

The Human Dimension of the Kansas Economy 1970 - 2008

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 - Genna Hurd
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Kansas Economy—Human Dimension

- Examine how changes in:
 - Population
 - Employment
 - Education
- Have contributed to recent economic growth and change
 - In Kansas
 - Relative to neighboring states
 - Relative to rest of the country

Population Trends

United States

- Population Growth
 - 48.2 % 1970 – 2008
- Aging of population
 - > 65 Years of Age
 - 10.2% in 1970
 - 12.4 % in 2003
 - 5-17 Years of Age
 - 24.5 % in 1970
 - 18.3 % in 2003

Kansas

- Population Growth
 - 18.6 % 1970 – 2008
- Aging of population
 - > 65 Years of Age
 - 12.2% in 1970
 - 13 % in 2003
 - 5-17 Years of Age
 - 23.7 % in 1970
 - 18.6% in 2003

Population Trends

United States

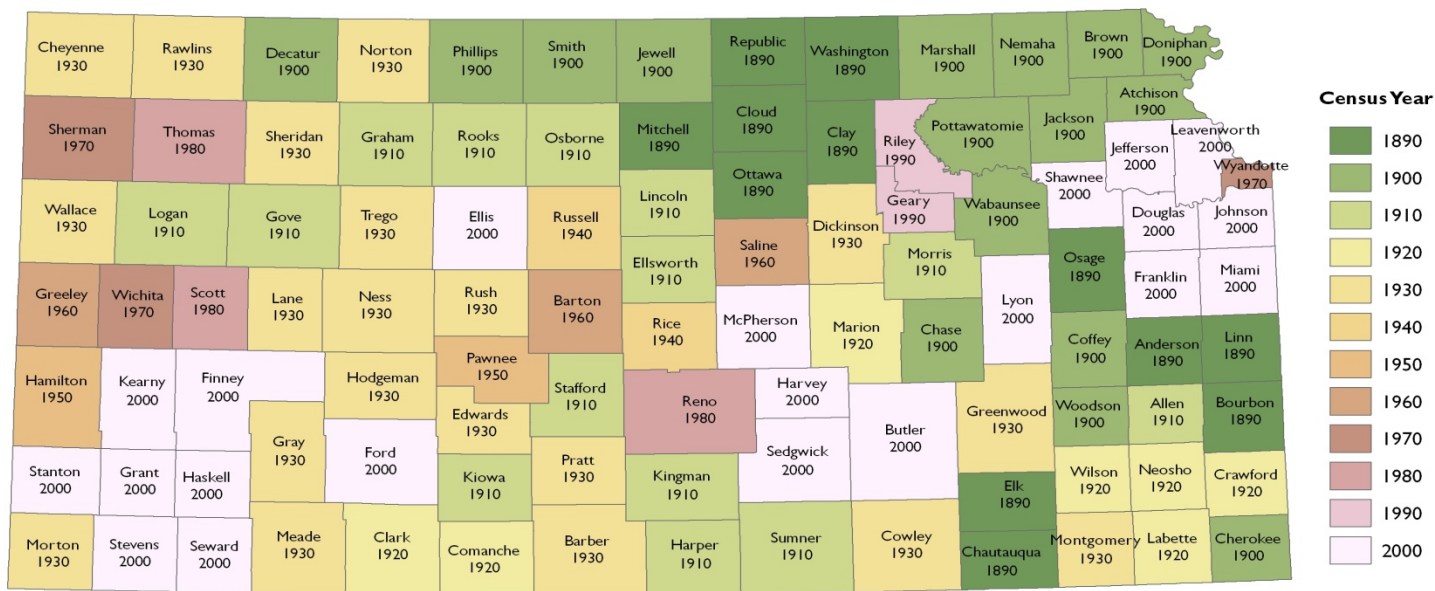
- Increased immigration
 - 11.1% of population in 2000
 - 42.4% increase 1990-2000
- Changes in racial composition
 - 87.2% white in 1970
 - 80.5 % white in 2003

Kansas

- Increased immigration
 - 5% of population in 2000
 - 55.1% increase 1990-2000
- Changes in racial composition
 - 94.7% white in 1970
 - 86.1 % white in 2003

Maximum Population by Year

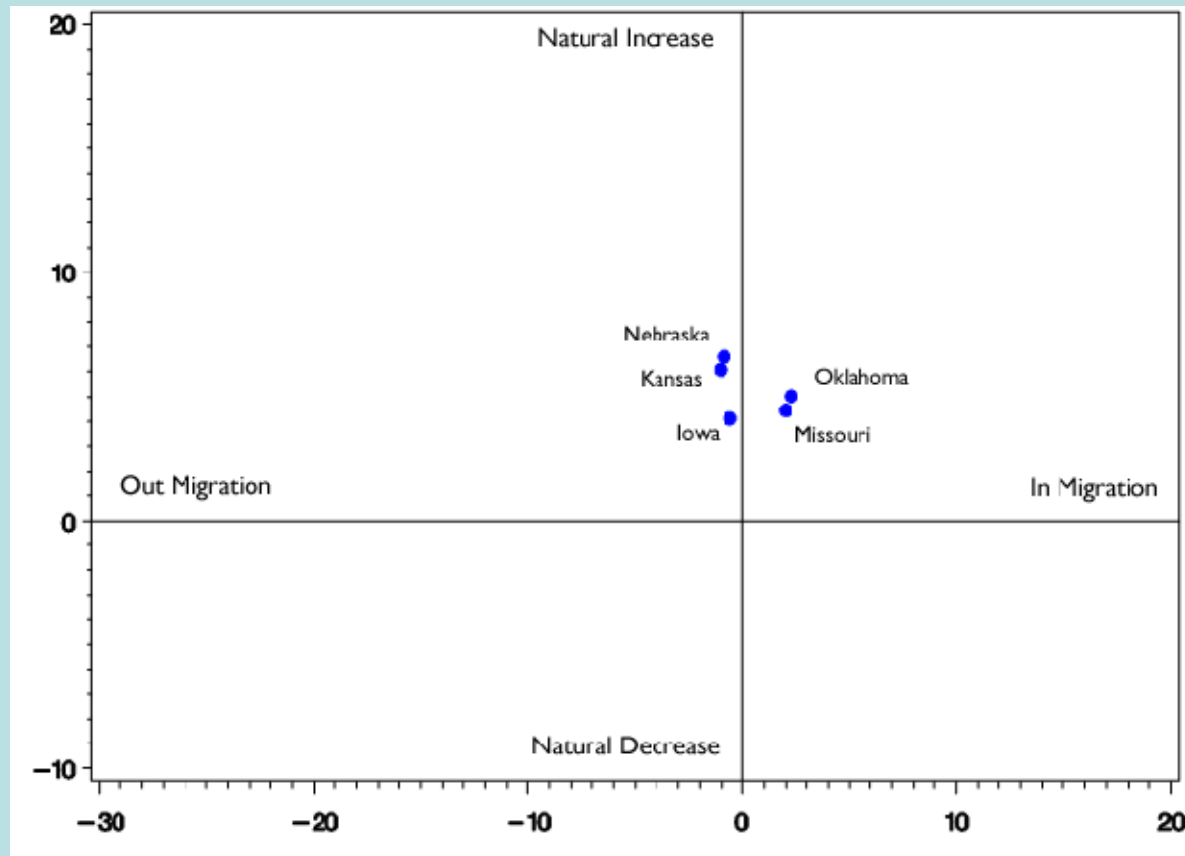
Census Year of Maximum Population by Kansas County, 1890-2000



Source: U.S. Census Bureau, Decennial Census, 1890-2000.

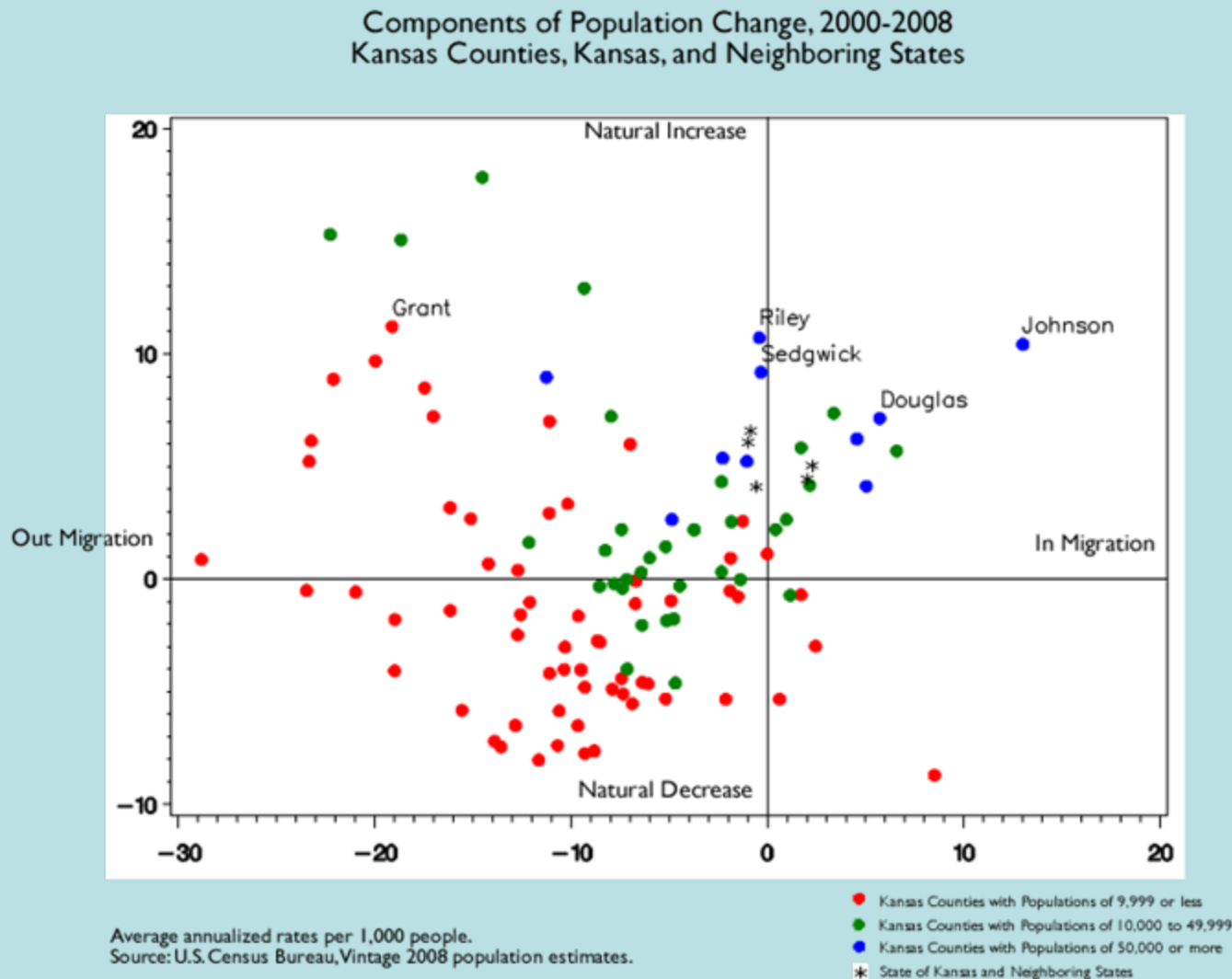
Population Trends—Plains States

Components of Population Change, 2000-2008
Kansas and Neighboring States



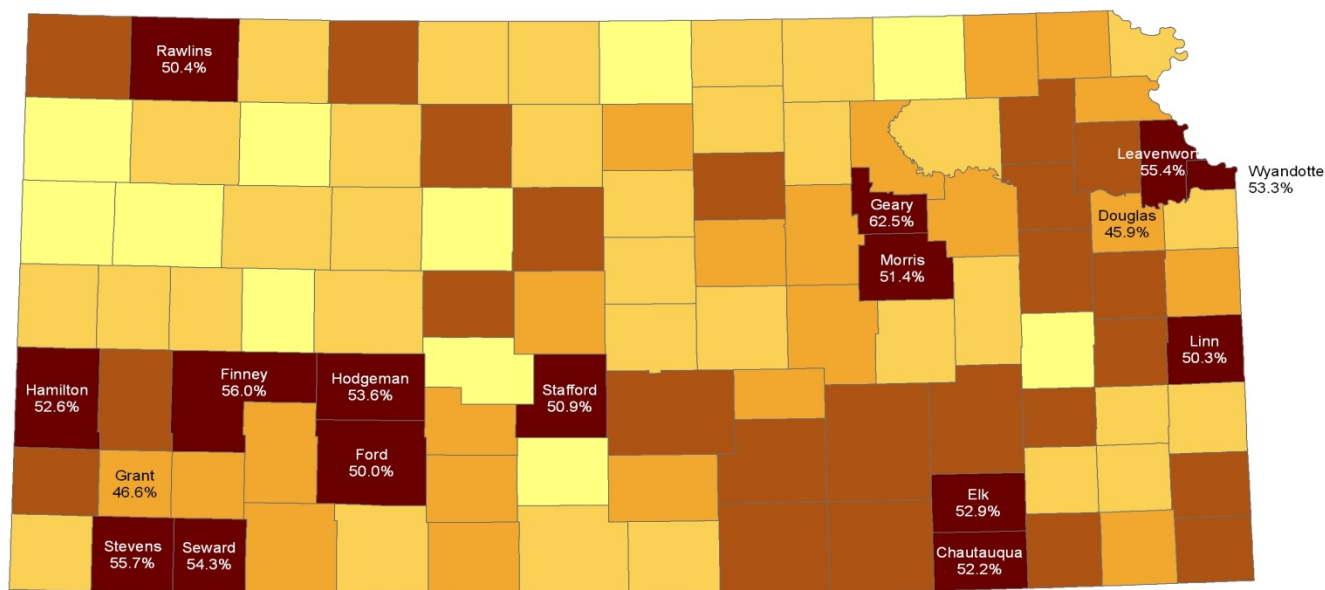
Average annualized rates per 1,000 people.
Source: U.S. Census Bureau, Vintage 2008 population estimates.

Population Trends—Kansas Counties

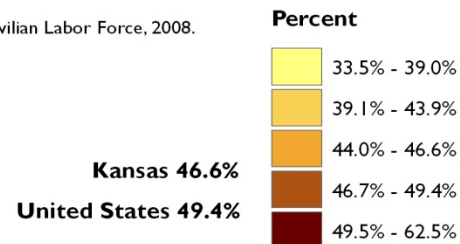


Dependent Population by County

Percent of Population Not in Civilian Labor Force (Age 18-64) in Kansas, by County, 2008



Source: U.S. Census Bureau, Vintage 2008 Population Estimates; Bureau of Labor Statistics (BLS), Civilian Labor Force, 2008.



Education

United States

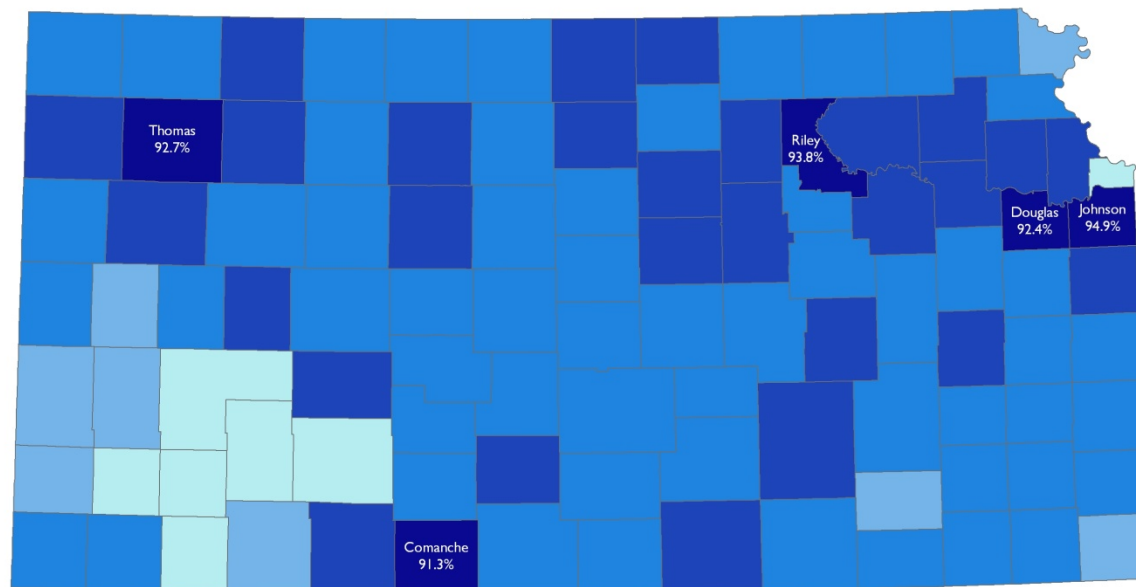
- Increased Skills
 - High School or More
 - 75.2 % in 1990
 - 84.6 % in 2003
 - College Grads or More
 - 20.3 % in 1990
 - 27.2 % in 2003

Kansas

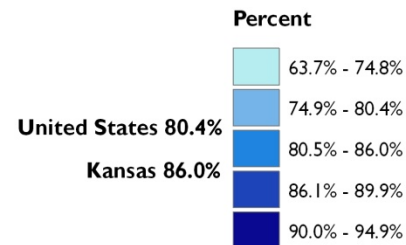
- Increased Skills
 - High School or More
 - 81.3 % in 1990
 - 88.6 % in 2008
 - College Grads or More
 - 21.1% in 1990
 - 31% in 2003

Educational Attainment

Percent of Population Age 25 and Over with a High School
Diploma or Greater Level of Educational Attainment in Kansas, by County, 2000

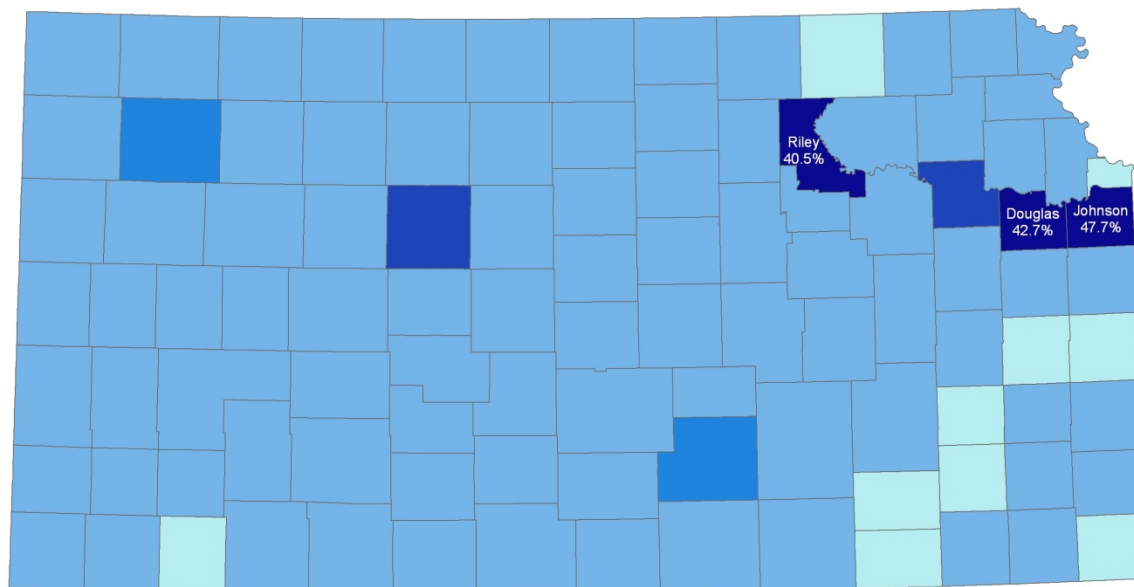


Source: U.S. Census Bureau, 2000 Census, Summary File 3, Table P37.

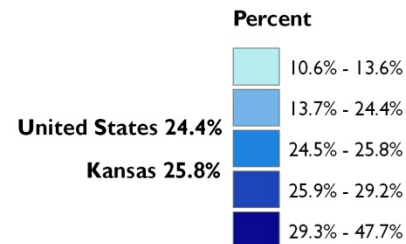


Educational Attainment

Percent of Population Age 25 and Over with a Bachelors
Degree or Greater Level of Educational Attainment in Kansas, by County, 2000



Source: U.S. Census Bureau, 2000 Census, Summary File 3, Table P37.



Employment and Earnings

United States

- Female Labor Force Participation
 - 58.8% in 1994
 - 59.5% in 2003
- Slight Decrease in Male Labor Force Participation
 - 75.1% in 1994
 - 73.5 % in 2003

Kansas

- Female Labor Force Participation
 - 63.8% in 1994
 - 64.7% in 2003
- Slight Decrease in Male Labor Force Participation
 - 78.4% in 1994
 - 75.6 % in 2003

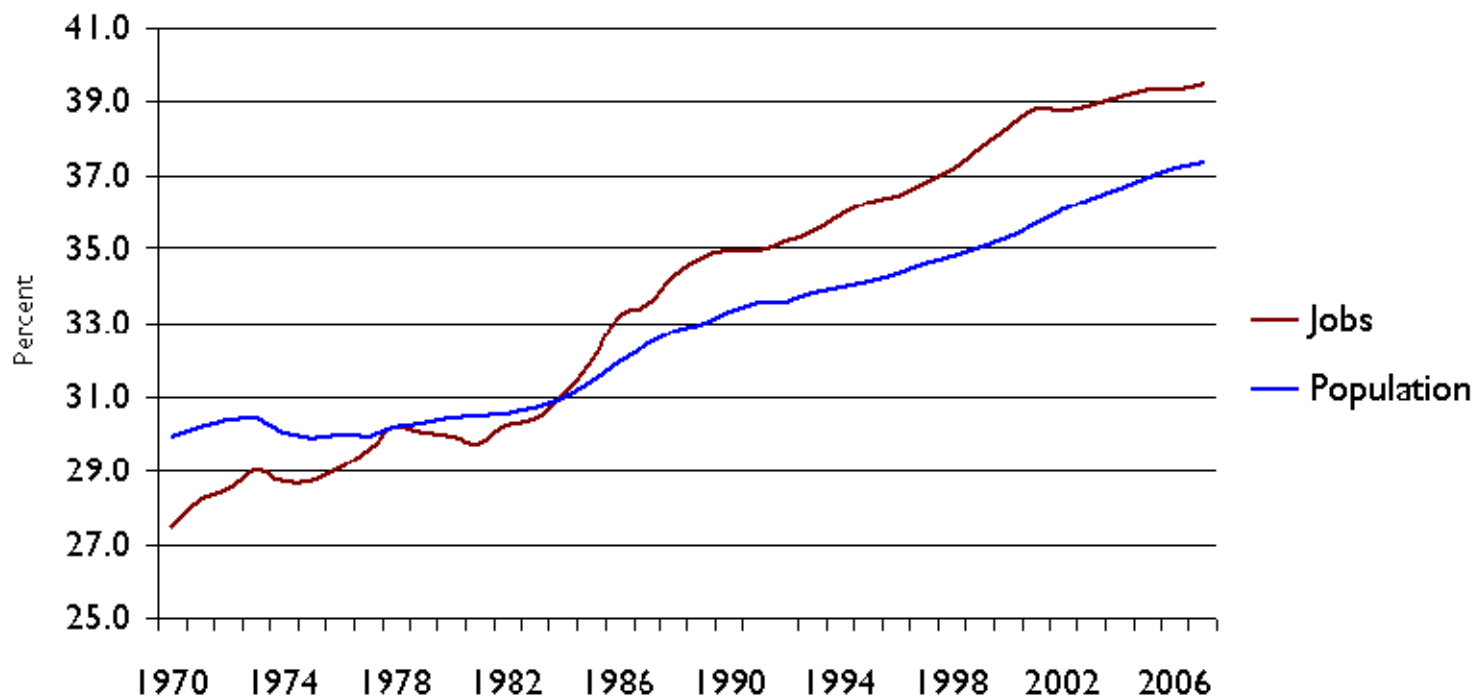
U.S. Earnings Trends

- U.S. Men: Stagnant Real Median Earnings
 - \$44,367 in 1970
 - \$46,367 in 2008
 - 4.5% increase

- U.S. Women: Increased Real Median Earnings
 - \$26,340 in 1970
 - \$35,745 in 2008
 - 35.7% increase

Jobs and Employment

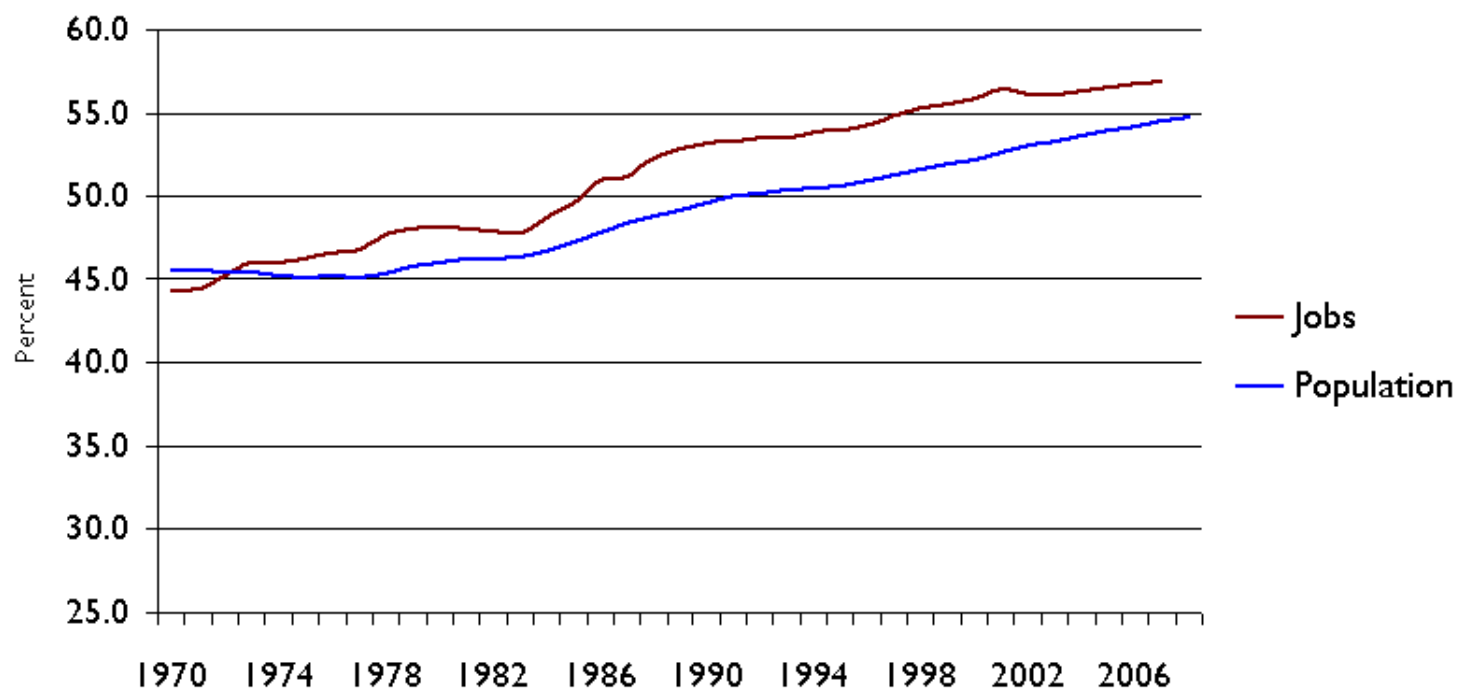
**Jobs and Population in Douglas, Johnson, Leavenworth,
Shawnee, and Wyandotte Counties
(as a percent of state total)**



Source: Population from U.S. Census Bureau, Decennial Census and Population Estimates Division; Jobs by place of work from U.S. Bureau of Economic Analysis, Regional Economic Information System.

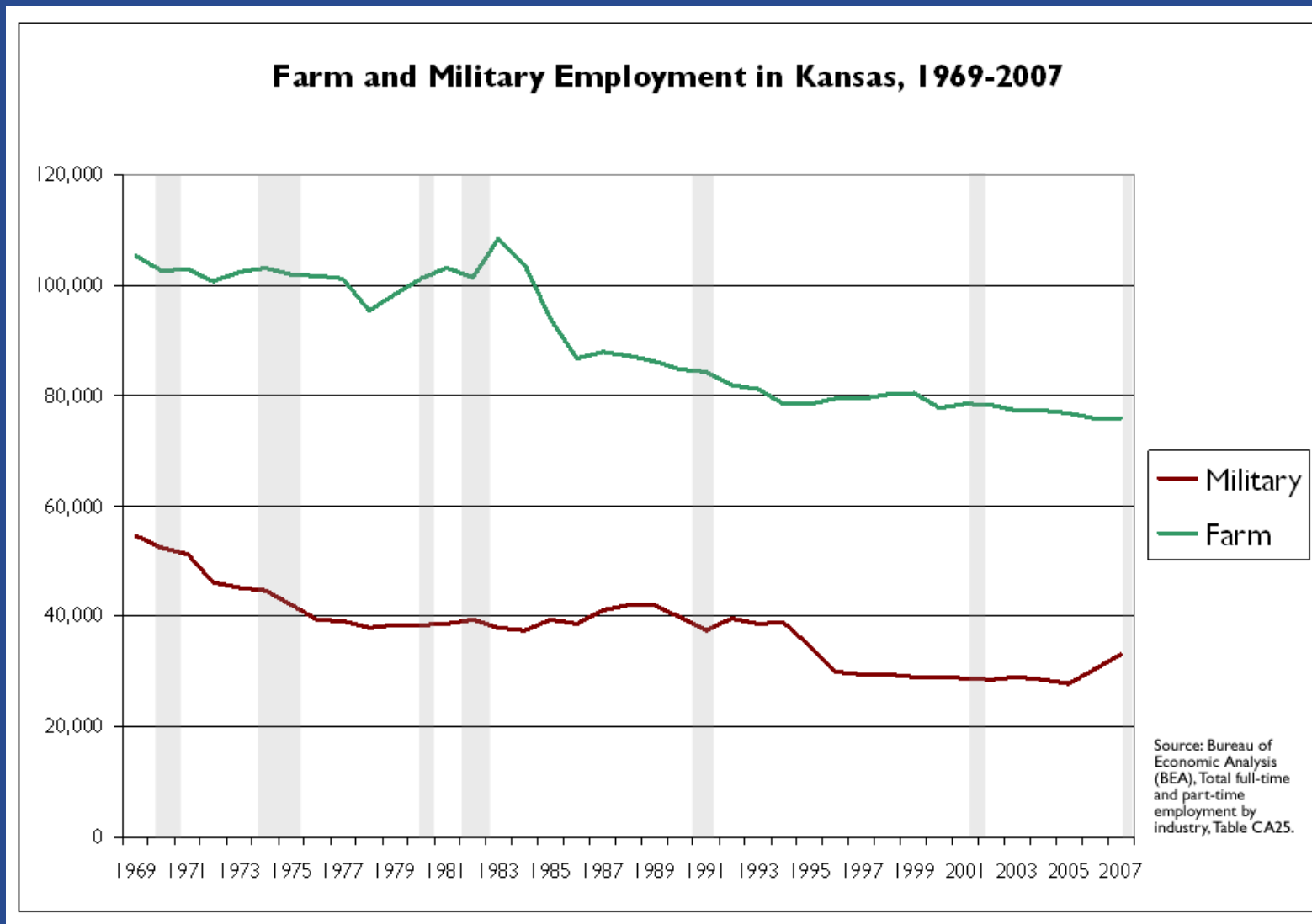
Jobs and Employment

**Jobs and Population in Douglas, Johnson, Leavenworth,
Shawnee, Sedgwick, and Wyandotte Counties
(as a percent of state total)**

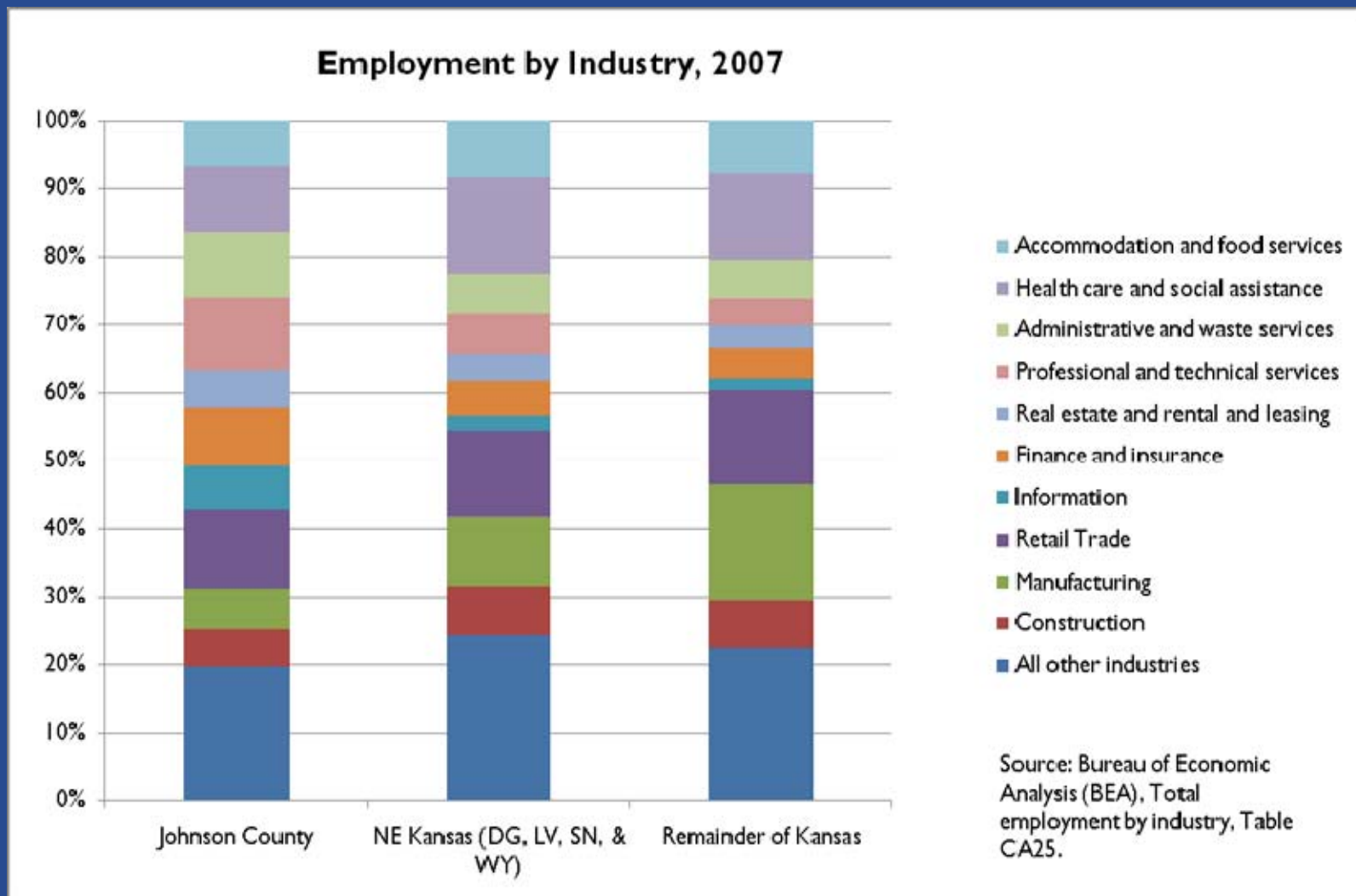


Source: Population from U.S. Census Bureau, Decennial Census and Population Estimates Division; Jobs by place of work from U.S. Bureau of Economic Analysis, Regional Economic Information System.

Farm and Military Employment

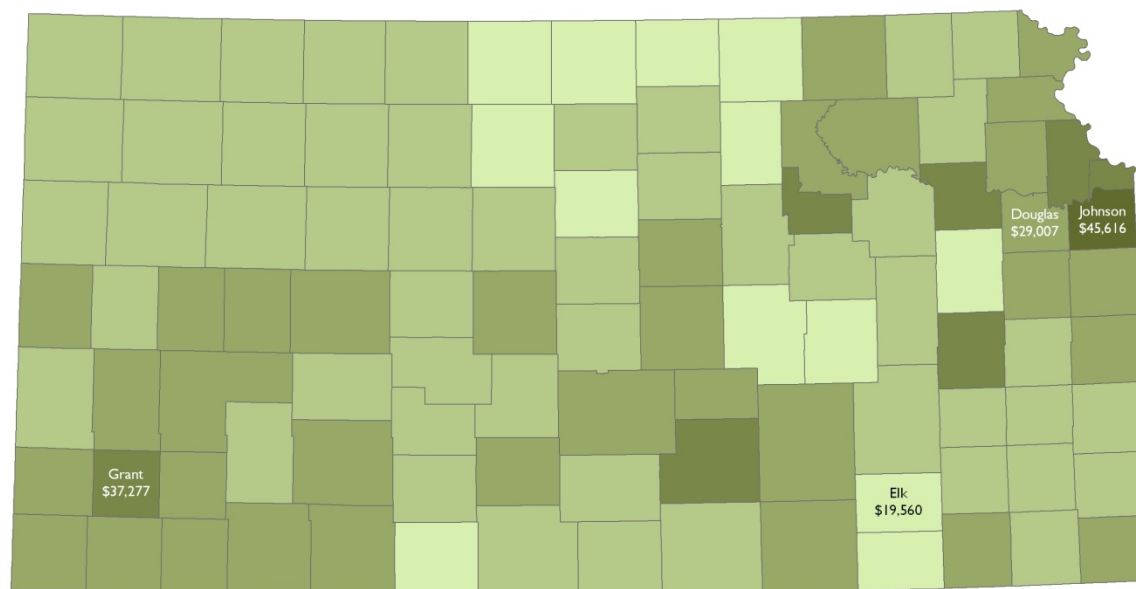


Employment by Industry



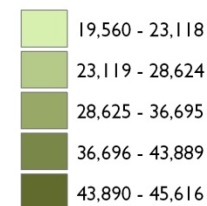
Average Wage Per Job 2007

Average Wage per Job in Kansas, by County, 2007



Source: Bureau of Economic Analysis (BEA), Local Area Personal Income, Table CA34.

Dollars



Kansas Nonmetropolitan Portion \$28,624

Kansas Metropolitan Portion \$40,055 **Kansas \$36,695**

United States \$43,889

Economic Growth

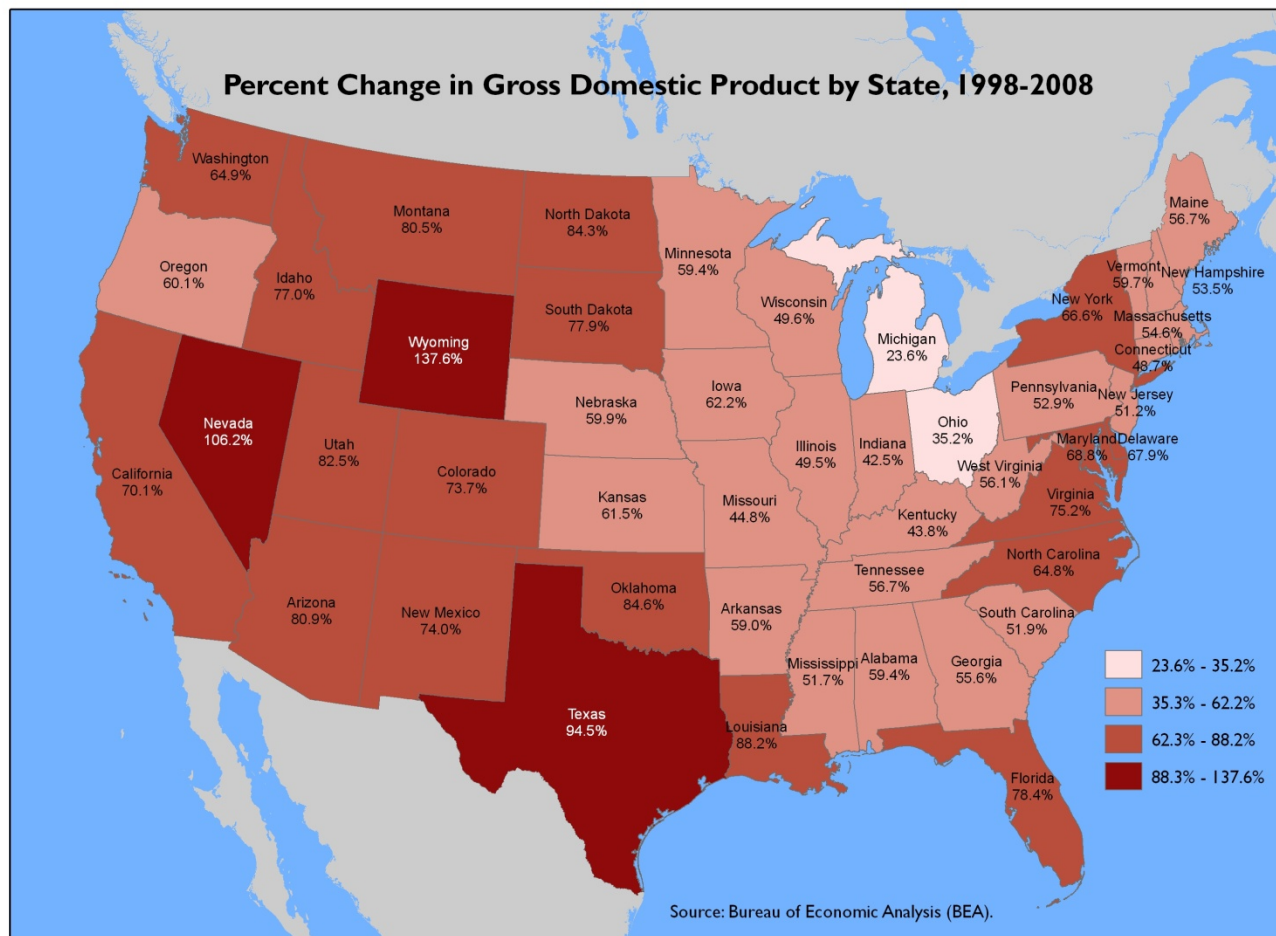
United States

- Real GDP Growth
 - 22.8% 1990-1997
 - 27.0% 1998-2007

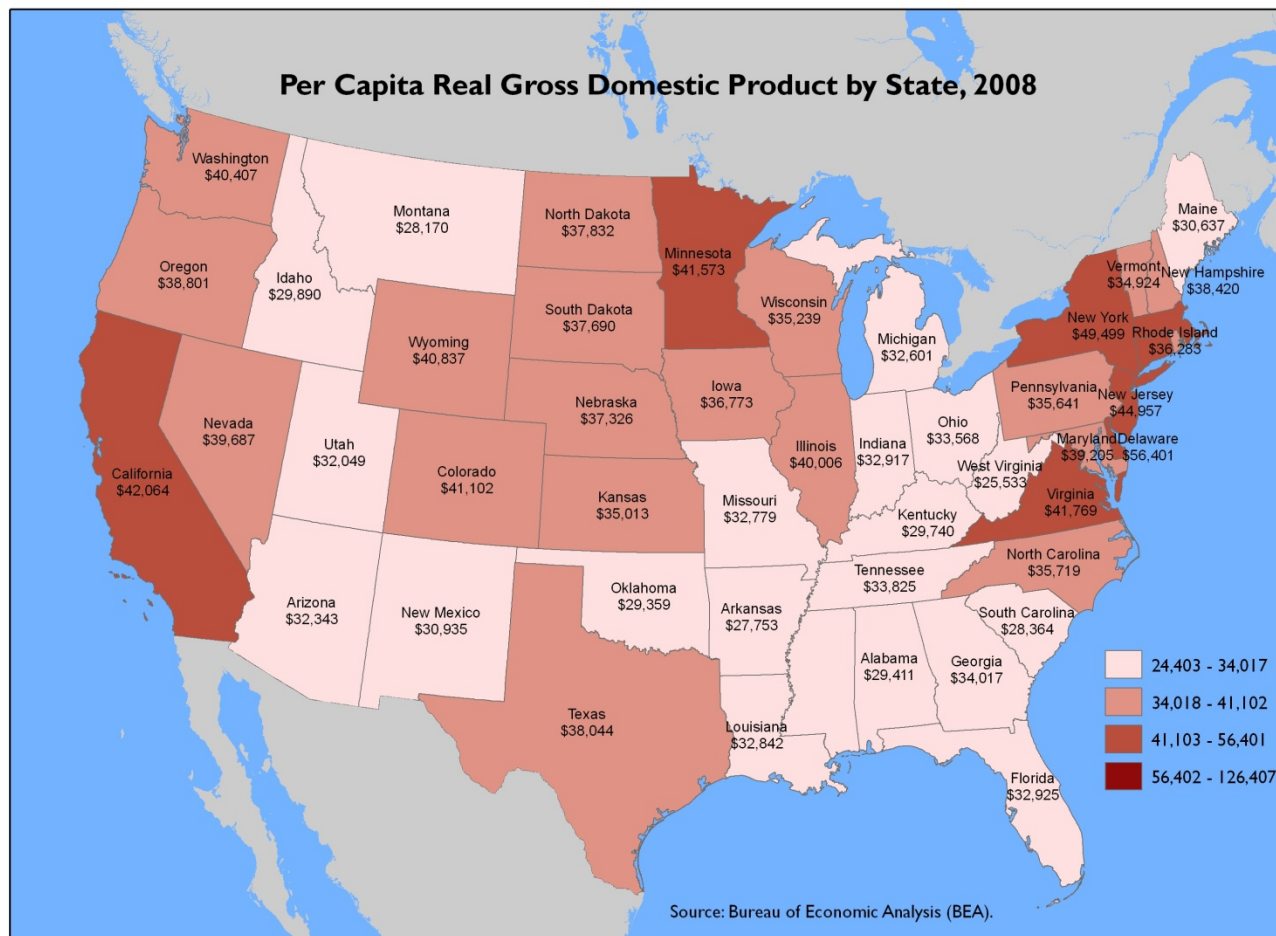
Kansas

- Real GDP Growth
 - 20.9% 1990-1997
 - 20.9% 1998-2007

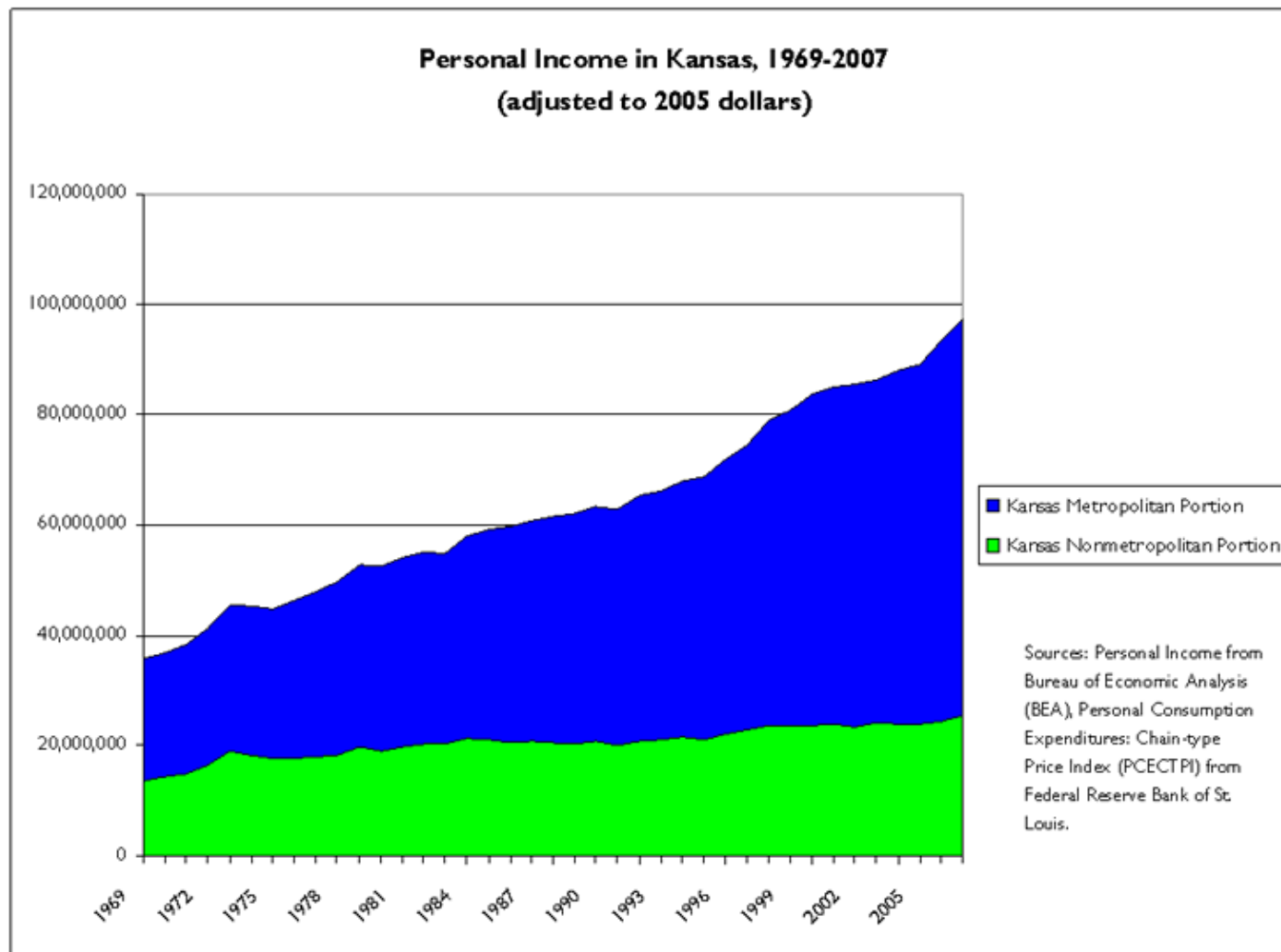
Gross Domestic Product by State



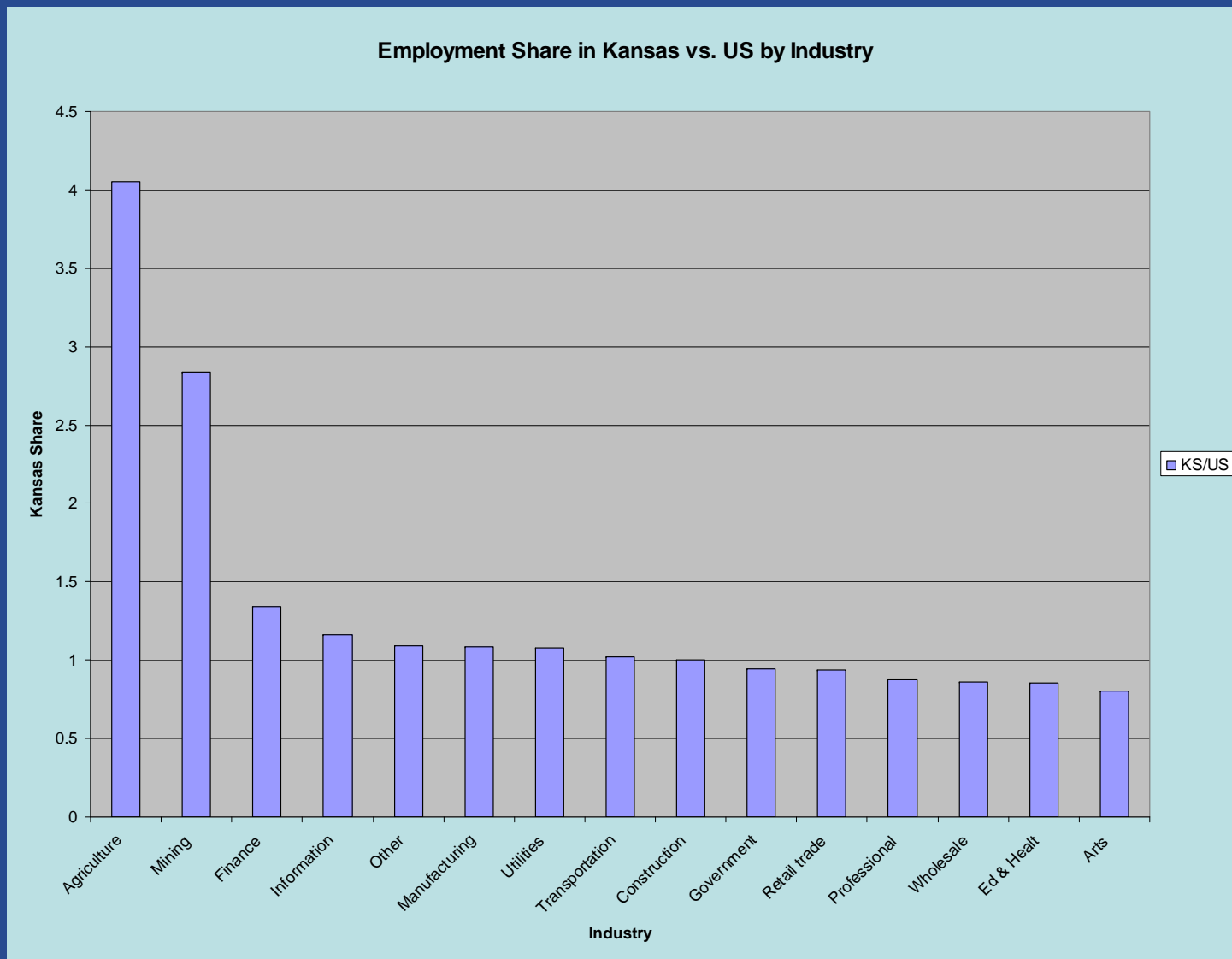
Per Capita Gross Domestic Product



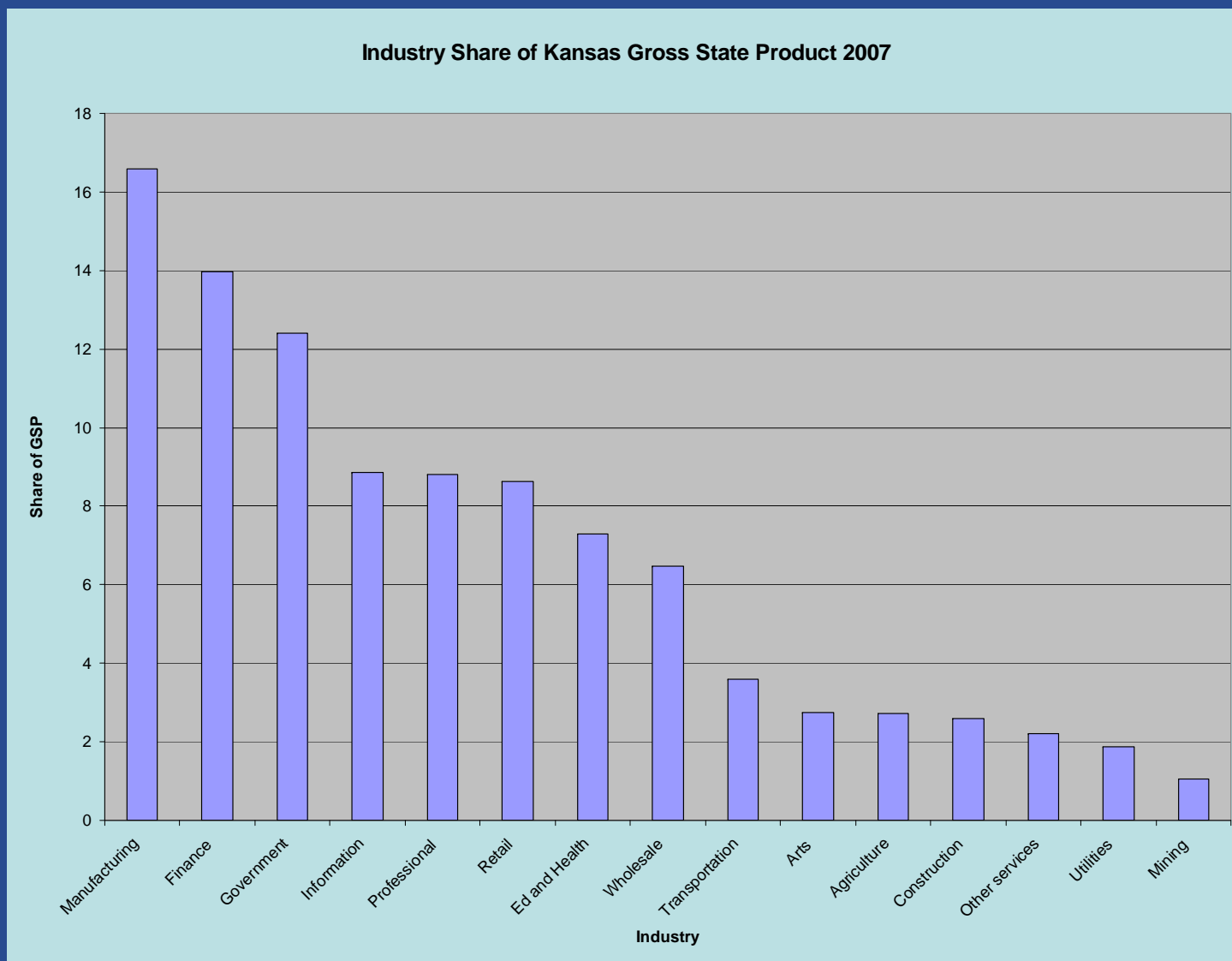
Personal Income



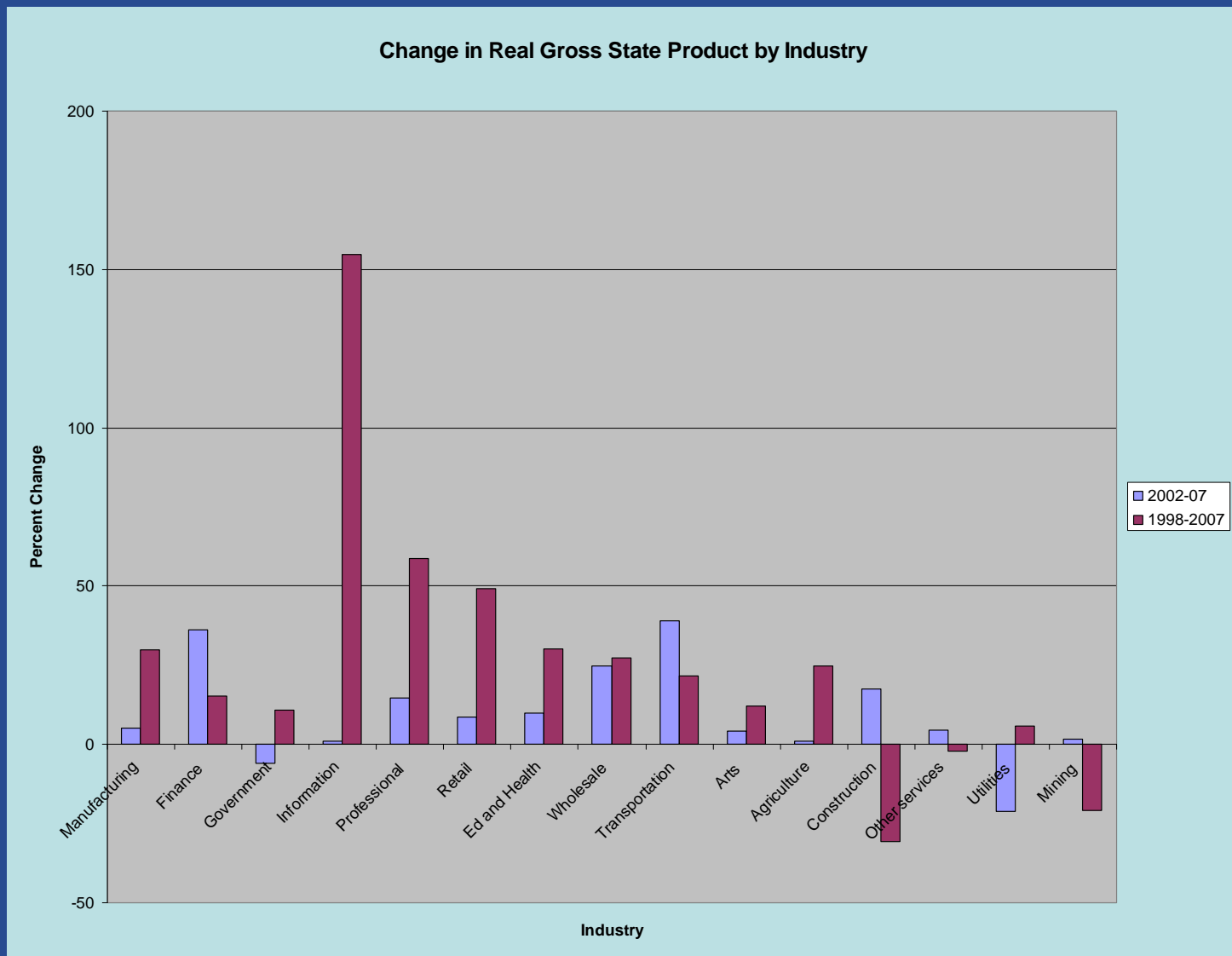
Kansas Share of Employment Relative to U.S. by Industry, 2007



Industry Share of Kansas GSP, 2007



Change in Kansas Real GSP by Industry, 1998 - 2007



What Future Holds

- Continued population shifts:
 - Big will get bigger, the small smaller
 - Unless alternative energy, agriculture and other industries grow in Western Kansas
- Employment and Earnings Growth will be tied to increased skills and lifetime learning
 - Kansas has a comparative advantage in skill
 - Low cost of living
 - We should work to attract high-skill jobs

What Future Holds

- Largest Kansas Industries are under pressure
 - Manufacturing, Finance, Information, Retail, and Construction will retrench and perhaps shrink in near future
- Where will the growth come from?
 - Energy and Alternative Energy
 - Bioscience
 - Transportation
 - Agriculture

The remaining speakers will address these issues

