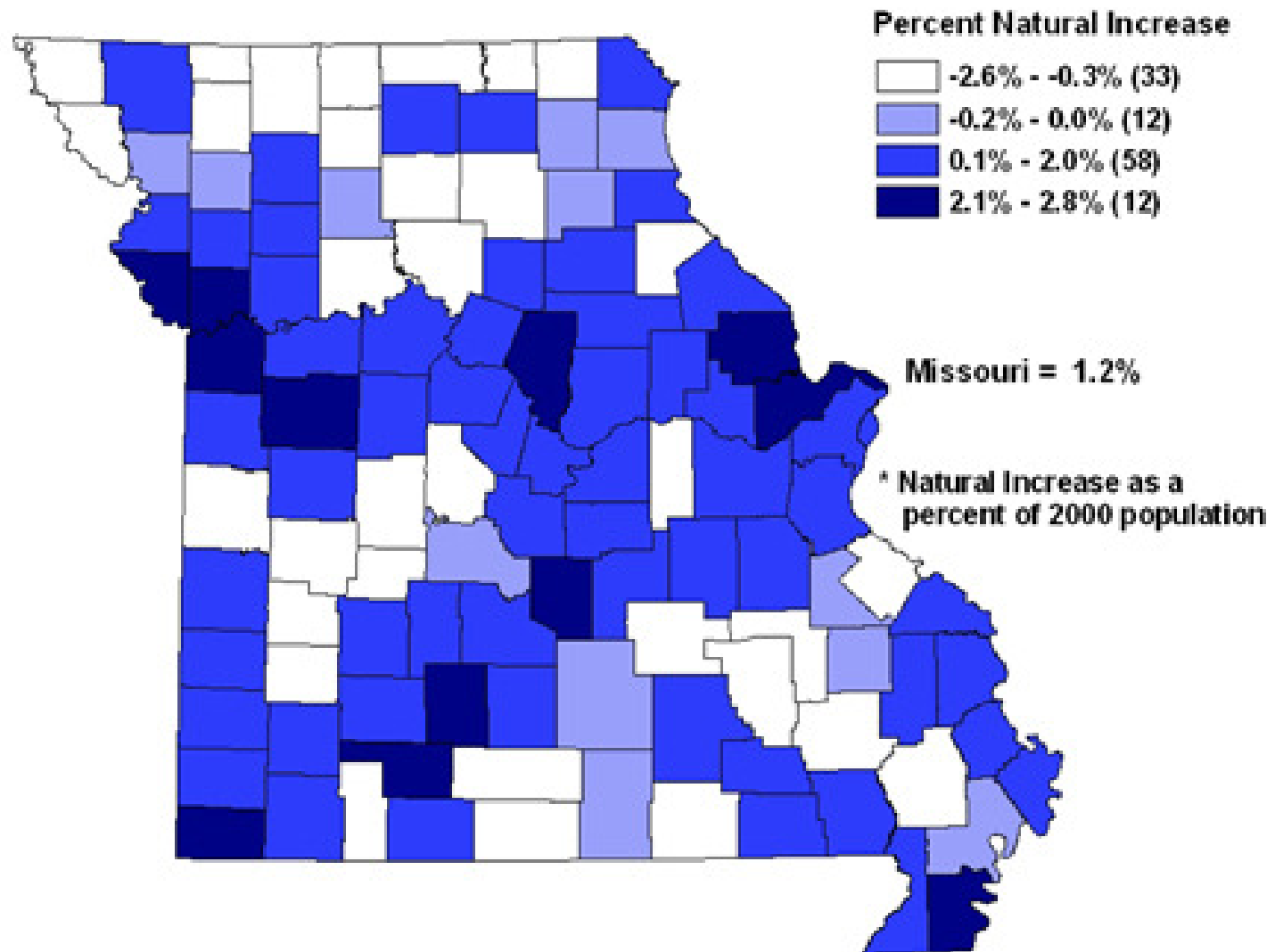
~Glen Pulver

Percent Change of the Population, by County, 2000-2003



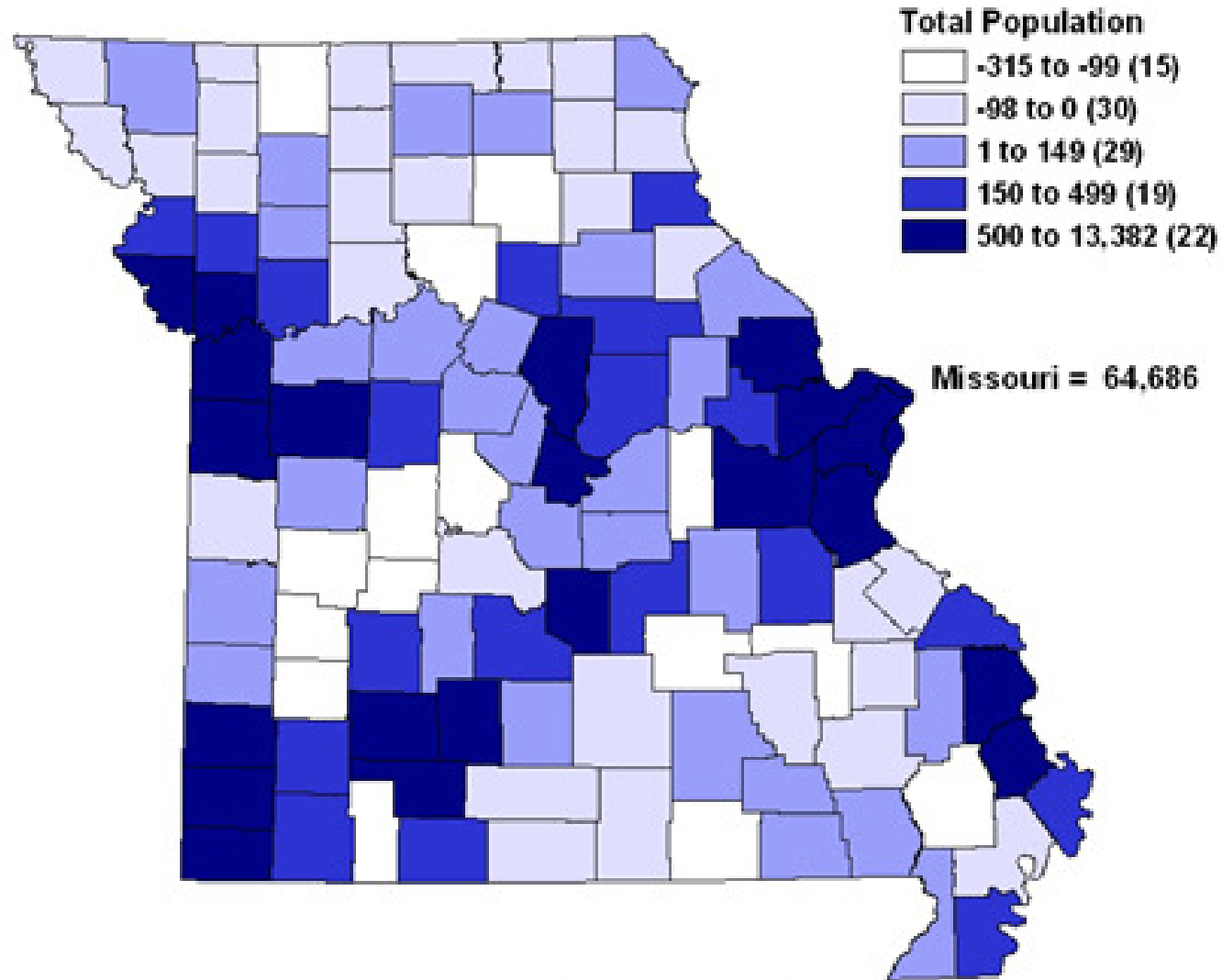
Source: USDC, Bureau of the Census, Federal State Cooperative for Population Estimates
Prepared by: University of Missouri Extension, Office of Social and Economic Data Analysis - (OSEDA)
Map Generated on 04.14.2004

Percent Natural Increase* in Missouri, by County 2000-2003



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 04.14.2004

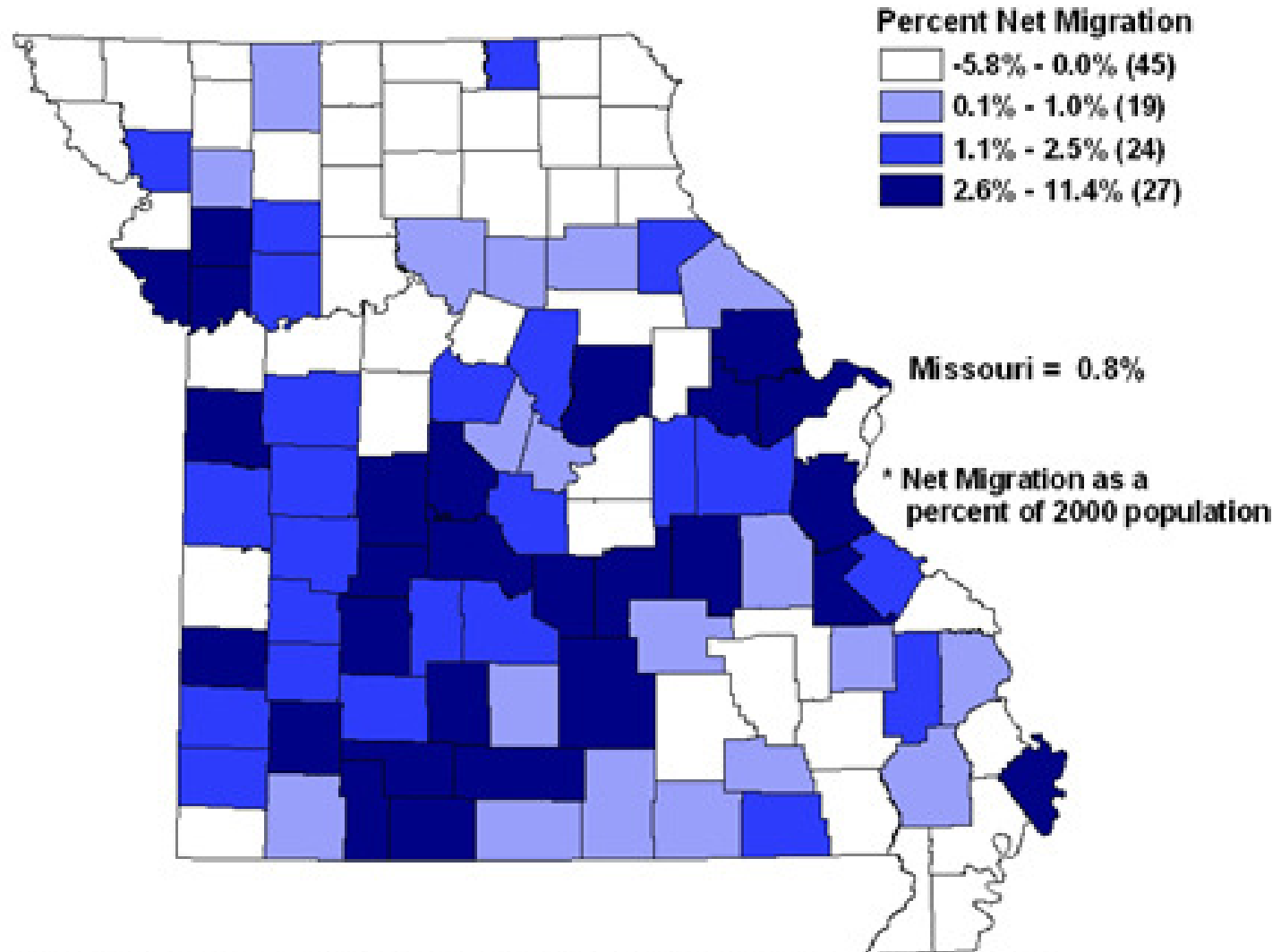
Natural Increase in Total Population in Missouri, by County 2000-2003



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 04.15.2004

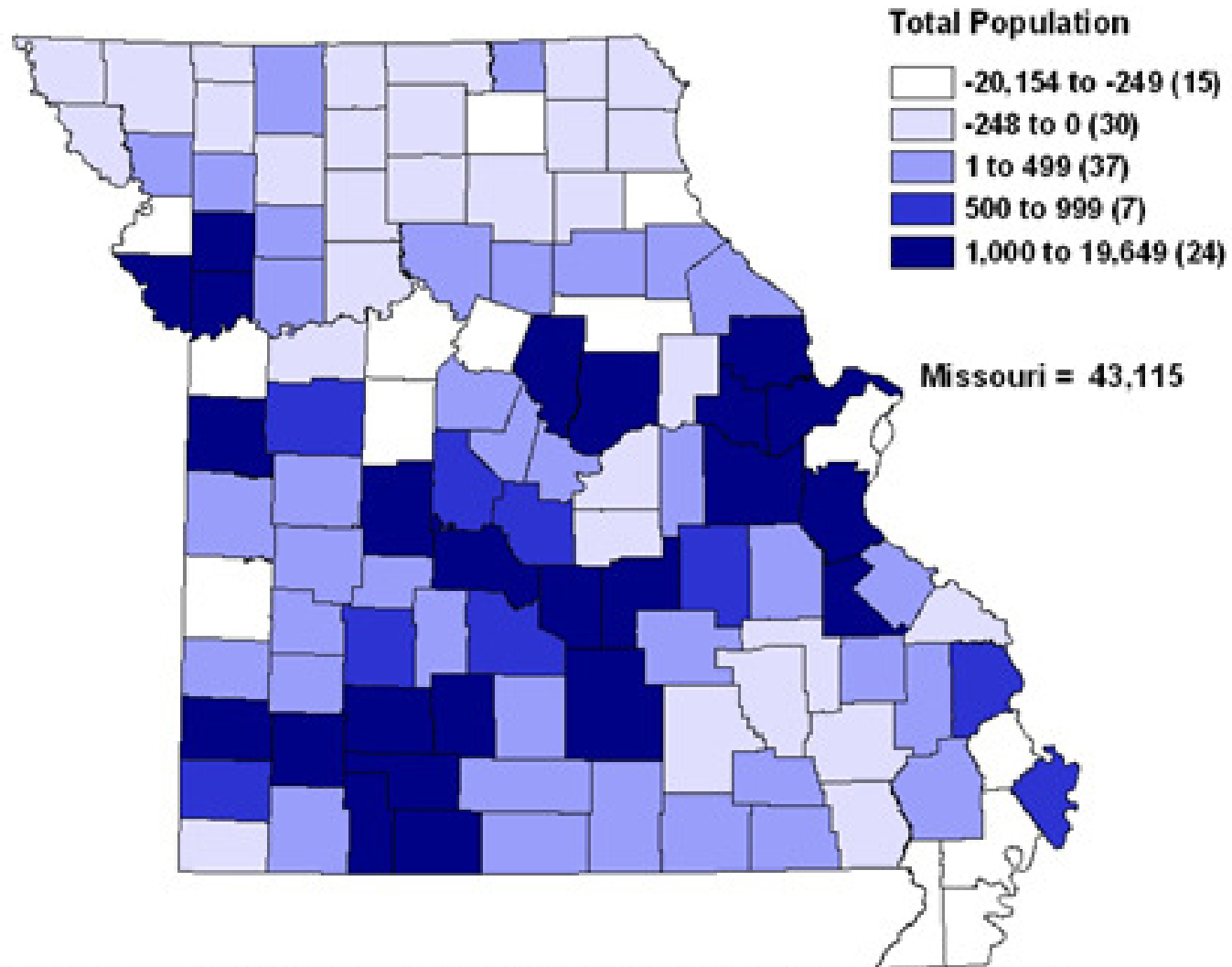
Percent Net Migration* in Missouri, by County 2000-2003



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 04.14.2004

Net Migration in Total Population in Missouri, by County 2000-2003



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 04.15.2004

Population Change 2000-2003

County	Population 2000	Population 2003 estimate	Percent Change, 2000-2003
Marion	28,289	28,289	0.0
Clark	7,416	7,420	0.1
Lewis	10,494	10,226	-2.6
Monroe	9,311	9,396	0.9
Ralls	9,626	9,653	0.3
Shelby	6,799	6,702	-1.4

Source: USDC, Census Bureau, Decennial Census 1990 and 2000, Federal State Cooperative for Population Estimates

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

Total Population and Components of Change, 1990-2000

		Change, 1990-2000				Natural Increase		Net Migration	
	Total Population	Number	Percent	Births	Deaths	Number	Rate	Number	Rate
	2000								
Marion	28,289	607	2.2	3,993	3,638	355	1.3	252	0.9
Clark	7,416	-131	-1.7	820	941	-121	-1.6	-10	-0.1
Lewis	10,494	261	2.6	1,242	1,264	-22	-0.2	283	2.8
Monroe	9,311	207	2.3	1,047	1,059	-12	-0.1	219	2.4
Ralls	9,626	1,150	13.6	956	900	56	0.7	1,094	12.9
Shelby	6,799	-143	-2.1	840	1,103	-263	-3.8	120	1.7

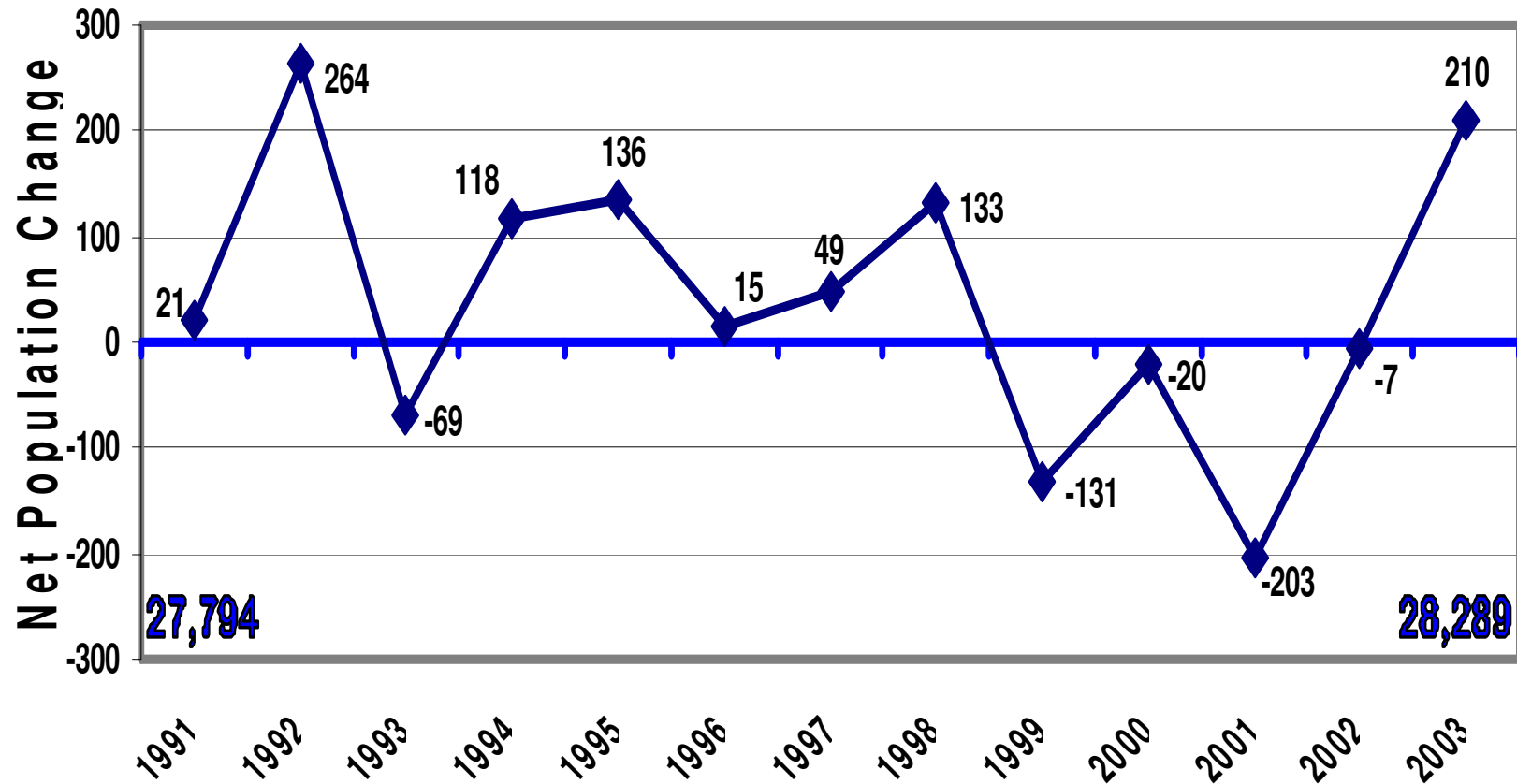
Source: 1990 and 2000 Decennial Census / Federal State Coop for Population Estimates - Prepared by: Univ of Mo Office of Social and Economic Data Analysis (OSED)

Population and Components of Change, 2000-2003

				Natural Increase		Net Migration	
	Population	Births	Deaths	Number	Rate	Number	Rate
	Change						
Marion County	0	1,367	1,085	282	1.0	-282	-1.0
Clark County	4	274	256	18	0.2	-14	-0.2
Lewis County	-268	334	356	-22	-0.2	-246	-2.3
Monroe County	85	383	362	21	0.2	64	0.7
Ralls County	27	261	332	-71	-0.7	98	1.0
Shelby County	-97	276	285	-9	-0.1	-88	-1.3

Source: 1990 and 2000 Decennial Census / Federal State Coop for Population Estimates - Prepared by: Univ of Mo Office of Social and Economic Data Analysis (OSED)

Population Change 1-Jul-90 to 1-Jul-03 Marion County

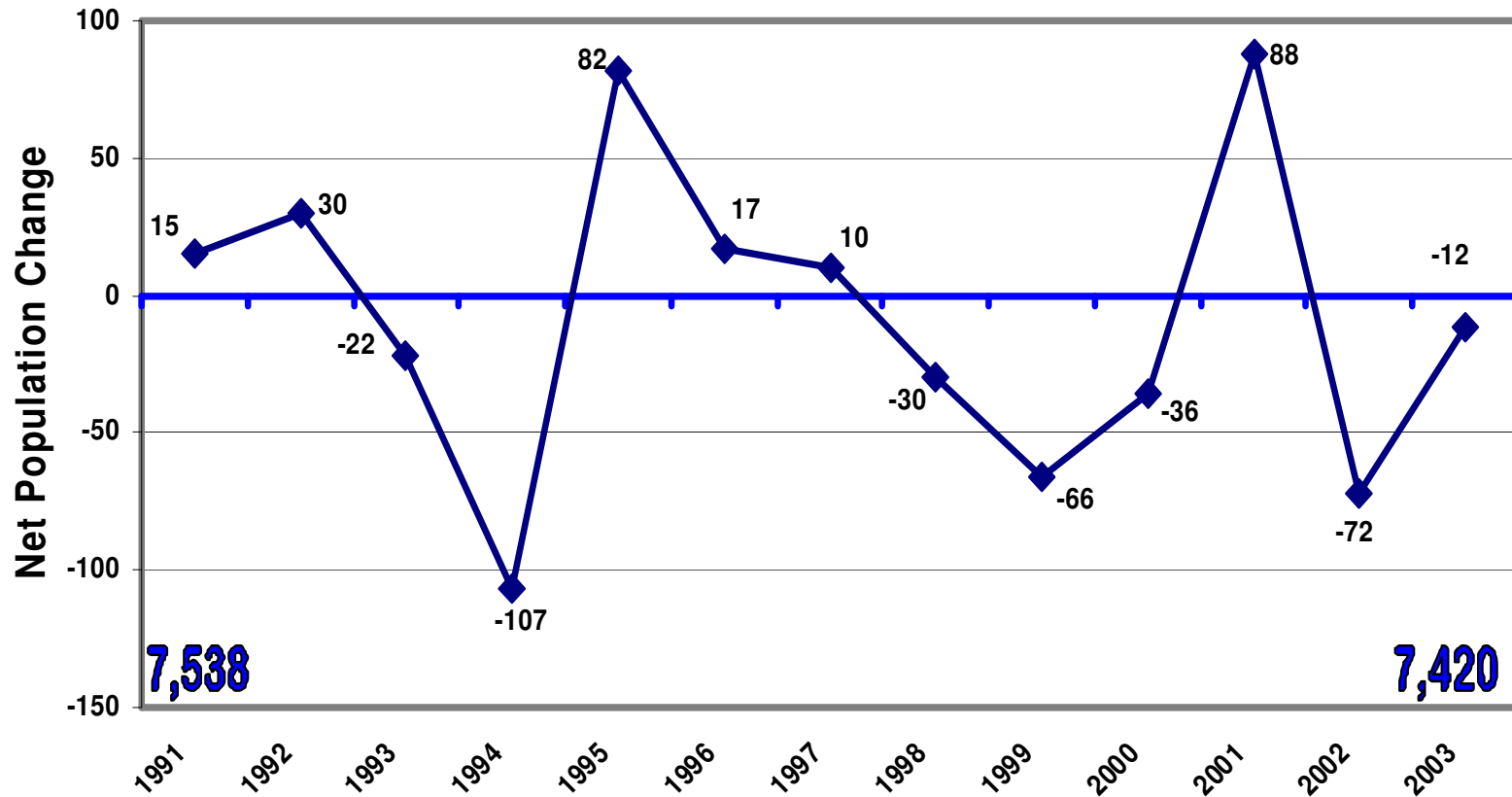


Source: USDC, Census Bureau, Decennial Census 1990 and 2000, Federal State Cooperative for Population Estimates

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

Source: /popests/sct99_MO.txt and <http://eire.census.gov/popest/data/cities/tables/SUB-EST2002-07-29.xls>

Population Change 1-Jul-90 to 1-Jul-03 Clark County

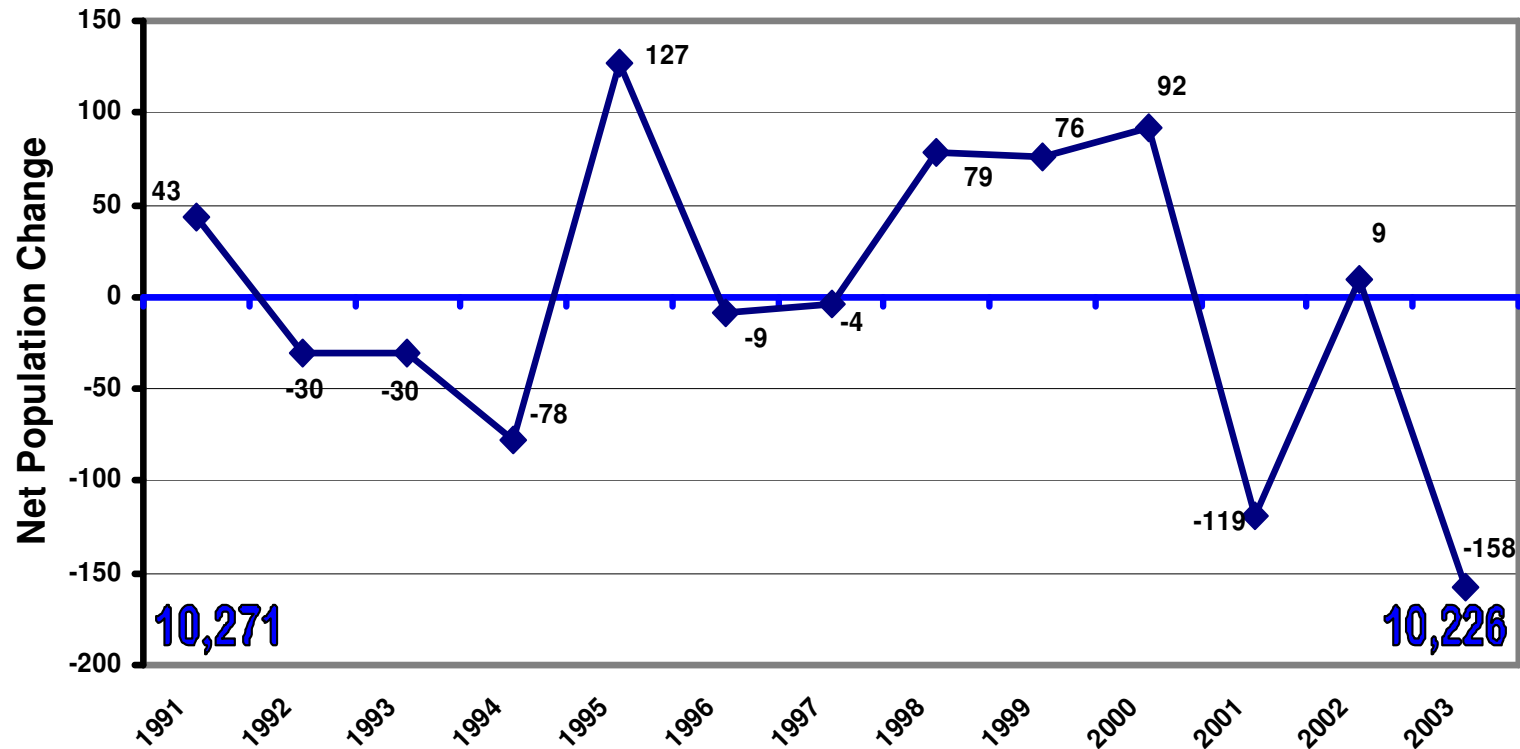


Source: USDC, Census Bureau, Decennial Census 1990 and 2000, Federal State Cooperative for Population Estimates

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

Source: /popests/sct99_MO.txt and <http://eire.census.gov/popest/data/cities/tables/SUB-EST2002-07-29.xls>

Population Change 1-Jul-90 to 1-Jul-03 Lewis County

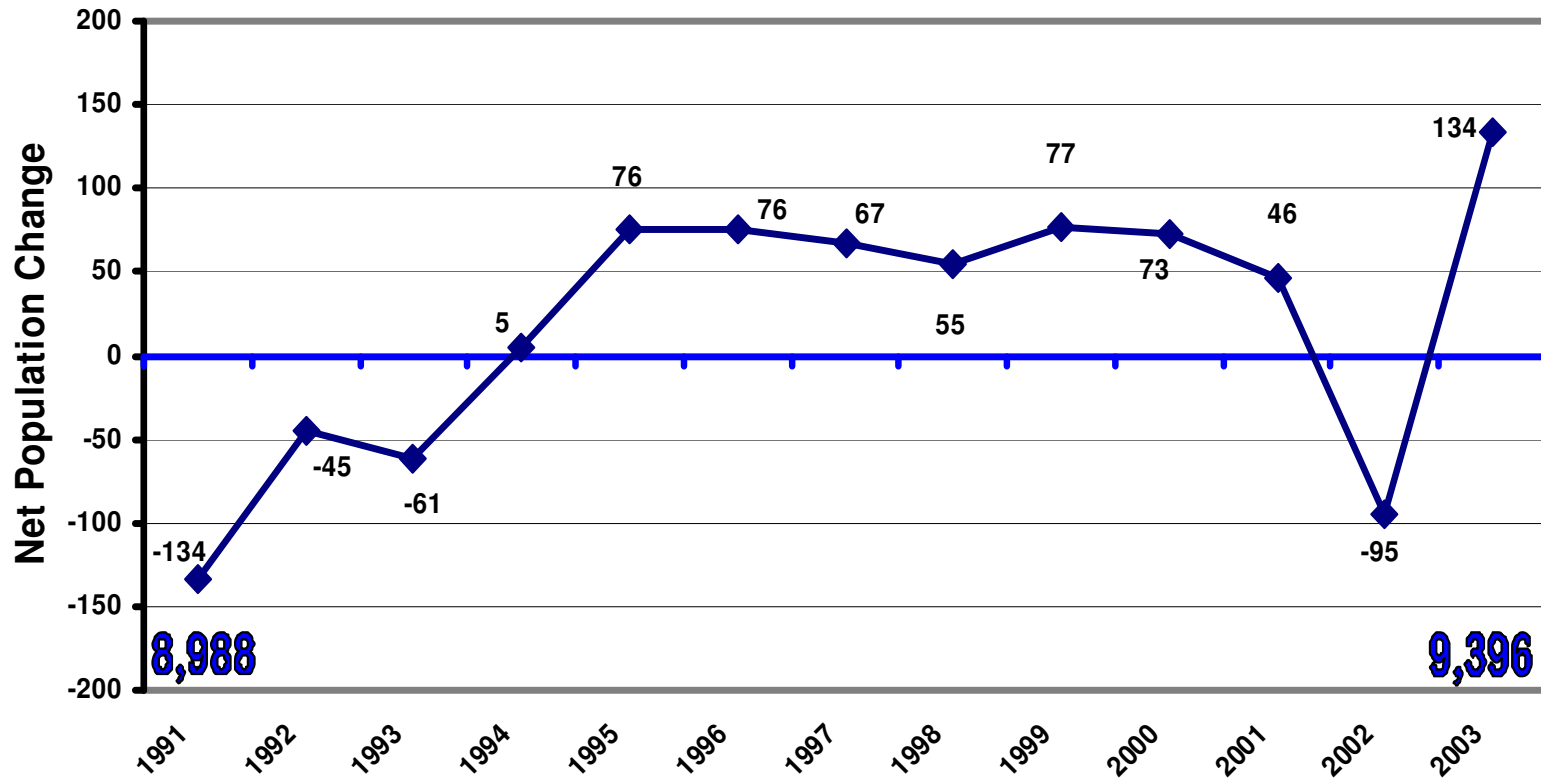


Source: USDC, Census Bureau, Decennial Census 1990 and 2000, Federal State Cooperative for Population Estimates

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

Source: [popests/sct99_MO.txt](#) and <http://eire.census.gov/popest/data/cities/tables/SUB-EST2002-07-29.xls>

Population Change 1-Jul-90 to 1-Jul-03 Monroe County

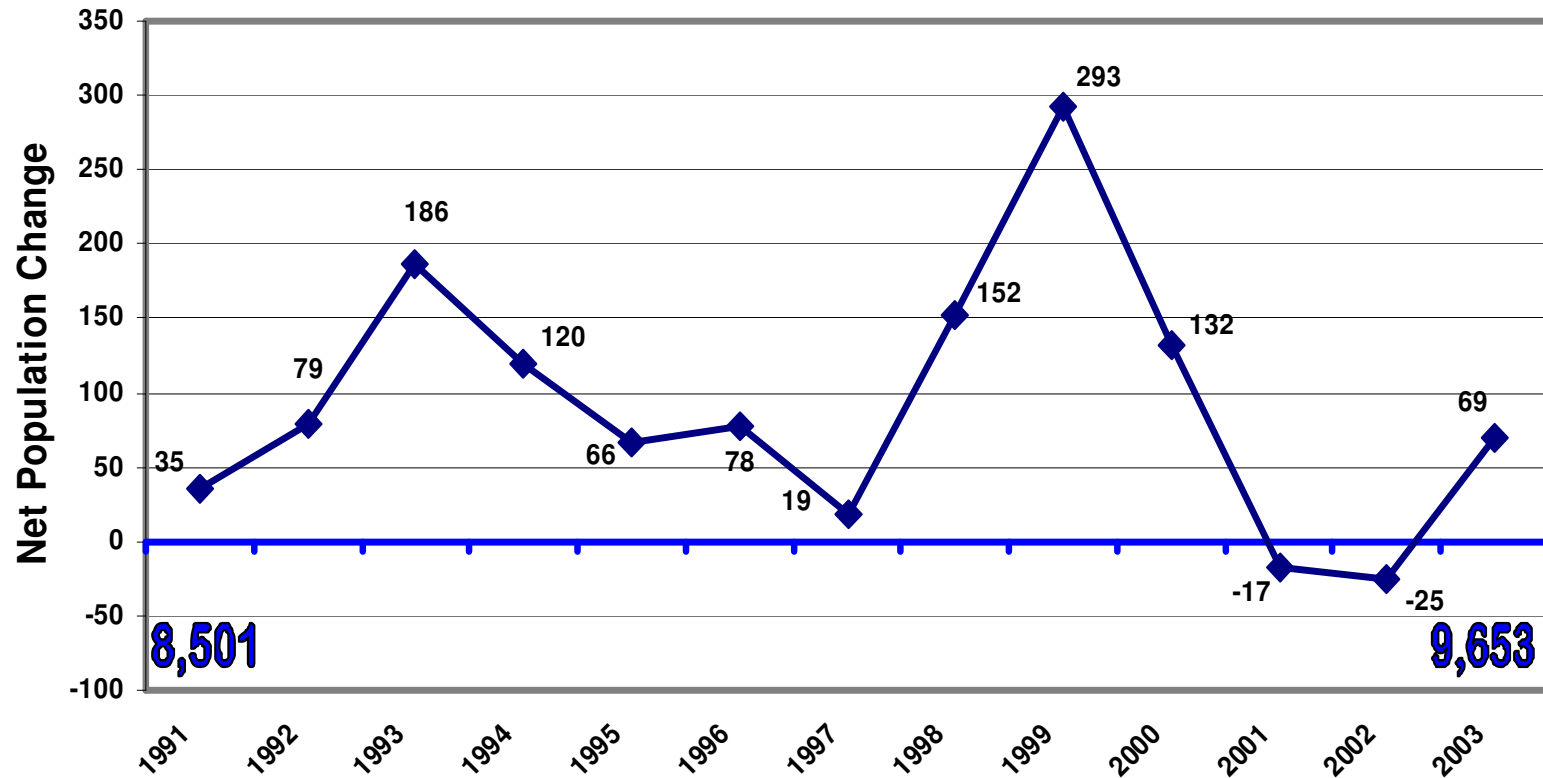


Source: USDC, Census Bureau, Decennial Census 1990 and 2000, Federal State Cooperative for Population Estimates

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

Source: /popests/sct99_MO.txt and <http://eire.census.gov/popest/data/cities/tables/SUB-EST2002-07-29.xls>

Population Change 1-Jul-90 to 1-Jul-03 Ralls County

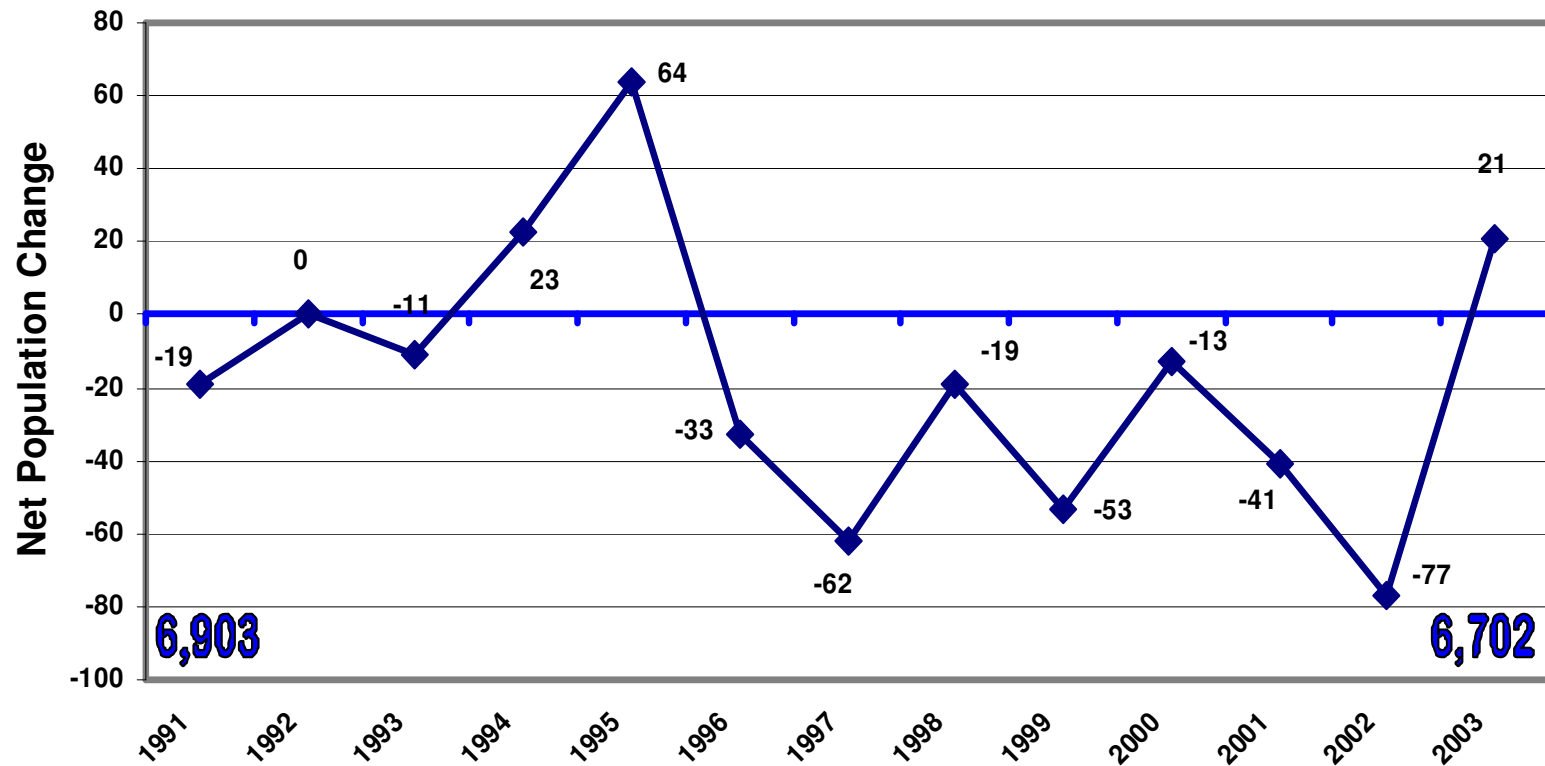


Source: USDC, Census Bureau, Decennial Census 1990 and 2000, Federal State Cooperative for Population Estimates

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

Source: /popests/sct99_MO.txt and <http://eire.census.gov/popest/data/cities/tables/SUB-EST2002-07-29.xls>

Population Change 1-Jul-90 to 1-Jul-03 Shelby County

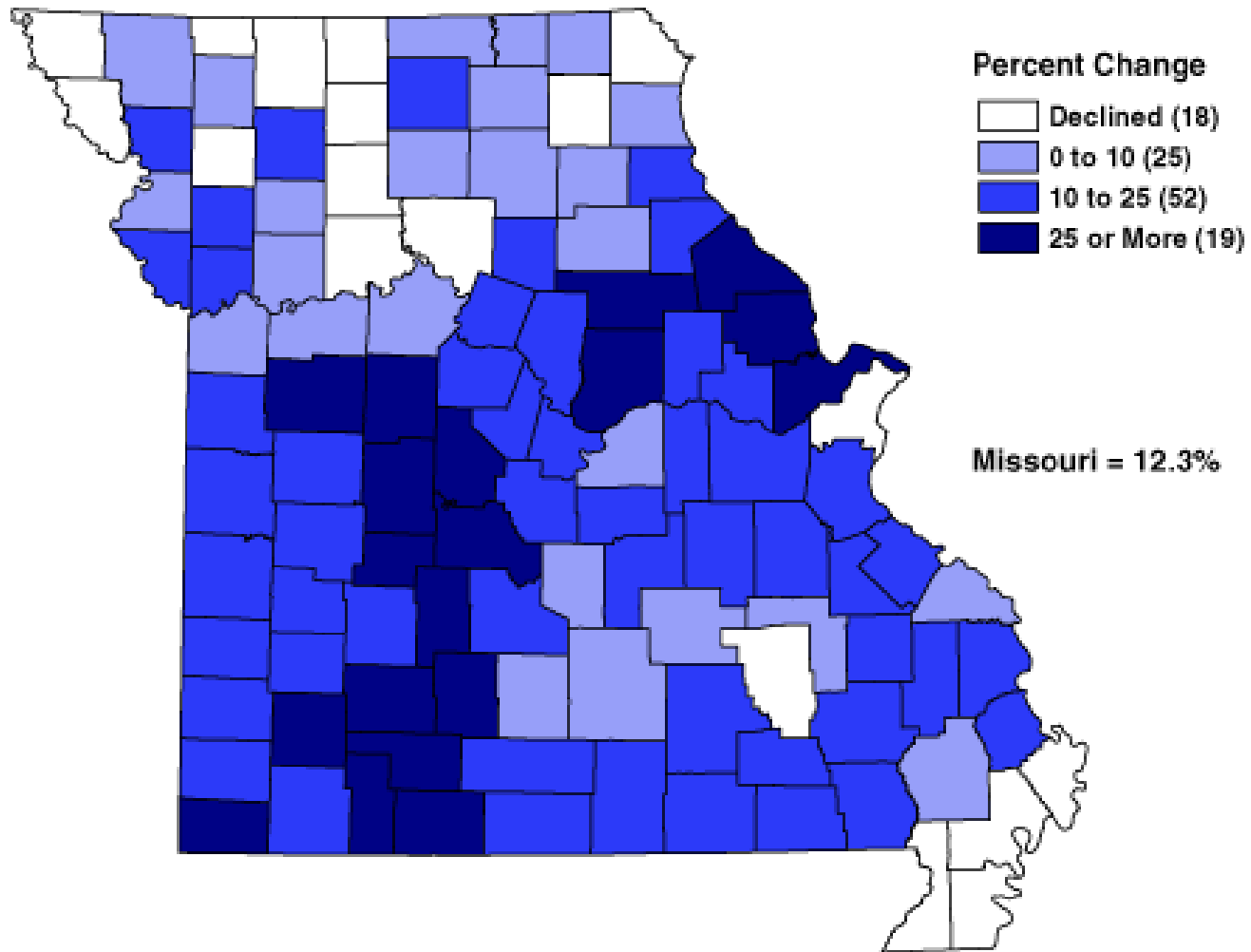


Source: USDC, Census Bureau, Decennial Census 1990 and 2000, Federal State Cooperative for Population Estimates

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

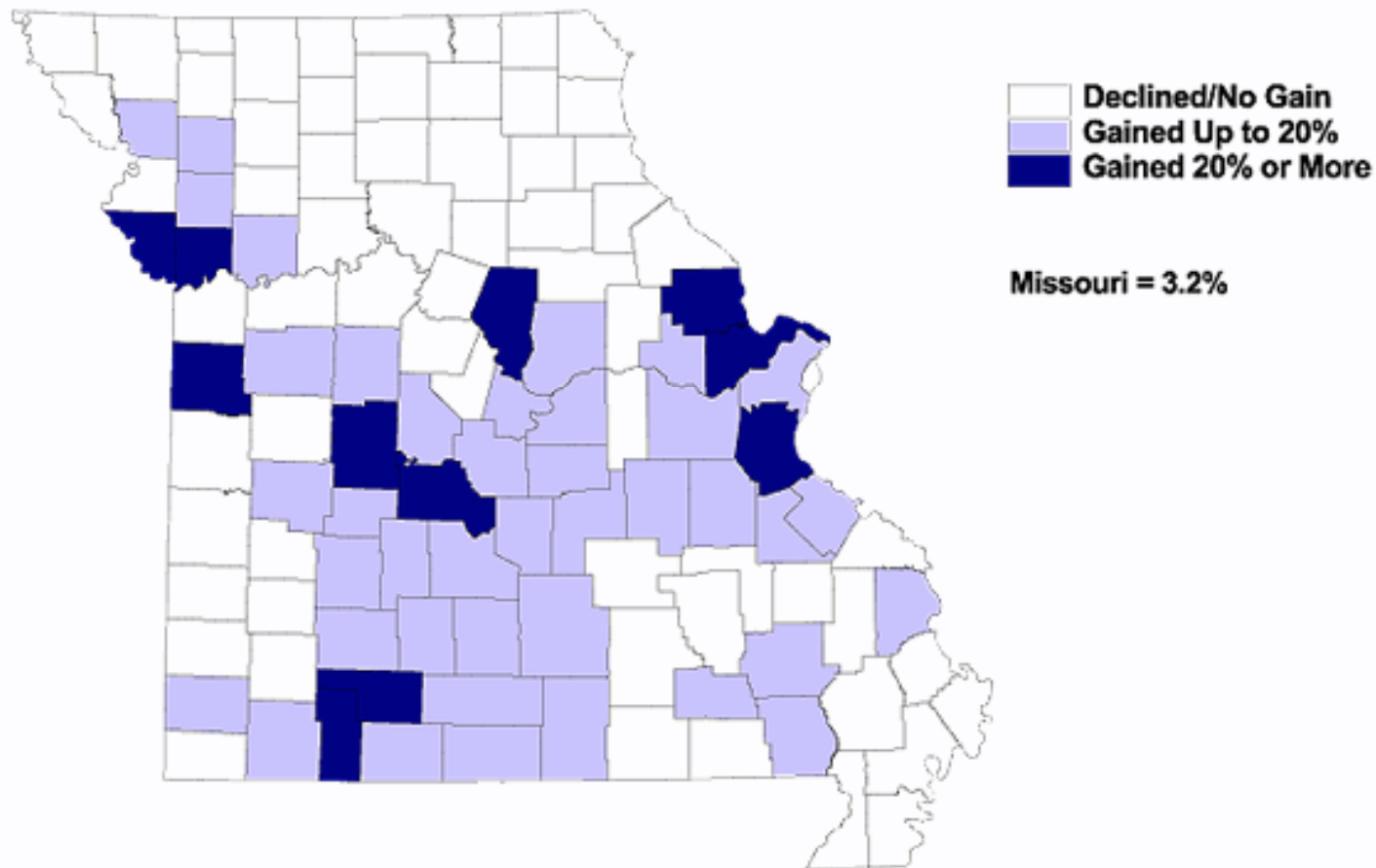
Source: /popests/sct99_MO.txt and <http://eire.census.gov/popest/data/cities/tables/SUB-EST2002-07-29.xls>

Percent Change in Open Country Population 1990 - 2000



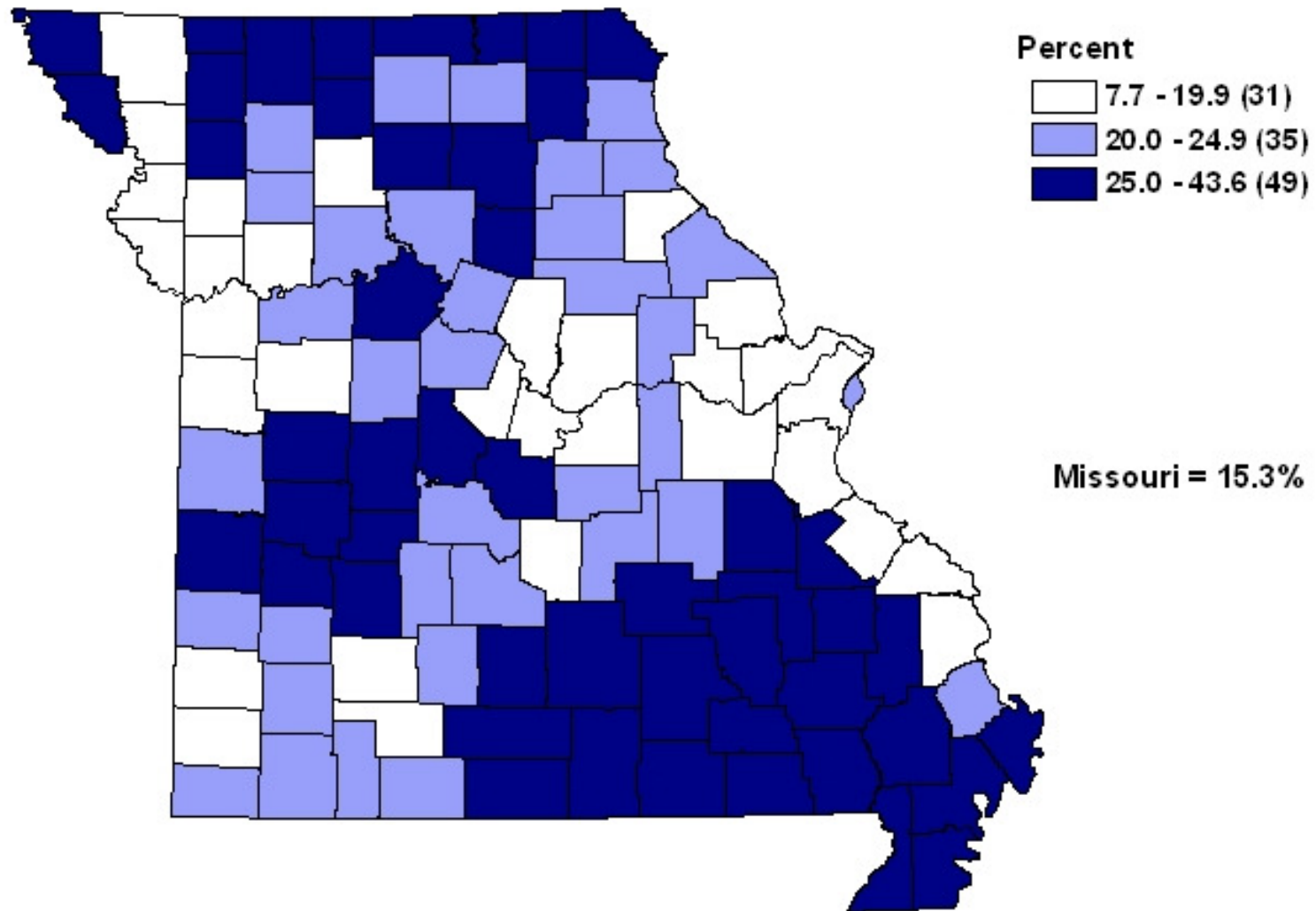
Source: USDC, Bureau of the Census, Census of Population and Housing [2000 SF1; 1990 STF1]
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSED)
Map Generated on 3.4.2002

Percent Change in Population Age 65 to 84 Years 1990-2000



SOURCE: USDC, Bureau of the Census. Census of Population and Housing [2000 SF-1; 1990 STF-1]
Map Produced by: University Outreach and Extension, Office of Social and Economic Data Analysis (E.J. Cleveland, 11/01)

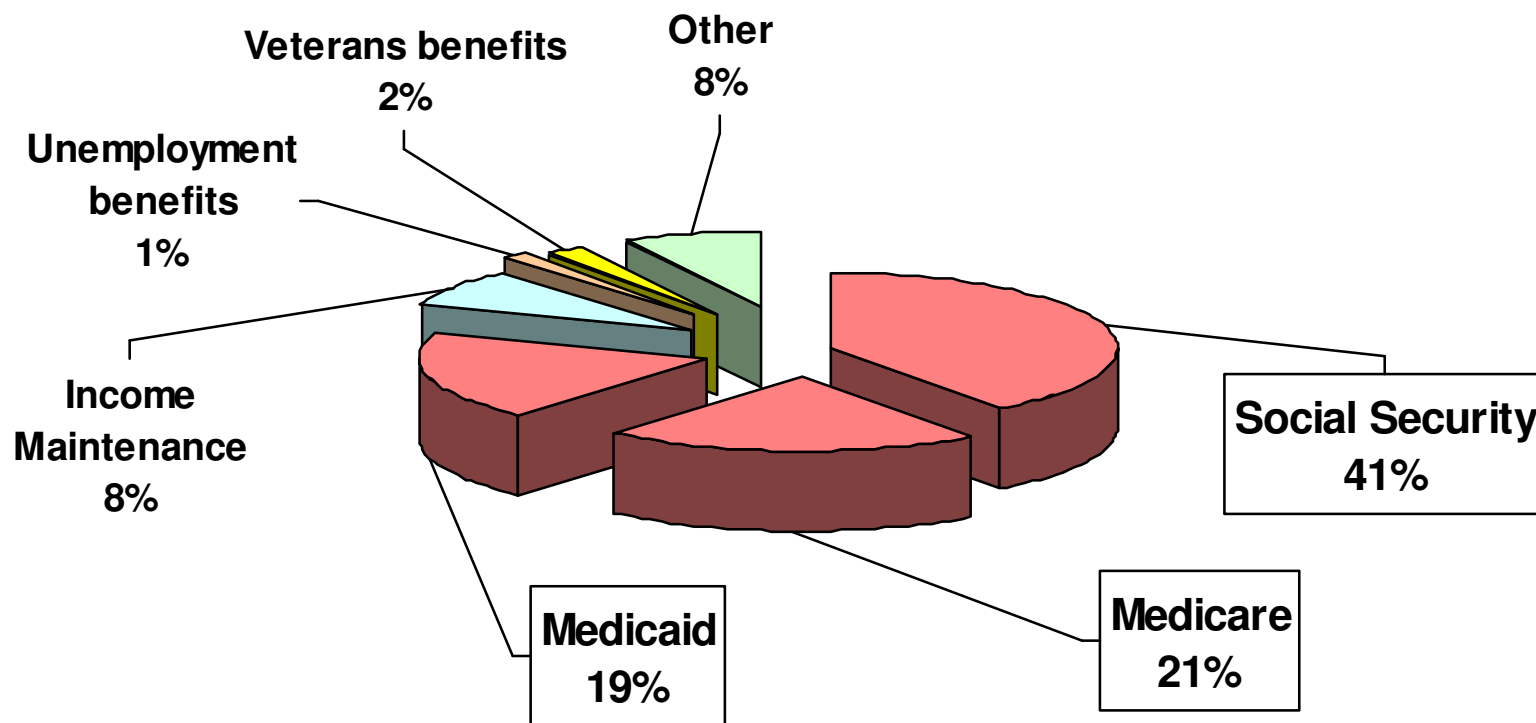
2001 Transfer Payments as a Percent of Total Personal Income



Source: USDC, Bureau of Economic Analysis
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSED)

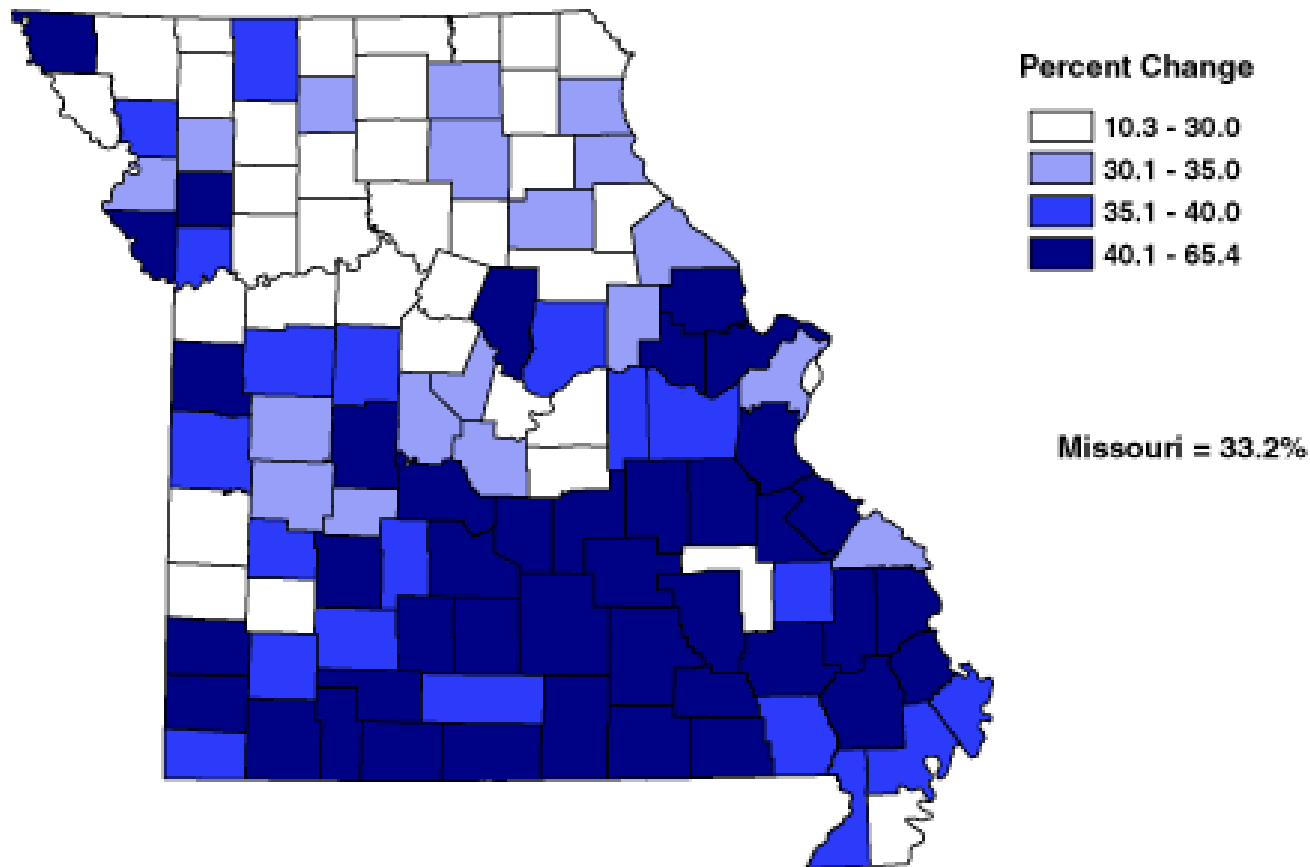
Map Generated on 9.08.2003

Missouri Transfer Payments by Type, 2000



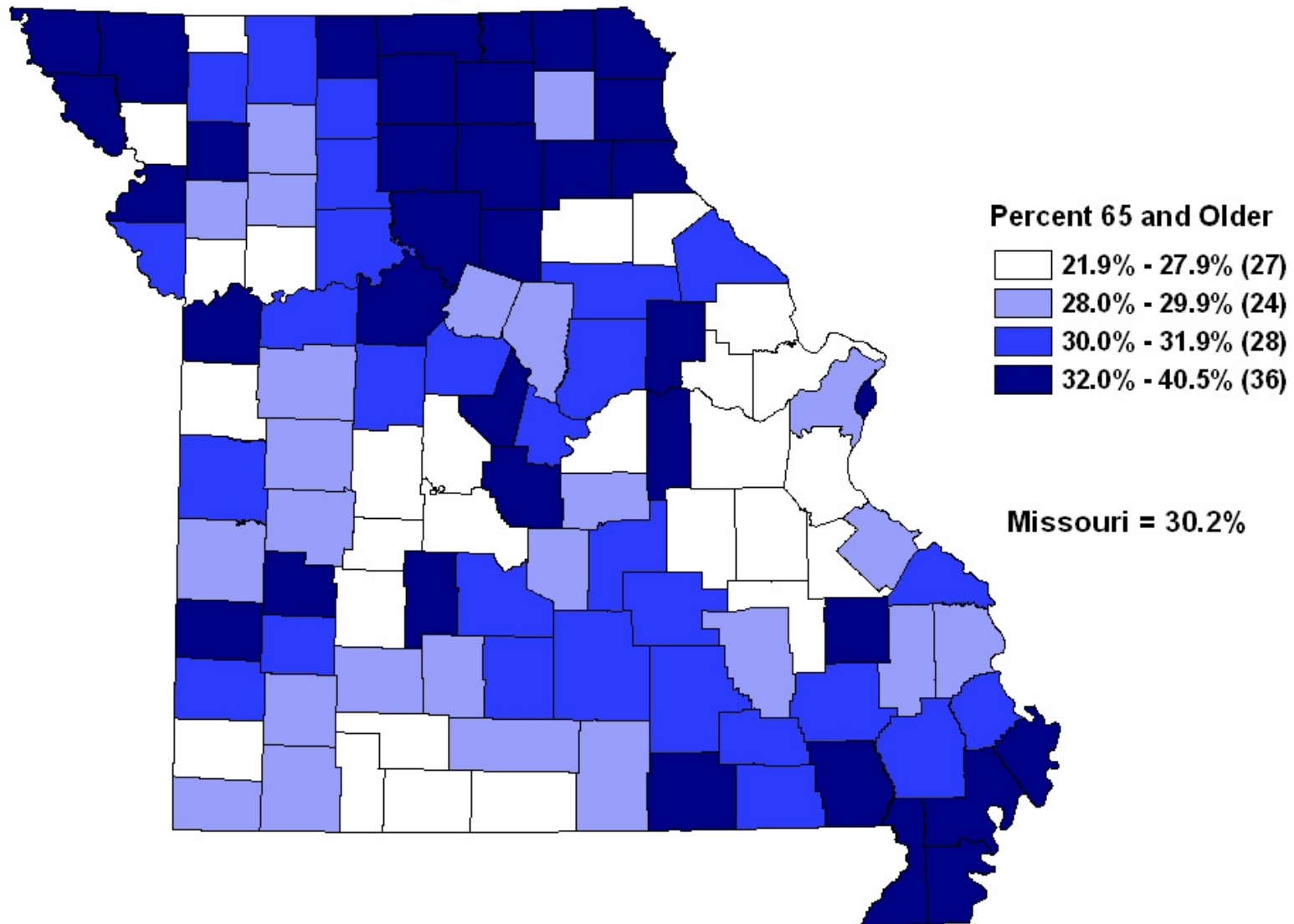
Source: USDC, Bureau of Economic Analysis, Regional Economic Information System
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSED)

Percent Change in Medical Payments, by County, 1995-2000



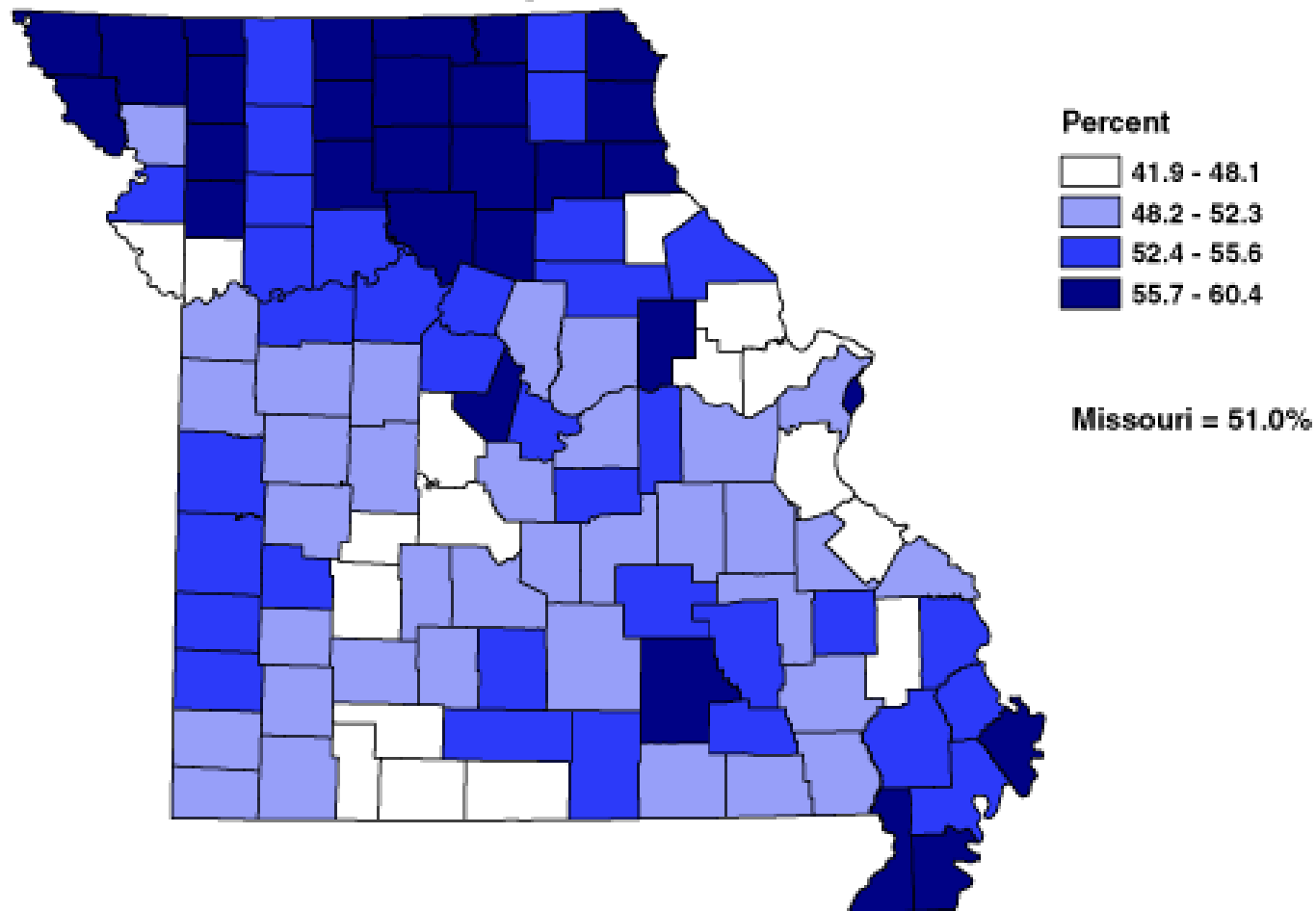
Source: USDC, Bureau of Economic Analysis, Regional Economic Information System
Produced by: University Outreach and Extension, Office of Social and Economic Data Analysis
Map generated on 4.2.2003

Percent of NonFamily Householders Living Alone: Age 65 and Older, 2000



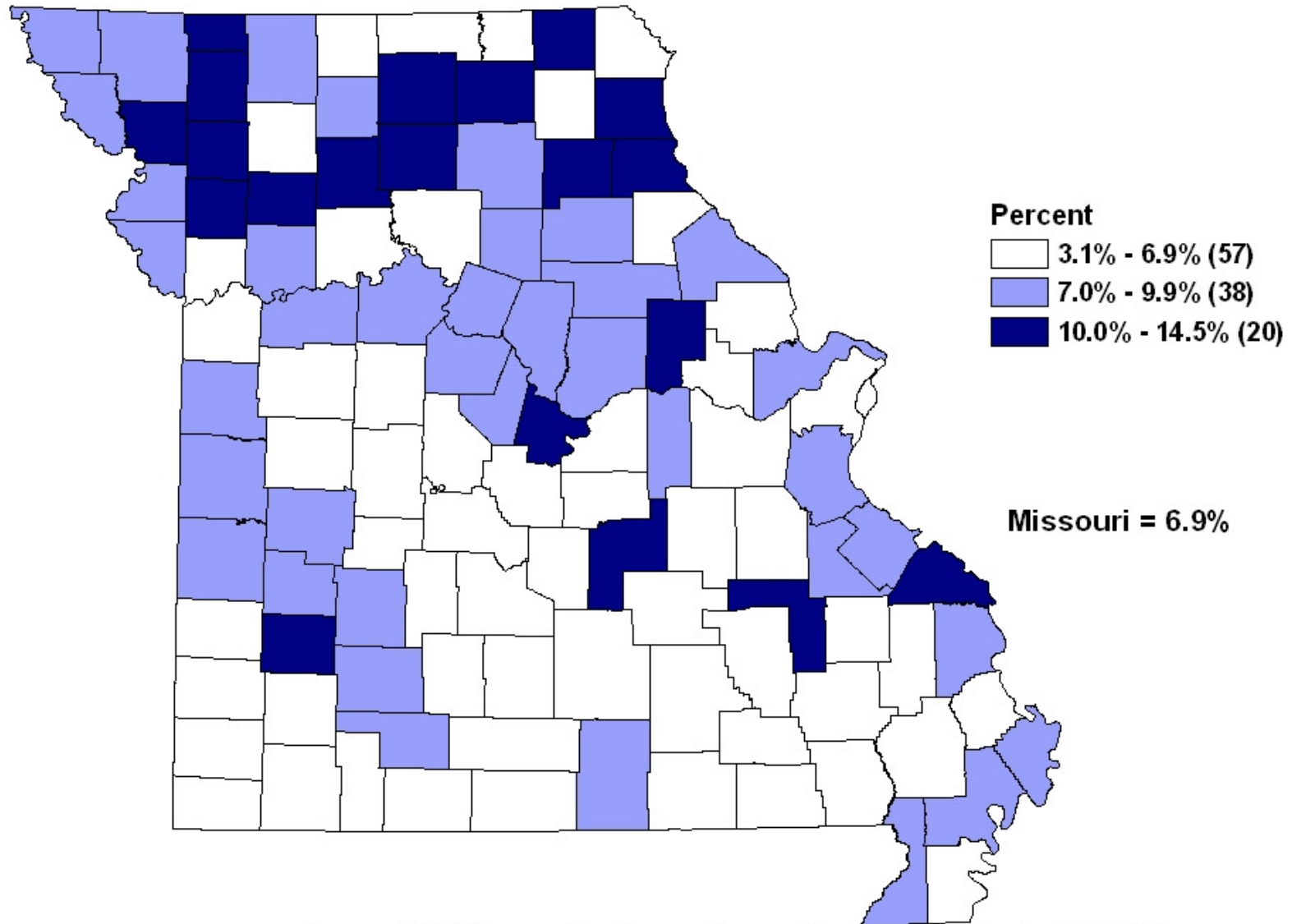
Source: USDC, Bureau of the Census, Census of Population and Housing [2000 SF3]
Prepared by: The Office of Social and Economic Data Analysis - (OSED)
Map Generated on 03.08.2004

Percent of One Person Households With Person Age 75 Years or Older, 2000



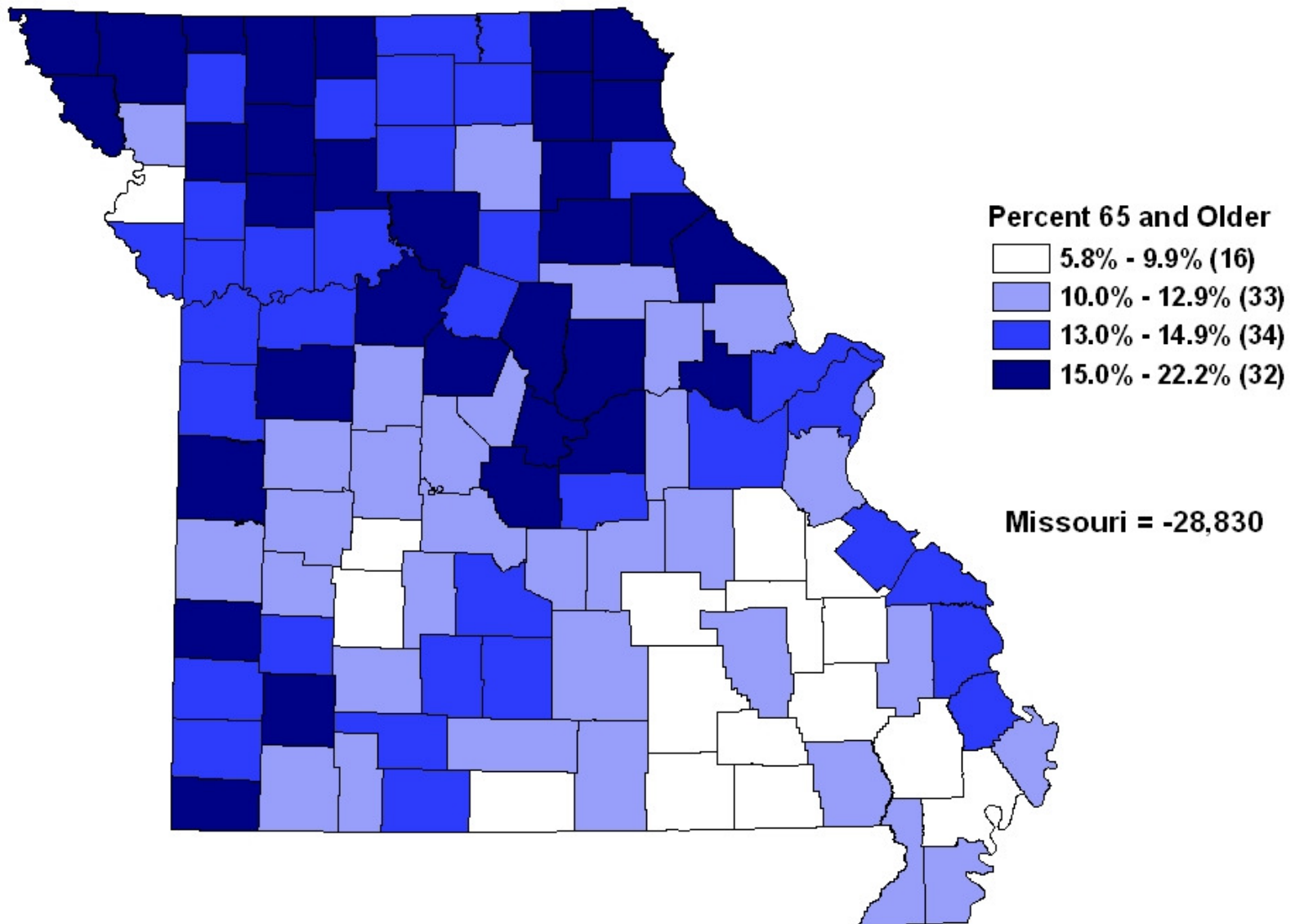
Source: USDC, Bureau of the Census, Census of Population and Housing [2000 SF1]
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSED)
Map Regenerated on 4.23.2003

Percent of Group Quarter Population, 1990



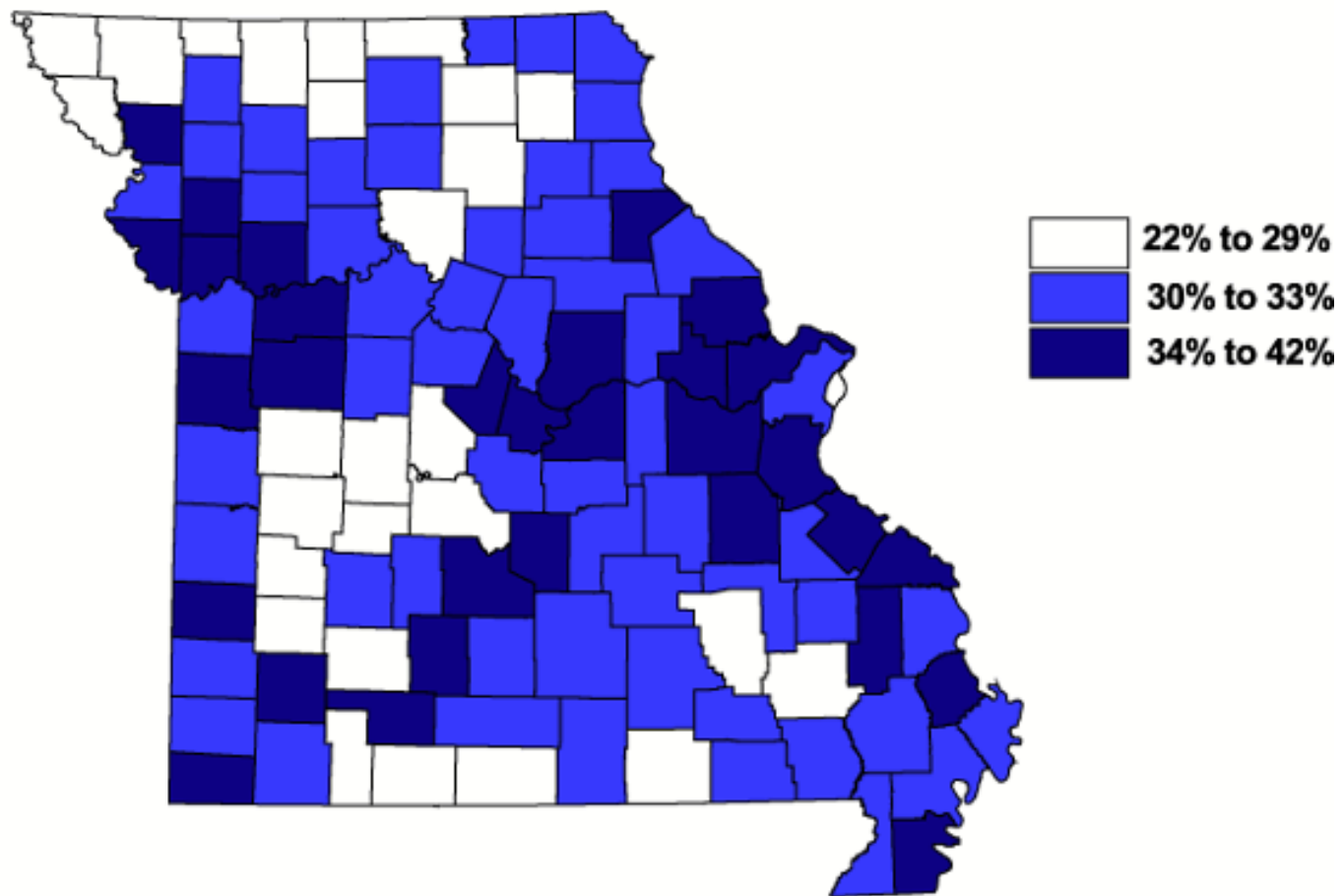
Source: USDC, Bureau of the Census, Census of Population and Housing [2000 SF3]
Prepared by: The Office of Social and Economic Data Analysis - (OSED)A
Map Generated on 03.08.2004

Percent of Population Age 65 and Older Employed, 2000



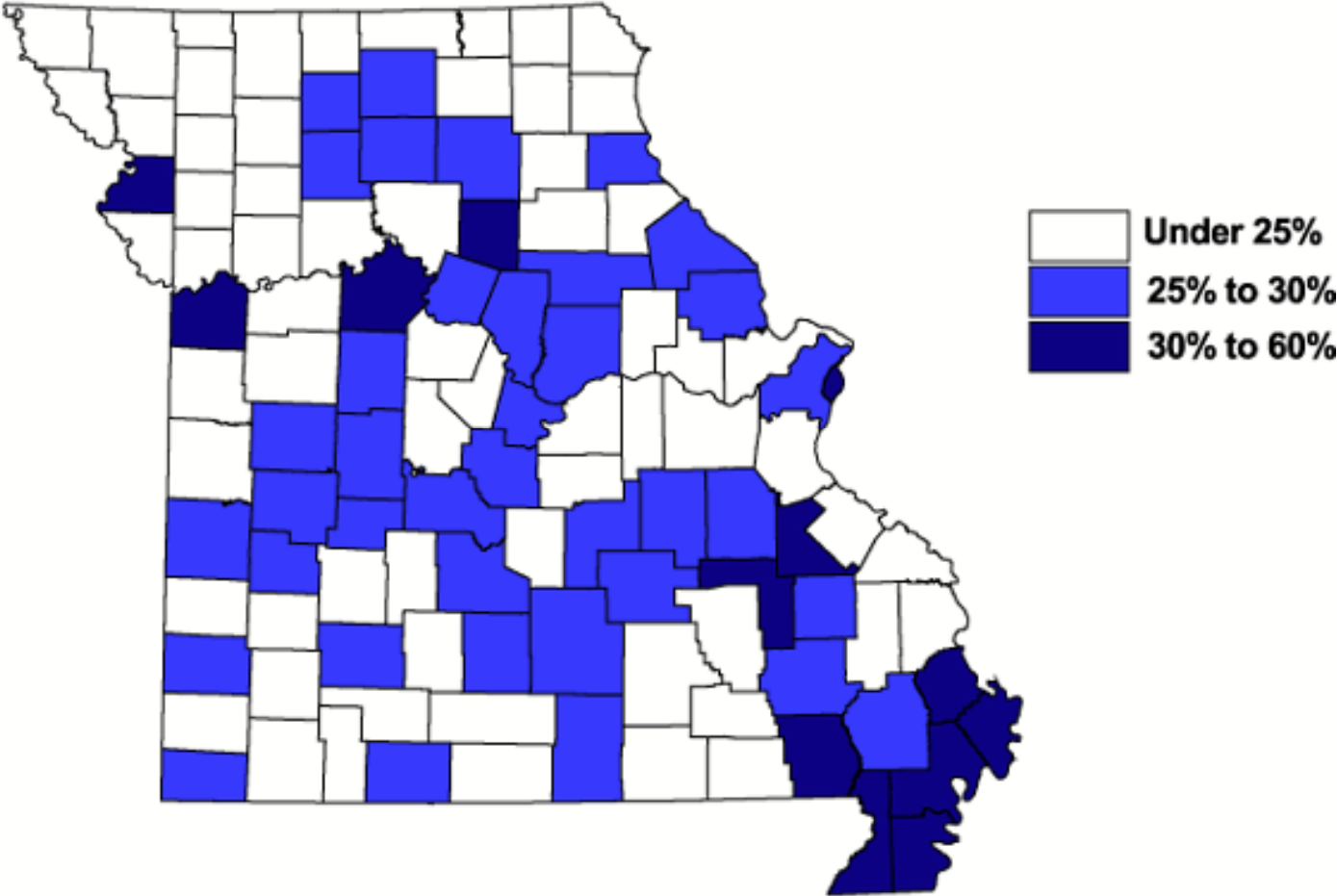
Source: USDC, Bureau of the Census, Census of Population and Housing [2000 SF3]
Prepared by: The Office of Social and Economic Data Analysis - (OSED)
Map Generated on 03.08.2004

Family Households with Children as a Percent of all Households, 2000



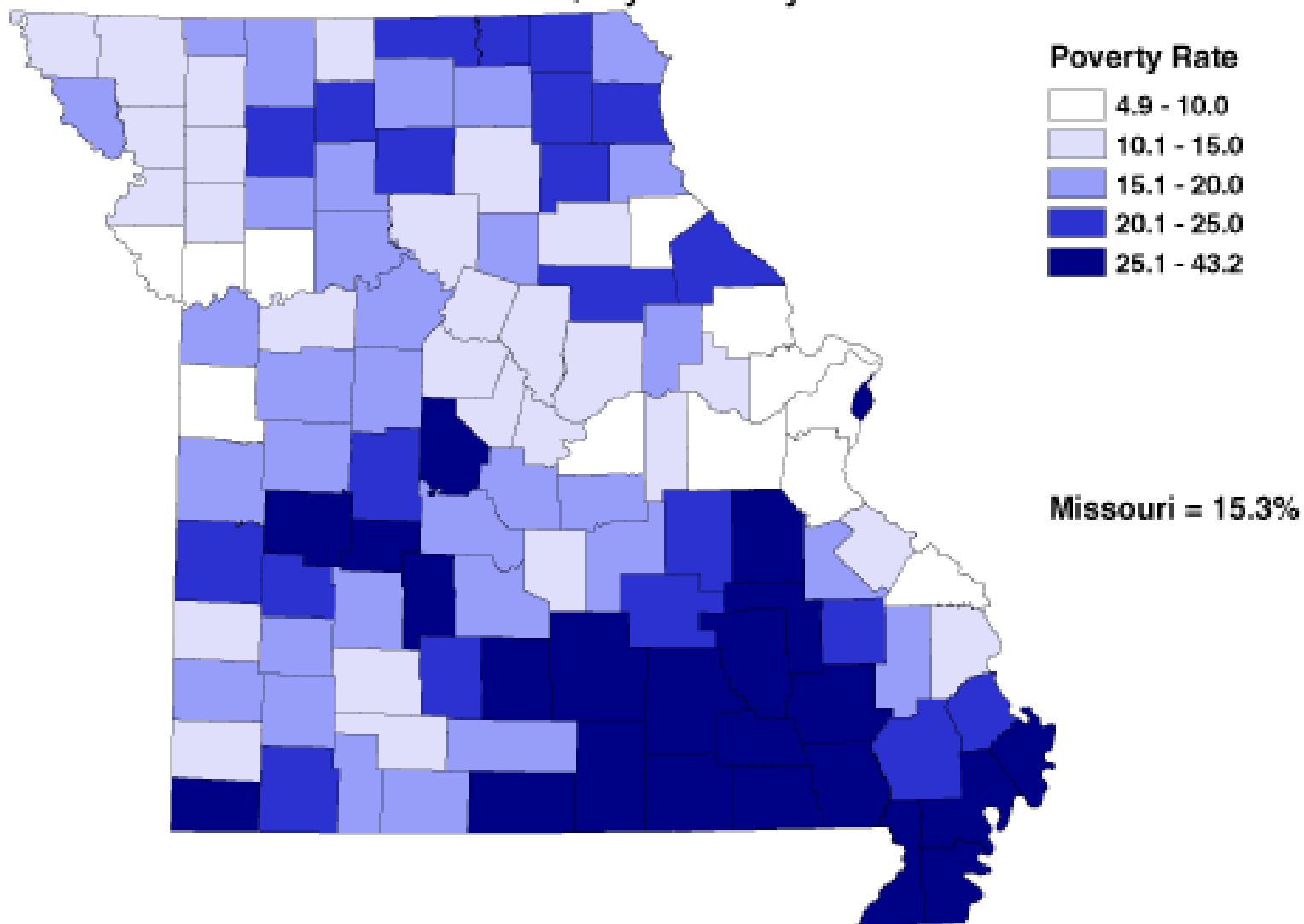
Source: USDC, Bureau of the Census, Summary File 1
Produced by: The Office of Social and Economic Data Analysis (09/26/01)

Single Parent Families as a Percent of all Families with Children, 2000



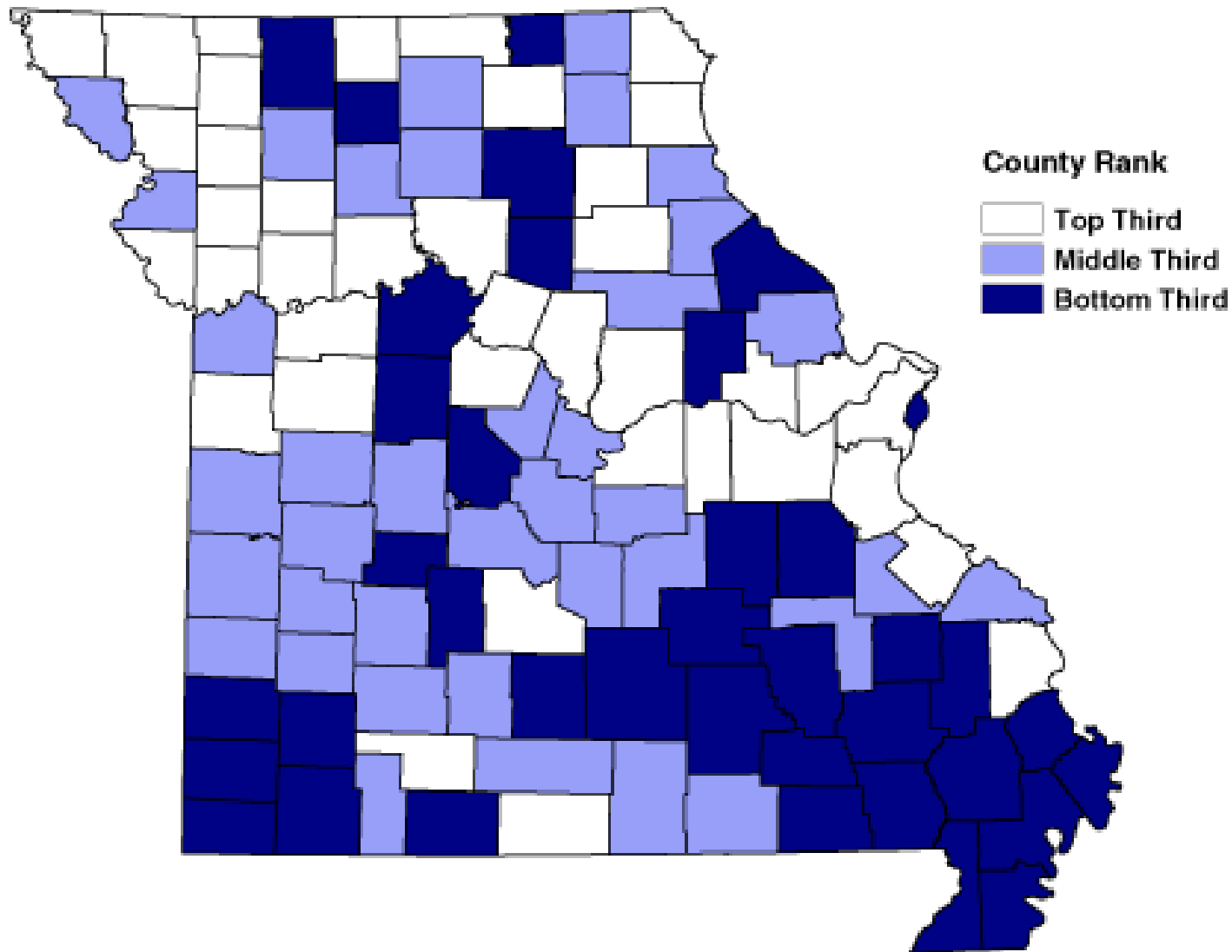
Source: USDC, Bureau of the Census, Summary File 1
Produced by: The Office of Social and Economic Data Analysis (09/26/01)

Percent of Related Children Under 18 Below Poverty Level in Missouri, by County 2000



Source: USDC, Bureau of the Census, Census of Population and Housing [2000 SF3 DP; 1990 STF3]
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSED)
Map Generated on 5.30.2002

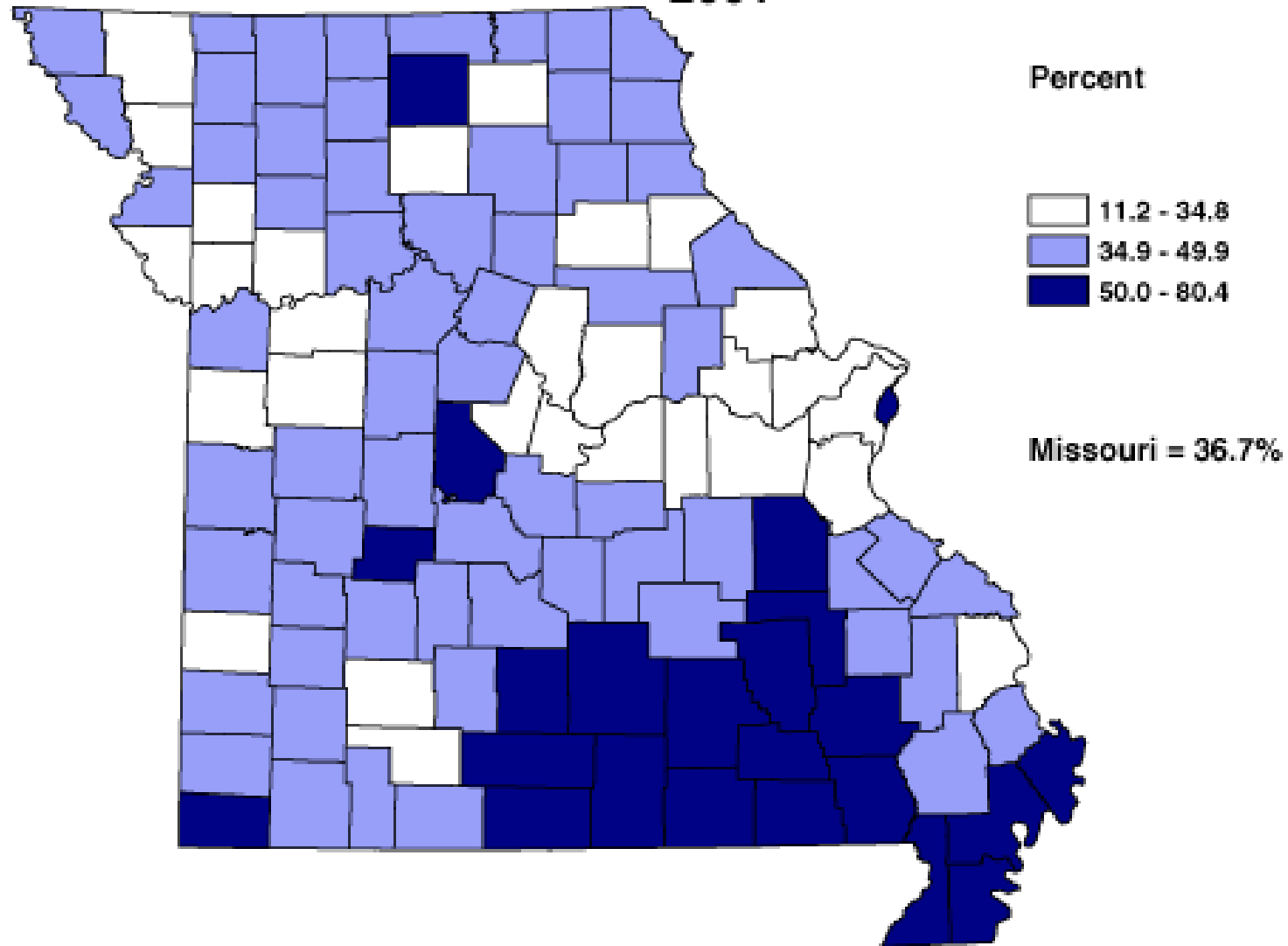
KIDS COUNT County Rank 2002



Source: Citizens for Missouri's Children, Children's Trust Fund KIDS COUNT Data Book 2002
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSED)

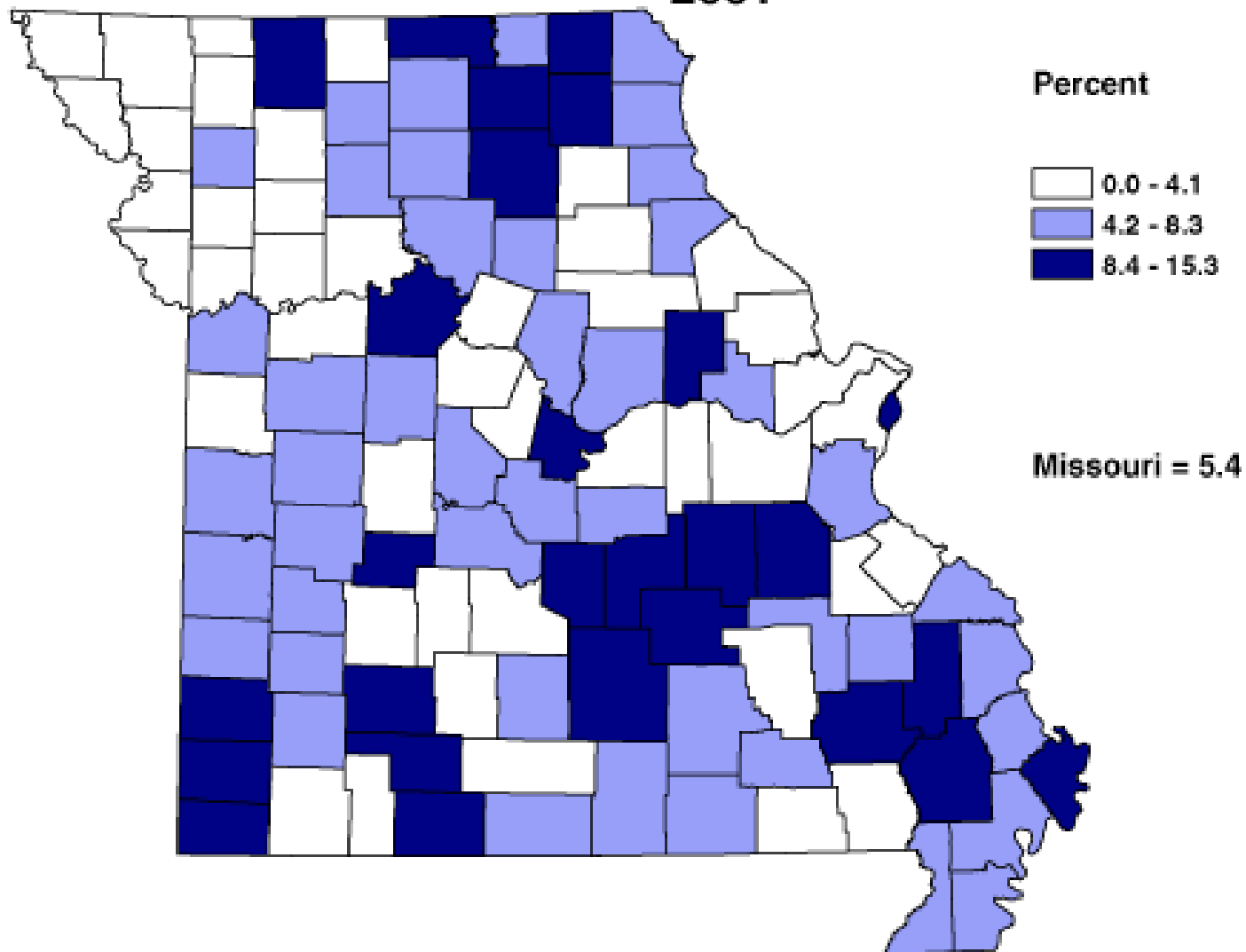
Map Generated on 4.2.2003

Students Enrolled for Free & Reduced Lunches 2001



Source: Missouri Department of Elementary & Secondary Education, Coredata 2002
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSEDA)
Map Generated on 11.15.2002

Out-of-home Placements per 1,000 Children Under 18 2001

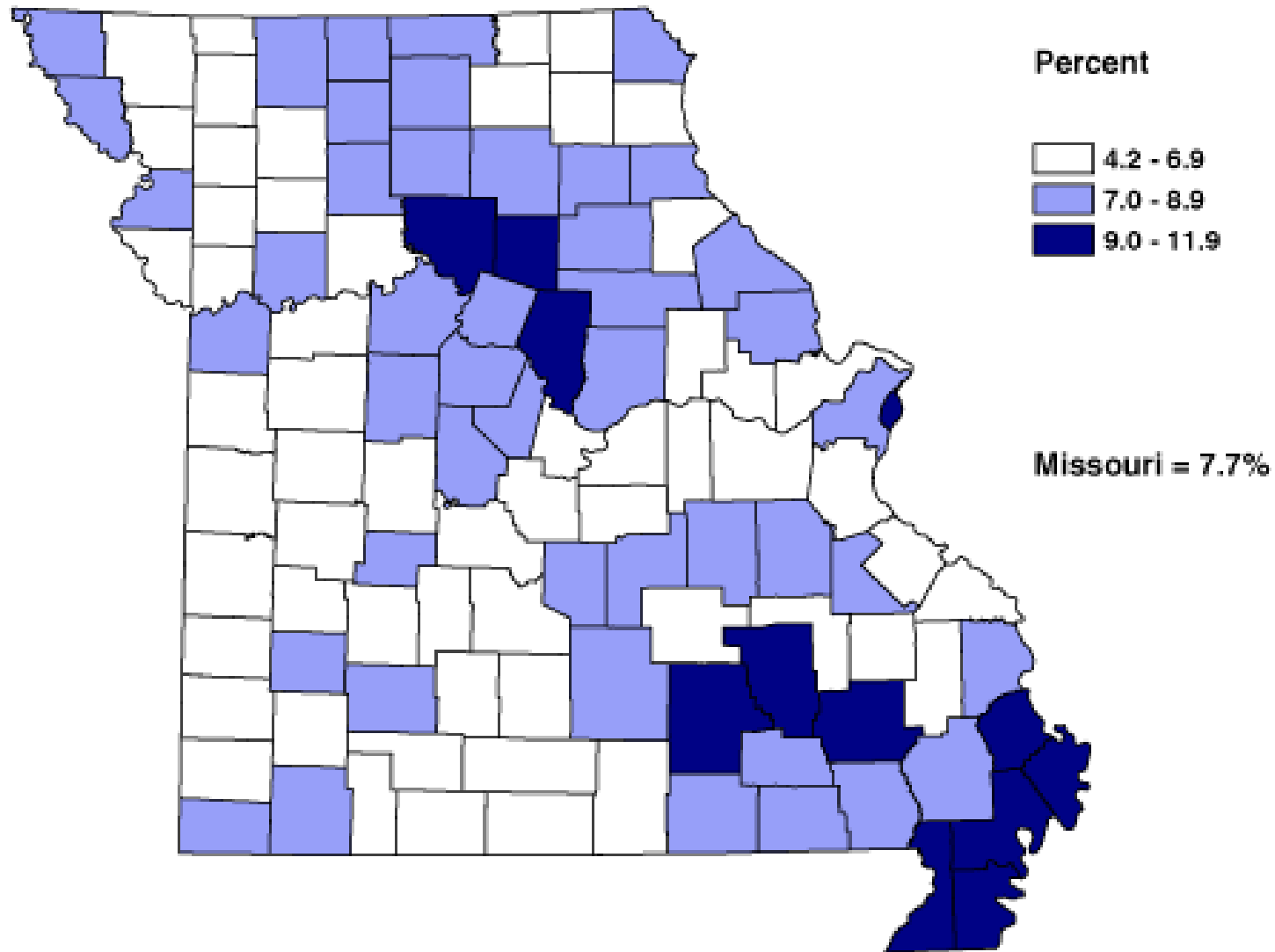


Source: Missouri Department of Social Services

Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSED)

Map Generated on 11.15.2002

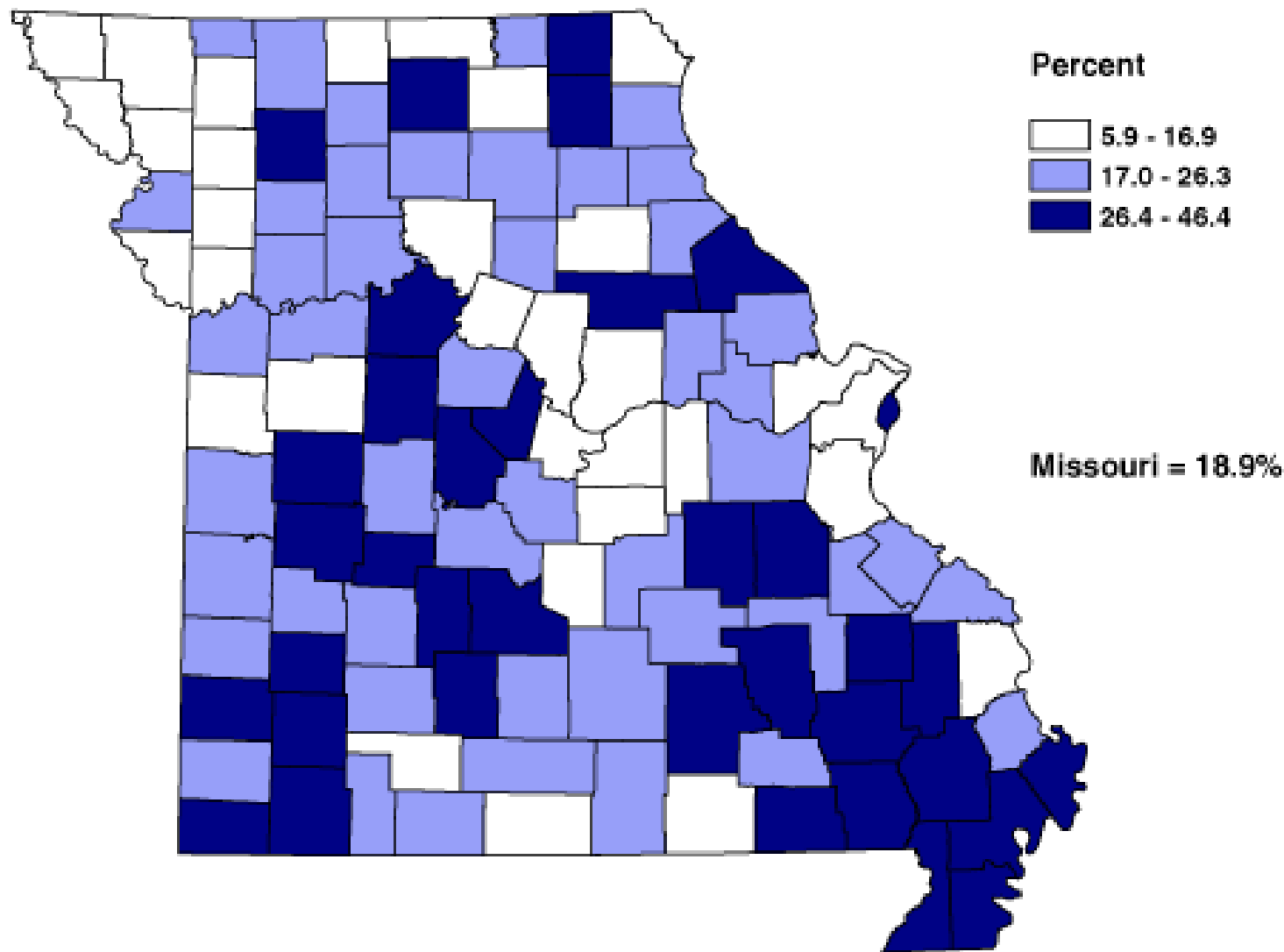
Percent of Births Low Birthweight 2001



Source: Missouri Department of Health & Senior Services
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSED)

Map Generated on 11.14.2002

Percent of Births to Mothers with Fewer Than 12 Years Education 2001



Source: Missouri Department of Health & Senior Services
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSED)

Map Generated on 11.14.2002

Clark County

► County Seat- Kahoka

47

Composite
County
Rank

Outcome Measures	Number		Rate		Trend	State Rate	County Rank
	Base Year	Current Year	Base Year	Current Year			
Students enrolled in free/reduced lunch 1998/2002	492	518	36.7%	41.7%	X	37.9%	48
Births to mothers without h.s. diploma 1998/2002	17	11	22.4%	14.9%	✓	18.9%	24
Low birthweight infants 1993-97/1998-2002	33	30	8.2%	7.4%	✓	7.8%	68
Infant mortality (per 1,000 live births) 1993-97/1998-2002	8	2	19.9	5.0	✓	7.7	29
Child deaths, ages 1-14* (per 100,000) 1993-97/1998-2002	1	1	13.0	14.1	X	24.9	18
Child abuse and neglect* (per 1,000) 1998/2002	6	54	3.1	30.9	X	44.3	14
Out-of-home placement entries (per 1,000) 1998/2002	10	15	5.2	8.6	X	5.1	91
Annual high school dropouts 1998/2002	18	19	4.0%	4.9%	X	3.7%	104
Births to teens, ages 15-19 (per 1,000) 1998/2002	7	6	26.9	25.4	✓	44.0	14
Violent deaths, ages 15-19* (per 100,000) 1993-97/1998-2002	5	0	189.5	0.0	✓	77.5	1

* Outcome not included in Composite County Rank

KIDS COUNT in Missouri 2003

Lewis County

► County Seat - Monticello

7

Composite
County
Rank

Outcome Measures	Number		Rate		Trend	State Rate	County Rank
	Base Year	Current Year	Base Year	Current Year			
Students enrolled in free/reduced lunch 1998/2002	586	619	34.4%	37.8%	X	37.9%	32
Births to mothers without h.s. diploma 1998/2002	25	15	18.1%	11.5%	✓	18.9%	13
Low birthweight infants 1993-97/1998-2002	32	38	5.2%	6.2%	X	7.8%	25
Infant mortality (per 1,000 live births) 1993-97/1998-2002	2	1	3.3	1.6	✓	7.7	3
Child deaths, ages 1-14* (per 100,000) 1993-97/1998-2002	1	0	10.3	0.0	✓	24.9	1
Child abuse and neglect* (per 1,000) 1998/2002	33	102	12.9	40.0	X	44.3	36
Out-of-home placement entries (per 1,000) 1998/2002	23	23	9.0	9.0	NC	5.1	96
Annual high school dropouts 1998/2002	13	7	2.5%	1.4%	✓	3.7%	9
Births to teens, ages 15-19 (per 1,000) 1998/2002	20	8	44.3	19.0	✓	44.0	4
Violent deaths, ages 15-19* (per 100,000) 1993-97/1998-2002	2	4	43.4	91.4	X	77.5	55

* Outcome not included in Composite County Rank

KIDS COUNT in Missouri 2003

Marion County

► County Seat - Palmyra

56

Composite
County
Rank

Outcome Measures	Number		Rate		Trend	State Rate	County Rank
	Base Year	Current Year	Base Year	Current Year			
Students enrolled in free/reduced lunch 1998/2002	1,868	1,996	36.0%	40.5%	X	37.9%	43
Births to mothers without h.s. diploma 1998/2002	99	90	24.8%	23.5%	✓	18.9%	71
Low birthweight infants 1993-97/1998-2002	134	154	6.9%	7.6%	X	7.8%	75
Infant mortality (per 1,000 live births) 1993-97/1998-2002	22	12	11.3	5.9	✓	7.7	44
Child deaths, ages 1-14* (per 100,000) 1993-97/1998-2002	12	7	41.4	25.4	✓	24.9	58
Child abuse and neglect* (per 1,000) 1998/2002	95	374	12.9	52.1	X	44.3	73
Out-of-home placement entries (per 1,000) 1998/2002	27	36	3.7	5.0	X	5.1	56
Annual high school dropouts 1998/2002	72	54	4.6%	3.6%	✓	3.7%	73
Births to teens, ages 15-19 (per 1,000) 1998/2002	66	50	57.4	45.5	✓	44.0	60
Violent deaths, ages 15-19* (per 100,000) 1993-97/1998-2002	8	7	76.1	62.8	✓	77.5	29

* Outcome not included in Composite County Rank

KIDS COUNT in Missouri 2003

Monroe County

► County Seat - Paris

21

Composite
County
Rank

Outcome Measures	Number		Rate		Trend	State Rate	County Rank
	Base Year	Current Year	Base Year	Current Year			
Students enrolled in free/reduced lunch 1998/2002	594	610	31.8%	34.8%	X	37.9%	24
Births to mothers without h.s. diploma 1998/2002	17	19	16.2%	17.4%	X	18.9%	35
Low birthweight infants 1993-97/1998-2002	36	44	6.9%	7.8%	X	7.8%	83
Infant mortality (per 1,000 live births) 1993-97/1998-2002	2	4	3.9	7.1	X	7.7	60
Child deaths, ages 1-14* (per 100,000) 1993-97/1998-2002	3	5	32.1	55.9	X	24.9	107
Child abuse and neglect* (per 1,000) 1998/2002	25	72	10.4	32.0	X	44.3	19
Out-of-home placement entries (per 1,000) 1998/2002	4	6	1.7	2.7	X	5.1	26
Annual high school dropouts 1998/2002	23	18	3.9%	3.0%	✓	3.7%	54
Births to teens, ages 15-19 (per 1,000) 1998/2002	12	9	36.9	26.7	✓	44.0	18
Violent deaths, ages 15-19* (per 100,000) 1993-97/1998-2002	8	3	253.6	86.0	✓	77.5	49

* Outcome not included in Composite County Rank

KIDS COUNT in Missouri 2003

Ralls County

► County Seat- New London

38

Composite
County
Rank

Outcome Measures	Number		Rate		Trend	State Rate	County Rank
	Base Year	Current Year	Base Year	Current Year			
Students enrolled in free/reduced lunch 1998/2002	281	308	30.5%	34.0%	X	37.9%	23
Births to mothers without h.s. diploma 1998/2002	18	16	20.9%	19.0%	✓	18.9%	46
Low birthweight infants 1993-97/1998-2002	25	31	5.5%	7.2%	X	7.8%	62
Infant mortality (per 1,000 live births) 1993-97/1998-2002	1	3	2.2	7	X	7.7	58
Child deaths, ages 1-14* (per 100,000) 1993-97/1998-2002	2	1	22.4	11.2	✓	24.9	14
Child abuse and neglect* (per 1,000) 1998/2002	24	72	10.2	31.6	X	44.3	17
Out-of-home placement entries (per 1,000) 1998/2002	12	14	5.1	6.1	X	5.1	70
Annual high school dropouts 1998/2002	6	7	2.2%	2.5%	X	3.7%	33
Births to teens, ages 15-19 (per 1,000) 1998/2002	14	12	44	34.2	✓	44	32
Violent deaths, ages 15-19* (per 100,000) 1993-97/1998-2002	0	7	0	195.9	X	77.5	108

* Outcome not included in Composite County Rank

KIDS COUNT in Missouri 2003

Shelby County

► County Seat - Shelbyville

16

Composite
County
Rank

Outcome Measures	Number		Rate		Trend	State Rate	County Rank
	Base Year	Current Year	Base Year	Current Year			
Students enrolled in free/reduced lunch 1998/2002	451	431	35.5%	37.3%	X	37.9%	30
Births to mothers without h.s. diploma 1998/2002	13	16	21.0%	21.1%	X	18.9%	57
Low birthweight infants 1993-97/1998-2002	21	35	5.0%	8.9%	X	7.8%	94
Infant mortality (per 1,000 live births) 1993-97/1998-2002	1	1	2.4	2.5	X	7.7	7
Child deaths, ages 1-14* (per 100,000) 1993-97/1998-2002	0	0	0	0	NC	24.9	1
Child abuse and neglect* (per 1,000) 1998/2002	19	55	10.8	35.4	X	44.3	22
Out-of-home placement entries (per 1,000) 1998/2002	20	16	11.4	10.3	✓	5.1	99
Annual high school dropouts 1998/2002	11	4	2.6%	1.1%	✓	3.7%	5
Births to teens, ages 15-19 (per 1,000) 1998/2002	10	5	37.5	18.5	✓	44	3
Violent deaths, ages 15-19* (per 100,000) 1993-97/1998-2002	1	2	40	72.2	X	77.5	36

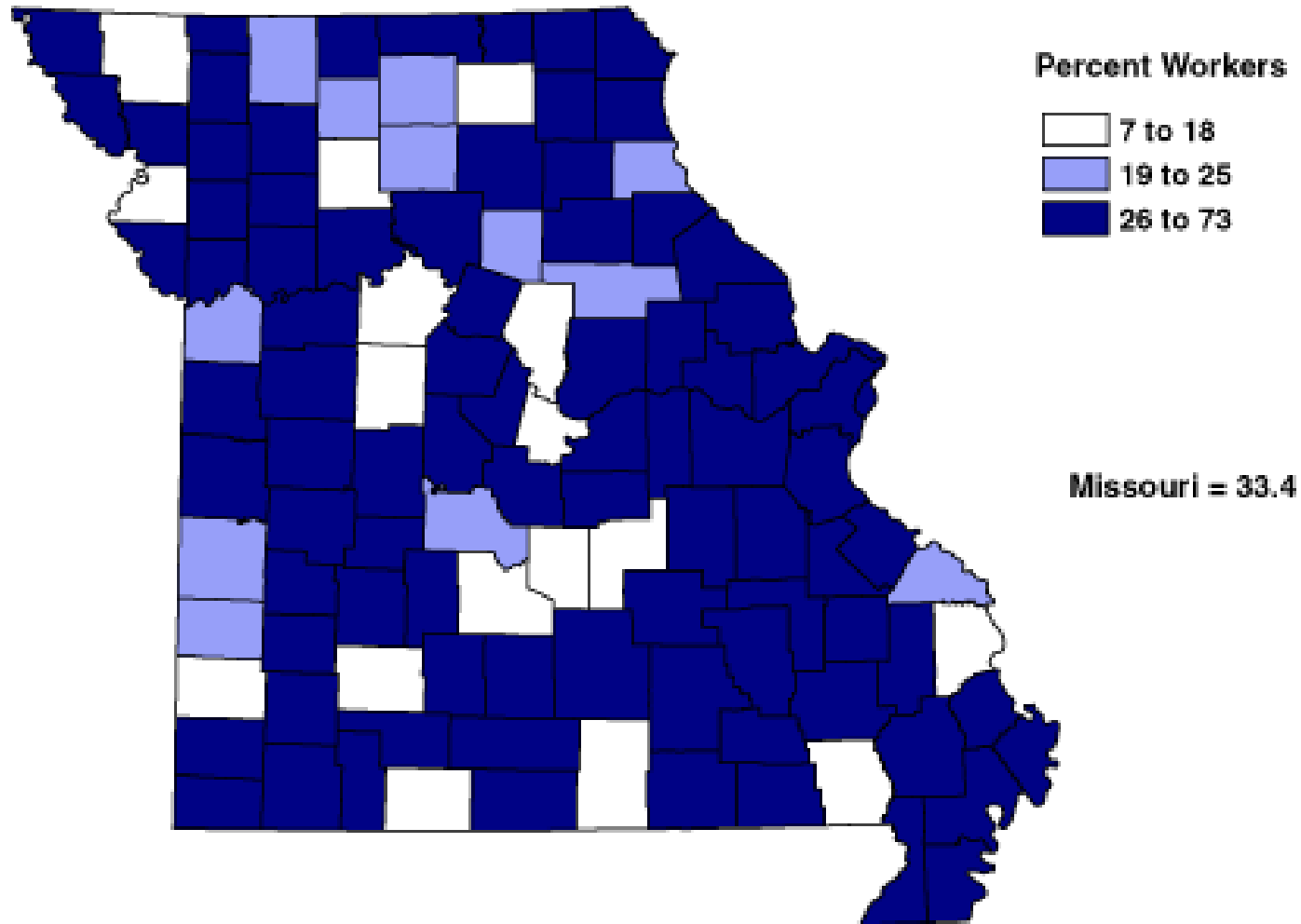
* Outcome not included in Composite County Rank

KIDS COUNT in Missouri 2003

REGIONALIZATION

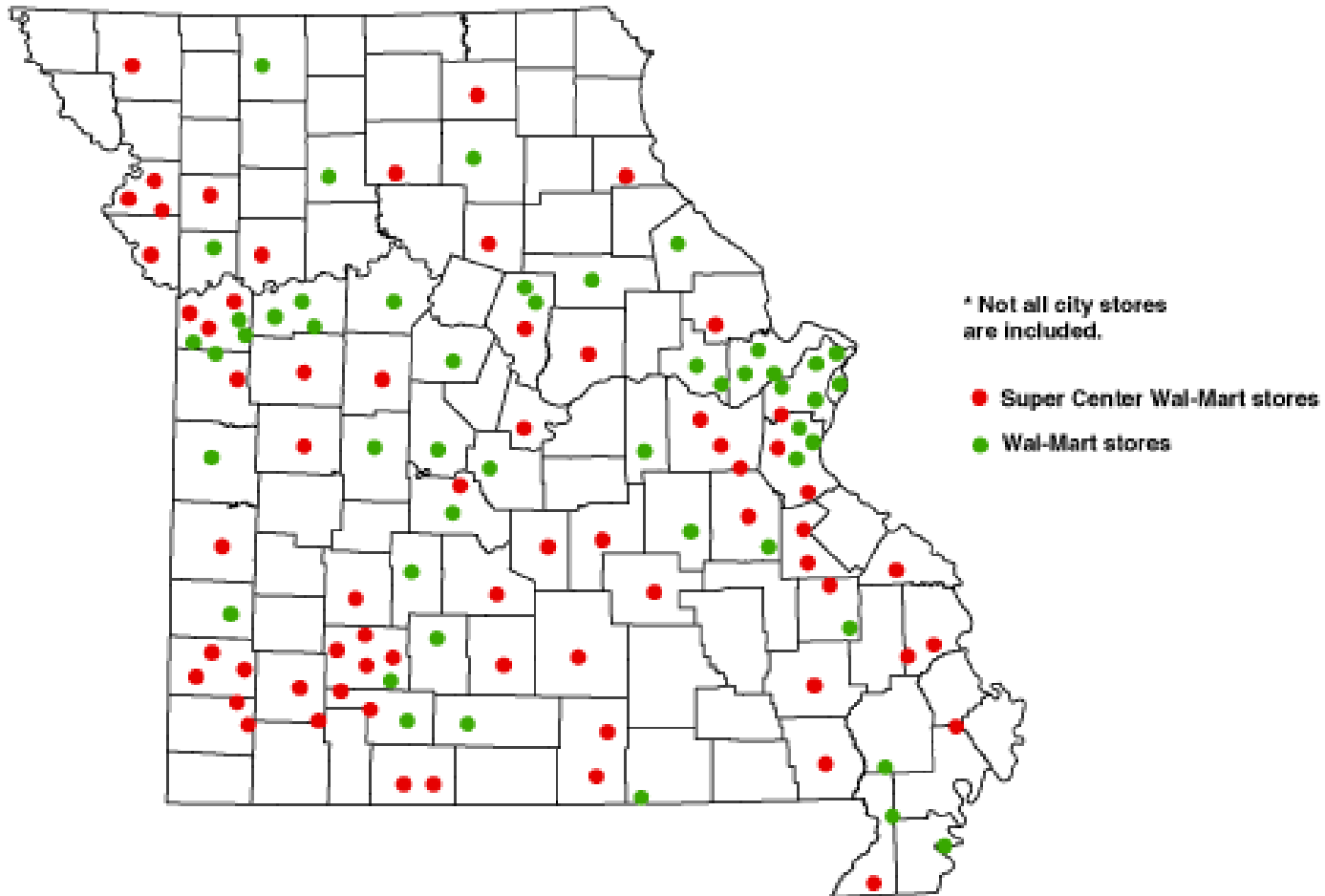
- WORK
- RETAIL TRADE
- HEALTH CARE
- IMPLICATIONS
 - Community
 - Public Finance

Workers Commuting Outside County of Residence 2000



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

Location of WAL-MART Stores in Missouri *



Source: Dr. Daryl Hobbs, University Outreach and Extension, Office of Social and Economic Data Analysis - (OSED)
Prepared by: University Outreach and Extension, Office of Social and Economic Data Analysis - (OSED)
Map Generated on 3.12.2003

CONSIDERATIONS REGARDING REGIONS

- > *All Economies are Regional*
- > *Regional Centers are vital to regional viability:*
 - They are essential to growth but not necessarily the location of growth.
 - The population of a place is not necessarily the determining factor in whether it is a regional center or not.
- > *Missouri is one of the most economically, geographically and culturally diverse states in the U.S*
 - It would facilitate planning and delivery of services if regional boundaries were drawn so that counties within a region were relatively homogeneous while the differences between regions would be relatively great. That would facilitate more effective targeting of training and educational services.
 - Ironically regional centers are more alike than the regions they serve.
- > *Transportation routes are a consideration in establishing regional boundaries. A concern is accessibility and it is easier to get to some regional centers from one direction than another.*