



Strategic Agricultural Visioning and Economic Development Logan 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	834	739	692	(17.0)
Land in Farms (acres)	369,952	380,921	358,767	(3.0)
Average Size of Farm (acres)	444	515	518	16.7
Percent of Land:				
Harvested Cropland	90.2	91.9	92.4	2.5
Pasture	2.6	2.9	1.7	(37.1)
Woodland	1.4	1.2	1.3	(8.6)
Used for House Lots, Ponds, Roads, Wasteland, Etc.	5.7	4.0	4.6	(19.6)
Estimated Market Value of Land and Buildings:				
Average Per Farm	\$890,503	\$1,371,841	\$1,395,884	56.8
Inflation Adjusted (1992=100.0)	\$890,503	\$1,199,162	\$1,088,578	22.2
Average Per Acre	\$1,890	\$2,663	\$2,808	48.6
Inflation Adjusted (1992=100.0)	\$1,890	\$2,328	\$2,190	15.9
Farm Production Characteristics				
Market Value of Agricultural Products Sold (\$1,000)	\$109,765	\$133,249	\$110,225	0.4
Rank In State (1=Selling Most and 102=Selling Least)	18	16	25	38.9
Average Per Farm	\$131,613	\$180,310	\$159,285	21.0
Inflation Adjusted (1992=100.0)	\$131,613	\$157,614	\$124,218	(5.6)
Crops, Including Nursery and Greenhouse Crops (\$1,000)	\$91,063	\$112,001	\$94,317	3.6
Livestock, Poultry, and Their Products (\$1,000)	\$18,702	\$21,248	\$15,908	(14.9)
Number of Farms Selling Livestock:				
Cattle and Calves	211	169	125	(40.8)
Hogs and Pigs	117	76	62	(47.0)
Number of Livestock Sold:				
Cattle and Calves	6,024	3,364	3,801	(36.9)
Hogs and Pigs	81,765	191,068	154,480	88.9
Number of Farms with Harvested Crops:				
Corn for Grain or Seed	723	626	502	(30.6)
Corn for Silage or Green Chop	11	21	12	9.1
Wheat for Grain	41	65	39	(4.9)
Soybeans for Beans	712	617	509	(28.5)
Acres Harvested:				
Corn for Grain or Seed	175,295	180,080	171,505	(2.2)
Corn for Silage or Green Chop	386	507	329	(14.8)
Wheat for Grain	1,726	2,187	848	(50.9)
Soybeans for Beans	155,517	165,326	156,508	0.6
Quantity of Harvested Crops:				
Corn for Grain or Seed (bushels)	27,406,563	24,845,858	25,882,432	(5.6)
Corn for Silage or Green Chop (tons, greens)	4,998	6,676	7,011	40.3
Wheat for Grain (bushels)	62,548	146,354	56,183	(10.2)
Soybeans for Beans (bushels)	6,961,342	7,225,798	7,805,102	12.1
Consumer Price Index (1992=100)	100.0	114.4	128.2	28.2

Logan County Census of Population and Housing	Year		Change 1990-2000	Pct. Chg. 1990-2000
	1990	2000		
Population	30,798	31,183	385	1.3
Civilian Labor Force (Population 16 Years and Over)				
Employed	13,884	13,932	48	0.3
Unemployed	793	929	136	17.2
Rate	5.4	6.3	0.8	15.7
Industry Employment				
Agriculture, Forestry, Fishing, Hunting, and Mining	1,074	756	-318	-29.6
Manufacturing	2,153	2,063	-90	-4.2
Wholesale and Retail Trade	2,724	1,839	-885	-32.5
Finance, Insurance, Real Estate (F/I/RE)	869	824	-45	-5.2
Services	4,393	5,473	1,080	24.6
Public Administration	1,341	1,280	-61	-4.5
Other*	1,330	1,697	367	27.6

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

Logan County Illinois Department of Revenue	Year		Change 1998-2001	Pct. Chg. 1998-2001
	1998	2001		
Equalized Assessed Value (EAV)				
Total	\$343,253,083	\$381,954,000	38,700,917	11.3
Residential	154,870,845	175,377,000	20,506,155	13.2
Farm	139,678,345	143,728,000	4,049,655	2.9
Commercial	39,158,935	52,757,000	13,598,065	34.7
Industrial	4,679,169	5,045,000	365,831	7.8
Railroad	4,355,239	4,504,000	148,761	3.4
Mineral	510,550	544,000	33,450	6.6

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

Commodities (\$Million)	Year			2004 as % of total
	2002	2003	2004	
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					
	Logan	Sangamon	Menard	Mason	Tazewell	McLean
Farm Characteristics						
Land in Farms (acres), 2002	358,767	468,314	155,024	285,097	327,236	688,063
Change from 1997 to 2002	-5.8%	0.3%	-8.9%	-2.2%	-0.3%	-1.2%
Average Size of Farms (acres), 2002	518	483	471	644	356	477
Change from 1997 to 2002	0.6%	2.8%	-2.7%	7.3%	-1.4%	1.1%
Farming as Principal Occupation, 2002	507	610	193	308	582	991
Change from 1997 to 2002	-17.2%	-12.9%	-17.2%	-13.2%	-9.3%	-9.2%
Farm Production Characteristics						
Market Value of Agricultural Products Sold, 2002 (\$1,000)	110,225	145,909	41,778	72,472	106,697	207,171
Change from 1997 to 2002	-17.3%	-10.2%	-20.2%	-14.1%	-13.4%	-13.0%
Percentage of Value From:						
Crop Sales, 2002	85.6%	90.0%	82.7%	93.2%	83.8%	86.8%
Livestock Sales, 2002	14.4%	10.0%	17.3%	6.8%	16.2%	13.2%
Average Market Value of Products Sold Per Farm	\$159,285	\$150,422	\$126,986	\$163,594	\$116,227	\$143,669
Change from 1997 to 2002	-11.7%	-8.1%	-14.7%	-5.8%	-14.2%	-11.1%
Illinois Agricultural Statistics 2003						
Yield						
Corn	189	194	194	175	188	182
Soybeans	40	47	43	41	38	35
Cattle and Hog Sold						
Cattle and Calves Sold	3,801	5,678	3,334	3,523	4,492	7,664
Hogs Sold	154,480	104,643	50,188	30,845	147,779	244,149

Characteristic	Regional County Comparisons				State of Illinois	Nine County Regional Averages
	De Witt	Macon	Christian	Morgan		
Farm Characteristics						
Land in Farms (acres), 2002	202,699	320,646	410,549	292,740	27,204,780	350,914
Change from 1997 to 2002	-1.1%	-0.7%	5.3%	-4.2%	-0.4%	-1.4%
Average Size of Farms (acres), 2002	442	496	516	429	372	483
Change from 1997 to 2002	-0.2%	2.1%	8.4%	9.4%	0.5%	2.8%
Farming as Principal Occupation, 2002	315	474	521	461	41,645	496
Change from 1997 to 2002	-4.8%	-2.1%	-14.3%	-19.8%	-13.0%	-11.9%
Farm Production Characteristics						
Market Value of Agricultural Products Sold, 2002 (\$1,000)	56,265	90,857	110,613	84,007	8,556,486	102,599
Change from 1997 to 2002	-18.3%	-14.1%	-10.1%	-12.6%	-10.3%	-13.6%
Percentage of Value From:						
Crop Sales, 2002	88.9%	93.5%	93.3%	79.9%	76.5%	88.0%
Livestock Sales, 2002	11.1%	6.5%	6.7%	20.1%	23.5%	12.0%
Average Market Value of Products Sold Per Farm	\$122,581	\$140,646	\$138,962	\$123,178	\$117,130	\$138,555
Change from 1997 to 2002	-17.5%	-11.5%	-7.4%	-0.1%	-10.3%	-10.3%
Illinois Agricultural Statistics 2003						
Yield						
Corn	181	188	192	191	129	187
Soybeans	39	43	45	47	43	42
Cattle and Hog Sold						
Cattle and Calves Sold	1,855	5,024	3,233	10,398	659,000	4,900
Hogs Sold	148,576	13,781	63,195	99,163	8,339,000	105,680

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.

Logan County

- 25.9 million bushels of corn were produced on 171,505 acres resulting in an average yield of 154 bu/acre. Total cash receipts were \$60.3 million.
- 7.8 million bushels of soybeans were produced on 156,508 acres resulting in an average yield of 52.0 bu/acre. Total cash receipts were \$39.6 million.
- 83,200 was the number of hogs and pigs with cash receipts for hogs and pigs totaling \$12.9 million.
- 2,100 was the number of beef cows with cash receipts totaling \$2.6 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
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