

Demographic Trends in the U.S. and Missouri: Implications for Urban Extension

September 2010

Columbia, Missouri

Dr. Bill Elder, Director



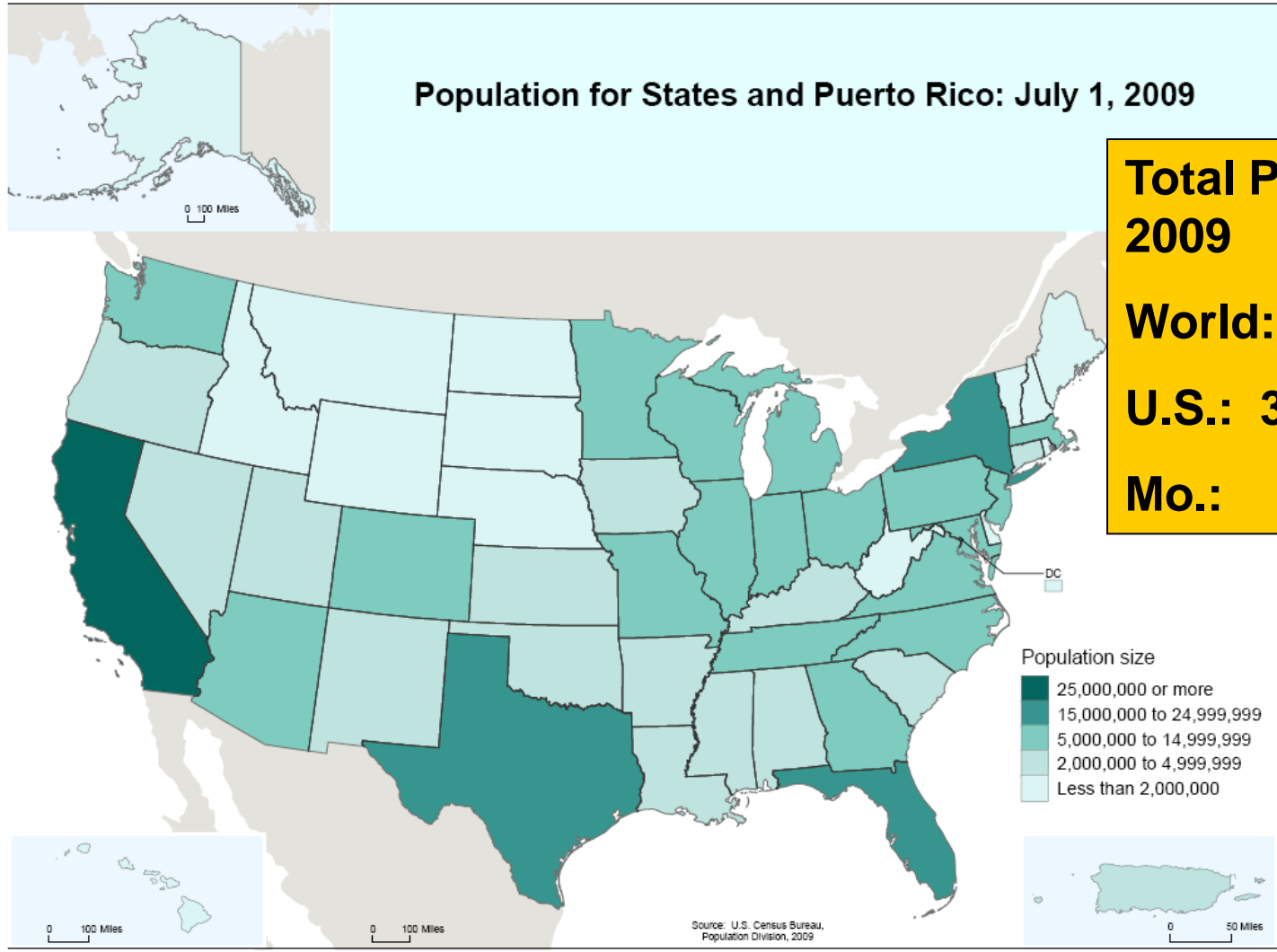
[Http://WWW.OSEDA.MISSOURI.EDU](http://www.osedata.missouri.edu)

- Data
- Information
- Knowledge
- Wisdom

“The construction of knowledge involves more the orderly loss of information than it’s meaningless accumulation.”

-- Kenneth Boulding

The *context* of population change in the U.S.



Total Population 2009

World: 6.8 Billion

U.S.: 307 Million

Mo.: 5,987,580

Population Change

Missouri 381,515 7%

US 24,834,593 9%

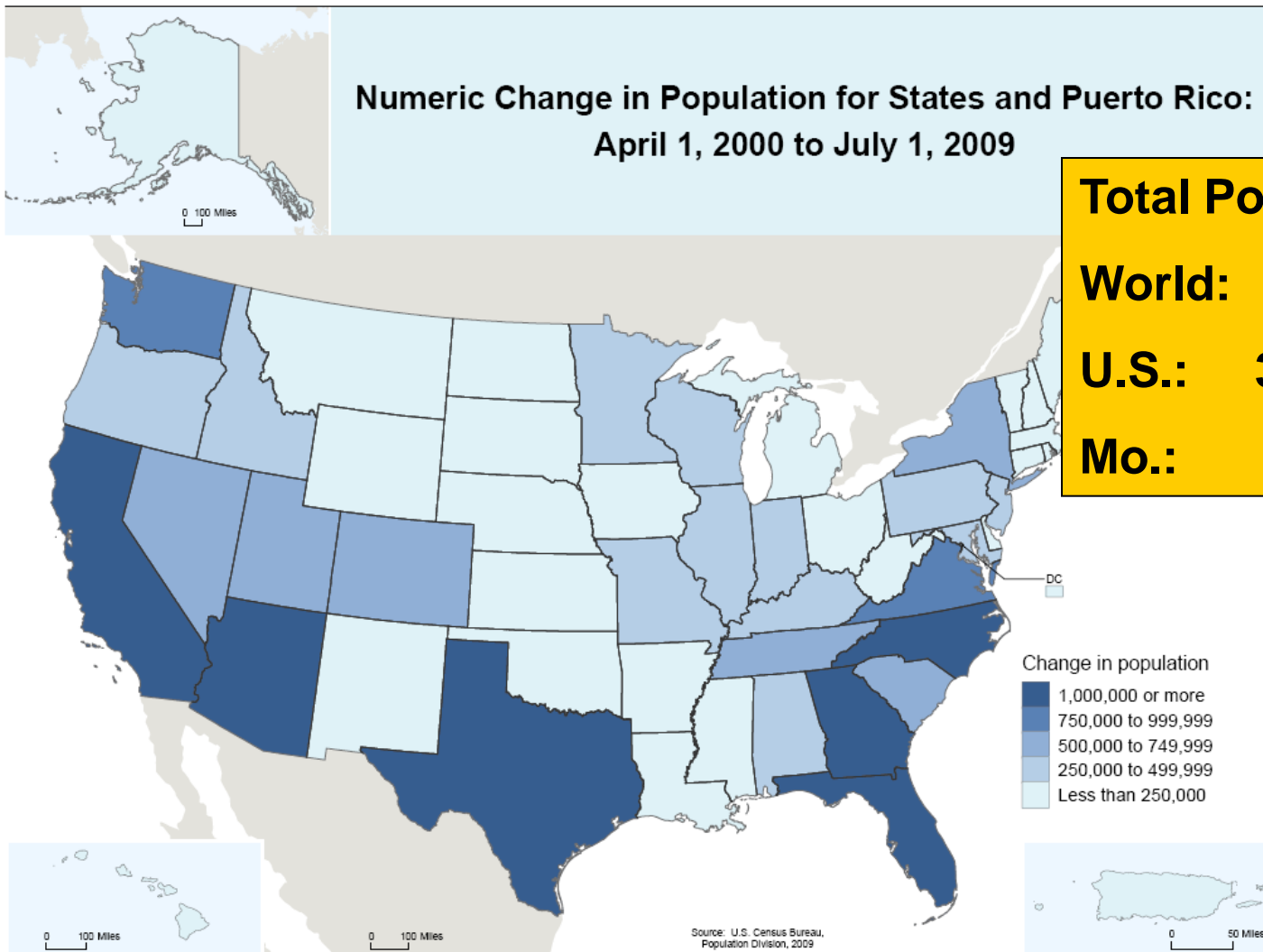
Numeric Change in Population for States and Puerto Rico:
April 1, 2000 to July 1, 2009

Total Population 2009

World: 6.8 Billion

U.S.: 307 Million

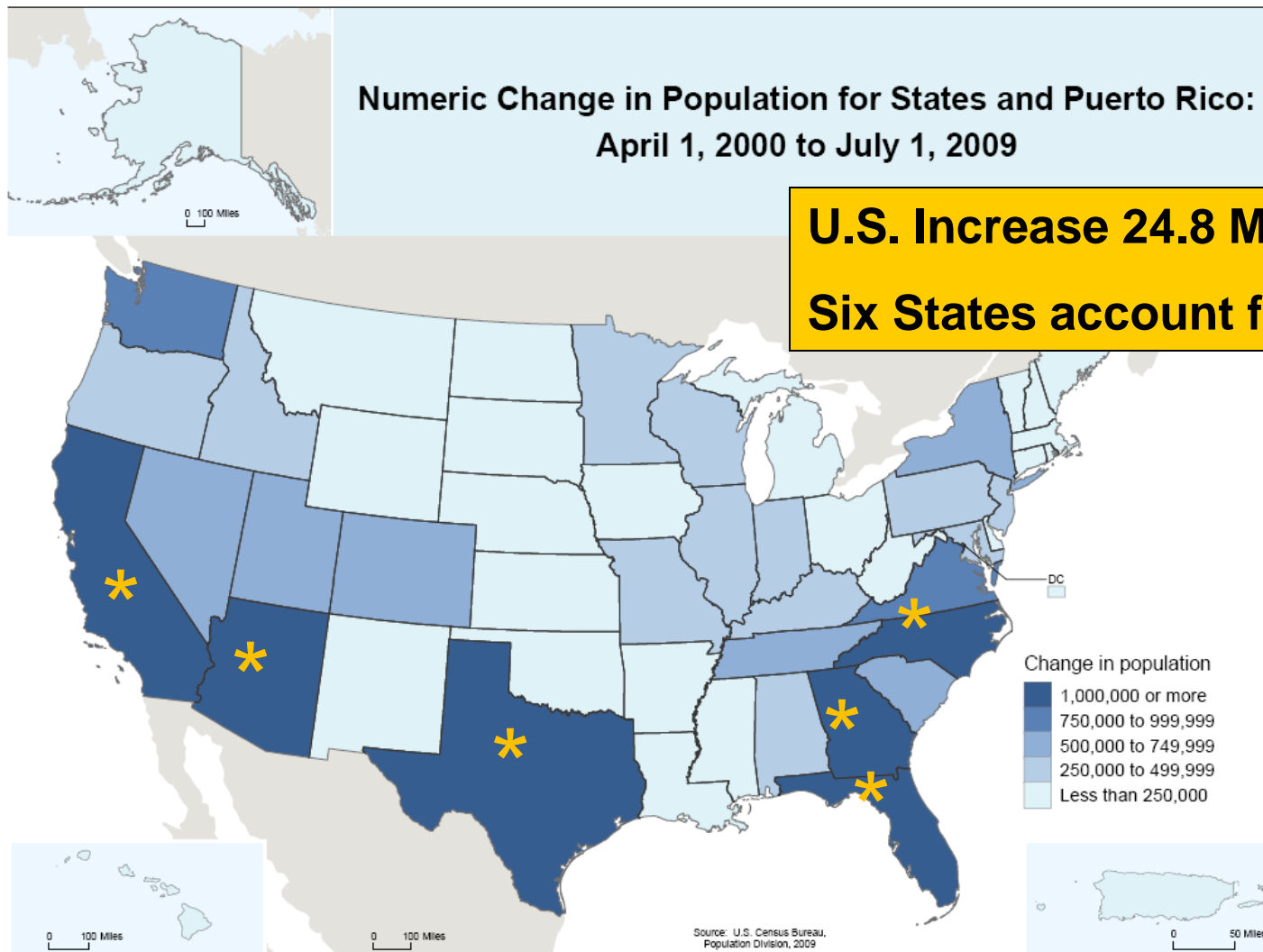
Mo.: 5,987,580



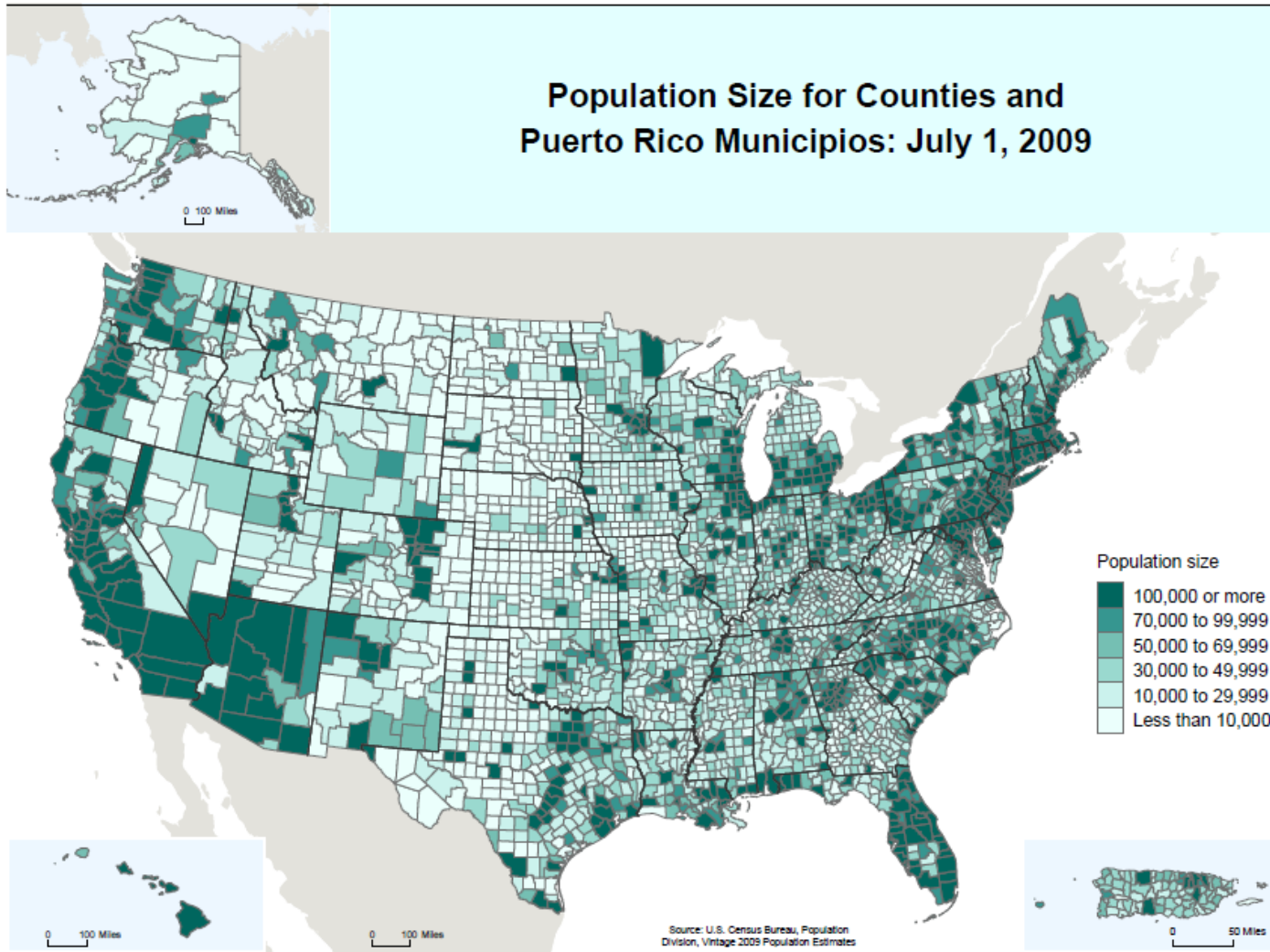
Relative Concentrations of Growth

Numeric Change in Population for States and Puerto Rico:
April 1, 2000 to July 1, 2009

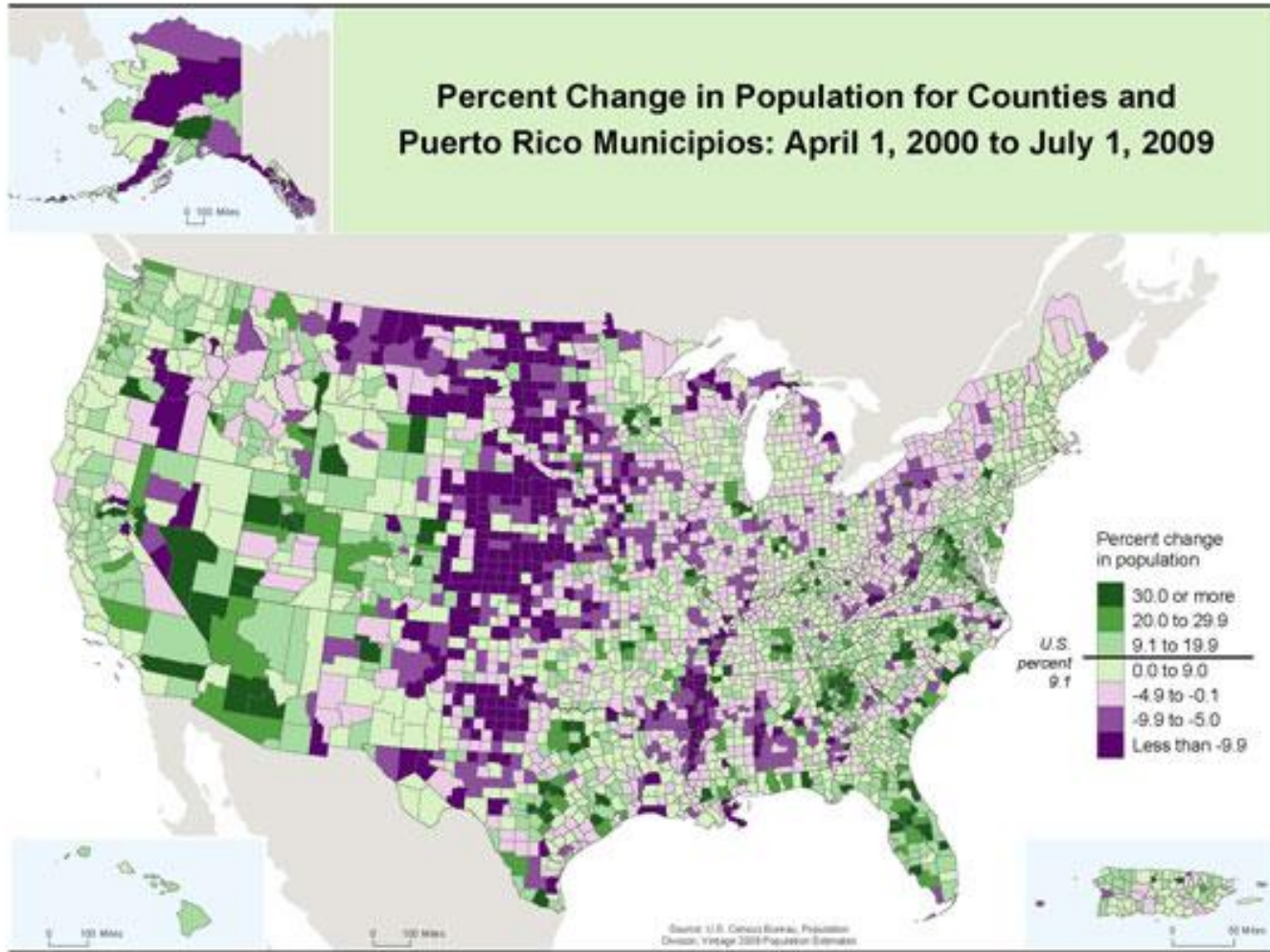
U.S. Increase 24.8 Million (8.8%)
Six States account for 55%



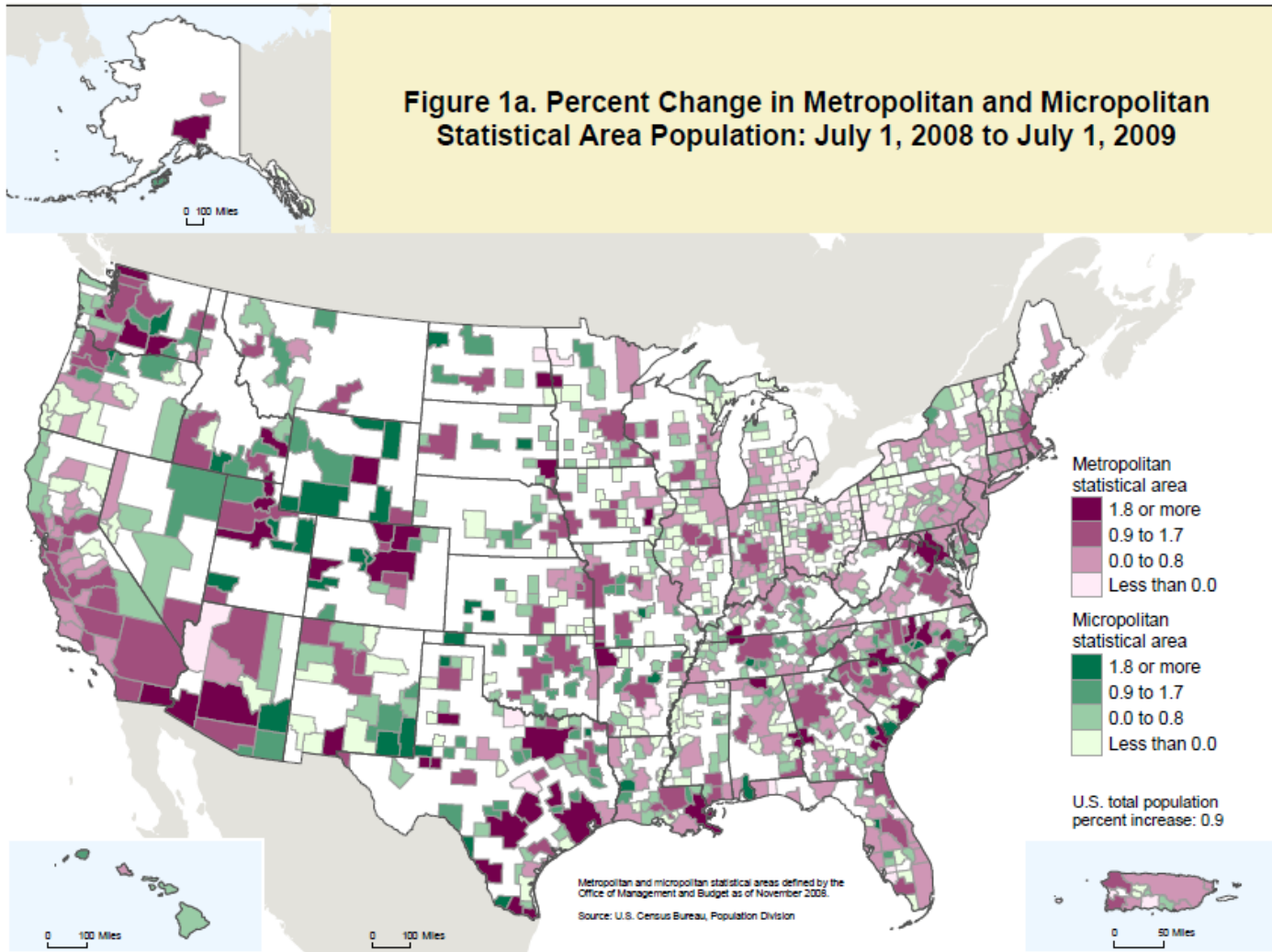
In Missouri nearly 80% of us live on about 3% of our land



Diverse Trends: Regions within Regions – and within urban areas



Core Based Statistical Areas



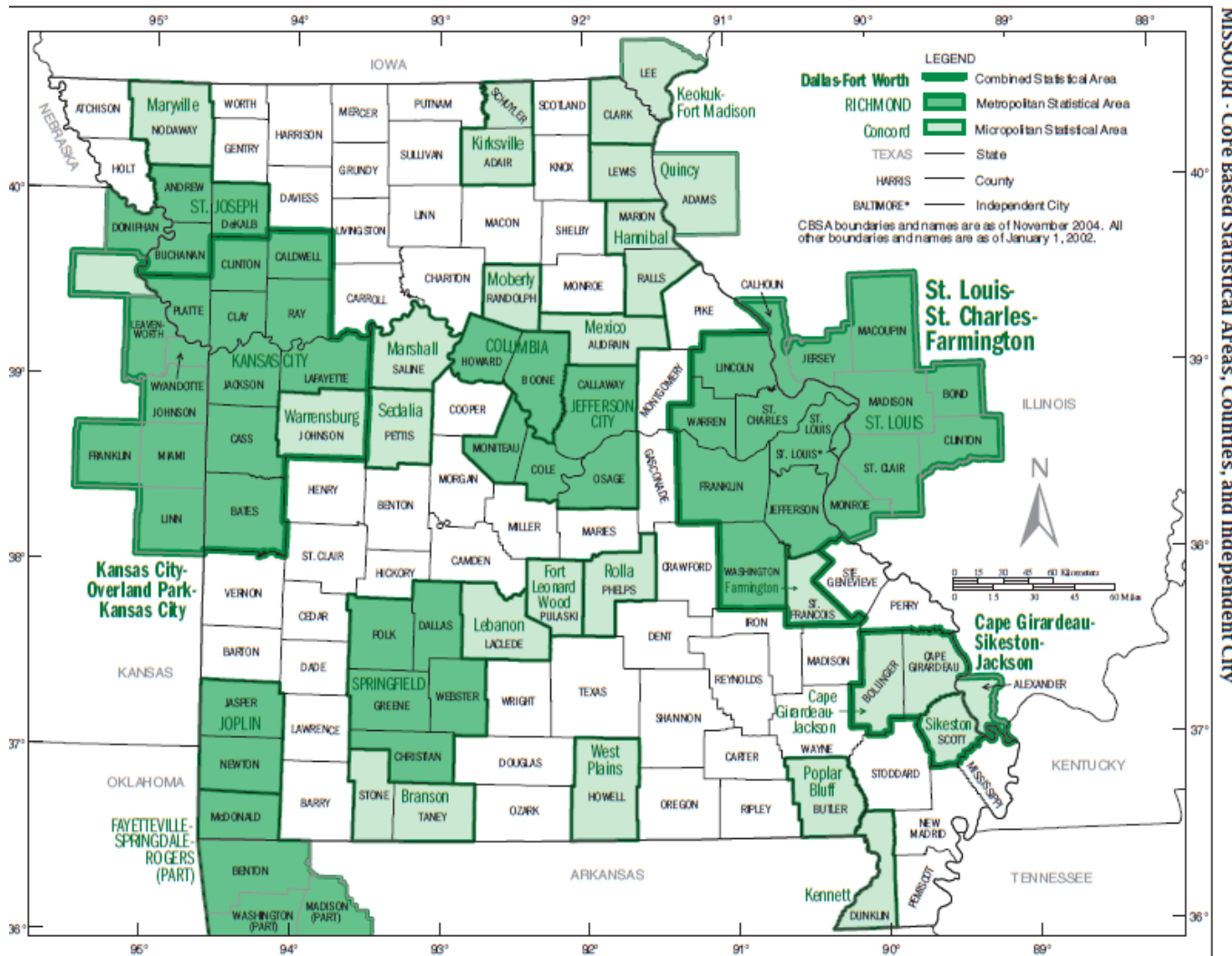
Census

- Core Based Statistical Areas (land)
- Metropolitan Areas (*county level*)
 - “non-metropolitan” everything not Metro
- Urbanized Areas (*block level*)
 - “rural” everything not “urban”
- “Micropolitan” Areas” part of Non-Metro
- For Details Google OSEDA
 - MCDC and John Blodgett

Census

- 97.4% of the land area in the state of Missouri is classified as “rural”
- 30.6% of the population is classified as living in rural areas.
- Almost 70% of the population of MO lives in 2.6% of the land that is Metro
- Nationwide, the same 97.4% of the land area is rural, but nearly 80% of the population lives in Metro America.

Missouri Core Based Statistical Areas

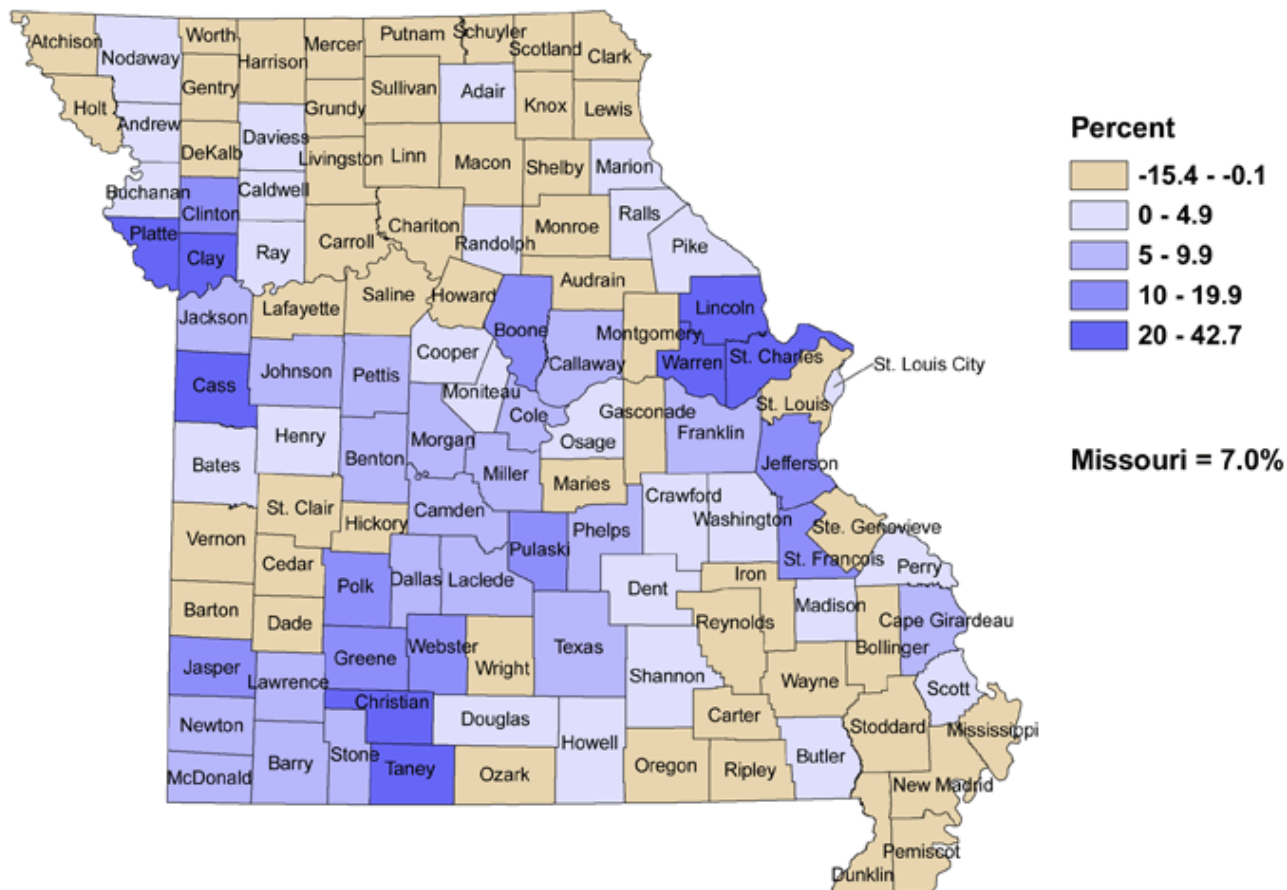


Missouri Core Based Statistical Areas

	2009 2009 Count	2009 Proportion	<i>2000-2009 Change</i>	Pct Change
Missouri	5,987,580	100.0%	<i>392,369</i>	<i>7.0%</i>
Metro	4,509,800	75.3%	<i>357,792</i>	<i>8.6%</i>
"Mirco"	694,120	11.6%	<i>36,116</i>	<i>5.5%</i>
"Rural"	783,660	13.1%	<i>(1,539)</i>	<i>-0.2%</i>

Patterns of growth -- urban flows

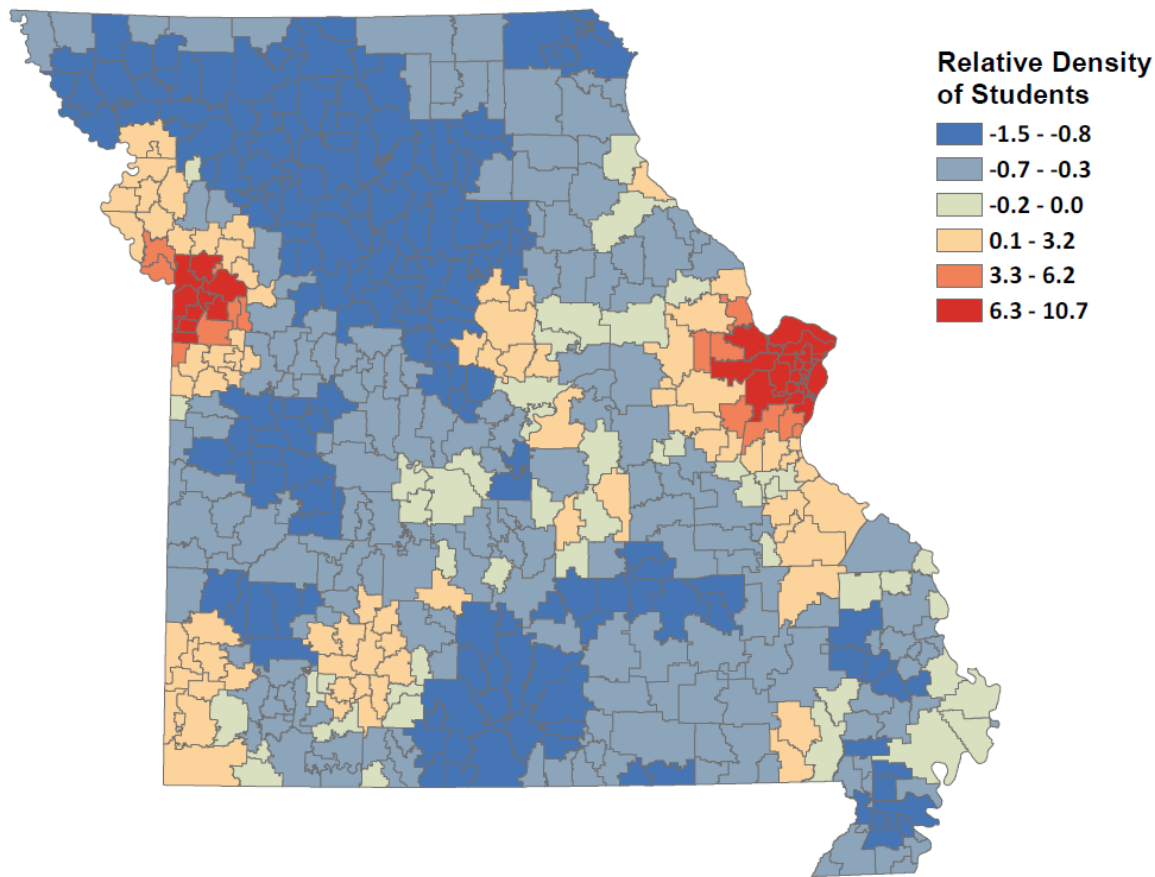
Percent Change in Total Population by County, 2000-2009



Data Source: USDC, Bureau of the Census, Federal State Cooperative for Population Estimates, 2009
Map Prepared By: University of Missouri Extension, Office of Social and Economic Data Analysis (OSED A)
Map Generated On: 15 Jun 2010

Other data that shows urban concentration

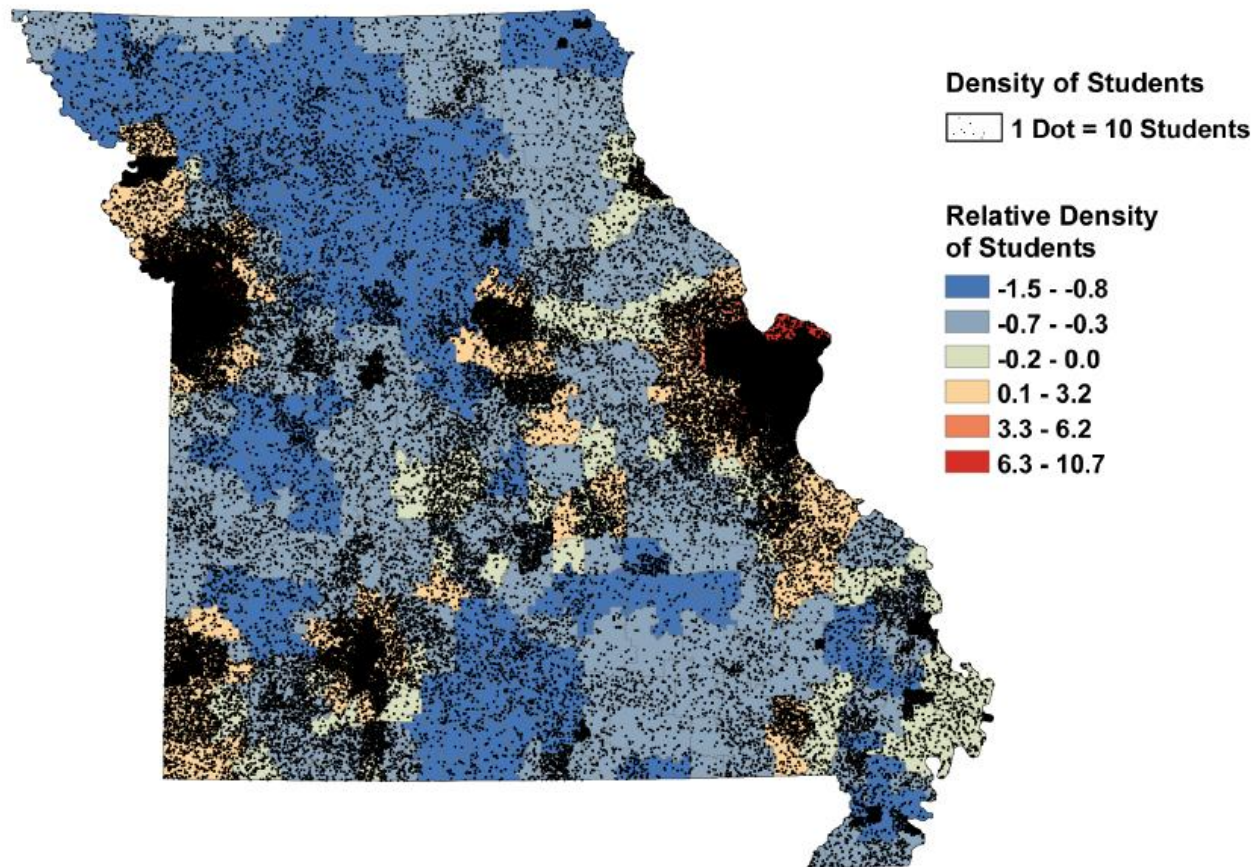
K-12 Relative Density of Student Enrollment by School District, 2010



Data Source: Department of Elementary and Secondary Education, 2010
Map Prepared By: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)
Map Generated On: 21 Sep 2010

Dots make the concentration more apparent

K-12 Relative Density of Student Enrollment by School District, 2010 with Dot Density Overlay



Data Source: Department of Elementary and Secondary Education, 2010
Map Prepared By: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)
Map Generated On: 21 Sep 2010

On the Brink of New Data

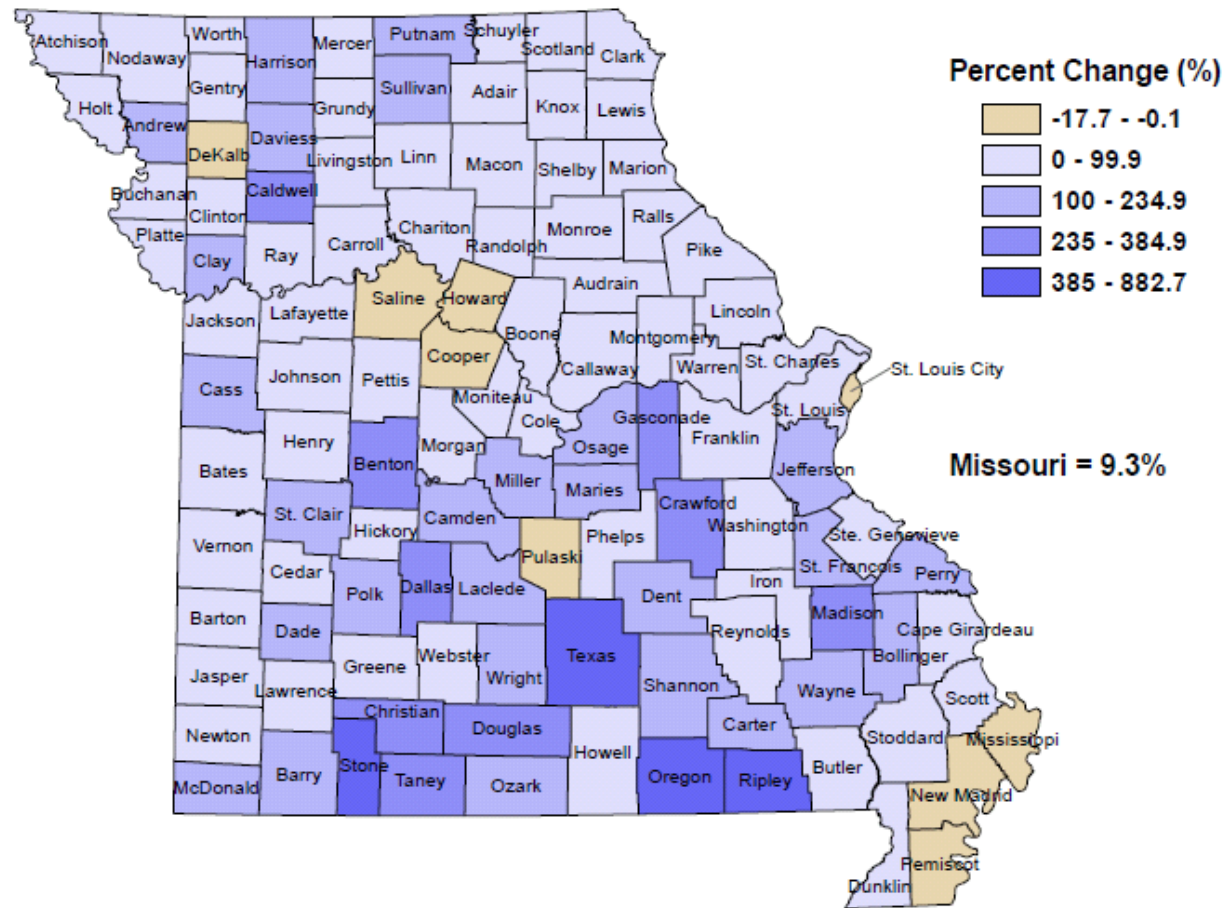
- New 2009 ***American Community Survey*** (ACS) Data – within days
- New (5 year) ACS in December
- New 2010 counts in December
- New Definitions of Metros and Urban Areas in @ 2012
- ***Be careful with small area variability***

A few of the Urban Challenges

- Hispanic Growth – not just rural areas
- Educational Issues
- ***Your list for extension work.....***
 - ***Communities of interest***
 - ***Connections to stakeholders***
 - ***Cultural and class connections***
 - ***Building social capital (networks)***

Urban Challenges ... Reaching Important Stakeholder Groups

Percent Change in African American Population, 2000-2009

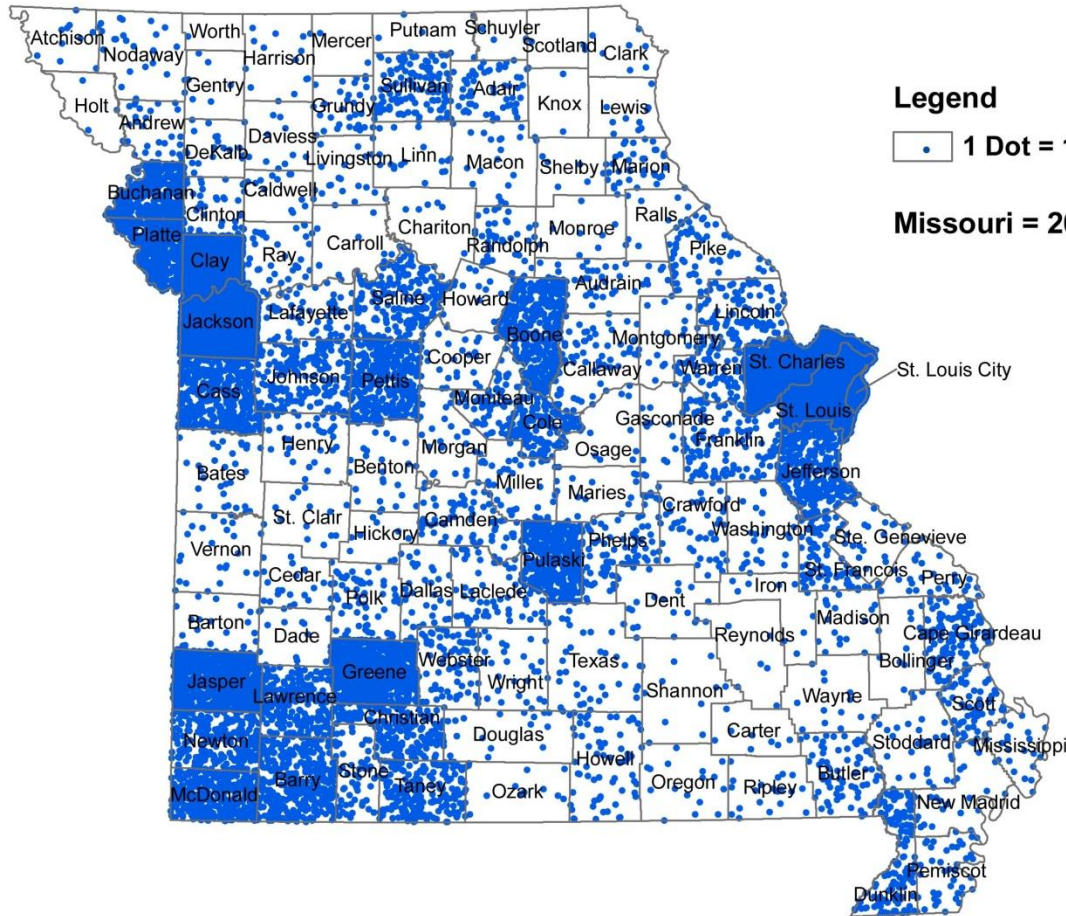


Data Source: U.S. Census Bureau, Population Division, Population Estimates, 2010
 Map Prepared By: University of Missouri Extension, Office of Social and Economic Data Analysis (OSED)A
 Map Generated On: 28 Sep 2010



Latinos are important part of our urban growth

Hispanic or Latino Population, 2009



Legend
1 Dot = 10 People

Missouri = 203,907

Growth of the Hispanic Population In Missouri impacts urban as well as rural areas

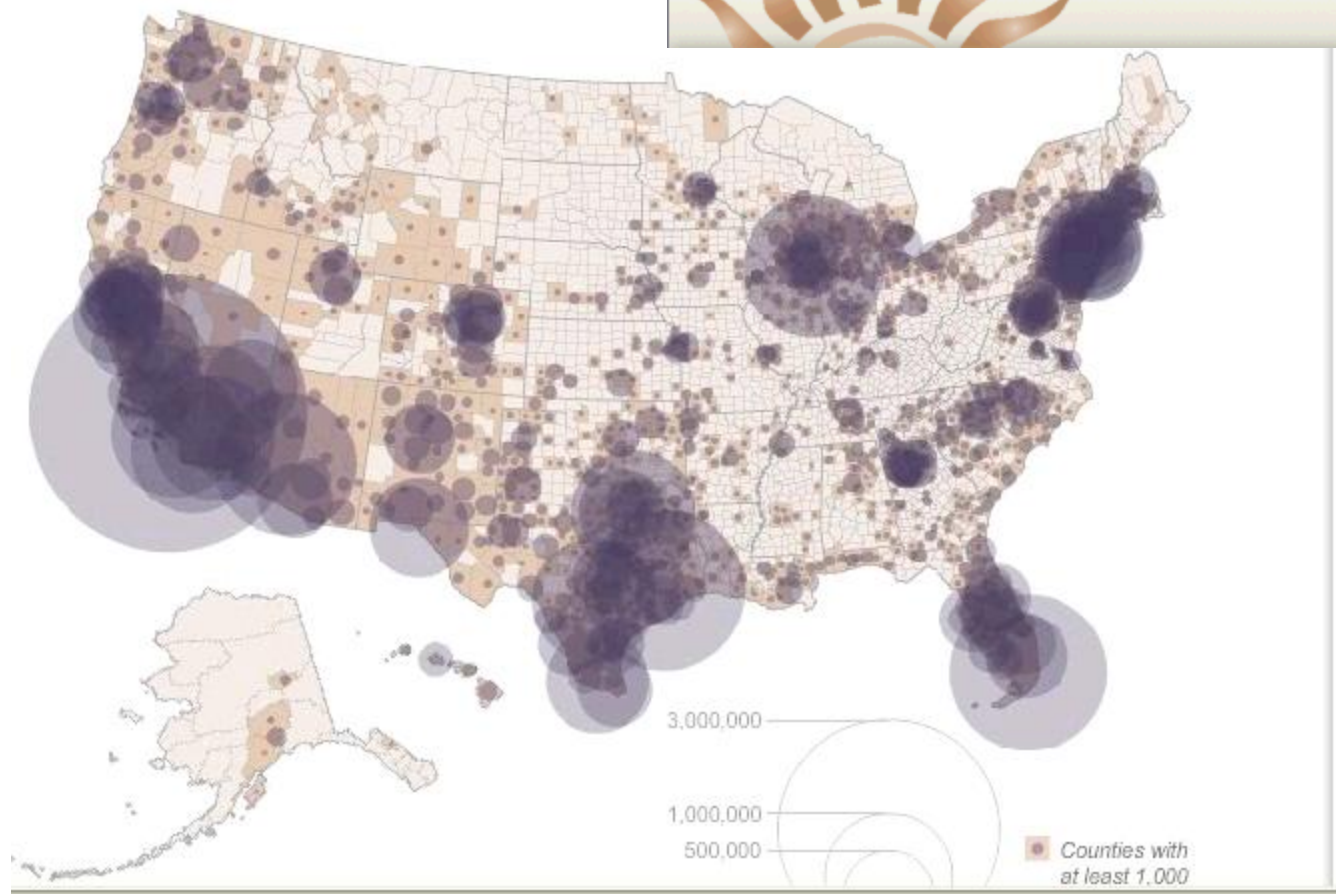
Data Source: U.S. Census Bureau, Population Division, Population Estimates, 2010
Map Prepared By: University of Missouri Extension, Office of Social and Economic Data Analysis (OSED)A
Map Generated On: 23 Sep 2010

Hispanic Growth as an urban issue

Missouri Population Change 2000-2009

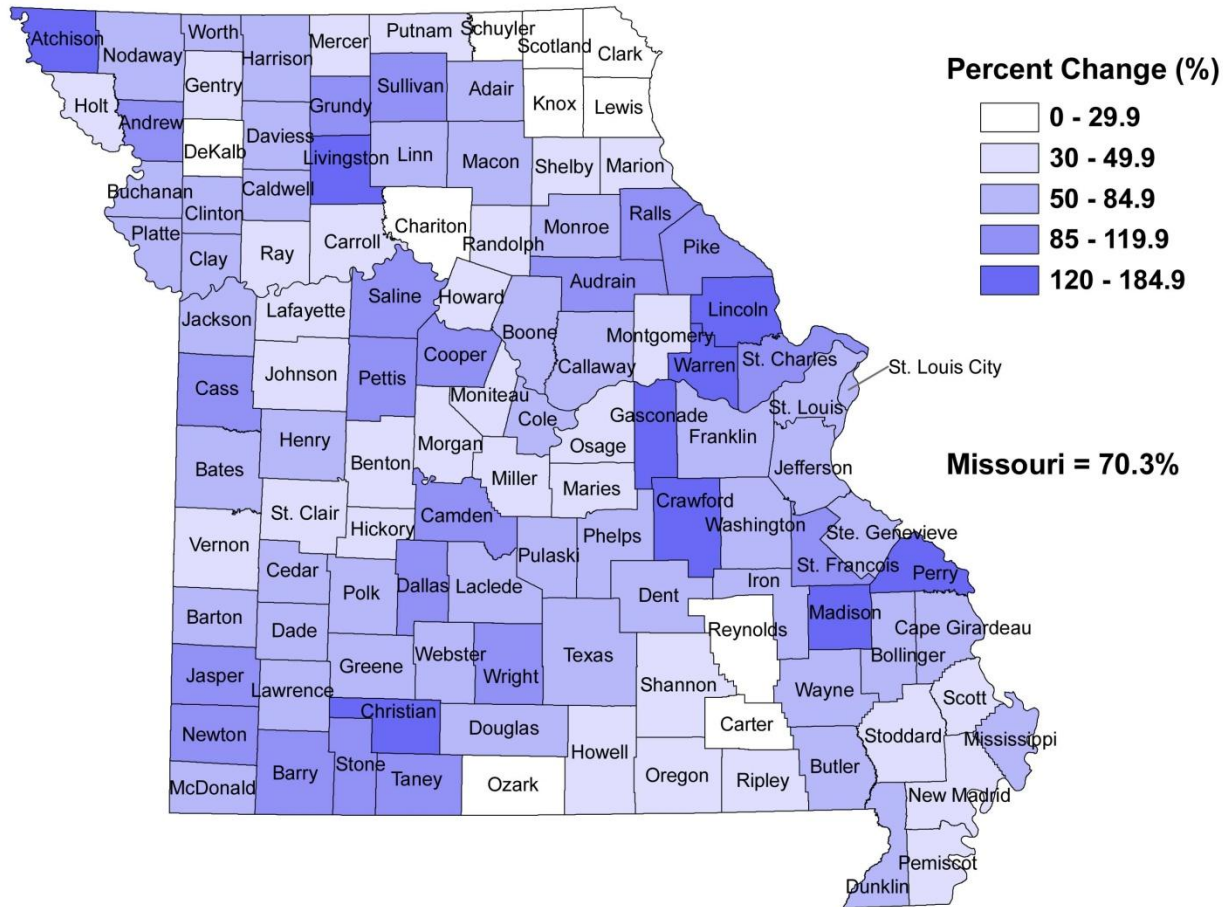
	<i>2000</i>	<i>2009</i>	<i>Change</i>	<i>Percent Change</i>
Total	5,606,065	5,987,580	381,515	6.8%
<i>Hispanic</i>	<i>119,740</i>	<i>203,907</i>	<i>84,167</i>	<i>70.3%</i>
Non-Hispanic	5,486,325	5,783,673	297,348	5.4%
Hispanic Percent	2.1%	3.4%	22.1%	

Latinos are important component of our growth



Location of the Latino Population, 2008

Percent Change in Hispanic or Latino Population, 2000-2009



Data Source: U.S. Census Bureau, Population Division, Population Estimates, 2010
Map Prepared By: University of Missouri Extension, Office of Social and Economic Data Analysis (OSEDA)
Map Generated On: 23 Sep 2010

Latinos are important component of our growth

Trends from education data

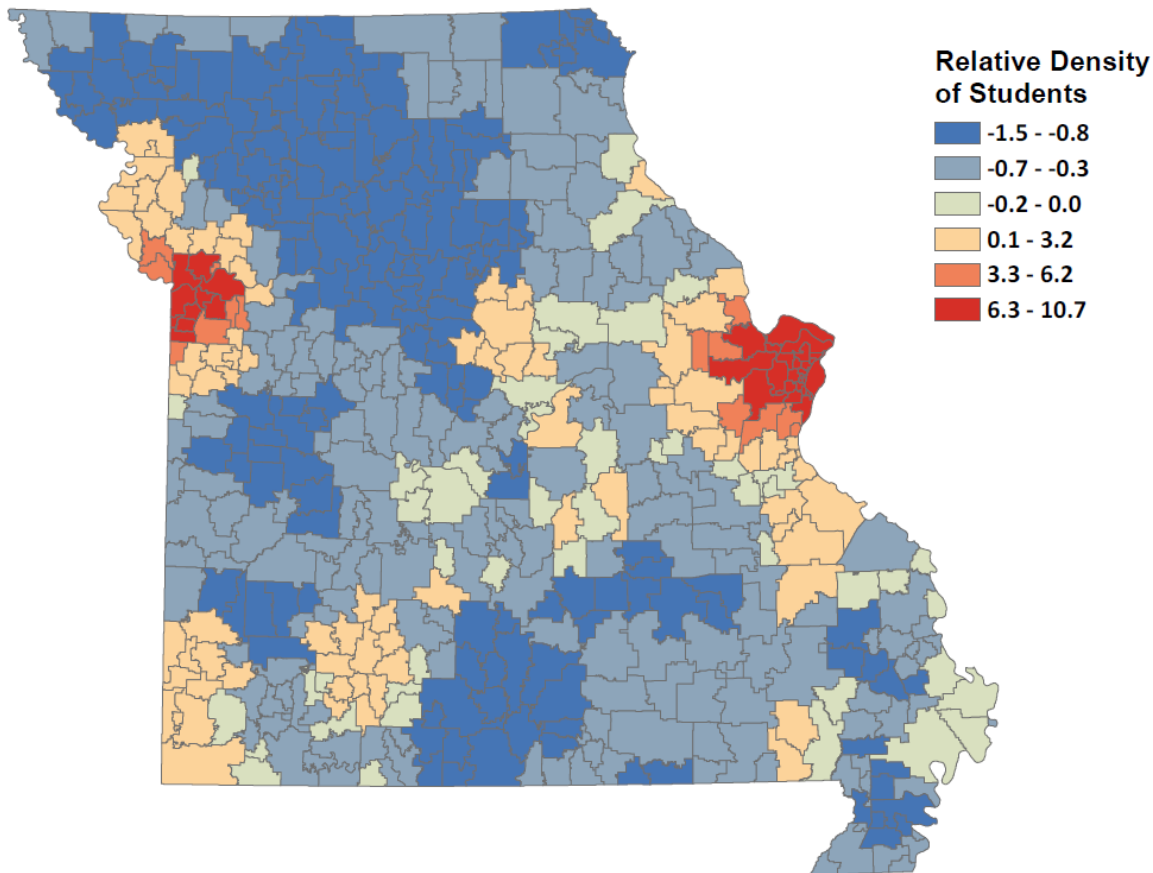
Missouri Public School Enrollment				
Year	2005	2009	Change	
Total Enrollment	894,809	892,279	-2,530	-0.3%
Hispanic (Number Percent)	25,166	33,994	8,828	35.1%
	2.8	3.8		

Inadequate Prenatal Care

Ethnicity	Number	Rate (per 100)
Hispanic	803	18.7
Non-Hispanic	8,328	11.5
All	9,150	11.9

Source: Missouri Department of Health and Senior Services (MICA)

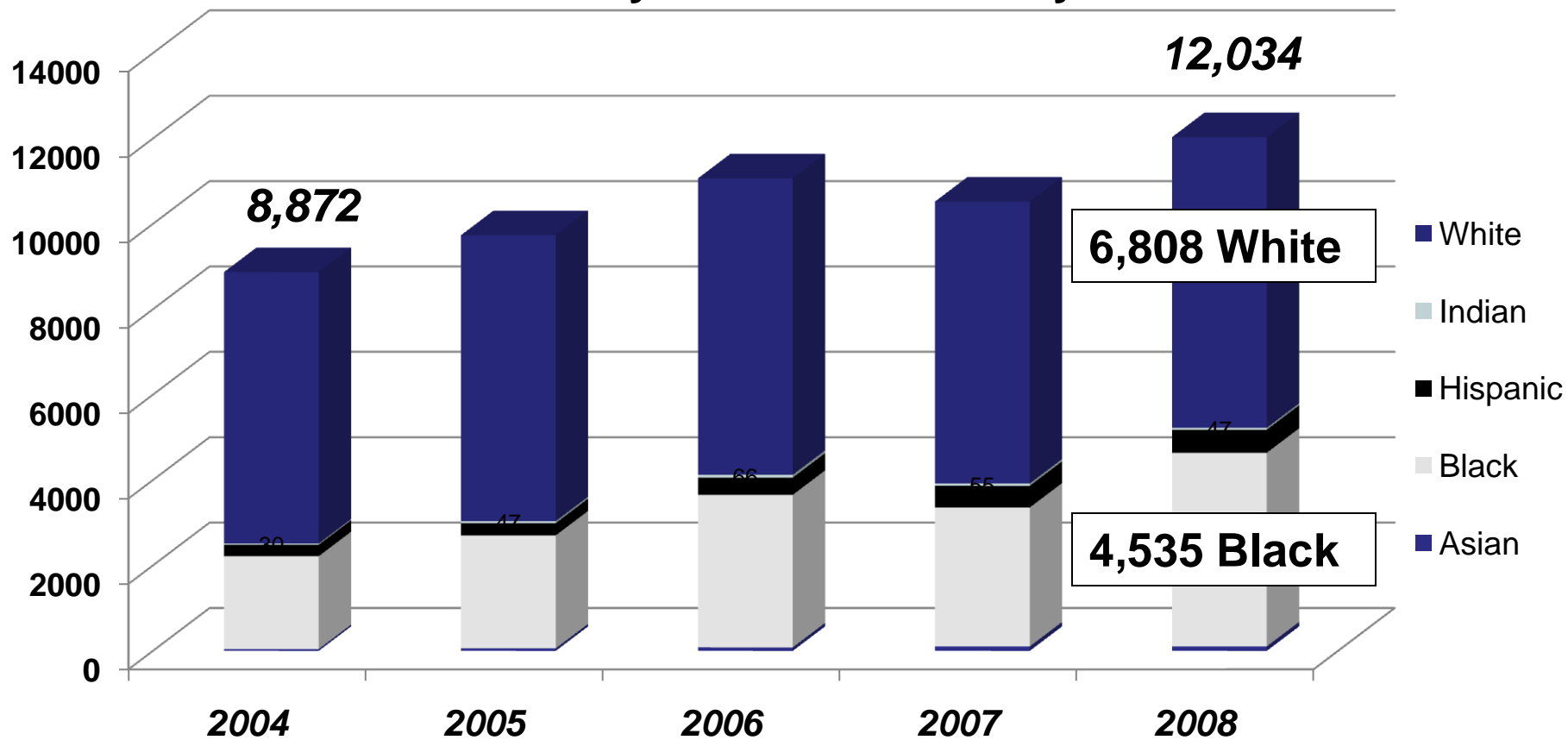
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The Number of Missouri High School Dropouts Increased by 3,162 or 36% from 2004 to 2008

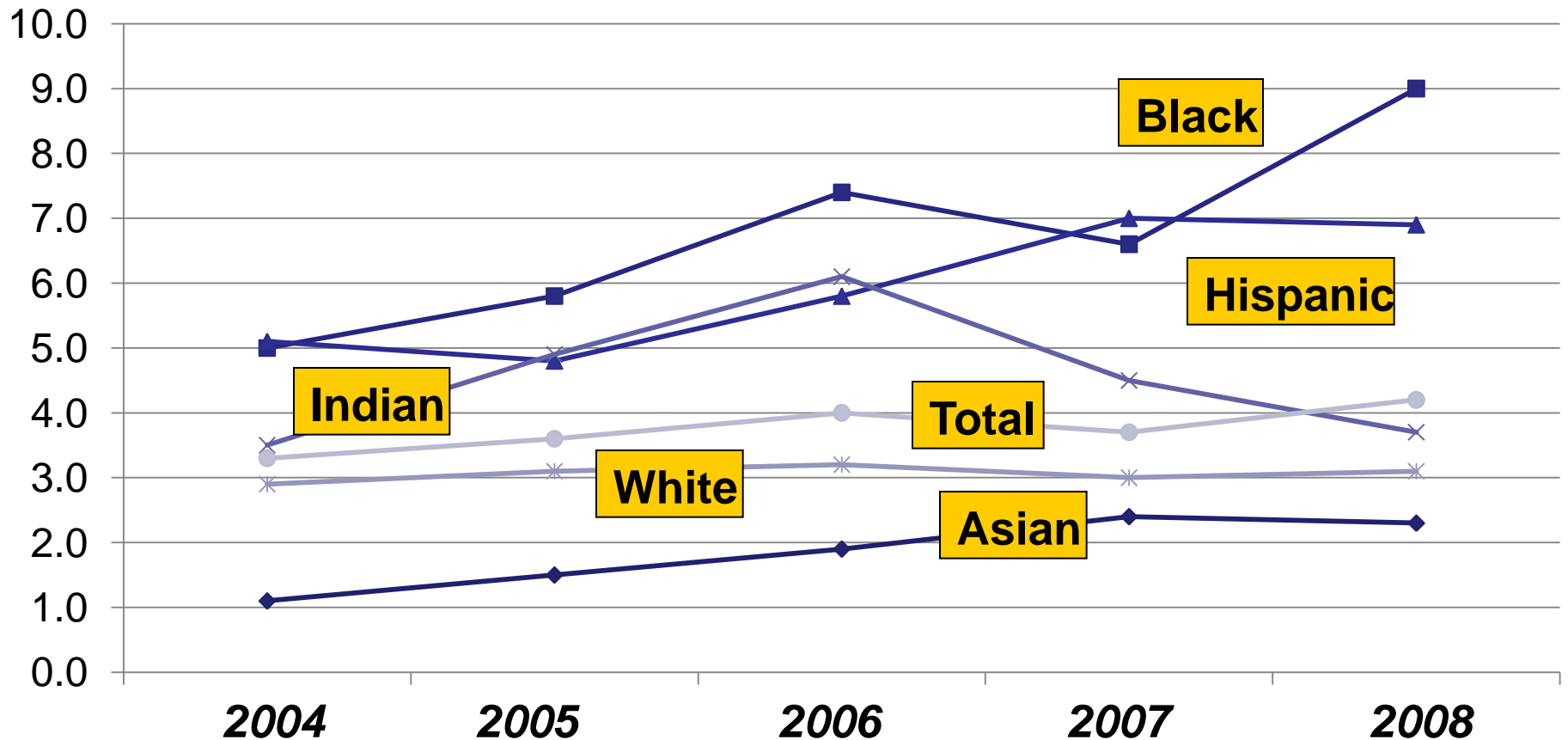
Missouri High School Dropouts 2004-2008 By Race and Ethnicity



Source: DESE, 2009 School Data

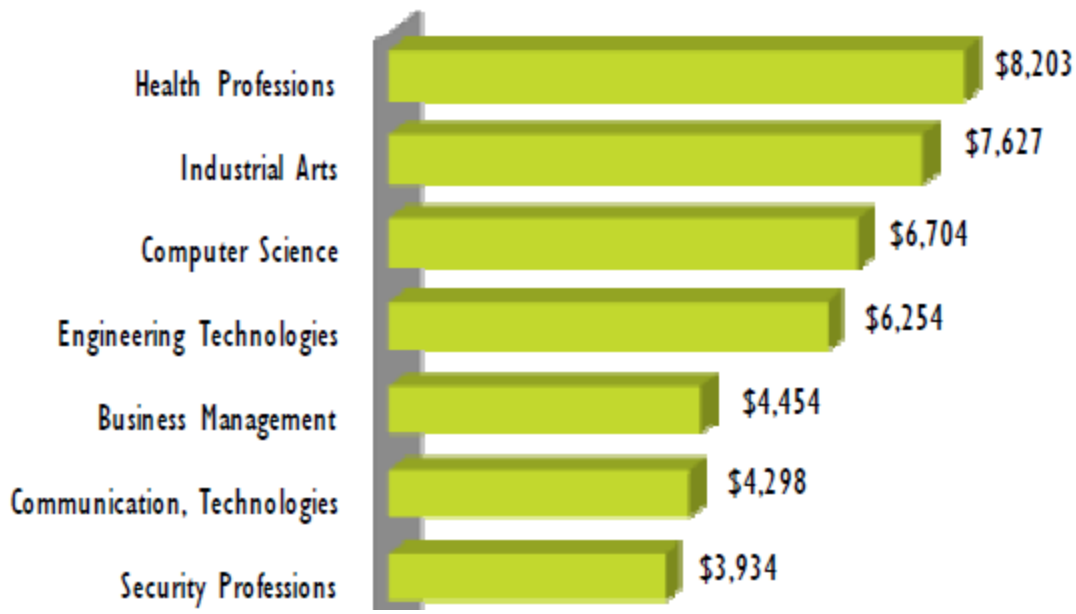
Overall, Missouri rates increased modestly. Black & Hispanic rates are higher and increasing

Missouri High School Annual Dropout Rate 2004-2008 by Race and Ethnicity



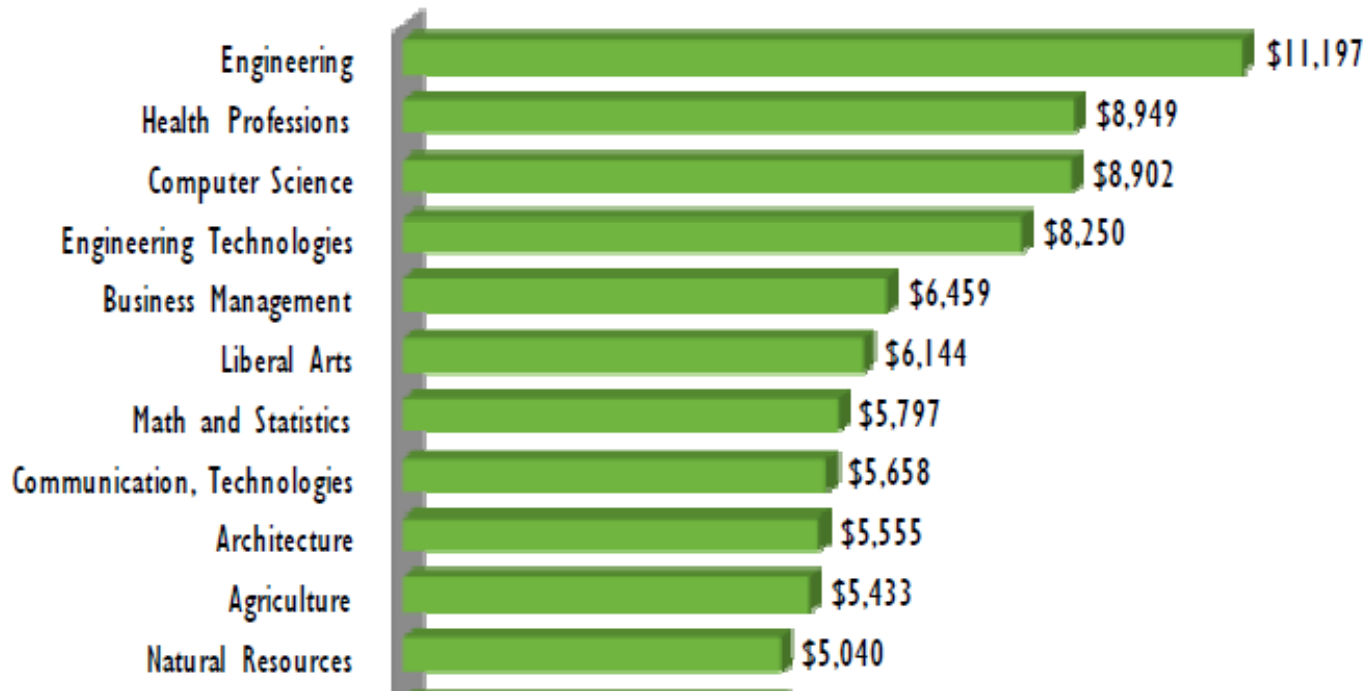
From the “Employer” Report: Returns to Associate Degrees

**Average Wage (2008Q3) for College Graduates -
Associates Degree Completers by Subject**



From the “Employer” Report: Returns to Bachelor Degrees

**Average Wages (2008Q3) for College Graduates-
Bachelors Degree Completers by Subject**



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