



Strategic Agricultural Visioning and Economic Development Stephenson 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	
Farm Characteristics				
Number of Farms	1,179	1,081	1,075	(8.8)
Land in Farms (acres)	314,886	308,574	324,118	2.9
Average Size of Farm (acres)	267	285	302	13.1
Percent of Land:				
Harvested Cropland	80.3	82.0	83.3	3.8
Pasture	9.3	9.7	6.5	(30.3)
Woodland	3.3	3.4	2.9	(10.2)
Used for House Lots, Ponds, Roads, Wasteland, Etc.	7.2	4.9	7.3	1.7
Estimated Market Value of Land and Buildings:				
Average Per Farm	\$353,830	\$547,290	\$734,711	107.6
Inflation Adjusted (1992=100.0)	\$353,830	\$478,400	\$572,963	61.9
Average Per Acre	\$1,436	\$1,978	\$2,388	66.3
Inflation Adjusted (1992=100.0)	\$1,436	\$1,729	\$1,862	29.7
Farm Production Characteristics				
Market Value of Agricultural Products Sold (\$1,000)	\$129,830	\$142,015	\$124,940	(3.8)
Rank In State (1=Selling Most and 102=Selling Least)	12	13	17	41.7
Average Per Farm	\$110,119	\$131,374	\$116,224	5.5
Inflation Adjusted (1992=100.0)	\$110,119	\$114,837	\$90,637	(17.7)
Crops, Including Nursery and Greenhouse Crops (\$1,000)	\$36,040	\$59,050	\$59,725	65.7
Livestock, Poultry, and Their Products (\$1,000)	\$93,789	\$82,966	\$65,215	(30.5)
Number of Farms Selling Livestock:				
Cattle and Calves	731	617	468	(36.0)
Hogs and Pigs	262	149	82	(68.7)
Number of Livestock Sold:				
Cattle and Calves	38,280	28,398	26,600	(30.5)
Hogs and Pigs	120,732	177,748	182,602	51.2
Number of Farms with Harvested Crops:				
Corn for Grain or Seed	919	748	641	(30.3)
Corn for Silage or Green Chop	396	275	196	(50.5)
Wheat for Grain	12	65	64	433.3
Soybeans for Beans	417	471	528	26.6
Acres Harvested:				
Corn for Grain or Seed	151,696	144,876	143,032	(5.7)
Corn for Silage or Green Chop	10,260	7,687	6,869	(33.1)
Wheat for Grain	336	1,397	2,113	528.9
Soybeans for Beans	32,320	58,879	88,687	174.4
Quantity of Harvested Crops:				
Corn for Grain or Seed (bushels)	18,121,255	19,209,692	19,851,534	9.5
Corn for Silage or Green Chop (tons, greens)	150,667	126,443	102,861	(31.7)
Wheat for Grain (bushels)	16,824	70,761	142,721	748.3
Soybeans for Beans (bushels)	1,360,300	2,873,181	3,941,951	189.8
Consumer Price Index (1992=100)	100.0	114.4	128.2	28.2

Stephenson County Census of Population and Housing	Year		Change 1990-2000	Pct. Chg. 1990-2000
	1990	2000		
Population	48,052	48,979	927	1.9
Civilian Labor Force (Population 16 Years and Over)				
Employed	23,202	23,536	334	1.4
Unemployed	1,376	1,567	191	13.9
Rate	5.6	6.2	0.6	11.5
Industry Employment				
Agriculture, Forestry, Fishing, Hunting, and Mining	1,961	1,166	-795	-40.5
Manufacturing	7,155	6,324	-831	-11.6
Wholesale and Retail Trade	3,555	2,972	-583	-16.4
Finance, Insurance, Real Estate (F/I/RE)	1,981	1,995	14	0.7
Services	5,846	7,824	1,978	33.8
Public Administration	473	612	139	29.4
Other*	2,231	2,643	412	18.5

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

Stephenson County Illinois Department of Revenue	Year		Change 1998-2001	Pct. Chg. 1998-2001
	1998	2001		
Equalized Assessed Value (EAV)				
Total	\$485,586,776	\$551,753,000	66,166,224	13.6
Residential	294,214,753	331,959,000	37,744,247	12.8
Farm	103,778,492	111,016,000	7,237,508	7.0
Commercial	69,651,751	91,337,000	21,685,249	31.1
Industrial	16,501,550	16,270,000	-231,550	-1.4
Railroad	1,440,230	1,170,000	-270,230	-18.8
Mineral	0	0	0	NA

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	
Commodities (\$Million)				
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%
TOTAL	3,118.8	3,202.5	3,654.4	

Area Profile Comparison

Characteristic	Regional County Comparisons					
	Stephenson	Winnebago	Ogle	Carroll	Jo Daviess	Whiteside
Farm Characteristics						
Land in Farms (acres), 2002	324,118	191,455	372,285	247,536	264,493	379,366
Change from 1997 to 2002	5.0%	-2.1%	-1.9%	1.7%	-4.1%	-1.4%
Average Size of Farms (acres), 2002	302	275	330	377	267	379
Change from 1997 to 2002	6.0%	-3.5%	-4.3%	-3.1%	-8.9%	2.4%
Farming as Principal Occupation, 2002	755	442	732	432	607	712
Change from 1997 to 2002	-15.1%	4.0%	-3.7%	-6.9%	-8.6%	-6.6%
Farm Production Characteristics						
Market Value of Agricultural Products Sold, 2002 (\$1,000)	124,940	62,180	131,454	110,970	70,163	144,106
Change from 1997 to 2002	-12.0%	-9.8%	-11.7%	-9.8%	-3.3%	-8.2%
Percentage of Value From:						
Crop Sales, 2002	47.8%	73.0%	65.0%	56.2%	42.5%	66.7%
Livestock Sales, 2002	52.2%	27.0%	35.0%	43.8%	57.5%	33.3%
Average Market Value of Products Sold Per Farm	\$116,224	\$89,467	\$116,434	\$169,162	\$70,943	\$143,962
Change from 1997 to 2002	-11.5%	-10.8%	-14.1%	-14.1%	-8.0%	-4.7%
Illinois Agricultural Statistics 2003						
Yield						
Corn	159	144	158	173	155	176
Soybeans	26	25	27	35	26	35
Cattle and Hog Sold						
Cattle and Calves Sold	26,600	11,984	41,133	41,695	32,624	41,346
Hogs Sold	182,602	35,799	191,586	91,485	38,418	132,257

Characteristic	Regional County Comparisons				State of Illinois	Nine County Regional Averages
	Lee	De Kalb	Boone	Henry		
Farm Characteristics						
Land in Farms (acres), 2002	389,037	359,352	146,940	481,311	27,204,780	315,589
Change from 1997 to 2002	-1.0%	-2.4%	3.9%	5.4%	-0.4%	0.3%
Average Size of Farms (acres), 2002	462	440	309	375	372	352
Change from 1997 to 2002	6.2%	-1.1%	6.9%	10.3%	0.5%	1.2%
Farming as Principal Occupation, 2002	625	629	310	961	41,645	621
Change from 1997 to 2002	-10.1%	-5.7%	-5.5%	-2.6%	-13.0%	-6.6%
Farm Production Characteristics						
Market Value of Agricultural Products Sold, 2002 (\$1,000)	129,461	174,540	47,840	180,487	8,556,486	117,614
Change from 1997 to 2002	-5.0%	-4.8%	-10.9%	0.8%	-10.3%	-7.0%
Percentage of Value From:						
Crop Sales, 2002	83.5%	53.3%	78.5%	63.6%	76.5%	62.3%
Livestock Sales, 2002	16.5%	46.7%	21.5%	36.4%	23.5%	37.7%
Average Market Value of Products Sold Per Farm	\$153,754	\$213,897	\$100,505	\$140,566	\$117,130	\$131,491
Change from 1997 to 2002	2.0%	-3.4%	-8.3%	5.5%	-10.3%	-6.6%
Illinois Agricultural Statistics 2003						
Yield						
Corn	152	170	152	170	129	161
Soybeans	30	35	27	33	43	30
Cattle and Hog Sold						
Cattle and Calves Sold	15,066	45,843	3,227	45,285	659,000	30,480
Hogs Sold	96,148	588,222	56,957	361,521	8,339,000	177,500

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.

Stephenson County

- 19.9 million bushels of corn were produced on 143,032 acres resulting in an average yield of 146 bu/acre. Total cash receipts were \$36.0 million.
- 3.9 million bushels of soybeans were produced on 88,687 acres resulting in an average yield of 45.0 bu/acre. Total cash receipts were \$15.3 million.
- 85,700 was the number of hogs and pigs with cash receipts for hogs and pigs totaling \$14.6 million.
- 4,400 was the number of beef cows with cash receipts totaling \$16.5 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/ 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, 518 Stipes Hall, Macomb, IL 61455.
Website: www.value-added.org