



Southern Illinois Regional Assessment Project

Johnson County Fact Sheet

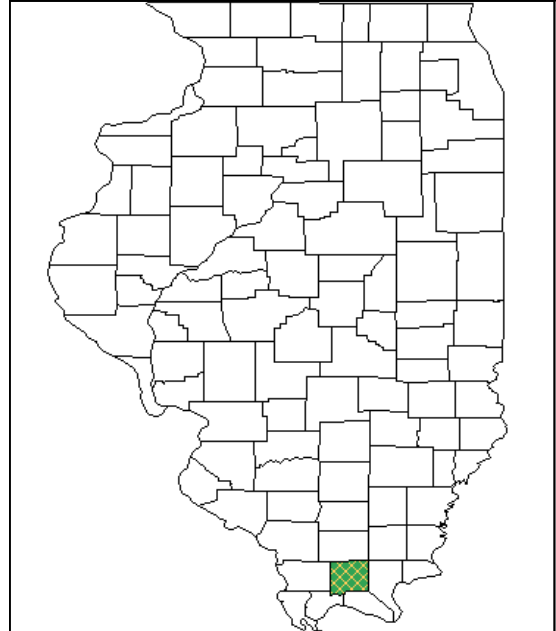
Dr. Courtney Flint and Dr. Stephen Gasteyer, Principle Investigators
Joanna Ganning, Hua Qin and Michelle Downs, Graduate Assistants

Johnson County:

Johnson County has long been one of the most isolated sections of the region of Illinois referred to as Little Egypt. It was organized in 1812 from Randolph County and is named for Richard Johnson, the vice-president of the United States from 1836-1840.

County Seat: Vienna

2005 Population Estimate: 13,169



Economic Indicators

Income and Poverty

2004 Per Capita Personal Income¹: \$19,672
(Region: \$23,753)

1999 Median Household Income²: \$33,326
(Region, calculated: \$30,845)

1999 Median Household Income where householder is black or African American alone²: \$200,000+ (among 5 households)
(Region, calculated: \$18,340)

2000 Poverty Level²: 11.3% (Region: 15.8%)

2000 Poverty Level Among Blacks or African Americans²: 50% (Region: 39.3%)

Households with Public Assistance Income in 2000 (percentage)²: 127 (3.1%)
(Region: 3.5%)

Unemployment Rate in 2005³: 6.2%

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 | 299 |
| 2 | Massac, IL | 147 |
| 3 | Union, IL | 140 |

Top 3 Counties to which Workers Out-Commute

| | | |
|---|----------------|-----|
| 1 | Williamson, IL | 792 |
| 2 | Massac, IL | 271 |
| 3 | McCracken, KY | 237 |

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

Total number in-commuting: 1,086
Total number out-commuting: 2,309
Net commuting: -1,223
Total county workforce: 4,311
Net commuting as % of county workforce: -28.4%

Top Industries for Employment

| Rank | NAICS Code | Industry Name | Employment |
|------|------------|---|------------|
| 1 | 72 | Accommodation and Food Services | 178 |
| | 722 | Food Services and Drinking Places | 147 |
| | 722211 | Limited-Service Restaurants | 91 |
| | 722110 | Full-Service Restaurants | 54 |
| 2 | 62 | Health Care and Social Assistance | 159 |
| | 623 | Nursing and Residential Care Facilities | 74 |
| 3 | 42 | Wholesale Trade | 152 |
| 4 | 23 | Construction | 140 |
| 5 | 541 | Professional, Scientific, and Technical Services | 76 |

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 | 15,183 | 13.2% |
| Soy | 16,374 | 14.2% |
| Winter wheat | 7,467 | 6.5% |
| Other small grains/ Hay | 2,127 | 1.8% |
| Winter wheat/ Soybeans | 2,895 | 2.5% |
| Other Agriculture | 278 | 0.2% |
| Rural grassland | 70,856 | 61.5% |
| Total | 115,180 | 100.0% |

2002 Market value of agricultural crop products sold (in \$1,000):
5,665 (Region average: 18,669)

2002 Market value of livestock and poultry products sold (in \$1,000):
5,175 (Region average: 5,768)

2002 Market value of total agricultural products sold (in \$1000):
10,841 (Region average: 23,361)

2002 Market value of agricultural products sold average per farm (in dollars):
17,045 (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 | 311 | 264 | -15% | 18,093 | 17,190 | -5% |
| Hogs | 31 | 16 | -48% | 6,241 | 8,421 | +35% |
| Horses | 112 | 145 | +29% | 558 | 969 | +74% |

Source: USDA, 1997 and 2002 Census of Agriculture

| Soil Type | Acreage | Percent |
|--|---------|---------|
| Prime farmland soils (not eroded) | 74,713 | 33.9% |
| Prime farmland soils (eroded) | 52,165 | 23.7% |
| Non-prime farmland soils (all erosion classes) | 93,222 | 42.4% |
| Total | 220,100 | 100.0% |

Source: National Resources Conservation Service (NRCS), Web Soil Survey, and Johnson Soil Survey Report (1964)

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%.

| Irrigation | 1997 | 2002 |
|-------------------------------|---------|---------|
| Acres Land in Irrigated Farms | D | 870 |
| Total Acres Farmland | 112,138 | 120,922 |
| % Farmland Irrigated | — | 0.7% |

Source: USDA, 1997 and 2002 Census of Agriculture

Note: "D" indicates this information was not disclosed.

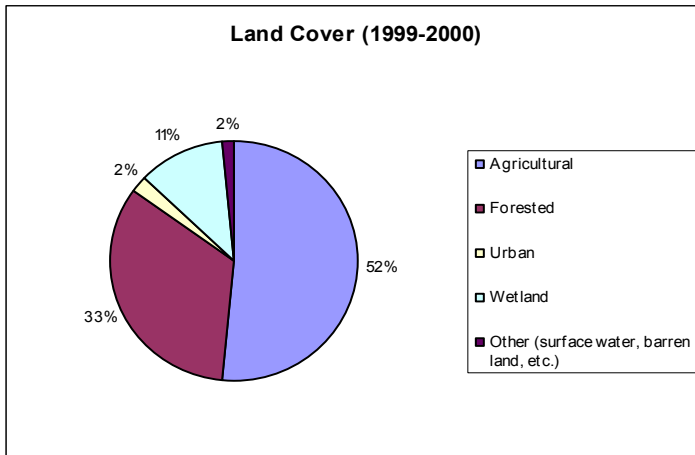
Environmental Indicators

Land

| Land Cover (1999-2000) | Acreages | Percent (County) | Percent (Region) | Percent (State) |
|------------------------|----------------|------------------|------------------|-----------------|
| Agricultural | 115,180 | 51.6% | 64.6% | 76.3% |
| Forested | 74,585 | 33.4% | 21.0% | 11.5% |
| Urban | 4,557 | 2.0% | 3.0% | 6.4% |
| Wetland | 24,807 | 11.1% | 8.5% | 3.9% |
| Other | 3,934 | 1.8% | 2.8% | 1.8% |
| Total | 223,063 | 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



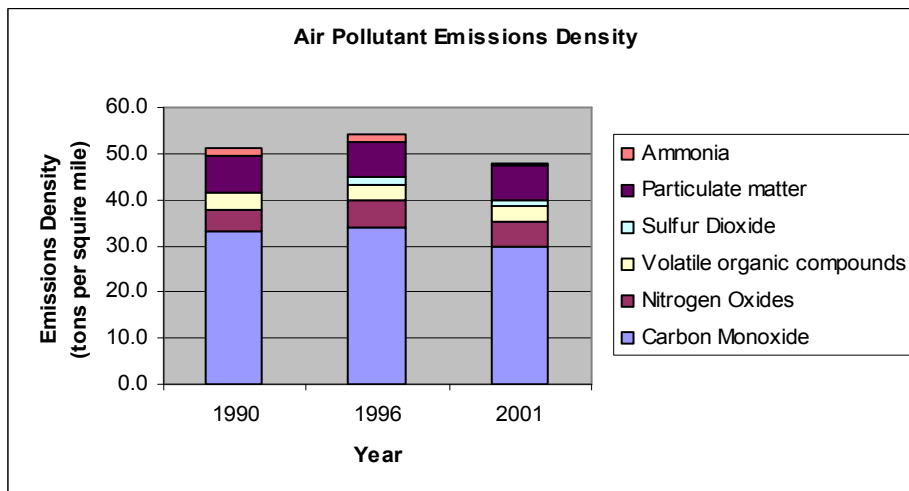
| Timberland Ownership Classes | Acreages | Percent |
|------------------------------|---------------|---------------|
| National Forest | 15,300 | 19.1% |
| Other Public | 3,200 | 4.0% |
| Corporate | 0 | 0.0% |
| Private | 61,800 | 77.0% |
| Total | 80,300 | 100.0% |

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. |
|--|------|------|------|------------------|
| | 51.3 | 54.1 | 48.0 | 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: 9
Number of water health based violation (since 1993): 3
Number of impaired or threatened water bodies: 99
Percentage of surface water areas with impaired or threatened uses: 10%

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 |
|---|-------------|-------------|-------------|
| | 1.44 | 1.96 | 2.10 |

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

Toxics and Wastes

| Facilities Generating Toxics and Wastes | Number |
|--|---------------|
| Facilities producing air emissions | 18 |
| Companies with wastewater discharging permits | 19 |
| Facilities having toxic chemical releases | 0 |
| Potential waste sites in Superfund | 0 |
| Hazardous waste generating facilities | 20 |
| Radiation regulated facilities | 0 |

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

Outdoor Recreational Areas

Shawnee National Forest

- Dutchman Lake
- Trigg Tower

Lake of Egypt Federal Recreational Area
Ferne Clyffe State Park
Cache River State Natural Area

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

Demographic Indicators

| Population | 1990 | 2000 | 2005 |
|--|--------|--------|--------|
| Population Density (population per square mile land area) | 33 | 37 | 38 |
| Population | 11,347 | 12,878 | 13,169 |
| Dependency Ratio | 46.2 | 40.0 | — |
| Inmate Population | 1,997 | 2,640 | — |

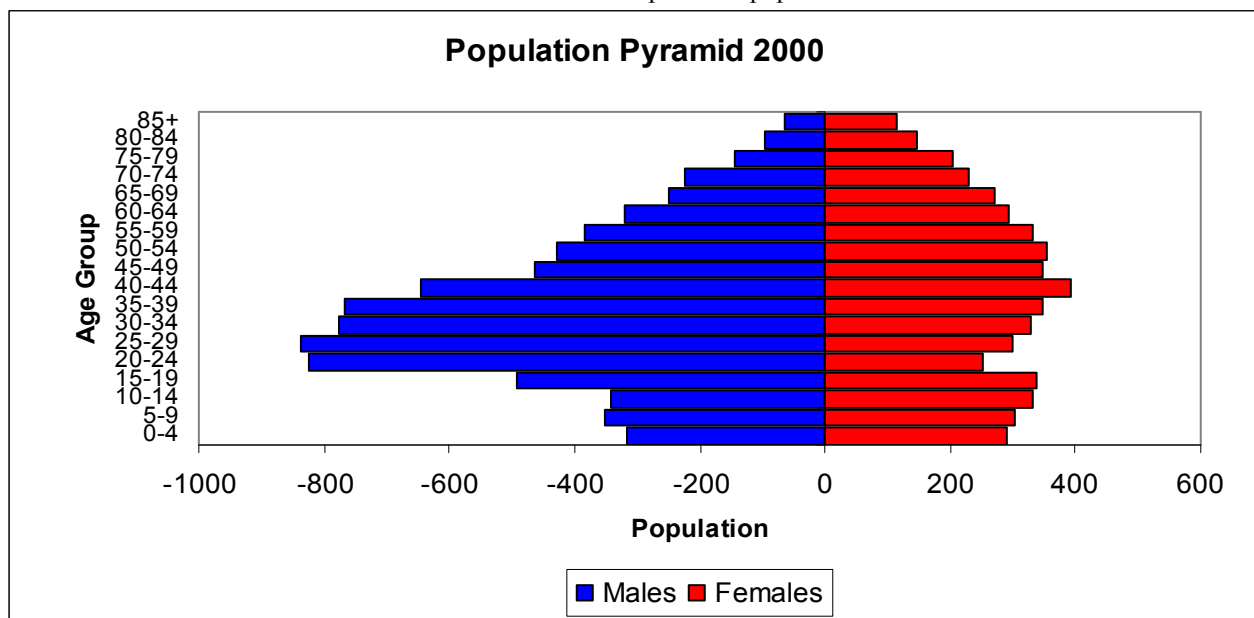
Source: U.S. Census Bureau

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 | Johnson | Region Avg. | State |
|---|---------|-------------|-------|
| Average Crude Birth Rate (1990-2004) | 9.5 | 11.2 | 14.9 |
| Average Crude Death Rate (1990-2004) | 9.2 | 12.5 | 8.6 |
| Average Percent of Birth of Low Birth Weight to Total Birth (1995-2001) | 6.3% | 7.7% | 8.0% |
| Percent of People with Disability in the 16 to 64 Age Group (2000) | 18.5% | 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

Note: All figures on the X-axis are population numbers and should be treated as positive.

Ancestry

| Ancestry | Number | Percent |
|------------------------|--------|---------|
| US/American | 1,846 | 20.9% |
| German | 1,710 | 19.4% |
| Irish | 1,332 | 15.1% |
| English | 1,222 | 13.8% |
| Other groups | 1,141 | 12.9% |
| French (except Basque) | 243 | 2.8% |
| Dutch | 216 | 2.4% |

Source: US Census Bureau, Census 2000

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

Race/Ethnicity

| Race/Ethnicity | Number | Percent |
|--|--------|---------|
| White alone | 10,553 | 81.9% |
| Black or African American alone | 1,821 | 14.1% |
| Hispanic or Latino | 368 | 2.9% |
| American Indian and Alaska Native alone | 34 | 0.3% |
| Asian alone | 17 | 0.1% |
| Native Hawaiian and Other Pacific Islander alone | 0 | 0.0% |
| Some other race alone | 0 | 0.0% |
| Two or more races | 85 | 0.7% |
| Total Population | 12,878 | 100.0% |

2002-2003 County-to-County Migration

| Migration | In-migrants | Out-migrants | Net migrants |
|---|----------------------|----------------------|--------------|
| Total migration: US and Foreign | 724 | 561 | 163 |
| Median adjusted gross income of migrants | \$22,099 | \$18,310 | — |
| Total US migration | 724 | 561 | 163 |
| Total migration to/from the same state | 535 | 377 | 158 |
| Total migration to/from a different state | 189 | 184 | 5 |
| Non-migrants | 9,162 | 9,162 | — |
| #1 County migrants move from/to | Williamson, IL (129) | Williamson, IL (157) | -28 |
| #2 County migrants move from/to | Union, IL (47) | Massac, IL (48) | |
| #3 County migrants move from/to | Cook, IL (34) | McCracken, KY (46) | — |

Source: 2003 IRS Migration Files

Note: This table shows that between 2002 and 2003, there were 163 net migrants to Johnson County. The incomes of the in-migrants were substantially higher than that of the out-migrants, likely a result of either changing age or employment structure. Most migrant movement occurred within Illinois rather than across state lines. Williamson is both the most population county from which in-migrants move and to which out-migrant move. On net, Johnson County lost 28 residents to Williamson County in 2002-2003.

Social Indicators

Education

| Enrollment | Number | % Change 2004-2005 |
|---|--------|--------------------|
| 2005-2006 K-12 Enrollment | 1,773 | +2.7% |
| 2005-2006 Total Housed Student Enrollment | 1,905 | +0.8% |
| Projected 2007-2008 Enrollment (K-12) | 1,749 | +1.3% |
| Projected 2012-2013 Enrollment (K-12) | 1,776 | +2.8% |

| Race/Ethnicity (2005-2006) | Number | Percent |
|----------------------------|--------|---------|
| White | 1,864 | 97.8% |
| Black | 6 | 0.3% |
| American Indian | 1 | 0.1% |
| Asian | 5 | 0.3% |
| Hispanic | 24 | 1.3% |
| Multi-racial | 5 | 0.3% |
| Total | 1,905 | 100.0% |

| Selected School Report Statistics | Johnson | Region Avg. | State |
|--|---------|-------------|-------|
| Average Low-income-family Student Rate in 2005 | 47.3 | 45.5 | 40.0 |
| Average High School Dropout Rate in 2005 | 1.6 | 3.2 | 4.0 |
| Average High School Graduation Rate in 2005 | 97.2 | 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 | 5,242 | 66.2% | 6,078 | 67.1% |
| Bachelor's Degree or Higher | 724 | 9.1% | 1,060 | 11.7% |

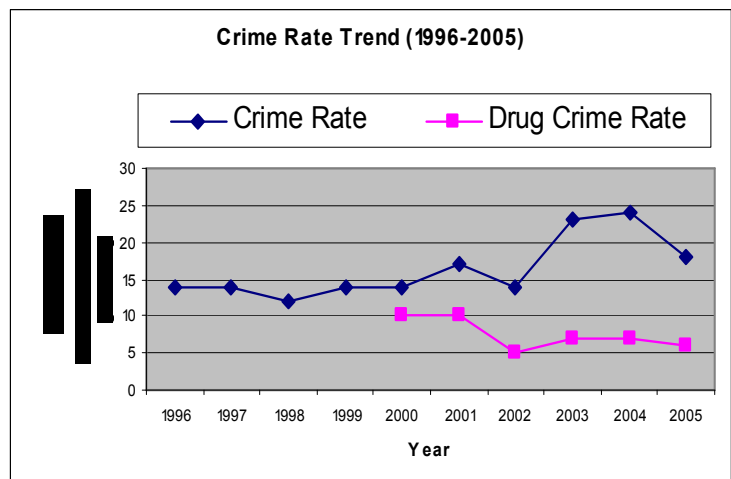
Source: US Census Bureau, Census 1990 and 2000,

Crime

| Crime in 2005 | Number |
|--|--------|
| Total Crimes | 240 |
| Crime Rate (crimes per 1,000 persons) | 18 |
| Drug Arrests | 72 |
| Drug Crime Arrest Rate (arrests per 1,000 persons) | 6 |

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 rela-



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 |
| | 85.6% | 83.0% | 84.8% |

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

Housing

| Housing | Percent | Region |
|---|----------------|---------------|
| Mobile homes that are rented | 17.2% | 24.6% |
| Owner-occupied units with housing problems | 21.4% | 18.7% |
| Renter-occupied units with housing problems | 30.2% | 35.6% |
| Homeownership | 84.9% | 73.6% |
| Homeownership among blacks/African Americans (2) | 100% | 41.4% |
| Vacant housing units for seasonal or recreational use | 9.1% | 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.

2) There are 5 households in the county in which the householder is black or African American alone

| |
|--|
| <p>Housing Permits in 2005: 7 Houses Sold in the First Quarter of 2006: 11 Median House Sale Price in the First Quarter of 2006: \$125,000</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.