



Southern Illinois Regional Assessment Project

Jackson County Fact Sheet

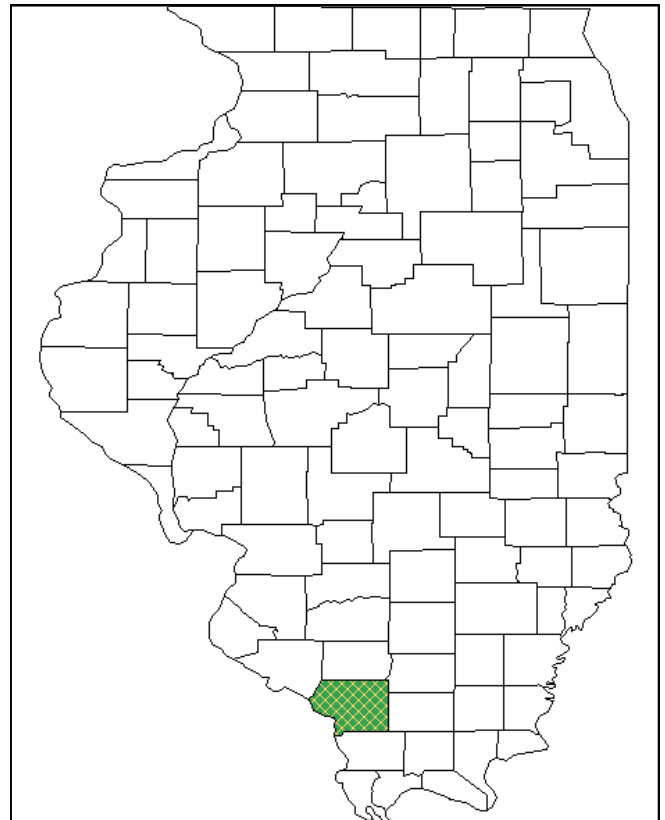
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Jackson County:

Jackson County was incorporated in 1816 from Randolph County. The most populous town is Carbondale which is home to Southern Illinois University.

County Seat: Murphysboro

2005 Population Estimate: 57,954



Funding for this project was provided by the University of Illinois College of Agricultural, Consumer and Environmental Sciences Office of Research, the State of Illinois, and the Departments of Natural Resources and Environmental Sciences and Human and Community Development at UIUC.

Economic Indicators

Income and Poverty

2004 Per Capita Personal Income¹: \$25,175
(Region: \$23,753)

1999 Median Household Income²: \$24,946
(Region, calculated: \$30,845)

1999 Median Household Income where householder is black or African American alone²: \$13,018 (Region, calculated: \$18,340)

2000 Poverty Level²: 25.2% (Region: 15.8%)

2000 Poverty Level Among Blacks or African Americans alone²: 44.9%
(Region: 39.3%)

Households with Public Assistance Income in 2000 (percentage)²: 793 (3.3%)
(Region: 3.5%)

Unemployment Rate in 2005³: 4.5%

Sources: 1: U.S. Bureau of Economic Analysis; 2: U.S. Census Bureau; 3: U.S. Bureau of Labor Statistics

Commuting in 2000

Top 3 Counties from which Workers In-Commute

| | | |
|----------|----------------|-------|
| 1 | Williamson, IL | 4,462 |
| 2 | Union, IL | 1,011 |
| 3 | Franklin, IL | 820 |

Top 3 Counties to which Workers Out-Commute

| | | |
|----------|----------------|-------|
| 1 | Williamson, IL | 1,728 |
| 2 | Randolph, IL | 806 |
| 3 | Perry, IL | 665 |

Source: U.S. Census 2000, Journey to Work

Total number in-commuting: 8,314

Total number out-commuting: 4,961

Net commuting: 3,353

Total county workforce: 27,609

Net commuting as % of county workforce: 12.1%

Top Industries for Employment

| Rank | NAICS Code | Industry Name | Employment |
|------|------------|---------------------------------------------------------|--------------|
| 1 | 62 | Health Care and Social Assistance | 3,400 |
| | 622110 | General Medical and Surgical Hospitals | 1,239 |
| | 621 | Ambulatory Health Care Services | 1,015 |
| 2 | 72 | Accommodation and Food Services | 2,567 |
| | 722 | Food Services and Drinking Places | 2,432 |
| | 722110 | Full-Service Restaurants | 1,185 |
| 3 | 23 | Construction | 1,045 |
| 4 | 452 | General Merchandise Stores | 1,014 |
| 5 | 541 | Professional, Scientific, and Technical Services | 930 |

Source: US Census Bureau, County Business Patterns

Note: NAICS is the North American Industry Classification System.

Agricultural Indicators

| Crop | Acreage | Percent |
|----------------------------|-----------|-----------|
| | 1999-2000 | 1999-2000 |
| Corn | 53,081 | 23.4% |
| Soy | 69,078 | 30.5% |
| Winter wheat | 8,836 | 3.9% |
| Other small grains/ Hay | 4,145 | 1.8% |
| Winter wheat/ Soybeans | 14,269 | 6.3% |
| Other Agriculture | 343 | 0.2% |
| Rural grassland | 76,935 | 33.9% |
| Total | 226,687 | 100.0% |

2002 Market value of agricultural crop products sold (in \$1,000):

21,223 (Region average: 18,669)

2002 Market value of livestock and poultry products sold (in \$1,000):

7,616 (Region average: 5,768)

2002 Market value of total agricultural products sold (in \$1000):

28,839 (Region average: 23,361)

2002 Market value of agricultural products sold average per farm (in dollars):

38,972 (Region average: 50,680)

Source: USDA, 2002 Census of Agriculture

Source: USDA, IDA and IDNR, 2002 Illinois Interagency Landscape Classification Project

| Livestock | Number of Farms with Animals | | | Number of Animals | | |
|-----------|------------------------------|------|----------|-------------------|--------|----------|
| | 1997 | 2002 | % Change | 1997 | 2002 | % Change |
| Cattle | 338 | 267 | -21 | 16,066 | 16,566 | +3 |
| Hogs | 48 | 23 | -52 | 9,975 | 6,335 | -36 |
| Horses | 109 | 144 | +32 | 692 | 864 | +25 |

Source: USDA, 1997 and 2002 Census of Agriculture

| Soil Type | Acreage | Percent |
|------------------------------------------------|---------|---------|
| Prime farmland soils (not eroded) | 198,749 | 53.6% |
| Prime farmland soils (eroded) | 54,902 | 14.8% |
| Non-prime farmland soils (all erosion classes) | 117,083 | 31.6% |
| Total | 370,734 | 100.0% |

| Irrigation | 1997 | 2002 |
|-------------------------------|---------|---------|
| Acres Land in Irrigated Farms | 2,913 | 2,268 |
| Total Acres Farmland | 211,945 | 199,683 |
| % Farmland Irrigated | 1.4% | 1.1% |

Source: USDA, 1997 and 2002 Census of Agriculture

Source: National Resources Conservation Service (NRCS), Web Soil Survey, and Jackson Soil Survey Report (1979)

Note: Prime farmlands soils include those soil types with 0-10% slope; non-prime farmland soils are all other soil types with slope greater than 10%.

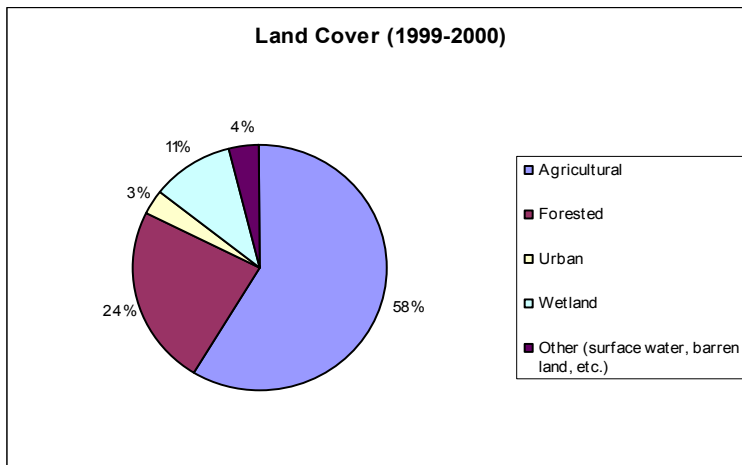
Environmental Indicators

Land

| Land Cover (1999-2000) | Acreages | Percent (County) | Percent (Region) | Percent (State) |
|------------------------|----------------|------------------|------------------|-----------------|
| Agricultural | 226,685 | 58.5% | 64.6% | 76.3% |
| Forested | 91,684 | 23.7% | 21.0% | 11.5% |
| Urban | 13,450 | 3.5% | 3.0% | 6.4% |
| Wetland | 41,046 | 10.6% | 8.5% | 3.9% |
| Other | 14,643 | 3.8% | 2.8% | 1.8% |
| Total | 387,508 | 100.0% | 100.0% | 100.0% |

Note: "Other" includes surface water, barren land, etc.

Source: USDA, IDA and IDNR, 2002 Illinois Interagency Landscape Classification Project



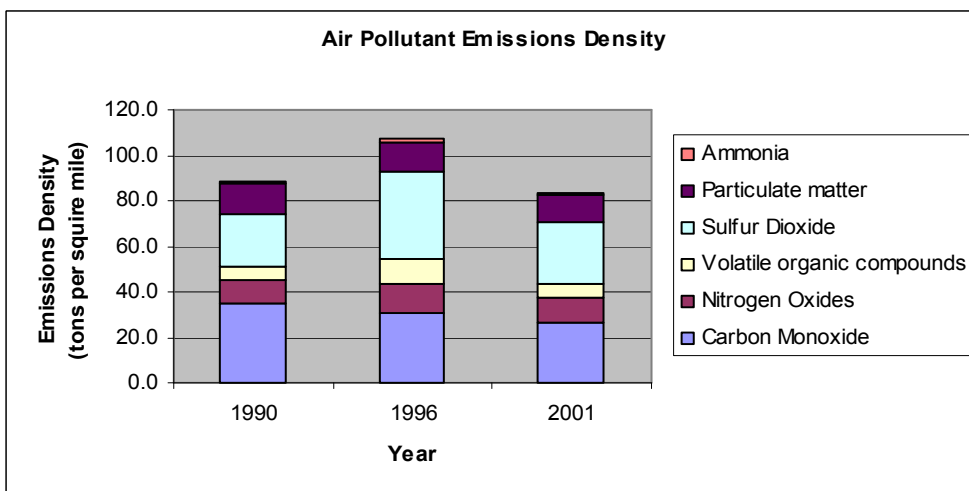
| Timberland Ownership Classes | Acreages | Percent |
|------------------------------|----------------|---------------|
| National Forest | 47,300 | 34.3% |
| Other Public | 7,100 | 5.2% |
| Corporate | 10,600 | 7.7% |
| Private | 72,800 | 52.8% |
| Total | 137,800 | 100.0% |

Note: "Other Public" includes other federal, state, county and municipal.

Source: Schmidt, T. L., M. H. Hansen, and J. A. Solomakos. 2000. Illinois' forests in 1998 (Resource Bulletin NC-198). St. Paul, MN: USDA Forest Service North Central Research Station.

Air

| Total Air Pollutant Emissions Density (tons per square mile) | 1990 | 1996 | 2001 | 2001 Region Avg. |
|--------------------------------------------------------------|------|-------|------|------------------|
| | 88.6 | 106.9 | 83.0 | 59.6 |



Note: EPA collects emissions data for three criteria air pollutants: Carbon monoxide (CO), Sulfur dioxide (SO₂), Particulate matter (PM₁₀ and PM_{2.5}), and three precursors/promoters of criteria air pollutants: Volatile organic compounds (VOC), Nitrogen oxides (NO_x), Ammonia (NH₃).

Source: U.S. Environmental Protection Agency, National Emission Inventory NEI database and Air Quality System (AQS) database

Water

Number of public water systems: 26
 Number of water health based violation (since 1993): 8
 Number of impaired or threatened water bodies: 117
 Percentage of surface water areas with impaired or threatened uses: 20%

Sources: U.S. Environmental Protection Agency, Envirofacts Databases; Scorecard-the Pollution Information Site <http://www.scorecard.org>

Note: Scorecard's county-level data on impaired waterbodies are derived from two U.S. EPA sources: the 1998 TMDL Tracking System and the 1998 National Water Quality Inventory.

| Estimated Use of Water (in million gallons per day) | 1990 | 1995 | 2000 |
|---------------------------------------------------------------|-------------|-------------|-------------|
| | 177.97 | 190.91 | 116.89 |

Source: National Water-Use Information Program, U.S. Geological Survey

Toxics and Wastes

| | Number |
|-----------------------------------------------|---------------|
| Facilities producing air emissions | 77 |
| Companies with wastewater discharging permits | 92 |
| Facilities having toxic chemical releases | 9 |
| Potential waste sites in Superfund | 2 |
| Hazardous waste generating facilities | 89 |
| Radiation regulated facilities | 0 |

Source: U.S. Environmental Protection Agency, Envirofacts Databases

Outdoor Recreation Areas

Shawnee National Forest

- Grand Tower
- Turkey Bayou
- Little Grand Canyon
- Cedar Lake
- Clear Springs

Johnson Creek Federal Recreation Area
 Oakwood Bottoms Federal Recreation Area
 Pomona Natural Bridge Federal Recreation Area
 Lake Murphysboro State Park
 Giant City State Park
 Great River Road Natural Scenic Byway
 Mississippi River

Sources: Illinois Department of Transportation, Illinois Highway Map 2005-2006; USDA Forest Service, Shawnee National Forest Map

Demographic Indicators

| | 1990 | 2000 | 2005 |
|--------------------------------------------------------------|--------|--------|--------|
| Population Density (population per square mile land area) | 103.8 | 101.4 | 98.5 |
| Population | 61,067 | 59,612 | 57,954 |
| Dependency Ratio | 36.9 | 36.1 | — |
| Inmate Population | 226 | 308 | — |

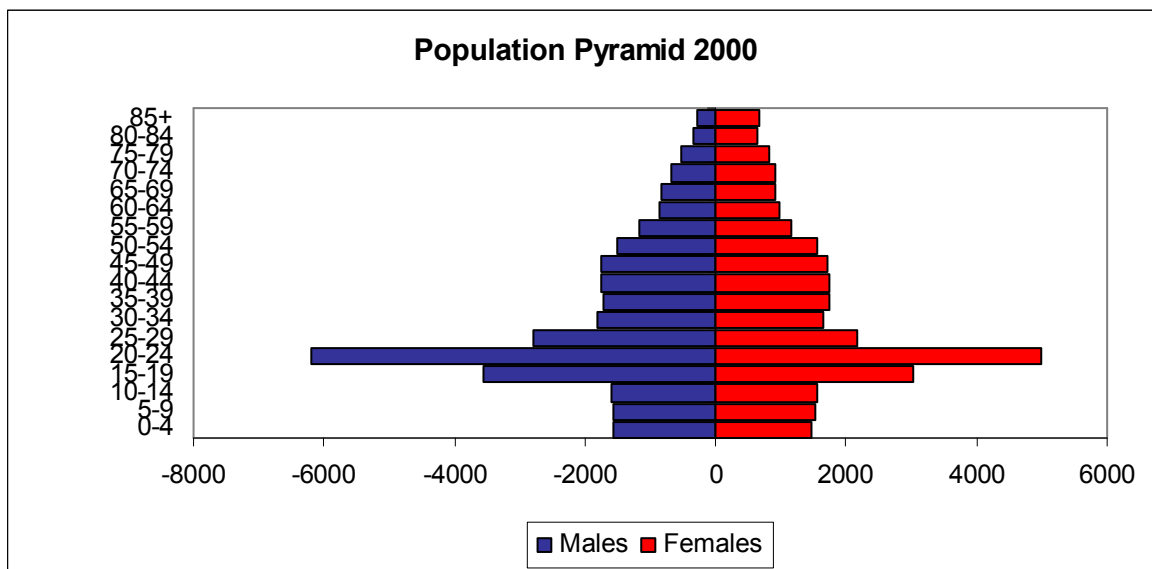
Source: U.S. Census Bureau

Note: Dependency ratio is the ratio of the population under age 15 and over age 64 to the working age population (ages 15-64). Higher values imply a greater dependent population.

| Selected Vital Statistics | County | Region Avg. | State |
|-------------------------------------------------------------------------|--------|-------------|-------|
| Average Crude Birth Rate (1990-2004) | 11.4 | 11.2 | 14.9 |
| Average Crude Death Rate (1990-2004) | 8.0 | 12.5 | 8.6 |
| Average Percent of Birth of Low Birth Weight to Total Birth (1995-2001) | 8.2% | 7.7% | 8.0% |
| Percent of People with Disability in the 16 to 64 Age Group (2000) | 12.6% | 20.3% | 16.6% |

Source: Illinois Department of Public Health, Birth Statistics

Note: Crude birth/death rate is the number of births/deaths per 1000 population.



Source: U.S. Census Bureau, Census 2000

Ancestry

| Ancestry | Number | Percent |
|--------------|--------|---------|
| Other groups | 13,198 | 22.2% |
| Irish | 12,547 | 21.1% |
| German | 7,426 | 12.5% |
| US/American | 5,830 | 9.8% |
| English | 4,191 | 7.0% |
| Scotch-Irish | 2,377 | 4.0% |
| Yugoslavian | 1,932 | 3.2% |

Source: US Census Bureau, Census 2000

Race/Ethnicity

| Race/Ethnicity | Number | Percent |
|--------------------------------------------------|--------|---------|
| White alone | 48,158 | 80.8% |
| Black or African American alone | 7,759 | 13.0% |
| Hispanic or Latino | | |
| American Indian and Alaska Native alone | 184 | 0.3% |
| Asian alone | 1,806 | 3.0% |
| Native Hawaiian and Other Pacific Islander alone | 35 | 0.1% |
| Some other race alone | 596 | 1.0% |
| Two or more races | 1,074 | 1.8% |
| Total Population | 59,612 | 100% |

Source: US Census Bureau, Census 2000

Note: The Hispanic / Latino figures may be included in other race categories.

2002-2003 County-to-County

| | In-migrants | Out-migrants | Net migrants |
|-------------------------------------------|----------------------|----------------------|--------------|
| Total migration: US and Foreign | 3,172 | 3,397 | -225 |
| Median adjusted gross income of migrants | \$11,104 | \$14,019 | — |
| Total US migration | 2,956 | 3,370 | -414 |
| Total migration to/from the same state | 1,942 | 1,983 | -41 |
| Total migration to/from a different state | 1,014 | 1,387 | -373 |
| Non-migrants | 36,101 | 36,101 | — |
| #1 County migrants move from/to | Williamson, IL (411) | Williamson, IL (487) | -76 |
| #2 County migrants move from/to | Cook, IL (232) | Cook, IL (304) | -72 |
| #3 County migrants move from/to | Perry, IL (134) | Perry, IL (145) | -11 |

Source: 2003 IRS Migration Files

Note: This table shows that between 2002 and 2003, Jackson County had negative net migration., though small in comparison to gross migration. In-migrants had significantly lower incomes than out-migrants. International migration contributed noticeably to in-migration, but not to out-migration.. The three largest providers of in-migrants to Williamson also absorb the most out-migrants from Williamson. The net migration flow to these counties is small. The presence of Cook County on this list is atypical for the region.

Social Indicators

Education

| | Number | % Change 2004-2005 |
|-------------------------------------------|--------|-----------------------|
| 2005-2006 K-12 Enrollment | 7,165 | -2.3% |
| 2005-2006 Total Housed Student Enrollment | 7,466 | -1.9% |
| Projected 2007-2008 Enrollment (K-12) | 7,334 | -0.1% |
| Projected 2012-2013 Enrollment (K-12) | 7,149 | -2.5% |

| Race/Ethnicity (2005-2006) | Number | Percent |
|-------------------------------|--------|---------|
| White | 5,190 | 69.5% |
| Black | 1,528 | 20.5% |
| American Indian | 16 | 0.2% |
| Asian | 224 | 3.0% |
| Hispanic | 236 | 3.2% |
| Multi-racial | 272 | 3.6% |
| Total | 7,466 | 100.0% |

| Selected School Report Statistics | County | Region Avg. | State |
|------------------------------------------------|--------|-------------|-------|
| Average Low-income-family Student Rate in 2005 | 44.1 | 45.5 | 40.0 |
| Average High School Dropout Rate in 2005 | 1.6 | 3.2 | 4.0 |
| Average High School Graduation Rate in 2005 | 85.2 | 90.7 | 87.4 |

Source: Illinois State Board of Education, Data Analysis & Process Reporting

Note: Total housed student enrollment includes pre-K through post secondary students. All rates in school report statistics are numbers per 100 students.

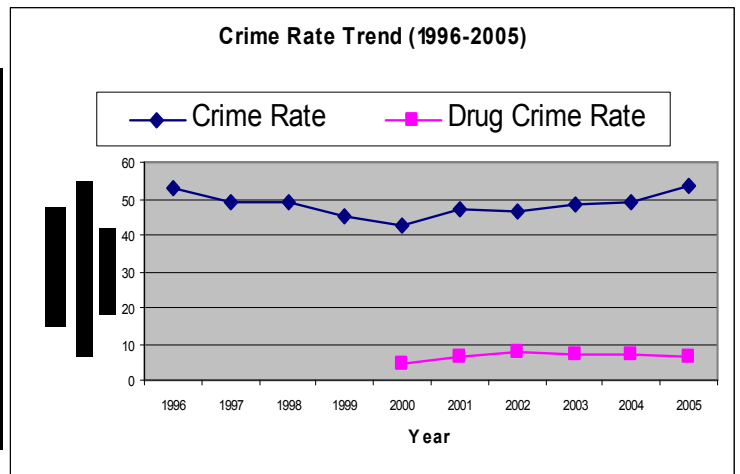
| Educational Attainment (Percent, Population 25 years and over) | 1990 | | 2000 | |
|-------------------------------------------------------------------|--------|---------|--------|---------|
| | Number | Percent | Number | Percent |
| High School Graduate or Higher | 25,341 | 78.8% | 27,838 | 85.2% |
| Bachelor's Degree or Higher | 9,496 | 29.5% | 10,447 | 32.0% |

Source: US Census Bureau, Census 1990 and 2000,

Crime

| | Number in 2005 |
|-------------------------------------------------------|----------------|
| Total Crimes | 3,116 |
| Crime Rate (crimes per 1,000 persons) | 53 |
| Drug Arrests | 391 |
| Drug Crime Arrest Rate (arrests per 1,000 persons) | 7 |

Source: Illinois State Police, Crime in Illinois, 2006



Note: The Illinois State Police calculated crime rate as the number of crimes per 100,000 persons. We adjusted the rate to the number of crimes per 1000 persons here due to relatively small populations of most southern Illinois counties.

Health Care Coverage

| Percent of persons having some kind of health care coverage (including health insurance, prepaid plans such as HMOs, or government plans such as Medicare) | 2003 | 2003 Region Avg. | 2004 State |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------|------------|
| | 83.2% | 83.0% | 84.8% |

Source: Illinois Department of Public Health, Behavioral Risk Factor Surveillance System

Housing

| | Percent | Region |
|-------------------------------------------------------|------------|--------|
| Mobile homes that are rented | 42.1% | 24.6% |
| Owner-occupied units with housing problems | 19.1% | 18.7% |
| Renter-occupied units with housing problems | 50.2% | 35.6% |
| Homeownership | 53.3% | 73.6% |
| Homeownership among blacks/African Americans* | 23.9% | 41.4% |
| Vacant housing units for seasonal or recreational use | 0.7% (191) | 2.0% |

Source: US Census 2000 and HUD (2000)

Note: Housing problems, according to HUD, include incomplete plumbing, incomplete kitchen facilities, over-crowding or non-affordability.

- There are 2,841 households in Jackson County in which the householder is black or African American alone.
- NOTE: The housing data is significantly impacted by the student population. Students cause overestimation of affordability (and consequently housing problems), since they often have parental support but no income. The student population probably also works to decrease homeownership in the county.

| |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Housing Permits in 2005: 122 Houses Sold in the First Quarter of 2006: 74 Median House Sale Price in the First Quarter of 2006: \$63,250</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Source: Department of Housing and Urban Development; IL Association of Realtors

For more information, contact the Department of Natural Resources and Environmental Sciences at the University of Illinois at Urbana-Champaign, W-503 Turner Hall, 1201 S. Goodwin, Urbana, IL 61801, 217-333-2770, cflint@uiuc.edu or gasteyer@uiuc.edu.