



Strategic Agricultural Visioning and Economic Development Douglas 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	682	630	576	(15.5)
Land in Farms (acres)	259,498	249,551	232,690	(10.3)
Average Size of Farm (acres)	380	396	404	6.3
Percent of Land:				
Harvested Cropland	92.4	93.5	93.4	1.0
Pasture	1.7	1.9	1.3	(25.9)
Woodland	1.2	1.4	1.2	4.1
Used for House Lots, Ponds, Roads, Wasteland, Etc.	4.6	3.1	4.1	(11.6)
Estimated Market Value of Land and Buildings:				
Average Per Farm	\$724,414	\$1,101,084	\$1,105,880	52.7
Inflation Adjusted (1992=100.0)	\$724,414	\$962,486	\$862,419	19.1
Average Per Acre	\$2,028	\$2,831	\$2,970	46.4
Inflation Adjusted (1992=100.0)	\$2,028	\$2,475	\$2,316	14.2
Farm Production Characteristics				
Market Value of Agricultural Products Sold (\$1,000)	\$79,241	\$80,387	\$62,612	(21.0)
Rank In State (1=Selling Most and 102=Selling Least)	40	46	52	30.0
Average Per Farm	\$116,189	\$127,598	\$108,701	(6.4)
Inflation Adjusted (1992=100.0)	\$116,189	\$111,537	\$84,770	(27.0)
Crops, Including Nursery and Greenhouse Crops (\$1,000)	\$67,748	\$71,699	\$56,815	(16.1)
Livestock, Poultry, and Their Products (\$1,000)	\$11,493	\$8,688	\$5,796	(49.6)
Number of Farms Selling Livestock:				
Cattle and Calves	158	114	87	(44.9)
Hogs and Pigs	98	59	37	(62.2)
Number of Livestock Sold:				
Cattle and Calves	3,042	2,855	1,459	(52.0)
Hogs and Pigs	36,845	34,183	39,148	6.3
Number of Farms with Harvested Crops:				
Corn for Grain or Seed	549	495	386	(29.7)
Corn for Silage or Green Chop	56	49	38	(32.1)
Wheat for Grain	24	22	19	(20.8)
Soybeans for Beans	513	442	396	(22.8)
Acres Harvested:				
Corn for Grain or Seed	125,752	116,650	108,357	(13.8)
Corn for Silage or Green Chop	870	979	736	(15.4)
Wheat for Grain	658	472	487	(26.0)
Soybeans for Beans	110,615	112,339	104,025	(6.0)
Quantity of Harvested Crops:				
Corn for Grain or Seed (bushels)	20,883,386	15,439,585	14,218,934	(31.9)
Corn for Silage or Green Chop (tons, greens)	14,865	18,318	11,688	(21.4)
Wheat for Grain (bushels)	36,383	31,934	35,775	(1.7)
Soybeans for Beans (bushels)	5,171,279	4,918,182	4,766,653	(7.8)
Consumer Price Index (1992=100)	100.0	114.4	128.2	28.2

Douglas County Census of Population and Housing	Year		Change 1990-2000	Pct. Chg. 1990-2000
	1990	2000		
Population	19,464	19,922	458	2.4
Civilian Labor Force (Population 16 Years and Over)				
Employed	9,069	9,571	502	5.5
Unemployed	417	274	-143	-34.3
Rate	4.4	2.8	-1.6	-36.7
Industry Employment				
Agriculture, Forestry, Fishing, Hunting, and Mining	760	514	-246	-32.4
Manufacturing	2,152	2,173	21	1.0
Wholesale and Retail Trade	1,852	1,665	-187	-10.1
Finance, Insurance, Real Estate (F/I/RE)	414	475	61	14.7
Services	2,327	3,124	797	34.3
Public Administration	252	230	-22	-8.7
Other*	1,312	1,390	78	5.9

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

Douglas County Illinois Department of Revenue	Year		Change 1998-2001	Pct. Chg. 1998-2001
	1998	2001		
Equalized Assessed Value (EAV)				
Total	\$231,251,401	\$290,094,000	58,842,599	25.4
Residential	93,272,492	115,419,000	22,146,508	23.7
Farm	101,662,778	107,137,000	5,474,222	5.4
Commercial	23,848,255	54,880,000	31,031,745	130.1
Industrial	8,932,770	9,136,000	203,230	2.3
Railroad	3,529,856	3,516,000	-13,856	-0.4
Mineral	5,250	6,000	750	14.3

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					
	Douglas	Coles	Moultrie	Piatt	Champaign	Vermilion
Farm Characteristics						
Land in Farms (acres), 2002	232,690	261,138	186,478	257,869	577,066	449,964
Change from 1997 to 2002	-6.8%	1.6%	8.0%	1.8%	1.7%	-7.2%
Average Size of Farms (acres), 2002	404	382	423	583	449	495
Change from 1997 to 2002	2.0%	1.3%	13.7%	3.2%	8.5%	0.4%
Farming as Principal Occupation, 2002	415	451	310	344	931	633
Change from 1997 to 2002	-13.4%	3.7%	-0.6%	-7.0%	-3.0%	-14.3%
Farm Production Characteristics						
Market Value of Agricultural Products Sold, 2002 (\$1,000)	62,612	60,989	48,858	71,605	168,243	124,716
Change from 1997 to 2002	-22.1%	-16.3%	-12.7%	-14.2%	-11.5%	-11.0%
Percentage of Value From:						
Crop Sales, 2002	90.7%	92.4%	89.0%	96.1%	95.0%	93.6%
Livestock Sales, 2002	9.3%	7.6%	11.0%	3.9%	5.0%	6.4%
Average Market Value of Products Sold Per Farm	\$108,701	\$89,166	\$110,789	\$162,002	\$130,928	\$137,202
Change from 1997 to 2002	-14.8%	-16.7%	-8.1%	-13.0%	-5.5%	-3.7%
Illinois Agricultural Statistics 2003						
Yield						
Corn	177	170	169	185	185	165
Soybeans	42	46	45	41	38	37
Cattle and Hog Sold						
Cattle and Calves Sold	1,459	4,933	1,690	1,713	5,704	5,142
Hogs Sold	39,148	6,282	16,581	14,172	46,817	54,151

Characteristic	Regional County Comparisons				State of Illinois	Nine County Regional Averages
	Edgar	Clark	Shelby	Crawford		
Farm Characteristics						
Land in Farms (acres), 2002	355,035	275,318	419,814	213,661	27,204,780	322,903
Change from 1997 to 2002	0.7%	2.4%	0.3%	2.3%	-0.4%	-0.1%
Average Size of Farms (acres), 2002	532	474	342	377	372	446
Change from 1997 to 2002	15.7%	6.3%	2.1%	-14.7%	0.5%	3.7%
Farming as Principal Occupation, 2002	470	354	806	316	41,645	503
Change from 1997 to 2002	-17.4%	-8.5%	2.7%	-0.9%	-13.0%	-6.1%
Farm Production Characteristics						
Market Value of Agricultural Products Sold, 2002 (\$1,000)	139,648	59,622	94,959	45,637	8,556,486	87,689
Change from 1997 to 2002	-15.6%	-5.7%	-15.6%	-12.2%	-10.3%	-13.7%
Percentage of Value From:						
Crop Sales, 2002	0.0%	84.8%	77.1%	82.3%	76.5%	75.7%
Livestock Sales, 2002	0.0%	15.2%	22.9%	17.7%	23.5%	8.4%
Average Market Value of Products Sold Per Farm	\$209,367	\$102,620	\$77,328	\$80,489	\$117,130	\$120,859
Change from 1997 to 2002	-3.0%	-2.1%	-14.1%	-26.8%	-10.3%	-10.0%
Illinois Agricultural Statistics 2003						
Yield						
Corn	168	155	160	144	129	168
Soybeans	42	41	41	39	43	41
Cattle and Hog Sold						
Cattle and Calves Sold	5,548	1,751	11,390	1,382	659,000	4,071
Hogs Sold	-	96,199	111,580	35,047	8,339,000	41,998

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.

Douglas County

- 14.2 million bushels of corn were produced on 108,357 acres resulting in an average yield of 135 bu/acre. Total cash receipts were \$37.0 million.
- 4.8 million bushels of soybeans were produced on 104,025 acres resulting in an average yield of 49.0 bu/acre. Total cash receipts were \$26.9 million.
- 8,500 was the number of hogs and pigs with cash receipts for hogs and pigs totaling \$1.5 million.
- 0 was the number of beef cows with cash receipts totaling \$0.8 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
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