



# Strategic Agricultural Visioning and Economic Development Effingham County



Created by Illinois Value-Added Rural Development  
Center (IVARDC) / Illinois Cooperative Development Center

| Census of Agriculture                                   | Year       |           |           | Pct. Chg.<br>1992-2002 |
|---|------------|-----------|-----------|------------------------|
|   | 1992       | 1997      | 2002      |                        |
| <b>Farm Characteristics</b>                             |            |           |           |                        |
| Number of Farms   | 1,140      | 1,035     | 1,134     | (0.5)                  |
| Land in Farms (acres)                                   | 257,761    | 256,786   | 278,199   | 7.9                    |
| Average Size of Farm (acres)                            | 226        | 248       | 245       | 8.4                    |
| Percent of Land:  |            |           |           |                        |
| Harvested Cropland                                      | 79.2       | 82.0      | 79.4      | 0.2                    |
| Pasture   | 7.3        | 7.0       | 7.2       | (0.5)                  |
| Woodland  | 7.9        | 7.4       | 7.9       | 0.0                    |
| Used for House Lots, Ponds, Roads, Wasteland, Etc.      | 5.6        | 3.7       | 5.4       | (2.8)                  |
| Estimated Market Value of Land and Buildings:           |            |           |           |                        |
| Average Per Farm  | \$327,482  | \$496,599 | \$487,464 | 48.9                   |
| Inflation Adjusted (1992=100.0)                         | \$327,482  | \$434,090 | \$380,148 | 16.1                   |
| Average Per Acre  | \$1,467    | \$2,085   | \$2,170   | 47.9                   |
| Inflation Adjusted (1992=100.0)                         | \$1,467    | \$1,823   | \$1,692   | 15.4                   |
| <b>Farm Production Characteristics</b>                  |            |           |           |                        |
| Market Value of Agricultural Products Sold (\$1,000)    | \$71,298   | \$79,036  | \$72,294  | 1.4                    |
| Rank In State (1=Selling Most and 102=Selling Least)    | 45         | 47        | 45        | -                      |
| Average Per Farm  | \$62,542   | \$76,363  | \$63,752  | 1.9                    |
| Inflation Adjusted (1992=100.0)                         | \$62,542   | \$66,751  | \$49,717  | (20.5)                 |
| Crops, Including Nursery and Greenhouse Crops (\$1,000) | \$36,835   | \$45,133  | \$38,001  | 3.2                    |
| Livestock, Poultry, and Their Products (\$1,000)        | \$34,463   | \$33,903  | \$34,293  | (0.5)                  |
| Number of Farms Selling Livestock:                      |            |           |           |                        |
| Cattle and Calves                                       | 474        | 427       | 362       | (23.6)                 |
| Hogs and Pigs   | 255        | 155       | 110       | (56.9)                 |
| Number of Livestock Sold:                               |            |           |           |                        |
| Cattle and Calves                                       | 12,574     | 9,673     | 10,447    | (16.9)                 |
| Hogs and Pigs   | 98,008     | 163,001   | 213,772   | 118.1                  |
| Number of Farms with Harvested Crops:                   |            |           |           |                        |
| Corn for Grain or Seed                                  | 819        | 732       | 646       | (21.1)                 |
| Corn for Silage or Green Chop                           | 142        | 118       | 116       | (18.3)                 |
| Wheat for Grain   | 645        | 477       | 293       | (54.6)                 |
| Soybeans for Beans                                      | 811        | 723       | 707       | (12.8)                 |
| Acres Harvested:  |            |           |           |                        |
| Corn for Grain or Seed                                  | 82,668     | 87,605    | 90,136    | 9.0                    |
| Corn for Silage or Green Chop                           | 4,073      | 3,067     | 4,304     | 5.7                    |
| Wheat for Grain   | 26,672     | 20,403    | 10,667    | (60.0)                 |
| Soybeans for Beans                                      | 81,855     | 93,641    | 108,989   | 33.1                   |
| Quantity of Harvested Crops:                            |            |           |           |                        |
| Corn for Grain or Seed (bushels)                        | 10,435,368 | 8,674,929 | 8,085,045 | (22.5)                 |
| Corn for Silage or Green Chop (tons, greens)            | 60,316     | 47,484    | 61,636    | 2.2                    |
| Wheat for Grain (bushels)                               | 1,419,017  | 1,187,945 | 524,942   | (63.0)                 |
| Soybeans for Beans (bushels)                            | 2,990,332  | 3,488,419 | 3,505,786 | 17.2                   |
| Consumer Price Index (1992=100)                         | 100.0      | 114.4     | 128.2     | 28.2                   |

| Effingham County<br>Census of Population and Housing       | Year   |        | Change<br>1990-2000 | Pct. Chg.<br>1990-2000 |
|--|--------|--------|---------------------|------------------------|
|  | 1990   | 2000   |                     |                        |
| <b>Population</b>  | 31,704 | 34,264 | 2,560               | 8.1                    |
| <b>Civilian Labor Force (Population 16 Years and Over)</b> |        |        |                     |                        |
| Employed   | 14,996 | 17,234 | 2,238               | 14.9                   |
| Unemployed   | 508    | 811    | 303                 | 59.6                   |
| Rate   | 3.3    | 4.5    | 1.2                 | 37.2                   |
| <b>Industry Employment</b>                                 |        |        |                     |                        |
| Agriculture, Forestry, Fishing, Hunting, and Mining        | 865    | 562    | -303                | -35.0                  |
| Manufacturing  | 3,684  | 3,474  | -210                | -5.7                   |
| Wholesale and Retail Trade                                 | 3,729  | 3,130  | -599                | -16.1                  |
| Finance, Insurance, Real Estate (F/I/RE)                   | 577    | 744    | 167                 | 28.9                   |
| Services   | 3,902  | 6,000  | 2,098               | 53.8                   |
| Public Administration                                      | 390    | 541    | 151                 | 38.7                   |
| Other*   | 1,849  | 2,783  | 934                 | 50.5                   |

\*Other consists of construction, transportation and warehousing, utilities, and information.

| Effingham County<br>Illinois Department of Revenue | Year          |               | Change<br>1998-2001 | Pct. Chg.<br>1998-2001 |
|--|---------------|---------------|---------------------|------------------------|
|  | 1998          | 2001          |                     |                        |
| <b>Equalized Assessed Value (EAV)</b>              |               |               |                     |                        |
| Total  | \$351,145,156 | \$440,318,000 | 89,172,844          | 25.4                   |
| Residential  | 195,140,449   | 226,862,000   | 31,721,551          | 16.3                   |
| Farm   | 64,387,079    | 68,440,000    | 4,052,921           | 6.3                    |
| Commercial   | 74,936,863    | 127,933,000   | 52,996,137          | 70.7                   |
| Industrial   | 11,062,500    | 11,952,000    | 889,500             | 8.0                    |
| Railroad   | 5,034,340     | 4,530,000     | -504,340            | -10.0                  |
| Mineral  | 583,925       | 601,000       | 17,075              | 2.9                    |

| State of Illinois<br>Illinois Agricultural Statistics             | Year    |         |         |         |
|---|---------|---------|---------|---------|
|   | 2000    | 2001    | 2002    | 2003    |
| <b>Cost to Grow Corn</b>  |         |         |         |         |
| Yield   | 158     | 161     | 145     | 174     |
| Cost Per Bushel   | \$2.63  | \$2.61  | \$2.76  | \$2.27  |
| Annual Average Price  | \$1.91  | \$2.05  | \$2.35  | \$2.45  |
| Management Margin   | -\$0.72 | -\$0.56 | -\$0.41 | \$0.18  |
| <b>Cost to Grow Soybeans</b>                                      |         |         |         |         |
| Yield   | 47      | 48      | 48      | 38      |
| Cost Per Bushel   | \$7.29  | \$6.99  | \$6.79  | \$8.42  |
| Annual Average Price  | \$4.62  | \$4.50  | \$5.66  | \$7.35  |
| Management Margin   | -\$2.67 | -\$2.49 | -\$1.13 | -\$1.07 |
| <b>Livestock Returns above Cost of Feed and Purchased Animals</b> |         |         |         |         |
| Hogs (per cwt.)   | \$22.59 | \$21.36 | \$10.68 | \$15.25 |
| Feeder Pigs (per cwt.)  | \$11.12 | \$14.31 | \$5.61  | \$9.45  |
| Feeder Cattle (per cwt.)  | \$16.87 | \$10.21 | \$10.85 | \$37.82 |
| Dairy (per cow)   | \$1,239 | \$1,845 | \$1,370 | \$1,480 |
| Beef Herd Calves Sold (per cow)                                   | \$78    | \$104   | \$58    | \$102   |

#### Agricultural Exports (State of Illinois)

| Economic Research Service, USDA    | Year           |                |                | 2004 as %<br>of total |
|------------------------------------|----------------|----------------|----------------|-----------------------|
|                                    | 2002           | 2003           | 2004           |                       |
| <b>Commodities (\$Million)</b>     |                |                |                |                       |
| Feed grains & products             | 1,055.4        | 994.1          | 1,340.2        | 36.7%                 |
| Soybeans & products                | 1,212.2        | 1,361.2        | 1,397.8        | 38.3%                 |
| Live animals & meat (exc. poultry) | 273.9          | 269.8          | 247.0          | 6.8%                  |
| Wheat & products                   | 115.6          | 109.0          | 152.6          | 4.2%                  |
| Feeds & fodders                    | 56.0           | 55.2           | 57.2           | 1.6%                  |
| Hides & skins                      | 48.0           | 48.5           | 51.1           | 1.4%                  |
| Seeds                              | 11.9           | 6.4            | 6.3            | 0.2%                  |
| Fats, oils, & greases              | 14.1           | 17.0           | 20.6           | 0.6%                  |
| Other                              | 331.8          | 341.3          | 381.5          | 10.4%                 |
| <b>TOTAL</b>                       | <b>3,118.8</b> | <b>3,202.5</b> | <b>3,654.4</b> |                       |

## Area Profile Comparison

| Characteristic   | Regional County Comparisons |          |          |          |            |          |
|--|-----------------------------|----------|----------|----------|------------|----------|
|  | Effingham                   | Clay     | Fayette  | Shelby   | Cumberland | Jasper   |
| <b>Farm Characteristics</b>                                |                             |          |          |          |            |          |
| Land in Farms (acres), 2002                                | 278,199                     | 243,154  | 365,680  | 419,814  | 173,363    | 271,329  |
| Change from 1997 to 2002                                   | 8.3%                        | 1.9%     | 9.7%     | 0.3%     | 2.1%       | 7.6%     |
| Average Size of Farms (acres), 2002                        | 245                         | 346      | 293      | 342      | 297        | 343      |
| Change from 1997 to 2002                                   | -1.2%                       | -9.2%    | -1.7%    | 2.1%     | -4.2%      | -0.9%    |
| Farming as Principal Occupation, 2002                      | 653                         | 395      | 755      | 806      | 357        | 537      |
| Change from 1997 to 2002                                   | 9.0%                        | 4.2%     | 25.4%    | 2.7%     | 3.8%       | 8.5%     |
| <b>Farm Production Characteristics</b>                     |                             |          |          |          |            |          |
| Market Value of Agricultural Products Sold, 2002 (\$1,000) | 72,294                      | 37,301   | 66,491   | 94,959   | 50,778     | 68,898   |
| Change from 1997 to 2002                                   | -8.5%                       | -24.3%   | -7.6%    | -15.6%   | -5.7%      | -19.9%   |
| Percentage of Value From:                                  |                             |          |          |          |            |          |
| Crop Sales, 2002   | 52.6%                       | 74.8%    | 84.2%    | 77.1%    | 61.8%      | 63.9%    |
| Livestock Sales, 2002                                      | 47.4%                       | 25.2%    | 15.8%    | 22.9%    | 38.2%      | 36.1%    |
| Average Market Value of Products Sold Per Farm             | \$63,752                    | \$53,059 | \$53,278 | \$77,328 | \$87,097   | \$87,102 |
| Change from 1997 to 2002                                   | -16.5%                      | -32.4%   | -17.2%   | -14.1%   | -11.6%     | -26.2%   |
| <b>Illinois Agricultural Statistics 2003</b>               |                             |          |          |          |            |          |
| Yield  |                             |          |          |          |            |          |
| Corn   | 151                         | 126      | 136      | 160      | 159        | 147      |
| Soybeans   | 39                          | 34       | 32       | 41       | 42         | 40       |
| Cattle and Hog Sold  |                             |          |          |          |            |          |
| Cattle and Calves Sold                                     | 10,447                      | 4,025    | 9,335    | 11,390   | 6,600      | 5,190    |
| Hogs Sold  | 213,772                     | 142,987  | 23,469   | 111,580  | 208,834    | 275,556  |

| Characteristic   | Regional County Comparisons |          |           |           | State of Illinois | Nine County Regional Averages |
|--|-----------------------------|----------|-----------|-----------|-------------------|-------------------------------|
|  | Marion                      | Coles    | Christian | Clinton   |                   |                               |
| <b>Farm Characteristics</b>                                |                             |          |           |           |                   |                               |
| Land in Farms (acres), 2002                                | 261,899                     | 261,138  | 410,549   | 254,629   | 27,204,780        | 293,975                       |
| Change from 1997 to 2002                                   | 5.0%                        | 1.6%     | 5.3%      | 9.0%      | -0.4%             | 5.0%                          |
| Average Size of Farms (acres), 2002                        | 239                         | 382      | 516       | 278       | 372               | 328                           |
| Change from 1997 to 2002                                   | -15.5%                      | 1.3%     | 8.4%      | 2.2%      | 0.5%              | -1.4%                         |
| Farming as Principal Occupation, 2002                      | 541                         | 451      | 521       | 598       | 41,645            | 561                           |
| Change from 1997 to 2002                                   | 21.8%                       | 3.7%     | -14.3%    | 12.6%     | -13.0%            | 7.5%                          |
| <b>Farm Production Characteristics</b>                     |                             |          |           |           |                   |                               |
| Market Value of Agricultural Products Sold, 2002 (\$1,000) | 38,901                      | 60,989   | 110,613   | 140,735   | 8,556,486         | 74,196                        |
| Change from 1997 to 2002                                   | -30.0%                      | -16.3%   | -10.1%    | 31.9%     | -10.3%            | -8.5%                         |
| Percentage of Value From:                                  |                             |          |           |           |                   |                               |
| Crop Sales, 2002   | 73.5%                       | 92.4%    | 93.3%     | 29.8%     | 76.5%             | 67.5%                         |
| Livestock Sales, 2002                                      | 26.5%                       | 7.6%     | 6.7%      | 70.2%     | 23.5%             | 32.5%                         |
| Average Market Value of Products Sold Per Farm             | \$35,526                    | \$89,166 | \$138,962 | \$153,809 | \$117,130         | \$83,908                      |
| Change from 1997 to 2002                                   | -43.6%                      | -16.7%   | -7.4%     | 24.0%     | -10.3%            | -13.5%                        |
| <b>Illinois Agricultural Statistics 2003</b>               |                             |          |           |           |                   |                               |
| Yield  |                             |          |           |           |                   |                               |
| Corn   | 98                          | 170      | 192       | 127       | 129               | 147                           |
| Soybeans   | 27                          | 46       | 45        | 33        | 43                | 38                            |
| Cattle and Hog Sold  |                             |          |           |           |                   |                               |
| Cattle and Calves Sold                                     | 5,370                       | 4,933    | 3,233     | 14,061    | 659,000           | 7,458                         |
| Hogs Sold  | 32,579                      | 6,282    | 63,195    | 556,807   | 8,339,000         | 163,506                       |

## 2002 Agriculture Facts

### National:

- In 2002, the number of farms in the United States was estimated at 2,128,982, down 1.98% from 2001.
- Total agricultural land in U.S. farms in 2002 was 938.279 million acres, down from 941.21 million in 2001. Land in farms has declined every year since reaching its peak at 1,206 million acres in 1954.

### Illinois:

- 73,027 farms in Illinois contained 27.31 million acres of land.
- Average farm size was 374 acres.
- In 2002, cropland cash rent was \$122/acre.
- As of 2002, the average per acre nominal value of farm real estate was \$2,425/acre.
- Corn production totaled 1418.9 billion bushels, down 14.02 percent from 2001.
- The average yield for corn was 136 bu/acre.
- According to the Illinois Corn Growers Association, Investment by the ethanol industry in Illinois exceeds \$1 billion, generating 800 jobs in plant operations and 4,000 jobs in the industry-related service sector.
- Soybean production totaled 439 million bushels, 8.14% lower than 2001.
- Soybeans yielded an average of 43 bu/acre.
- Illinois pork producers produced 11,178,721 hogs.
- Cattle and calf production totaled 917,251 heads.
- During the fiscal year ending September 30, 2004, Illinois' export shares totaled \$3.654 billion dollars, which ranked Illinois 3rd among all states in total agricultural exports. During the same year, Illinois ranked 1st in the export in soybeans and products, 2nd of feed grains and products, and 7th in live animals and meat.

### Effingham County

- 8.1 million bushels of corn were produced on 90,136 acres resulting in an average yield of 101 bu/acre. Total cash receipts were \$17.0 million.
- 3.5 million bushels of soybeans were produced on 108,989 acres resulting in an average yield of 33.0 bu/acre. Total cash receipts were \$19.0 million.
- 86,400 was the number of hogs and pigs with cash receipts for hogs and pigs totaling \$15.2 million.
- 5,500 was the number of beef cows with cash receipts totaling \$6.6 million.

Source: Information compiled by Illinois Institute for Rural Affairs staff. U.S. Bureau of the Census, 1992, 1997, 2002, *Census of Agriculture*, U.S. Bureau of the Census, *Statistical Abstract of the United States*: 2000 (120th edition.) Washington, DC, 2000. U.S. Bureau of Economic Analysis, [On-line]. Available: <http://fisher.lib.virginia.edu/cgi-local/eisbin/county2.cgi>, 2001. U.S. Bureau of the Census. Available: [http://www.census.gov/census\\_2000/datasets/Summary\\_File\\_1/Illinois/](http://www.census.gov/census_2000/datasets/Summary_File_1/Illinois/) file names: il00001\_uf1.zip thru il00039\_uf1.zip (39 files) and ilgeo\_uf1.z  
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