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# Strategic Agricultural Visioning and Economic Development Whiteside 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	1,133	1,039	1,001	(11.7)
Land in Farms (acres)	399,312	384,738	379,366	(5.0)
Average Size of Farm (acres)	352	370	379	7.7
Percent of Land:				
Harvested Cropland	82.2	86.2	85.6	4.1
Pasture	4.8	4.3	3.3	(32.3)
Woodland	3.1	2.4	2.6	(16.4)
Used for House Lots, Ponds, Roads, Wasteland, Etc.	9.9	7.0	8.6	(13.2)
Estimated Market Value of Land and Buildings:				
Average Per Farm	\$577,265	\$783,852	\$955,300	65.5
Inflation Adjusted (1992=100.0)	\$577,265	\$685,185	\$744,989	29.1
Average Per Acre	\$1,728	\$2,125	\$2,540	47.0
Inflation Adjusted (1992=100.0)	\$1,728	\$1,858	\$1,981	14.6
<b>Farm Production Characteristics</b>				
Market Value of Agricultural Products Sold (\$1,000)	\$143,760	\$156,992	\$144,106	0.2
Rank In State (1=Selling Most and 102=Selling Least)	9	11	10	11.1
Average Per Farm	\$126,885	\$151,099	\$143,962	13.5
Inflation Adjusted (1992=100.0)	\$126,885	\$132,080	\$112,269	(11.5)
Crops, Including Nursery and Greenhouse Crops (\$1,000)	\$76,156	\$101,160	\$96,125	26.2
Livestock, Poultry, and Their Products (\$1,000)	\$67,605	\$55,832	\$47,981	(29.0)
Number of Farms Selling Livestock:				
Cattle and Calves	418	366	269	(35.6)
Hogs and Pigs	286	158	75	(73.8)
Number of Livestock Sold:				
Cattle and Calves	54,706	41,719	41,346	(24.4)
Hogs and Pigs	128,253	167,291	132,257	3.1
Number of Farms with Harvested Crops:				
Corn for Grain or Seed	891	781	657	(26.3)
Corn for Silage or Green Chop	132	106	55	(58.3)
Wheat for Grain	32	74	44	37.5
Soybeans for Beans	690	676	593	(14.1)
Acres Harvested:				
Corn for Grain or Seed	224,053	204,913	186,491	(16.8)
Corn for Silage or Green Chop	5,091	3,825	1,896	(62.8)
Wheat for Grain	1,250	2,185	1,542	23.4
Soybeans for Beans	81,229	110,118	123,369	51.9
Quantity of Harvested Crops:				
Corn for Grain or Seed (bushels)	31,388,948	27,780,214	29,135,017	(7.2)
Corn for Silage or Green Chop (tons, greens)	84,407	62,553	33,456	(60.4)
Wheat for Grain (bushels)	66,413	104,936	109,638	65.1
Soybeans for Beans (bushels)	3,524,628	5,254,722	5,877,596	66.8
Consumer Price Index (1992=100)	100.0	114.4	128.2	28.2

Whiteside County Census of Population and Housing	Year		Change 1990-2000	Pct. Chg. 1990-2000
	1990	2000		
<b>Population</b>	60,186	60,653	467	0.8
<b>Civilian Labor Force (Population 16 Years and Over)</b>				
Employed	27,655	28,343	688	2.5
Unemployed	1,728	1,461	-267	-15.5
Rate	5.9	4.9	-1.0	-16.6
<b>Industry Employment</b>				
Agriculture, Forestry, Fishing, Hunting, and Mining	1,455	800	-655	-45.0
Manufacturing	8,888	8,358	-530	-6.0
Wholesale and Retail Trade	5,454	4,013	-1,441	-26.4
Finance, Insurance, Real Estate (F/I/RE)	993	1,232	239	24.1
Services	7,113	9,563	2,450	34.4
Public Administration	840	921	81	9.6
Other*	2,912	3,456	544	18.7

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

Whiteside County Illinois Department of Revenue	Year		Change 1998-2001	Pct. Chg. 1998-2001
	1998	2001		
<b>Equalized Assessed Value (EAV)</b>				
Total	\$558,037,138	\$640,290,000	82,252,862	14.7
Residential	359,380,375	415,482,000	56,101,625	15.6
Farm	105,299,908	105,817,000	517,092	0.5
Commercial	66,565,981	90,649,000	24,083,019	36.2
Industrial	22,839,195	23,656,000	816,805	3.6
Railroad	3,944,983	4,677,000	732,017	18.6
Mineral	6,696	7,000	304	4.5

State of Illinois Illinois Agricultural Statistics	Year			
	2000	2001	2002	2003
Cost to Grow Corn				
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
Cost to Grow Soybeans				
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
Livestock Returns above Cost of Feed and Purchased Animals				
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					
	Whiteside	Carroll	Ogle	Lee	Bureau	Henry
<b>Farm Characteristics</b>						
Land in Farms (acres), 2002	379,366	247,536	372,285	389,037	491,180	481,311
Change from 1997 to 2002	-1.4%	1.7%	-1.9%	-1.0%	1.5%	5.4%
Average Size of Farms (acres), 2002	379	377	330	462	450	375
Change from 1997 to 2002	2.4%	-3.1%	-4.3%	6.2%	7.4%	10.3%
Farming as Principal Occupation, 2002	712	432	732	625	817	961
Change from 1997 to 2002	-6.6%	-6.9%	-3.7%	-10.1%	-3.4%	-2.6%
<b>Farm Production Characteristics</b>						
Market Value of Agricultural Products Sold, 2002 (\$1,000)	144,106	110,970	131,454	129,461	203,923	180,487
Change from 1997 to 2002	-8.2%	-9.8%	-11.7%	-5.0%	2.5%	0.8%
Percentage of Value From:						
Crop Sales, 2002	66.7%	56.2%	65.0%	83.5%	84.9%	63.6%
Livestock Sales, 2002	33.3%	43.8%	35.0%	16.5%	15.1%	36.4%
Average Market Value of Products Sold Per Farm	\$143,962	\$169,162	\$116,434	\$153,754	\$186,914	\$140,566
Change from 1997 to 2002	-4.7%	-14.1%	-14.1%	2.0%	8.5%	5.5%
<b>Illinois Agricultural Statistics 2003</b>						
Yield						
Corn	176	173	158	152	175	170
Soybeans	35	35	27	30	37	33
Cattle and Hog Sold						
Cattle and Calves Sold	41,346	41,695	41,133	15,066	18,158	45,285
Hogs Sold	132,257	91,485	191,586	96,148	188,200	361,521

Characteristic	Regional County Comparisons				State of Illinois	Nine County Regional Averages
	Rock Island	Jo Daviess	Stephenson	Mercer		
<b>Farm Characteristics</b>						
Land in Farms (acres), 2002	169,612	264,493	324,118	292,719	27,204,780	341,166
Change from 1997 to 2002	-0.3%	-4.1%	5.0%	-5.4%	-0.4%	0.2%
Average Size of Farms (acres), 2002	257	267	302	392	372	359
Change from 1997 to 2002	-6.5%	-8.9%	6.0%	-4.6%	0.5%	0.8%
Farming as Principal Occupation, 2002	427	607	755	498	41,645	657
Change from 1997 to 2002	14.2%	-8.6%	-15.1%	-9.6%	-13.0%	-6.1%
<b>Farm Production Characteristics</b>						
Market Value of Agricultural Products Sold, 2002 (\$1,000)	45,588	70,163	124,940	90,134	8,556,486	123,123
Change from 1997 to 2002	-8.4%	-3.3%	-12.0%	-2.2%	-10.3%	-5.3%
Percentage of Value From:						
Crop Sales, 2002	76.7%	42.5%	47.8%	75.5%	76.5%	67.6%
Livestock Sales, 2002	23.3%	57.5%	52.2%	24.5%	23.5%	32.4%
Average Market Value of Products Sold Per Farm	\$69,178	\$70,943	\$116,224	\$120,823	\$117,130	\$128,796
Change from 1997 to 2002	-14.1%	-8.0%	-11.5%	-1.1%	-10.3%	-4.7%
<b>Illinois Agricultural Statistics 2003</b>						
Yield						
Corn	173	155	159	176	129	167
Soybeans	36	26	26	35	43	32
Cattle and Hog Sold						
Cattle and Calves Sold	5,897	32,624	26,600	9,583	659,000	27,739
Hogs Sold	98,552	38,418	182,602	191,803	8,339,000	157,257

## 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.

### Whiteside County

- 29.1 million bushels of corn were produced on 186,491 acres resulting in an average yield of 155 bu/acre. Total cash receipts were \$59.2 million.
- 5.9 million bushels of soybeans were produced on 123,369 acres resulting in an average yield of 50.0 bu/acre. Total cash receipts were \$28.0 million.
- 61,900 was the number of hogs and pigs with cash receipts for hogs and pigs totaling \$11.1 million.
- 2,500 was the number of beef cows with cash receipts totaling \$19.2 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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