



# Strategic Agricultural Visioning and Economic Development Carroll County



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

Census of Agriculture	Year			Pct. Chg. 1992-2002
	1992	1997	2002	
<b>Farm Characteristics</b>				
Number of Farms	657	625	656	(0.2)
Land in Farms (acres)	238,906	243,305	247,536	3.6
Average Size of Farm (acres)	364	389	377	3.6
Percent of Land:				
Harvested Cropland	75.7	79.6	80.9	6.9
Pasture	11.6	10.3	7.6	(34.7)
Woodland	5.4	5.5	5.2	(3.4)
Used for House Lots, Ponds, Roads, Wasteland, Etc.	7.3	4.6	6.3	(13.5)
Estimated Market Value of Land and Buildings:				
Average Per Farm	\$530,372	\$801,774	\$956,194	80.3
Inflation Adjusted (1992=100.0)	\$530,372	\$700,851	\$745,687	40.6
Average Per Acre	\$1,433	\$2,152	\$2,377	65.9
Inflation Adjusted (1992=100.0)	\$1,433	\$1,881	\$1,854	29.4
<b>Farm Production Characteristics</b>				
Market Value of Agricultural Products Sold (\$1,000)	\$99,177	\$123,059	\$110,970	11.9
Rank In State (1=Selling Most and 102=Selling Least)	24	22	23	(4.2)
Average Per Farm	\$150,955	\$196,895	\$169,162	12.1
Inflation Adjusted (1992=100.0)	\$150,955	\$172,111	\$131,921	(12.6)
Crops, Including Nursery and Greenhouse Crops (\$1,000)	\$36,665	\$61,213	\$62,365	70.1
Livestock, Poultry, and Their Products (\$1,000)	\$62,512	\$61,847	\$48,605	(22.2)
Number of Farms Selling Livestock:				
Cattle and Calves	354	304	232	(34.5)
Hogs and Pigs	166	123	48	(71.1)
Number of Livestock Sold:				
Cattle and Calves	55,701	68,002	41,695	(25.1)
Hogs and Pigs	74,727	128,719	91,485	22.4
Number of Farms with Harvested Crops:				
Corn for Grain or Seed	515	436	381	(26.0)
Corn for Silage or Green Chop	182	110	95	(47.8)
Wheat for Grain	8	21	18	125.0
Soybeans for Beans	239	293	295	23.4
Acres Harvested:				
Corn for Grain or Seed	133,260	132,961	122,362	(8.2)
Corn for Silage or Green Chop	7,493	4,274	3,569	(52.4)
Wheat for Grain	192	632	449	133.9
Soybeans for Beans	19,557	39,109	54,687	179.6
Quantity of Harvested Crops:				
Corn for Grain or Seed (bushels)	17,491,658	18,289,385	20,176,626	15.3
Corn for Silage or Green Chop (tons, greens)	123,221	76,879	67,871	(44.9)
Wheat for Grain (bushels)	7,572	28,732	26,362	248.2
Soybeans for Beans (bushels)	884,303	2,027,762	2,933,623	231.7
Consumer Price Index (1992=100)	100.0	114.4	128.2	28.2

Carroll County Census of Population and Housing	Year		Change 1990-2000	Pct. Chg. 1990-2000
	1990	2000		
<b>Population</b>	16,805	16,674	-131	-0.8
<b>Civilian Labor Force (Population 16 Years and Over)</b>				
Employed	7,667	7,724	57	0.7
Unemployed	469	569	100	21.3
Rate	5.8	6.9	1.1	19.0
<b>Industry Employment</b>				
Agriculture, Forestry, Fishing, Hunting, and Mining	1,011	502	-509	-50.3
Manufacturing	1,678	2,024	346	20.6
Wholesale and Retail Trade	1,337	942	-395	-29.5
Finance, Insurance, Real Estate (F/I/RE)	412	383	-29	-7.0
Services	1,755	2,380	625	35.6
Public Administration	437	277	-160	-36.6
Other*	1,037	1,216	179	17.3

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

Carroll County Illinois Department of Revenue	Year		Change 1998-2001	Pct. Chg. 1998-2001
	1998	2001		
<b>Equalized Assessed Value (EAV)</b>				
Total	\$207,023,426	\$249,615,000	42,591,574	20.6
Residential	115,055,861	144,966,000	29,910,139	26.0
Farm	68,849,342	70,564,000	1,714,658	2.5
Commercial	15,838,013	26,128,000	10,289,987	65.0
Industrial	3,525,831	3,460,000	-65,831	-1.9
Railroad	3,754,379	4,497,000	742,621	19.8
Mineral	0	0	0	NA

State of Illinois 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

Commodities (\$Million)	Year			2004 as % of total
	2002	2003	2004	
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					
	Carroll	Jo Daviess	Stephenson	Ogle	Lee	Whiteside
<b>Farm Characteristics</b>						
Land in Farms (acres), 2002	247,536	264,493	324,118	372,285	389,037	379,366
Change from 1997 to 2002	1.7%	-4.1%	5.0%	-1.9%	-1.0%	-1.4%
Average Size of Farms (acres), 2002	377	267	302	330	462	379
Change from 1997 to 2002	-3.1%	-8.9%	6.0%	-4.3%	6.2%	2.4%
Farming as Principal Occupation, 2002	432	607	755	732	625	712
Change from 1997 to 2002	-6.9%	-8.6%	-15.1%	-3.7%	-10.1%	-6.6%
<b>Farm Production Characteristics</b>						
Market Value of Agricultural Products Sold, 2002 (\$1,000)	110,970	70,163	124,940	131,454	129,461	144,106
Change from 1997 to 2002	-9.8%	-3.3%	-12.0%	-11.7%	-5.0%	-8.2%
Percentage of Value From:						
Crop Sales, 2002	56.2%	42.5%	47.8%	65.0%	83.5%	66.7%
Livestock Sales, 2002	43.8%	57.5%	52.2%	35.0%	16.5%	33.3%
Average Market Value of Products Sold Per Farm	\$169,162	\$70,943	\$116,224	\$116,434	\$153,754	\$143,962
Change from 1997 to 2002	-14.1%	-8.0%	-11.5%	-14.1%	2.0%	-4.7%
<b>Illinois Agricultural Statistics 2003</b>						
Yield						
Corn	173	155	159	158	152	176
Soybeans	35	26	26	27	30	35
Cattle and Hog Sold						
Cattle and Calves Sold	41,695	32,624	26,600	41,133	15,066	41,346
Hogs Sold	91,485	38,418	182,602	191,586	96,148	132,257

Characteristic	Regional County Comparisons				State of Illinois	Nine County Regional Averages
	Winnebago	De Kalb	Bureau	Henry		
<b>Farm Characteristics</b>						
Land in Farms (acres), 2002	191,455	359,352	491,180	481,311	27,204,780	350,013
Change from 1997 to 2002	-2.1%	-2.4%	1.5%	5.4%	-0.4%	0.3%
Average Size of Farms (acres), 2002	275	440	450	375	372	366
Change from 1997 to 2002	-3.5%	-1.1%	7.4%	10.3%	0.5%	1.4%
Farming as Principal Occupation, 2002	442	629	817	961	41,645	671
Change from 1997 to 2002	4.0%	-5.7%	-3.4%	-2.6%	-13.0%	-6.2%
<b>Farm Production Characteristics</b>						
Market Value of Agricultural Products Sold, 2002 (\$1,000)	62,180	174,540	203,923	180,487	8,556,486	133,222
Change from 1997 to 2002	-9.8%	-4.8%	2.5%	0.8%	-10.3%	-5.5%
Percentage of Value From:						
Crop Sales, 2002	73.0%	53.3%	84.9%	63.6%	76.5%	65.2%
Livestock Sales, 2002	27.0%	46.7%	15.1%	36.4%	23.5%	34.8%
Average Market Value of Products Sold Per Farm	\$89,467	\$213,897	\$186,914	\$140,566	\$117,130	\$140,132
Change from 1997 to 2002	-10.8%	-3.4%	8.5%	5.5%	-10.3%	-4.7%
<b>Illinois Agricultural Statistics 2003</b>						
Yield						
Corn	144	170	175	170	129	163
Soybeans	25	35	37	33	43	31
Cattle and Hog Sold						
Cattle and Calves Sold	11,984	45,843	18,158	45,285	659,000	31,973
Hogs Sold	35,799	588,222	188,200	361,521	8,339,000	190,624

## 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.

### Carroll County

- 20.2 million bushels of corn were produced on 122,362 acres resulting in an average yield of 179 bu/acre. Total cash receipts were \$38.2 million.
- 2.9 million bushels of soybeans were produced on 54,687 acres resulting in an average yield of 57.0 bu/acre. Total cash receipts were \$11.5 million.
- 40,700 was the number of hogs and pigs with cash receipts for hogs and pigs totaling \$6.2 million.
- 6,700 was the number of beef cows with cash receipts totaling \$32.4 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  
Downloaded: June 27, 2001. Illinois Department of Agriculture, *Illinois Agriculture Statistics, Annual Summary, 2004*, Illinois Department of Agriculture, November, 2004. University of Illinois at Urbana-Champaign, *Farm Income & Production Costs*, University of Illinois Extension, 2003. Last Revision: April 2004. *Economic Research Service*, USDA. [On-line] Available: <http://www.ers.usda.gov/Data/StateExports/>.  
Downloaded: August 22, 2005. Illinois Department of Revenue: *Property Tax Statistics*. [On-line] Available: <http://www.revenue.state.il.us/>.

The Illinois County Agricultural Profiles are made possible with support from  
the USDA - RD, IVARDC,  
and the Illinois Institute for Rural Affairs (IIRA).  
For more information, contact Mary Holmes at 309-298-2674, 800-526-9943  
E-mail: [ML-Holmes@wiu.edu](mailto:ML-Holmes@wiu.edu), 518 Stipes Hall, Macomb, IL 61455.  
Website: [www.value-added.org](http://www.value-added.org)