



# Strategic Agricultural Visioning and Economic Development Knox 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	1,021	928	921	(9.8)
Land in Farms (acres)	385,560	389,776	393,976	2.2
Average Size of Farm (acres)	378	420	428	13.2
Percent of Land:				
Harvested Cropland	72.7	75.1	78.1	7.4
Pasture	16.1	14.1	11.0	(31.3)
Woodland	6.7	6.4	6.5	(3.4)
Used for House Lots, Ponds, Roads, Wasteland, Etc.	4.5	4.4	4.4	(3.2)
Estimated Market Value of Land and Buildings:				
Average Per Farm	\$528,236	\$737,334	\$983,435	86.2
Inflation Adjusted (1992=100.0)	\$528,236	\$644,523	\$766,931	45.2
Average Per Acre	\$1,432	\$1,923	\$2,380	66.2
Inflation Adjusted (1992=100.0)	\$1,432	\$1,681	\$1,856	29.6
<b>Farm Production Characteristics</b>				
Market Value of Agricultural Products Sold (\$1,000)	\$108,884	\$130,303	\$129,655	19.1
Rank In State (1=Selling Most and 102=Selling Least)	19	18	14	(26.3)
Average Per Farm	\$106,644	\$140,413	\$140,777	32.0
Inflation Adjusted (1992=100.0)	\$106,644	\$122,739	\$109,785	2.9
Crops, Including Nursery and Greenhouse Crops (\$1,000)	\$64,965	\$90,632	\$86,934	33.8
Livestock, Poultry, and Their Products (\$1,000)	\$43,918	\$39,671	\$42,722	(2.7)
Number of Farms Selling Livestock:				
Cattle and Calves	478	417	297	(37.9)
Hogs and Pigs	256	145	89	(65.2)
Number of Livestock Sold:				
Cattle and Calves	20,656	17,640	19,309	(6.5)
Hogs and Pigs	177,469	247,907	417,707	135.4
Number of Farms with Harvested Crops:				
Corn for Grain or Seed	772	666	529	(31.5)
Corn for Silage or Green Chop	44	38	39	(11.4)
Wheat for Grain	78	75	26	(66.7)
Soybeans for Beans	688	601	513	(25.4)
Acres Harvested:				
Corn for Grain or Seed	151,798	150,683	154,305	1.7
Corn for Silage or Green Chop	1,003	742	1,006	0.3
Wheat for Grain	2,052	2,423	773	(62.3)
Soybeans for Beans	110,898	126,522	139,238	25.6
Quantity of Harvested Crops:				
Corn for Grain or Seed (bushels)	21,967,613	21,318,177	25,247,186	14.9
Corn for Silage or Green Chop (tons, greens)	16,222	12,466	19,015	17.2
Wheat for Grain (bushels)	99,377	144,318	51,465	(48.2)
Soybeans for Beans (bushels)	4,957,706	6,315,370	7,029,444	41.8
Consumer Price Index (1992=100)	100.0	114.4	128.2	28.2

Knox County Census of Population and Housing	Year		Change 1990-2000	Pct. Chg. 1990-2000
	1990	2000		
<b>Population</b>	56,393	55,836	-557	-1.0
<b>Civilian Labor Force (Population 16 Years and Over)</b>				
Employed	25,053	25,485	432	1.7
Unemployed	1,809	1,783	-26	-1.4
Rate	6.7	6.5	-0.2	-2.9
<b>Industry Employment</b>				
Agriculture, Forestry, Fishing, Hunting, and Mining	1,360	804	-556	-40.9
Manufacturing	5,156	4,587	-569	-11.0
Wholesale and Retail Trade	5,492	4,090	-1,402	-25.5
Finance, Insurance, Real Estate (F/I/RE)	1,029	986	-43	-4.2
Services	8,049	10,191	2,142	26.6
Public Administration	835	1,125	290	34.7
Other*	3,132	3,702	570	18.2

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

Knox County Illinois Department of Revenue	Year		Change 1998-2001	Pct. Chg. 1998-2001
	1998	2001		
<b>Equalized Assessed Value (EAV)</b>				
Total	\$491,579,240	\$617,662,000	126,082,760	25.6
Residential	251,891,692	324,668,000	72,776,308	28.9
Farm	118,929,320	127,798,000	8,868,680	7.5
Commercial	91,596,721	127,251,000	35,654,279	38.9
Industrial	13,492,846	18,587,000	5,094,154	37.8
Railroad	15,668,661	19,359,000	3,690,339	23.6
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	Year			2004 as % 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					
	Knox	Fulton	Warren	Mercer	Henry	Rock Island
<b>Farm Characteristics</b>						
Land in Farms (acres), 2002	393,976	413,415	326,912	292,719	481,311	169,612
Change from 1997 to 2002	1.1%	-2.7%	3.8%	-5.4%	5.4%	-0.3%
Average Size of Farms (acres), 2002	428	392	516	392	375	257
Change from 1997 to 2002	1.9%	1.6%	16.2%	-4.6%	10.3%	-6.5%
Farming as Principal Occupation, 2002	605	677	485	498	961	427
Change from 1997 to 2002	-12.4%	-2.3%	-19.6%	-9.6%	-2.6%	14.2%
<b>Farm Production Characteristics</b>						
Market Value of Agricultural Products Sold, 2002 (\$1,000)	129,655	90,089	106,200	90,134	180,487	45,588
Change from 1997 to 2002	-0.5%	-8.9%	1.1%	-2.2%	0.8%	-8.4%
Percentage of Value From:						
Crop Sales, 2002	67.1%	74.8%	77.9%	75.5%	63.6%	76.7%
Livestock Sales, 2002	33.0%	25.2%	22.1%	24.5%	36.4%	23.3%
Average Market Value of Products Sold Per Farm	\$140,777	\$85,393	\$167,773	\$120,823	\$140,566	\$69,178
Change from 1997 to 2002	0.3%	-4.9%	13.4%	-1.1%	5.5%	-14.1%
<b>Illinois Agricultural Statistics 2003</b>						
Yield						
Corn	181	166	183	176	170	173
Soybeans	38	40	42	35	33	36
Cattle and Hog Sold						
Cattle and Calves Sold	19,309	16,389	15,212	9,583	45,285	5,897
Hogs Sold	417,707	123,870	155,931	191,803	361,521	98,552

Characteristic	Regional County Comparisons				State of Illinois	Nine County Regional Averages
	Peoria	McDonough	Henderson	Bureau		
<b>Farm Characteristics</b>						
Land in Farms (acres), 2002	266,280	324,724	201,200	491,180	27,204,780	336,133
Change from 1997 to 2002	-0.4%	-4.5%	-0.5%	1.5%	-0.4%	0.1%
Average Size of Farms (acres), 2002	299	432	513	450	372	405
Change from 1997 to 2002	3.5%	4.6%	5.1%	7.4%	0.5%	4.4%
Farming as Principal Occupation, 2002	566	474	291	817	41,645	580
Change from 1997 to 2002	11.9%	-17.6%	-18.9%	-3.4%	-13.0%	-6.2%
<b>Farm Production Characteristics</b>						
Market Value of Agricultural Products Sold, 2002 (\$1,000)	77,617	82,477	59,211	203,923	8,556,486	106,538
Change from 1997 to 2002	0.6%	-14.8%	-1.7%	2.5%	-10.3%	-2.1%
Percentage of Value From:						
Crop Sales, 2002	81.2%	86.8%	72.6%	84.9%	76.5%	75.6%
Livestock Sales, 2002	18.8%	13.2%	27.4%	15.1%	23.5%	24.4%
Average Market Value of Products Sold Per Farm	\$87,015	\$109,676	\$151,048	\$186,914	\$117,130	\$125,916
Change from 1997 to 2002	4.2%	-6.7%	3.9%	8.5%	-10.3%	2.1%
<b>Illinois Agricultural Statistics 2003</b>						
Yield						
Corn	177	179	168	175	129	175
Soybeans	38	43	37	37	43	38
Cattle and Hog Sold						
Cattle and Calves Sold	8,120	10,004	13,812	18,158	659,000	16,177
Hogs Sold	37,331	56,551	116,338	188,200	8,339,000	174,780

## 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.

### Knox County

- 25.2 million bushels of corn were produced on 154,305 acres resulting in an average yield of 170 bu/acre. Total cash receipts were \$46.4 million.
- 7.0 million bushels of soybeans were produced on 139,238 acres resulting in an average yield of 51.0 bu/acre. Total cash receipts were \$33.5 million.
- 113,600 was the number of hogs and pigs with cash receipts for hogs and pigs totaling \$21.0 million.
- 12,700 was the number of beef cows with cash receipts totaling \$8.7 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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