



Strategic Agricultural Visioning and Economic Development Shelby 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	1,305	1,250	1,228	(5.9)
Land in Farms (acres)	402,212	418,688	419,814	4.4
Average Size of Farm (acres)	308	335	342	11.0
Percent of Land:				
Harvested Cropland	82.5	84.1	84.7	2.7
Pasture	6.0	5.5	4.9	(18.8)
Woodland	5.3	5.5	5.5	3.6
Used for House Lots, Ponds, Roads, Wasteland, Etc.	6.2	4.9	4.9	(20.7)
Estimated Market Value of Land and Buildings:				
Average Per Farm	\$442,085	\$651,007	\$788,230	78.3
Inflation Adjusted (1992=100.0)	\$442,085	\$569,062	\$614,700	39.0
Average Per Acre	\$1,457	\$2,061	\$2,341	60.7
Inflation Adjusted (1992=100.0)	\$1,457	\$1,802	\$1,826	25.3
Farm Production Characteristics				
Market Value of Agricultural Products Sold (\$1,000)	\$102,597	\$112,466	\$94,959	(7.4)
Rank In State (1=Selling Most and 102=Selling Least)	23	27	30	30.4
Average Per Farm	\$78,618	\$89,973	\$77,328	(1.6)
Inflation Adjusted (1992=100.0)	\$78,618	\$78,648	\$60,304	(23.3)
Crops, Including Nursery and Greenhouse Crops (\$1,000)	\$78,956	\$87,783	\$73,233	(7.2)
Livestock, Poultry, and Their Products (\$1,000)	\$23,641	\$24,683	\$21,726	(8.1)
Number of Farms Selling Livestock:				
Cattle and Calves	497	376	314	(36.8)
Hogs and Pigs	233	126	77	(67.0)
Number of Livestock Sold:				
Cattle and Calves	11,745	10,565	11,390	(3.0)
Hogs and Pigs	71,518	130,727	111,580	56.0
Number of Farms with Harvested Crops:				
Corn for Grain or Seed	1,000	888	738	(26.2)
Corn for Silage or Green Chop	94	63	74	(21.3)
Wheat for Grain	543	463	246	(54.7)
Soybeans for Beans	945	886	782	(17.2)
Acres Harvested:				
Corn for Grain or Seed	157,026	165,768	166,704	6.2
Corn for Silage or Green Chop	2,929	2,116	2,643	(9.8)
Wheat for Grain	22,290	22,449	13,080	(41.3)
Soybeans for Beans	144,061	156,713	168,378	16.9
Quantity of Harvested Crops:				
Corn for Grain or Seed (bushels)	24,204,809	20,254,029	18,647,711	(23.0)
Corn for Silage or Green Chop (tons, greens)	54,733	36,103	38,877	(29.0)
Wheat for Grain (bushels)	1,223,357	1,291,279	615,125	(49.7)
Soybeans for Beans (bushels)	6,093,881	6,019,204	6,302,470	3.4
Consumer Price Index (1992=100)	100.0	114.4	128.2	28.2

Shelby County Census of Population and Housing	Year		Change 1990-2000	Pct. Chg. 1990-2000
	1990	2000		
Population	22,261	22,893	632	2.8
Civilian Labor Force (Population 16 Years and Over)				
Employed	9,737	10,698	961	9.9
Unemployed	508	404	-104	-20.5
Rate	5.0	3.6	-1.3	-26.6
Industry Employment				
Agriculture, Forestry, Fishing, Hunting, and Mining	1,131	641	-490	-43.3
Manufacturing	2,386	2,674	288	12.1
Wholesale and Retail Trade	1,747	1,450	-297	-17.0
Finance, Insurance, Real Estate (F/I/RE)	348	473	125	35.9
Services	2,504	3,495	991	39.6
Public Administration	245	305	60	24.5
Other*	1,376	1,660	284	20.6

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

Shelby County Illinois Department of Revenue	Year		Change 1998-2001	Pct. Chg. 1998-2001
	1998	2001		
Equalized Assessed Value (EAV)				
Total	\$211,582,597	\$253,327,000	41,744,403	19.7
Residential	81,915,779	99,226,000	17,310,221	21.1
Farm	98,938,826	103,647,000	4,708,174	4.8
Commercial	20,357,088	23,162,000	2,804,912	13.8
Industrial	7,251,017	24,108,000	16,856,983	232.5
Railroad	2,476,132	2,641,000	164,868	6.7
Mineral	643,755	544,000	-99,755	-15.5

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	
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					
	Shelby	Fayette	Montgomery	Christian	Macon	Moultrie
Farm Characteristics						
Land in Farms (acres), 2002	419,814	365,680	362,300	410,549	320,646	186,478
Change from 1997 to 2002	0.3%	9.7%	0.4%	5.3%	-0.7%	8.0%
Average Size of Farms (acres), 2002	342	293	362	516	496	423
Change from 1997 to 2002	2.1%	-1.7%	-1.6%	8.4%	2.1%	13.7%
Farming as Principal Occupation, 2002	806	755	614	521	474	310
Change from 1997 to 2002	2.7%	25.4%	-10.2%	-14.3%	-2.1%	-0.6%
Farm Production Characteristics						
Market Value of Agricultural Products Sold, 2002 (\$1,000)	94,959	66,491	92,848	110,613	90,857	48,858
Change from 1997 to 2002	-15.6%	-7.6%	-14.9%	-10.1%	-14.1%	-12.7%
Percentage of Value From:						
Crop Sales, 2002	77.1%	84.2%	82.3%	93.3%	93.5%	89.0%
Livestock Sales, 2002	22.9%	15.8%	17.7%	6.7%	6.5%	11.0%
Average Market Value of Products Sold Per Farm	\$77,328	\$53,278	\$92,756	\$138,962	\$140,646	\$110,789
Change from 1997 to 2002	-14.1%	-17.2%	-16.7%	-7.4%	-11.5%	-8.1%
Illinois Agricultural Statistics 2003						
Yield						
Corn	160	136	169	192	188	169
Soybeans	41	32	39	45	43	45
Cattle and Hog Sold						
Cattle and Calves Sold	11,390	9,335	6,634	3,233	5,024	1,690
Hogs Sold	111,580	23,469	156,883	63,195	13,781	16,581

Characteristic	Regional County Comparisons				State of Illinois	Nine County Regional Averages
	Coles	Cumberland	Effingham	Douglas		
Farm Characteristics						
Land in Farms (acres), 2002	261,138	173,363	278,199	232,690	27,204,780	301,086
Change from 1997 to 2002	1.6%	2.1%	8.3%	-6.8%	-0.4%	2.7%
Average Size of Farms (acres), 2002	382	297	245	404	372	376
Change from 1997 to 2002	1.3%	-4.2%	-1.2%	2.0%	0.5%	2.6%
Farming as Principal Occupation, 2002	451	357	653	415	41,645	536
Change from 1997 to 2002	3.7%	3.8%	9.0%	-13.4%	-13.0%	0.5%
Farm Production Characteristics						
Market Value of Agricultural Products Sold, 2002 (\$1,000)	60,989	50,778	72,294	62,612	8,556,486	75,130
Change from 1997 to 2002	-16.3%	-5.7%	-8.5%	-22.1%	-10.3%	-13.1%
Percentage of Value From:						
Crop Sales, 2002	92.4%	61.8%	52.6%	90.7%	76.5%	82.5%
Livestock Sales, 2002	7.6%	38.2%	47.4%	9.3%	23.5%	17.5%
Average Market Value of Products Sold Per Farm	\$89,166	\$87,097	\$63,752	\$108,701	\$117,130	\$96,248
Change from 1997 to 2002	-16.7%	-11.6%	-16.5%	-14.8%	-10.3%	-12.9%
Illinois Agricultural Statistics 2003						
Yield						
Corn	170	159	151	177	129	167
Soybeans	46	42	39	42	43	41
Cattle and Hog Sold						
Cattle and Calves Sold	4,933	6,600	10,447	1,459	659,000	6,075
Hogs Sold	6,282	208,834	213,772	39,148	8,339,000	85,353

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.

Shelby County

- 18.6 million bushels of corn were produced on 166,704 acres resulting in an average yield of 114 bu/acre. Total cash receipts were \$43.5 million.
- 6.3 million bushels of soybeans were produced on 168,378 acres resulting in an average yield of 38.0 bu/acre. Total cash receipts were \$31.6 million.
- 54,100 was the number of hogs and pigs with cash receipts for hogs and pigs totaling \$8.9 million.
- 5,200 was the number of beef cows with cash receipts totaling \$5.6 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/ 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/>.

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