



Ozarks Technical College - Career Round Up

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Overview: Education Matters

- We live in global economy that is very ***competitive*** and reaches almost everywhere--at 180,000 miles per second
- It may be wise ***to be prepared*** to compete
 - Degree decisions
 - Fields of study
 - Occupational trends
 - Information technology penetrates all our lives directly and indirectly




Where's your playing field?

Population

| | | |
|----------|---------------|---------|
| World | 6,497,946,329 | |
| U.S. | 298,116,700 | (4.59%) |
| Missouri | 5,800,310 | (0.09%) |

Over **3 Billion** new workers have joined the global workforce.



Our education is a multi-dimensional investment affect by choices we make
What choices will you make?

There is an *interrelationship* between the types of “investments” we build:

Human Capital (education, skills, talents)

- Financial Capital (income, resources)
- Social Capital (relationships, family)

Good Reading: “*The World is Flat*”

Thomas Friedman

- By “Flat” Friedman means parts of the world are much more easily accessible because of...
 - New Players (3 billion more international workers)
 - New Playing Field (world markets)
 - New Ways of Playing (technology)
 - Consequently, there will be much more competition and a greater need to be prepared including right here in Missouri.

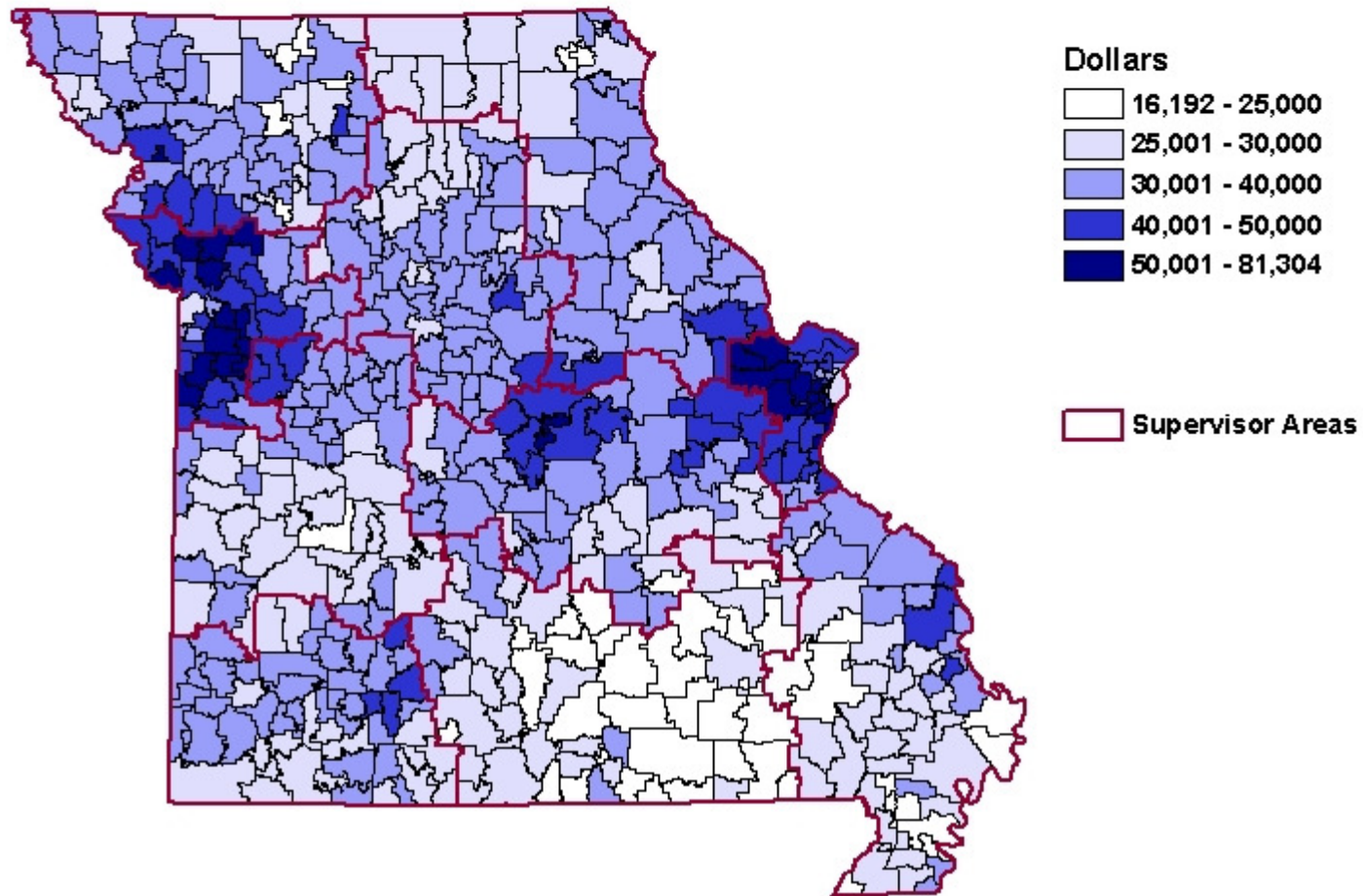


Education and Income in Missouri

- Look at the next two maps of Missouri
- Where there is relatively more income?
- Where there is relatively more education?

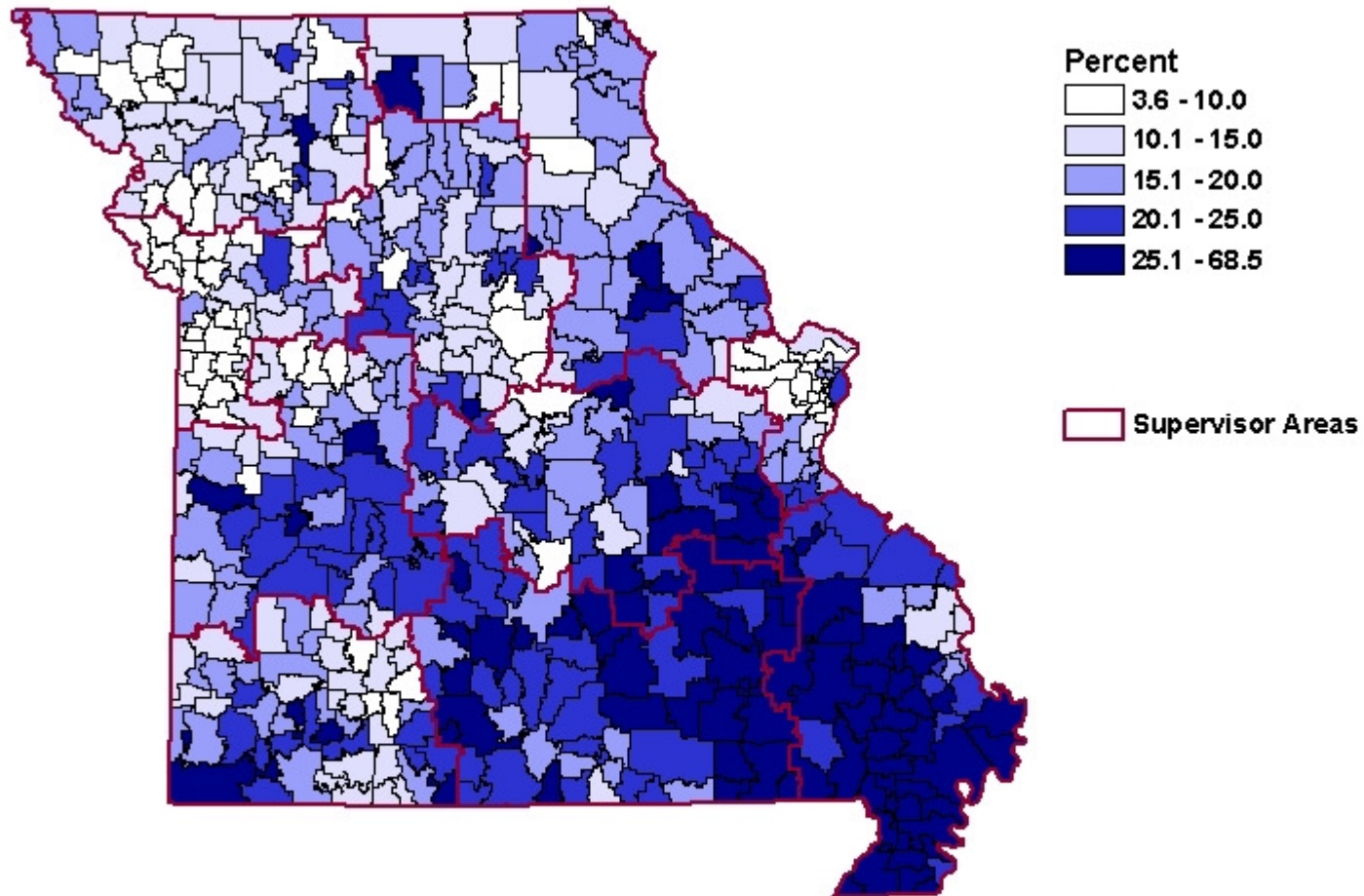
Notice that where education is high, income is high and where education is low, income is low.

Median Household Income by School District, 2000



Source: USDC, Bureau of the Census, Census of Population and Housing [2000 SF3]
Prepared for DESE by: Office of Social and Economic Data Analysis (OSEDA)
Map Generated on 5.21.2003

Percent of Persons 25 Years or Older without a High School Degree by School District, 2000



Source: USDC, Bureau of the Census, Census of Population and Housing [2000 SF3]
Prepared for DESE by: Office of Social and Economic Data Analysis (OSED)
Map Generated on 5.21.2003



Trends in Aging will be important

- There will be more senior citizens soon
 - The “Baby Boom” is retiring
 - More seniors in the workforce



Trends in Aging will be important

- **There will be more senior citizens soon**
 - The “Baby Boom” is retiring
- **There will be economic pressures for the future workforce to be more productive**
- **Educational patterns between generations have changed**



Age and Education

- Today, **twice** as many people 25 to 34 years old have bachelor's degrees as those 65 and older.
- The population 65 and older would have been teenagers and young adults in the 1930s through the 1950s
- The world has changed a bit since then!

Fields of Training as well as Degree matter (in terms of income)

- In 2001, people with bachelor's degrees in engineering earned **54 percent more** than people with bachelor's degrees in education.
- Associate's degree holders who studied technical fields such as computers and engineering earned as much as people who held bachelor's degrees in liberal arts, education, or social science.



Social Capital Matters Family Relationships

One in every two unmarried mothers who had recently given birth were living below the poverty level — four times the rate of their married counterparts.

U.S Census Bureau, October 15, 2005

Post Secondary Degrees Matter

- Workers with a bachelor's degree average **\$51,206** a year
- Workers with a high school degree average **\$27,915** a year

Job Growth Rates in Missouri 2004-2006

- Bachelor's degree 2.04 %
- Associate degree 2.70 %
- On the job training 1.03 %



What About You?

- The data reveal trends
- Where will you be on the “bell curve?”
- Are you willing to pay the price to be excellent?
- Are you willing to invest in your own future?

Sources of occupational trend information

- University of Missouri-Columbia
Office of Social & Economic Data Analysis
OSEDA.missouri.edu
- Missouri Department of Economic
Development
ded.mo.gov



Sources of personal assistance
about occupations and degrees

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