



AG PROFILE

This publication provides a statistical profile of two industries, FARMING and FOOD. It is divided into three parts. We hope this information will be useful to you as you communicate with farmers and non-farmers alike.

The first part, "Farming in Illinois," focuses on production agriculture with emphasis on Illinois.

The second part emphasizes the important link between "Agriculture and the Environment" in the United States.

The third part, "Food in the United States," focuses on expenditures for and consumption of food nationwide.

Farm and Food Facts is also available on the Illinois Farm Bureau website at www.ilfb.org. Information on our website is updated as it becomes available.



Information Research Center
Illinois Farm Bureau®

Allison Carr
(309) 557-3186
acarr@ilfb.org

Catherine Lawry
(309) 557-2128
clawry@ilfb.org

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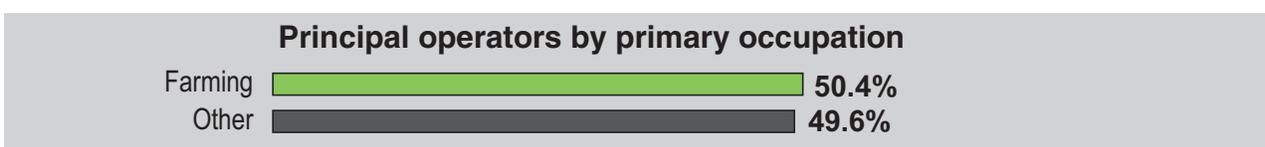
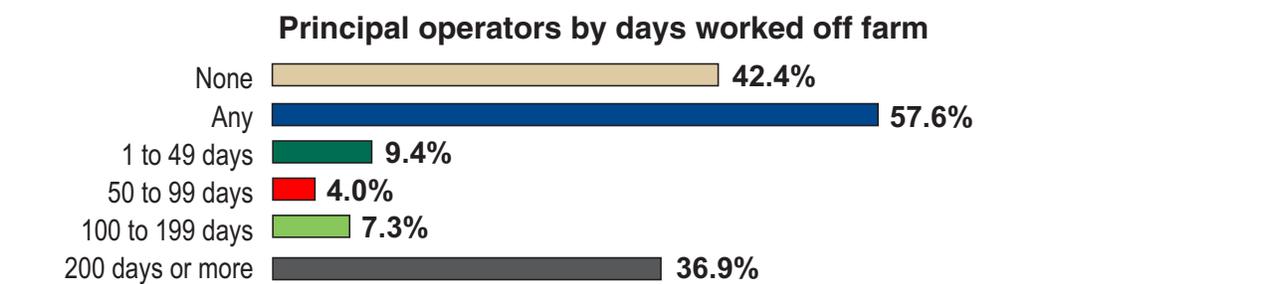
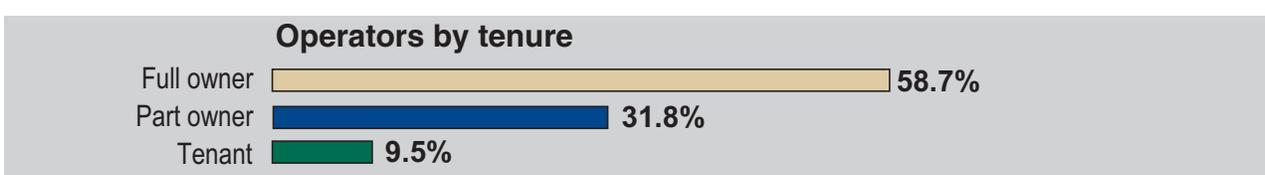
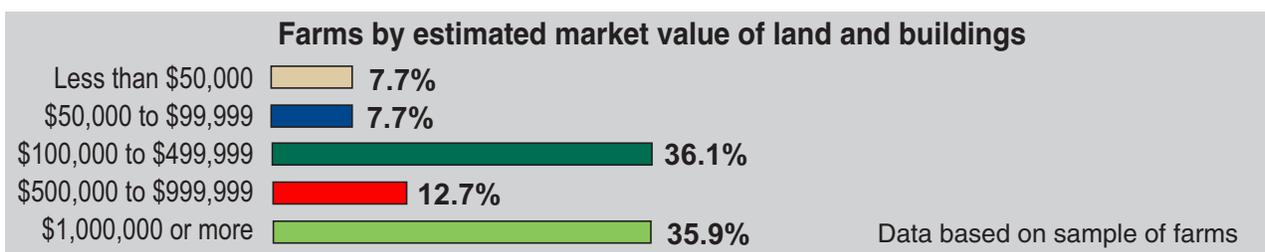
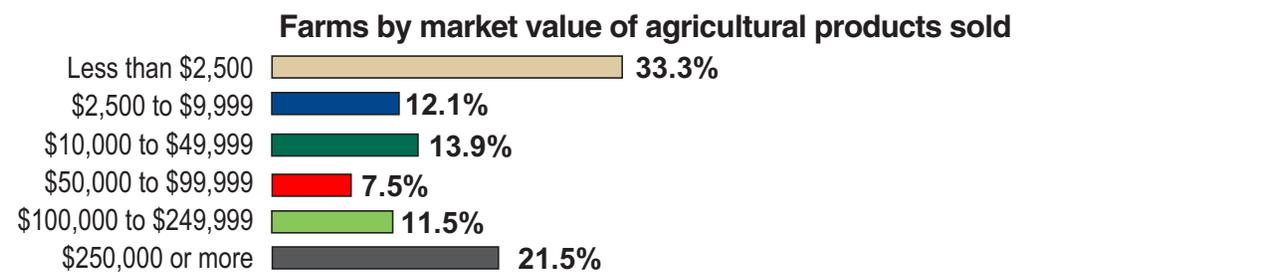
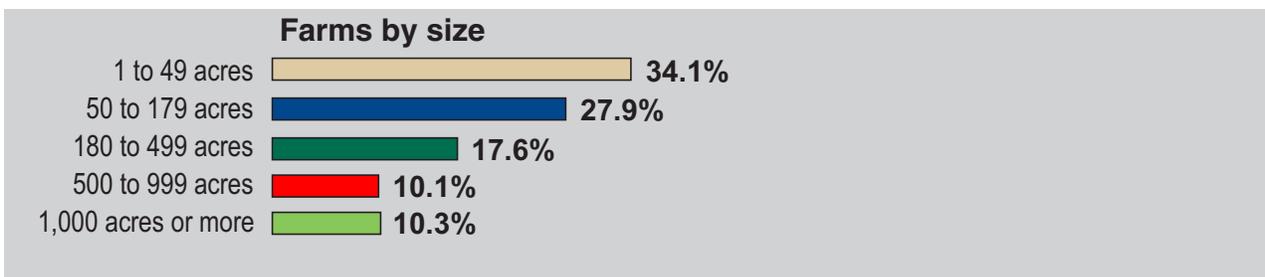
Farming *in* Illinois



Illinois State Map with Counties



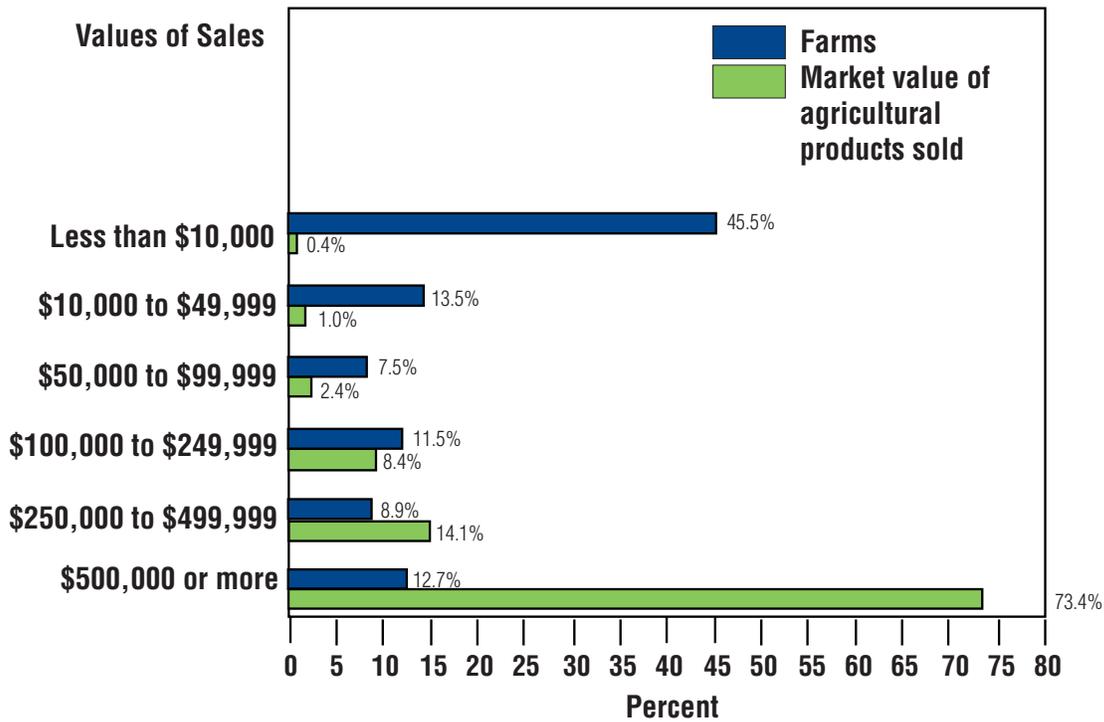
Profile of State's Agriculture



Percent of farms

Source: 2012 Census of Agriculture

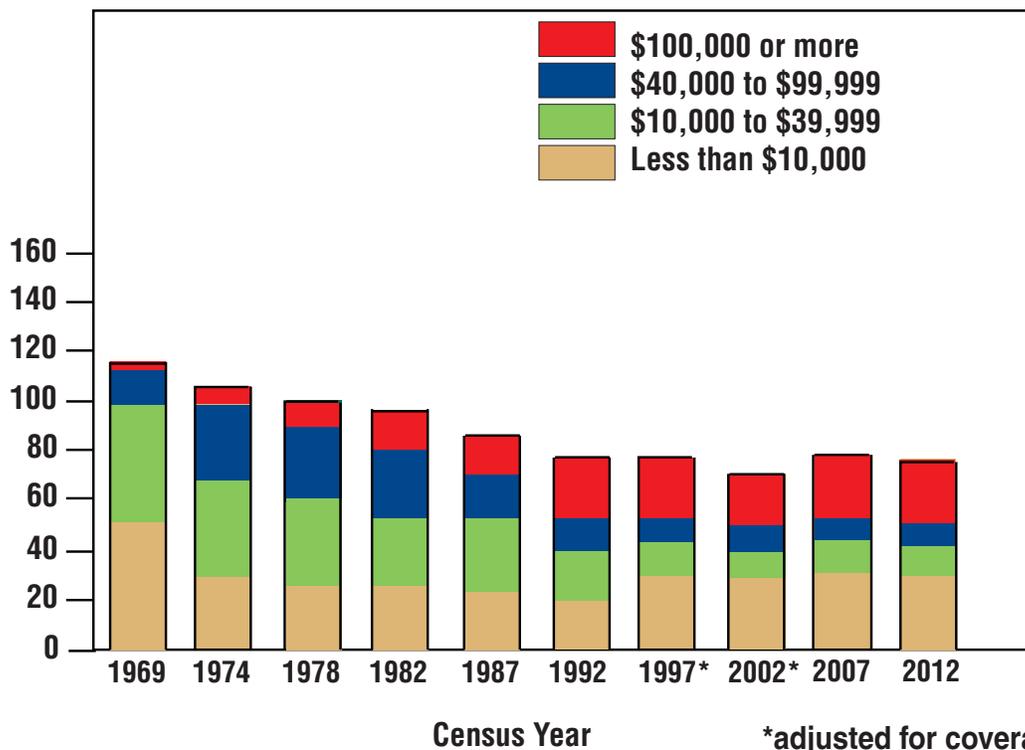
Percent of Farms and Market Value of Agricultural Products Sold: 2012



Source: 2012 Census of Agriculture

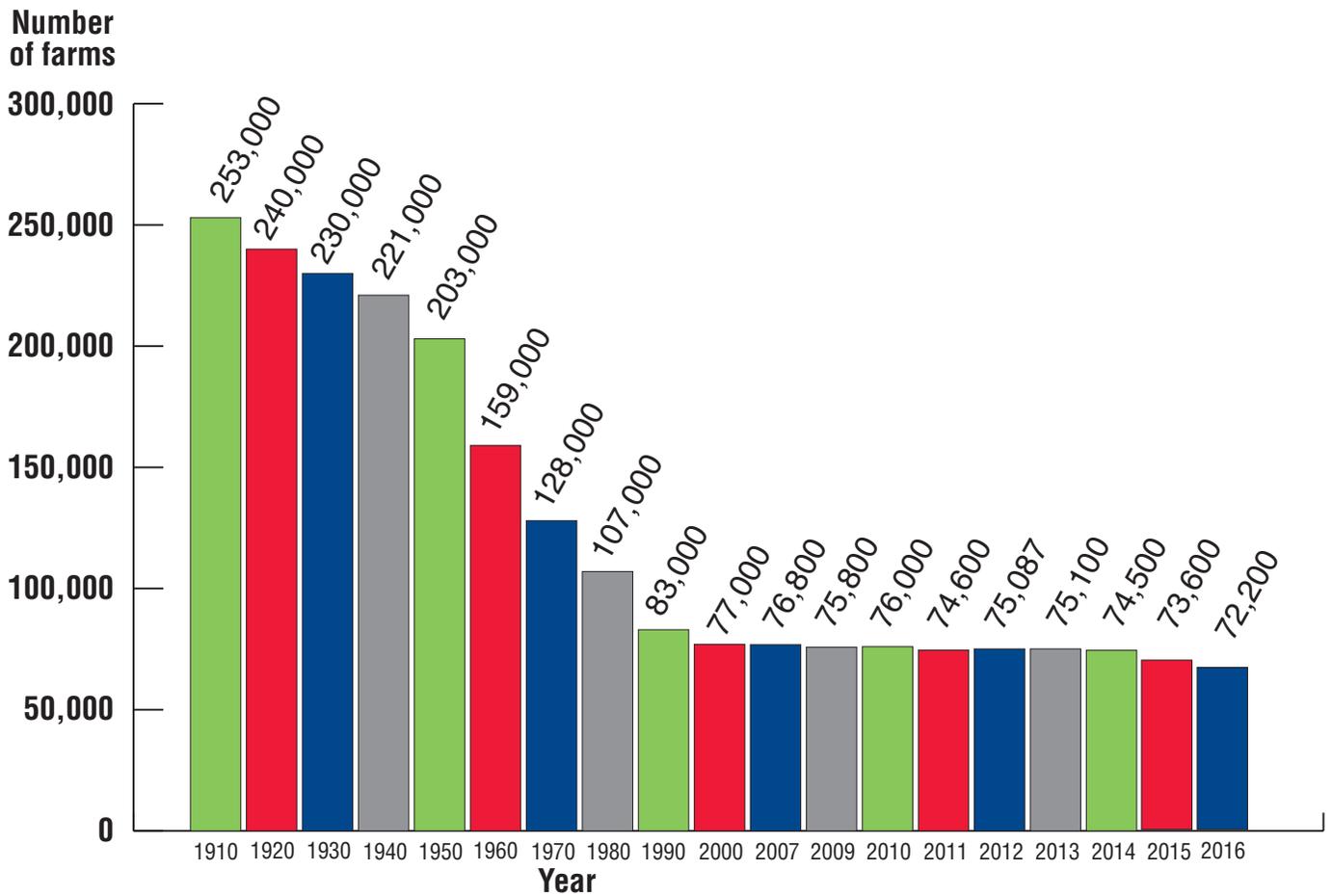
Farms by Market Value of Agriculture Products Sold: 1969 to 2012

(thousands of farms)



Source: 2012 Census of Agriculture

Number of Farms in Illinois



Source: USDA/NASS

Number of Illinois farms in 2016 = **72,200**

Total Cash Receipts - 2015

Total cash receipts from farm marketings by county

County	Total Cash Receipts Thousand Dollars
Adams	179,598
Alexander	21,854
Bond	104,877
Boone	90,084
Brown	43,003
Bureau	327,464
Calhoun	24,157
Carroll	230,792
Cass	135,747
Champaign	420,744
Christian	242,490
Clark	153,470
Clay	73,089
Clinton	254,307
Coles	154,407
Cook	10,346
Crawford	114,429
Cumberland	105,036
DeKalb	385,363
DeWitt	137,463
Douglas	187,537
DuPage	7,918
Edgar	212,606
Edwards	50,003
Effingham	184,714
Fayette	130,065
Ford	216,676
Franklin	78,245
Fulton	178,576
Gallatin	109,584
Greene	172,549
Grundy	116,580



County	Total Cash Receipts Thousand Dollars
Hamilton	88,151
Hancock	284,221
Hardin	5,315
Henderson	132,160
Henry	341,650
Iroquois	427,493
Jackson	88,881
Jasper	199,496
Jefferson	62,179
Jersey	68,282
Jo Daviess	167,318
Johnson	14,212
Kane	152,589
Kankakee	232,696
Kendall	108,796
Knox	242,207
Lake	32,252
LaSalle	359,399

Source: U.S. Department of Commerce
Bureau of Economic Analysis

Total Cash Receipts - 2015 (continued)

Total cash receipts from farm marketings by county

County	Total Cash Receipts Thousand Dollars
Lawrence	107,979
Lee	294,531
Livingston	463,719
Logan	257,971
McDonough	170,074
McHenry	169,972
McLean	488,254
Macon	240,766
Macoupin	212,908
Madison	178,205
Marion	115,892
Marshall	127,684
Mason	177,445
Massac	46,733
Menard	89,753
Mercer	166,253
Monroe	110,383
Montgomery	261,316
Morgan	185,950
Moultrie	134,066
Ogle	276,884
Peoria	144,064
Perry	70,778
Piatt	183,391
Pike	236,785
Pope	20,931

County	Total Cash Receipts Thousand Dollars
Pulaski	28,079
Putnam	61,417
Randolph	101,108
Richland	135,263
Rock Island	95,547
St. Clair	130,001
Saline	77,584
Sangamon	317,115
Schuyler	90,025
Scott	77,513
Shelby	245,221
Stark	115,596
Stephenson	354,988
Tazewell	217,050
Union	41,174
Vermilion	275,266
Wabash	44,145
Warren	230,787
Washington	224,082
Wayne	204,907
White	134,869
Whiteside	353,765
Will	129,844
Williamson	31,370
Winnebago	99,555
Woodford	270,386

Illinois	16,880,414
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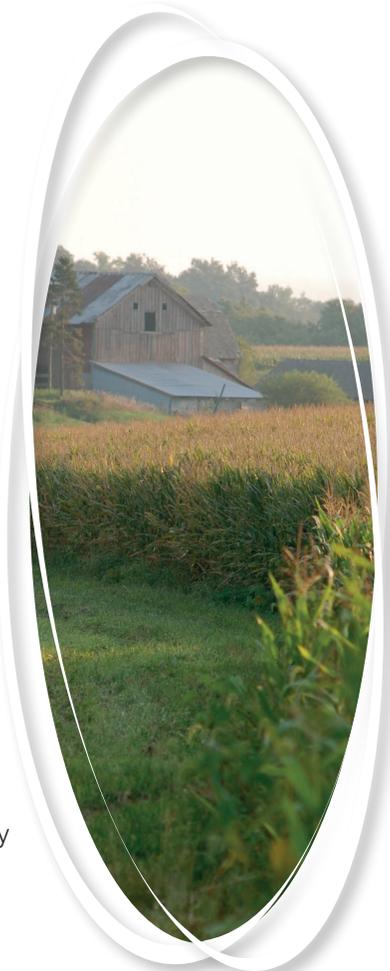


Source: U.S. Department of Commerce
Bureau of Economic Analysis

Major Crops

	Unit	IL Total or Average	IL as % of U.S. Total	IL Rank Among States
Soybeans (2016)				
Acreage	1,000 Acres	10,050	12.1	1
Yield Per Acre	Bushels	59	-	-
Production	1,000 Bushels	592,950	13.8	1
Corn (2016)				
Acreage	1,000 Acres	11,450	13.2	2
Yield Per Acre	Bushels	197	-	-
Production	1,000 Bushels	2,255,650	14.9	2
Winter Wheat (2016)				
Acreage	1,000 Acres	470	1.6	14
Yield Per Acre	Bushels	74	-	-
Production	1,000 Bushels	34,780	2.1	14
All Hay (2016)				
Acreage	1,000 acres	480	.9	33
Yield Per Acre	Tons	3.12	-	-
Production	1,000 Tons	1,497	1.1	31

Source: USDA/NASS, Crop Production 2016 Summary



Livestock, Dairy, and Poultry

	Unit	IL Total or Average	IL as % of U.S. Total	IL Rank Among States
Cattle & calves on farms (1-1-17)	1,000 head	1,220	1.3	27
Cattle & calves marketed (2016)	Million pds.	498	.9	26
Hogs & pigs on farms (12-1-16)	1,000 head	5,100	7.1	4
Hogs & pigs marketed (2016)	Million pds.	2,182	6.0	4
Milk cows on farms (2016)	1,000 head	94	1.0	21
Milk production (2016)	Million pds.	1,903	0.9	22
Total cheese (2016)	1,000 pds.	81,511	0.7	12
Egg production (2016)	1,000 dozen eggs	127,892	1.5	19

Source: USDA/NASS, Meat Animals Production; Dairy Products, Milk Production; Chicken and Eggs 2016 Summaries

TOTAL

	Unit	IL Total or Average	IL as % of U.S. Total	IL Rank Among States
Total all crops (2015)	Million Dollars	13,146	7.1	2
Total all livestock (2015)	Million Dollars	2,539	1.3	26
Total all livestock & crops (2015)	Million Dollars	15,685	4.2	6

Source: USDA/ERS, Farm Income and Wealth Statistics

Illinois Leading Counties - Crops

Counties Leading in Production of Selected Crops



Corn 2016	
County	Bushels
McLean	70,340,000
Livingston	63,438,000
Iroquois	62,228,000
Champaign	59,810,000
LaSalle	58,602,000
Bureau	55,369,000
Lee	51,418,000
Sangamon	50,967,000
Ogle	49,691,000
Henry	48,239,000

Soybeans 2016	
County	Bushels
McLean	18,950,000
Iroquois	17,182,000
Livingston	16,692,000
Champaign	16,612,000
LaSalle	14,999,000
Vermillion	13,443,000
Henry	10,420,000
Christian	10,405,000
Edgar	10,077,000
Macoupin	9,976,000

Winter Wheat 2016	
County	Bushels
Washington	2,984,000
Randolph	1,956,000
Clinton	1,741,000
Monroe	1,600,000
St. Clair	1,200,000
Madison	1,016,000
Marion	925,000
Franklin	924,000
White	770,000
Clay	687,000

Oats 2016	
County	Bushels
DeKalb	230,000
Winnebago	83,500
Stephenson	65,000
Whiteside	63,500
LaSalle	52,600

Alfalfa Hay 2015	
County	Tons
Jo Daviess	57,900
Stephenson	53,900
Clinton	35,000
Winnebago	21,700
Carroll	20,900
Washington	19,900
Knox	19,300
McHenry	19,000
Whiteside	17,400
Kane	17,100

Source: USDA/NASS Quick Stats Database
www.quickstats.nass.usda.gov

Illinois Leading Counties - Livestock

Counties Leading in Number of Livestock
(as of January 1, 2017)



Beef cows*	
County	Number
Jo Daviess	17,300
Fulton	13,700
Adams	13,600
Hancock	11,200
Henry	9,100
Macoupin	8,600
Ogle	8,600
McDonough	7,700
Carroll	7,200
Greene	6,900

Milk cows*	
County	Number
Clinton	13,600
Stephenson	12,200
JoDaviess	7,800
Washington	7,000
Effingham	4,100
McLean	3,900
McHenry	3,000
Cumberland	2,600
Winnebago	2,300
Boone	1,800
Carroll	1,800

All cattle*	
County	Number
Stephenson	58,000
Jo Daviess	57,000
Clinton	53,000
Effingham	38,500
Carroll	37,500
Adams	36,500
DeKalb	34,000
Whiteside	34,000
Ogle	33,500
Henry	29,000

Source: USDA/NASS - Quick Stats Database
www.quickstats.nass.usda.gov

Illinois' Specialty Farmers



Livestock

<u>Commodity</u>	<u>Farms</u>	<u>Number of Animals</u>
Alpacas.....	169.....	2,380
Bees.....	919.....	10,043
Bison.....	32.....	688
Ducks.....	512.....	8,348
Geese.....	213.....	1,341
Milk goats.....	593.....	7,367
Mink.....	5.....	27,076
Mules, Burros, Donkeys.....	1,319.....	3,786
Ostriches.....	4.....	406
Pheasants.....	54.....	102,086
Pigeons or Squab.....	34.....	2,338
Quail.....	54.....	65,346
Rabbits.....	379.....	9,492



Crops

<u>Commodity</u>	<u>Farms</u>	<u>Acres</u>
Apples.....	460.....	2,146
Apricots.....	21.....	5
Asparagus.....	114.....	130
Bedding/Garden Plants.....	150.....	522
Bell Peppers.....	407.....	375
Beets.....	103.....	223
Blueberries.....	142.....	204
Broccoli.....	73.....	48
Cantaloupe.....	98.....	1,196
Cauliflower.....	17.....	11
Cherries.....	204.....	77
Christmas Trees.....	271.....	2,818
Cucumbers and Pickles.....	151.....	375
Cut Flowers/Floral Greens.....	36.....	236
Dry Onions.....	109.....	295
Eggplant.....	61.....	37
Grapes.....	421.....	1,197
Green Onion.....	41.....	9
Green Peas.....	137.....	10,214
Head Cabbage.....	103.....	487
Horseradish.....	16.....	1,779
Peppers, Other Than Bell.....	248.....	205
Mustard Greens.....	18.....	24
Okra.....	36.....	15
Peaches.....	295.....	1,430
Pears.....	197.....	120
Pecans.....	65.....	394
Plums and Prunes.....	115.....	45
Popcorn.....	102.....	26,296
Potatoes.....	330.....	7,021
Pumpkins.....	519.....	16,426
Raspberries.....	147.....	72
Rye.....	94.....	2,637
Spinach.....	41.....	29
Squash.....	168.....	817
Strawberries.....	237.....	317
Sweet Corn.....	540.....	18,227
Sweet Potatoes.....	43.....	20
Tomatoes.....	587.....	702
Watermelons.....	120.....	2,101

Source: 2012 Census of Agriculture

Illinois Farm Income

Gross cash receipts from farm marketings
(Thousand dollars)



2015 2014 2013

Corn	\$7,897,875	\$9,387,201	\$7,761,827
Oil Crops*	\$5,089,903	\$6,077,086	\$5,674,670
All Other Crops	\$485,121	\$484,206	\$420,609
Wheat	\$138,139	\$219,327	\$387,527
Vegetables and Melons	\$57,682	\$107,107	\$191,060
Fruits and Nuts	\$15,559	\$19,942	\$20,542
All Crops	\$13,754,522	\$16,377,149	\$14,545,023
Hogs	\$1,263,882	\$1,737,987	\$1,586,373
Cattle and Calves	\$683,355	\$810,029	\$613,187
Dairy Products	\$332,760	\$453,986	\$386,469
Poultry/Eggs	\$211,971	\$153,155	\$145,880
Miscellaneous Livestock	\$46,736	\$49,517	\$41,895
All Livestock and Products	\$2,538,703	\$3,204,674	\$2,773,804
All Commodities	\$16,293,225	\$19,581,823	\$17,318,827

*Includes Soybeans

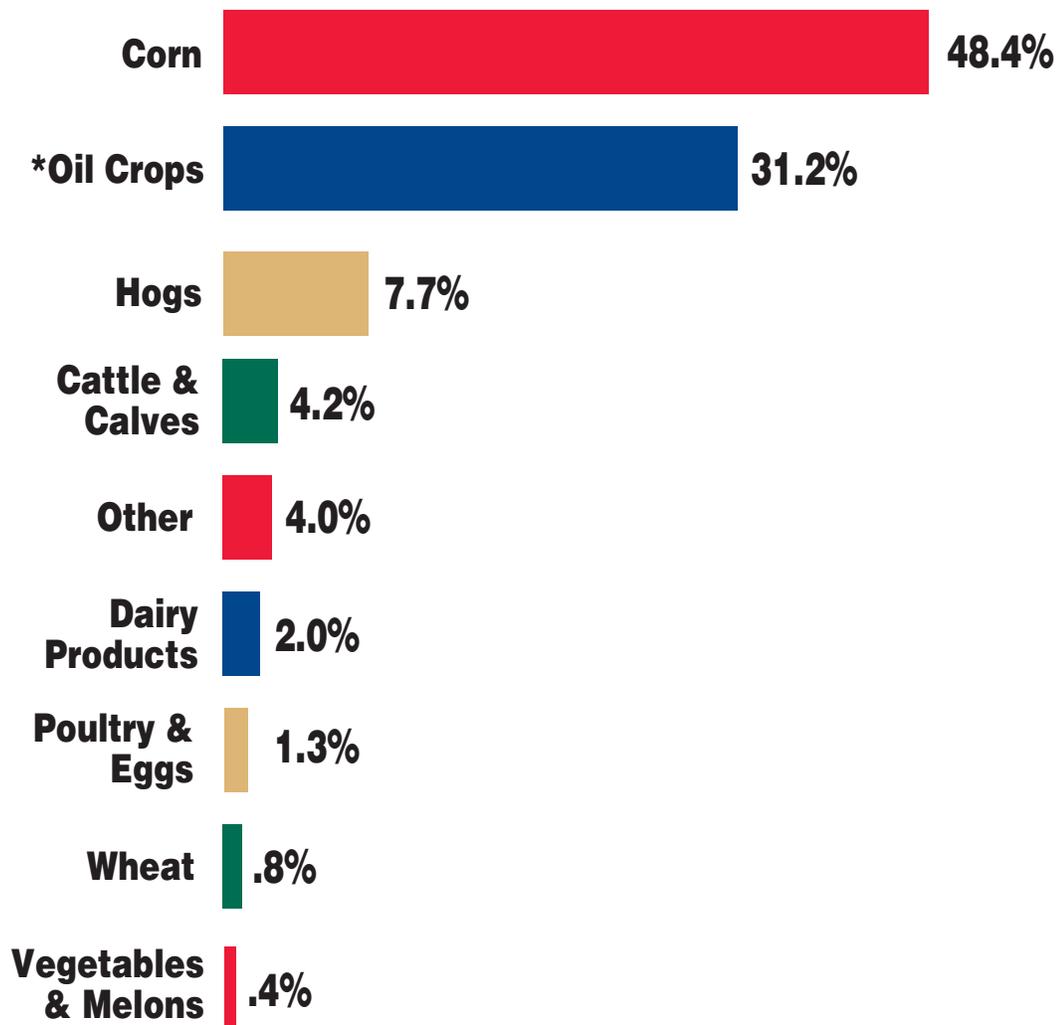
Source: USDA/ERS, Annual Cash Receipts by Commodity

ILLINOIS

Cash Farm Income by Commodity



2015



*Includes Soybeans

Source: USDA/ERS, Cash Receipts by Selected Commodity

Illinois Farm Costs (million dollars)



2015 2014 2013

Rent	\$3,810	\$4,100	\$3,930
Fertilizer	\$2,210	\$2,210	\$2,560
Seeds & plants	\$2,030	\$1,960	\$2,000
Farm services	\$1,710	\$1,610	\$1,380
Feed	\$1,370	\$1,200	\$940
Ag chemicals	\$1,110	\$1,130	\$1,150
Farm machines	\$930	\$1,810	\$1,790
Livestock/poultry related	\$870	\$680	\$550
Farm supplies & repairs	\$760	\$720	\$740
Farm improvements & construction	\$620	\$750	\$740
Taxes	\$610	\$710	\$580
Labor	\$600	\$510	\$520
Fuel	\$580	\$780	\$760
Interest	\$460	\$440	\$450
Trucks & autos	\$160	\$260	\$230
Miscellaneous capital expenses	\$30	\$25	\$50

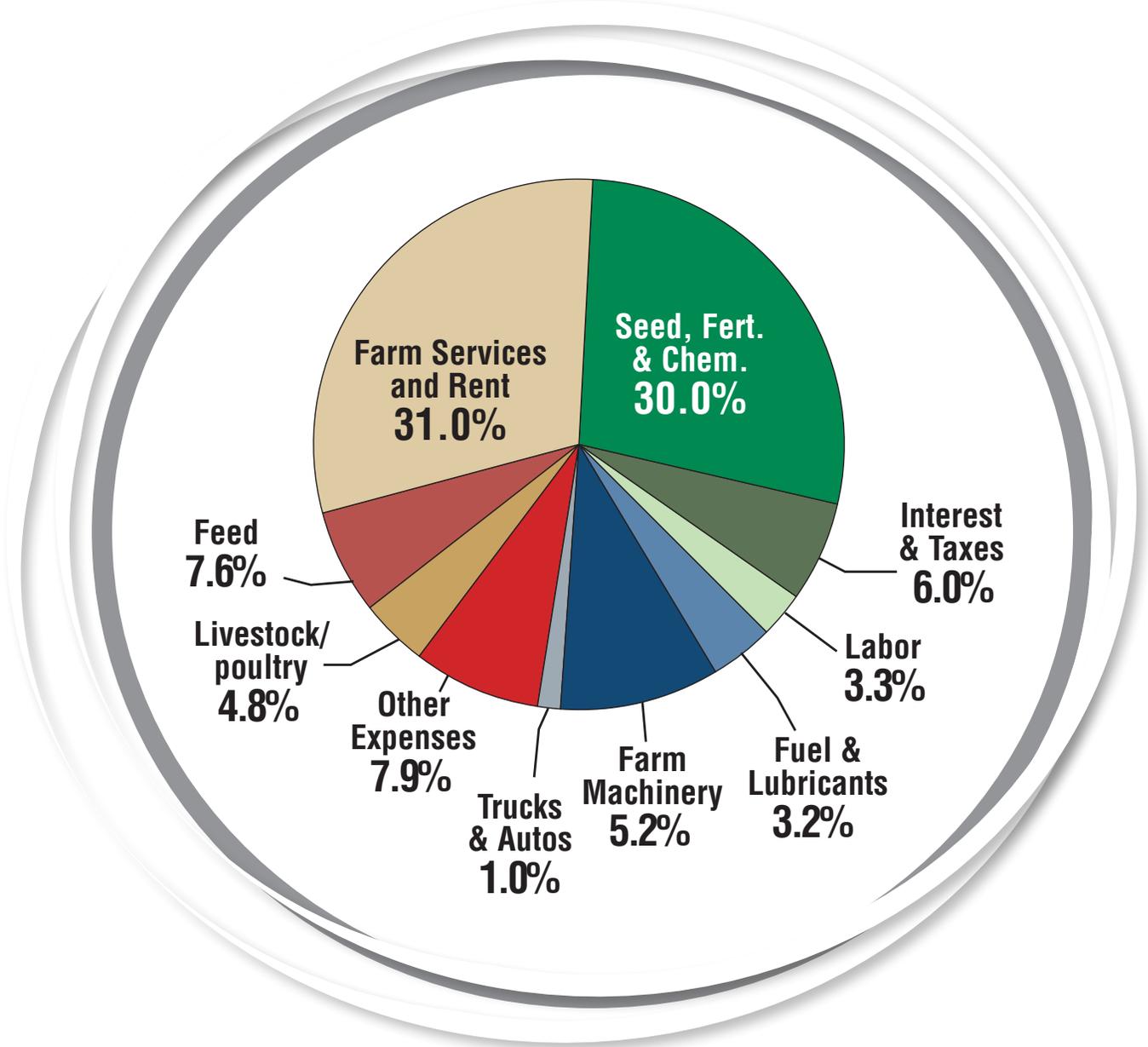
Total	\$17,860	\$18,895	\$18,370
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Source: USDA/NASS Farm Production Expenditures Summaries, 2016, 2015, and 2014



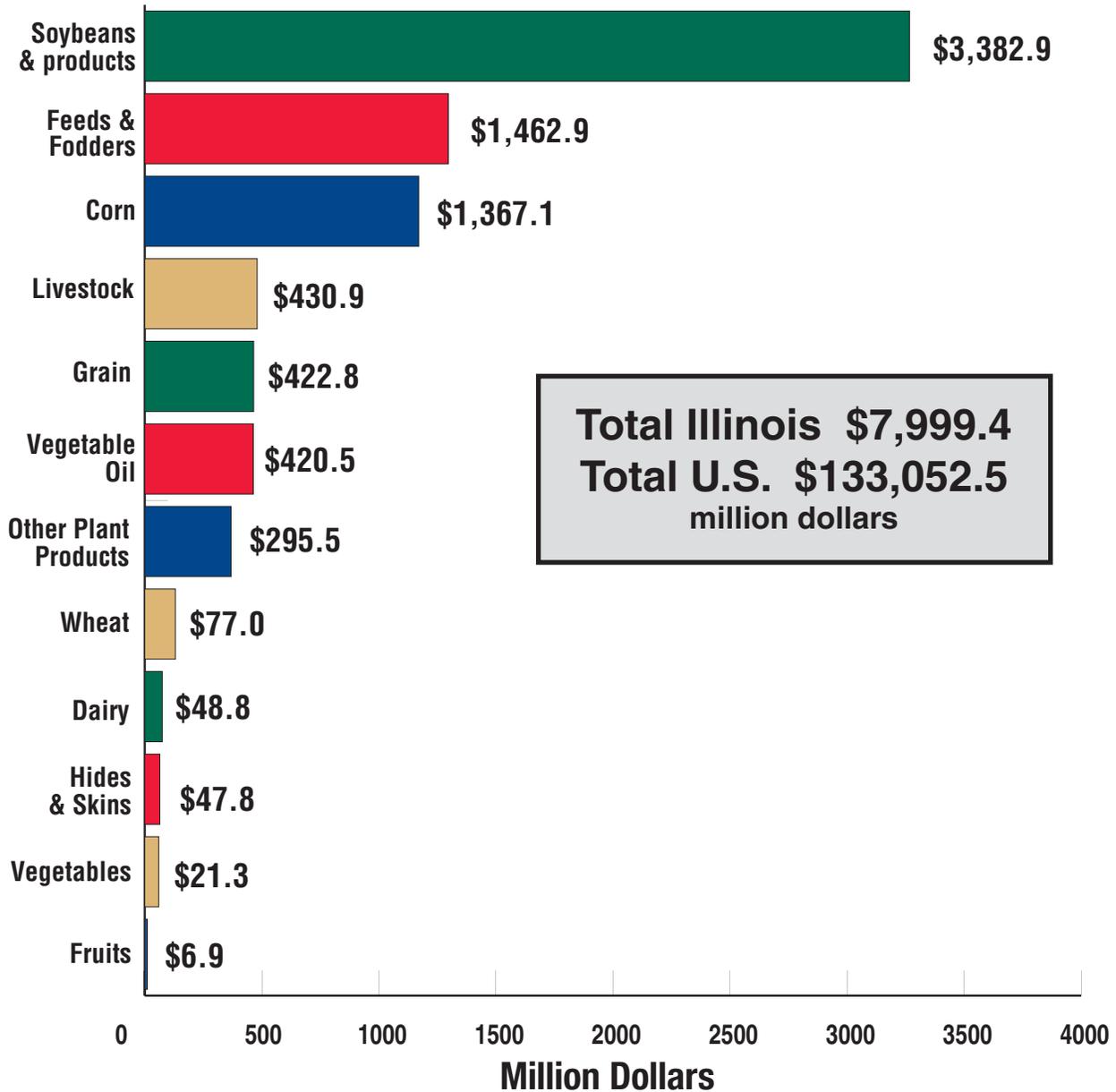
2015 Illinois Farm Expenditures

(Percent of Total Farm Outlay)



Source: USDA/NASS Farm Production Expenditures 2015 Summary, August 2016

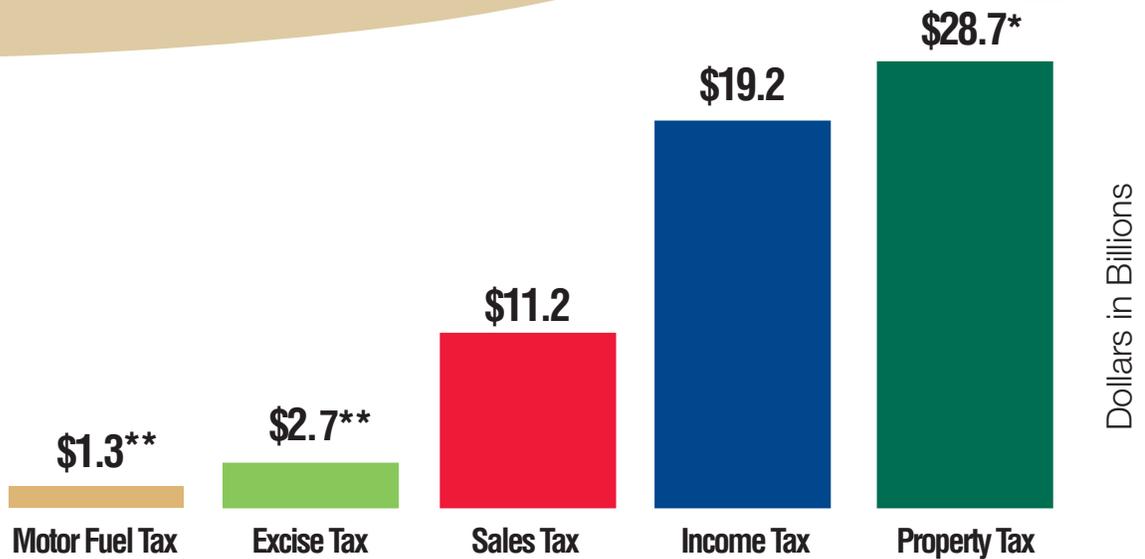
Illinois Ag Exports* FY 2015



*Goods leaving the State of Illinois

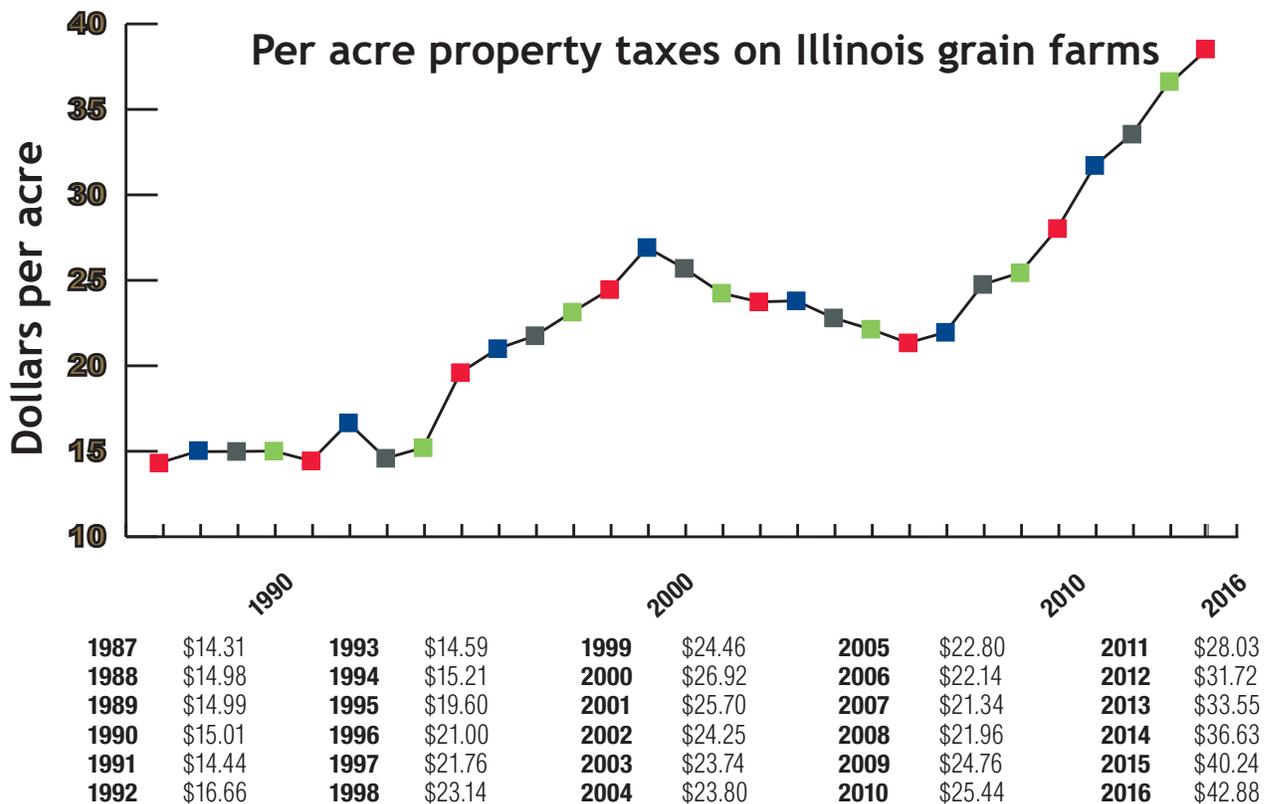
Source: USDA/ERS, State Export Data - www.ers.usda.gov/data-products/state-export-data/

Illinois Tax Revenues FY 2016



* 2014 tax extensions collected in 2015.
** Includes income from taxes and fees.

Source: Illinois Department of Revenue



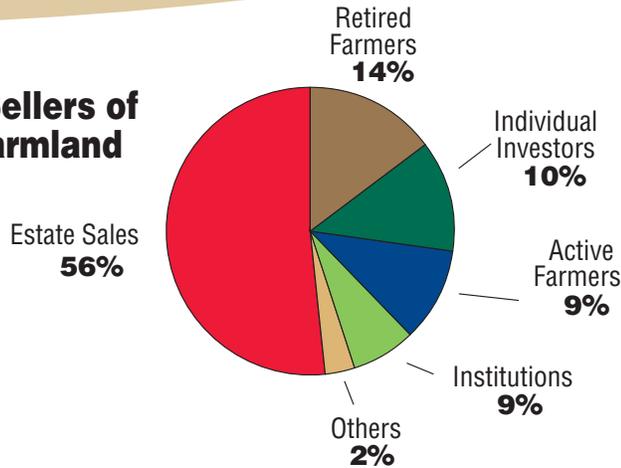
Data from 1995 forward from land owned by farm operators only; leased land not included. Prior to 1995, data from land owned by farm operators and estimated for land leased. Starting in 1995, data collected from farm operators only instead of total farm data.

Source: Farm Business Farm Management Association

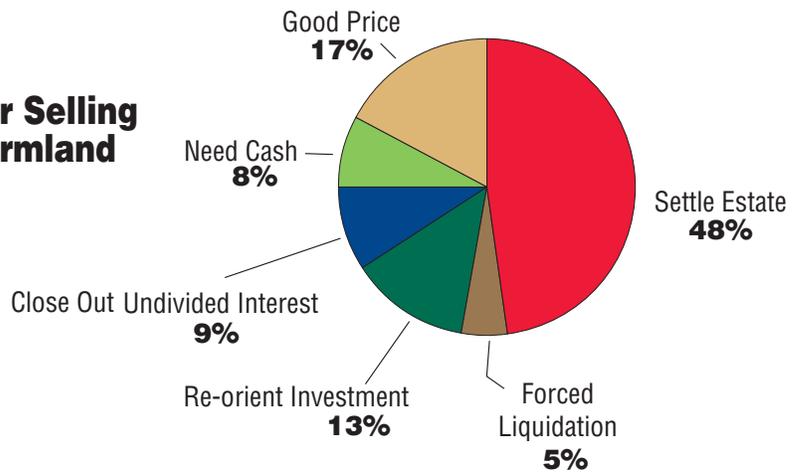
Characteristics of Illinois Farmland Buyers and Sellers 2016



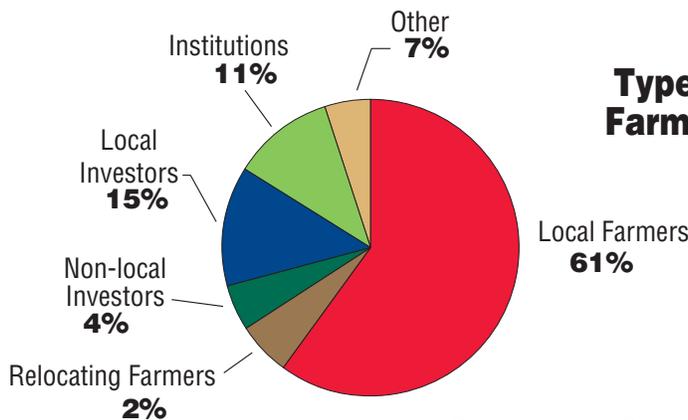
Types of Sellers of Illinois Farmland



Reasons for Selling Illinois Farmland

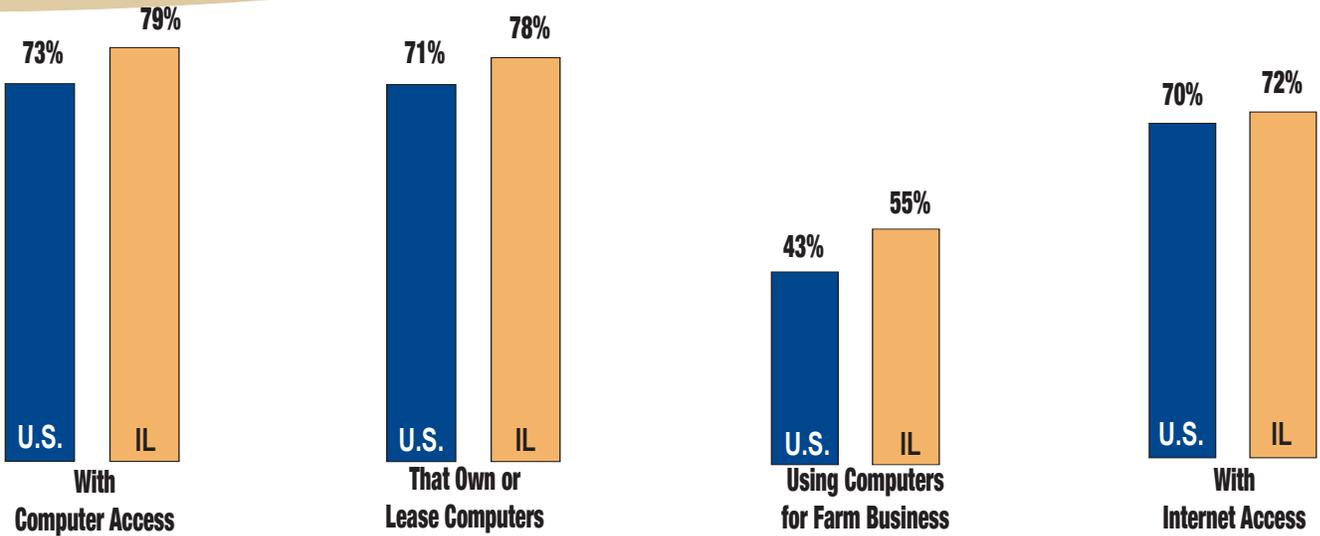


Types of Illinois Farmland Buyers



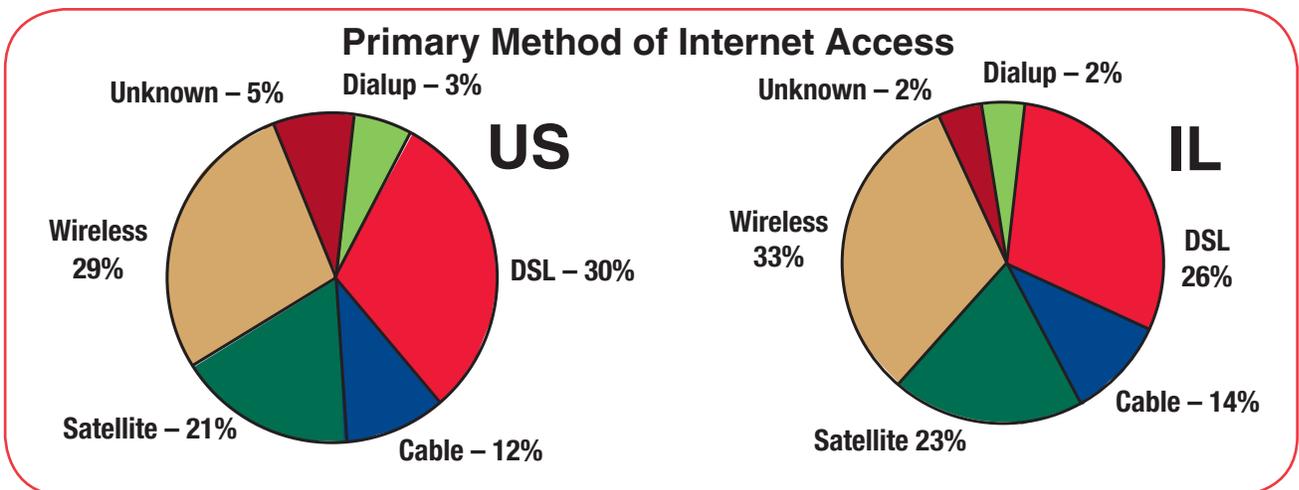
Source: Illinois Society of Professional Farm Managers and Rural Appraisers "2017, Illinois Farmland and Values and Lease Trends"

Farm Computer Ownership and Usage 2015



Use of Internet

	US	IL
Purchase Agricultural Inputs	19%	20%
Conduct Agricultural Marketing Activities	16%	22%
Access USDA/NASS Reports	10%	14%
Access Other USDA Reports/Services	17%	22%
Access Other Federal Government Web Sites	17%	19%
Conduct Business With Any USDA Web Site	9%	14%
Conduct Business With Any Other Federal Government Web Site	7%	8%
Conduct Business With Any Non-Agricultural Web site	44%	51%



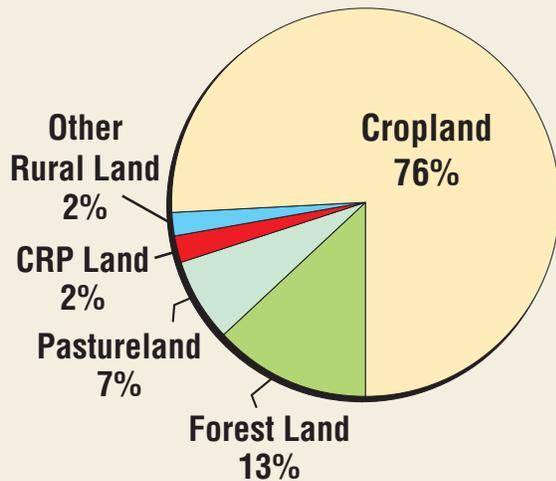
Source: USDA/NASS Farm Computer Usage and Ownership, August 2015

Land Use *in* Illinois

Illinois

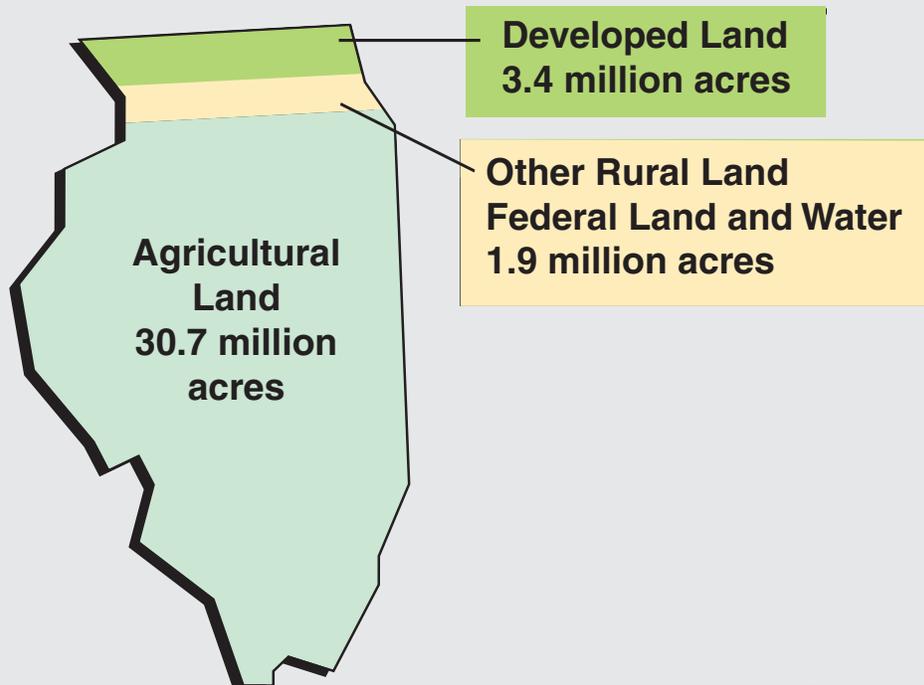


Agricultural Land Use



Illinois had 20,625,100 acres of soil classified as prime farmland in 2012

About 18,511,700 (89.8%) acres of prime farmland were used as cropland



Source: NRCS/2012 National Resource Inventory

Illinois County Demographics

COUNTY	Total Population ¹	Population Urban ²	Population Rural ²	Percent Rural ²	Number of Farms ³	Number of Households ²
Adams	66,578	45,228	21,875	32.6	1,298	27,375
Alexander	6,478	3,142	5,096	61.86	144	3,329
Bond	16,824	6,976	10,792	60.74	661	6,427
Boone	53,503	43,677	10,488	19.36	479	18,505
Brown	6,762	4,088	2,849	41.07	413	2,099
Bureau	33,359	14,904	20,074	57.39	1,056	14,262
Calhoun	4,894	0	5,089	100	478	2,085
Carroll	14,539	2,789	12,598	81.87	643	6,622
Cass	12,676	6,530	7,112	52.13	446	5,270
Champaign	208,419	175,523	25,558	12.71	1,312	80,665
Christian	33,309	19,679	15,121	43.45	816	14,055
Clark	15,938	6,609	9,726	59.54	677	6,782
Clay	13,300	4,872	8,943	64.73	774	5,697
Clinton	37,729	19,350	18,412	48.76	915	14,005
Coles	52,343	40,788	13,085	24.29	704	21,463
Cook	5,203,499	5,192,322	2,353	0.05	127	1,966,356
Crawford	19,308	7,894	11,923	60.17	599	7,763
Cumberland	10,858	0	11,048	100	733	4,377
DeKalb	104,528	83,807	21,353	20.31	880	38,484
DeWitt	16,226	8,487	8,074	48.75	511	6,811
Douglas	19,630	7,665	12,315	61.64	735	7,720
DuPage	929,368	916,488	436	0.05	74	337,132
Edgar	17,566	8,953	9,623	51.8	673	7,839
Edwards	6,523	0	6,721	100	365	2,840
Effingham	34,386	13,800	20,442	59.7	1,302	13,515
Fayette	21,789	7,309	14,831	66.99	1,240	8,311
Ford	13,575	8,198	5,883	41.78	546	5,676
Franklin	39,156	20,342	19,219	48.58	711	16,617
Fulton	35,536	14,818	22,251	60.03	970	14,536
Gallatin	5,212	0	5,589	100	203	2,403
Greene	13,093	4,048	9,838	70.85	689	5,570
Grundy	50,437	37,860	12,203	24.38	431	18,546
Hamilton	8,061	2,698	5,759	68.1	695	3,489
Hancock	18,508	5,545	13,559	70.97	1,090	8,040
Hardin	4,024	0	4,320	100	150	1,915
Henderson	6,869	25	7,306	99.66	396	3,149
Henry	49,280	25,104	25,382	50.28	1,373	20,373
Iroquois	28,334	8,398	21,320	71.74	1,470	11,956
Jackson	58,870	37,837	22,381	37.17	783	25,538
Jasper	9,536	2,923	6,775	69.86	910	3,940
Jefferson	38,460	16,008	22,819	58.77	1,063	15,365
Jersey	22,025	9,063	13,922	60.57	509	22,985
Jo Daviess	21,770	6,216	16,462	72.59	935	9,753
Johnson	12,902	0	12,582	100	558	4,584
Kane	531,715	496,934	18,335	3.56	590	170,479
Kankakee	110,008	85,703	27,746	24.46	818	41,511
Kendall	124,695	102,781	11,955	10.42	364	38,022
Knox	50,938	40,049	12,870	24.32	856	21,535
Lake	703,047	694,547	8,915	1.27	349	241,712
LaSalle	110,642	79,502	34,422	30.21	1,583	45,347
Lawrence	16,377	7,067	9,766	58.02	379	6,130

COUNTY	Total Population ¹	Population Urban ²	Population Rural ²	Percent Rural ²	Number of Farms ³	Number of Households ²
Lee	34,251	16,858	19,173	53.21	835	13,758
Livingston	36,526	23,057	15,893	40.8	1,349	14,613
Logan	29,527	18,224	12,081	39.86	779	11,070
McDonough	30,996	22,990	9,622	29.5	740	13,057
McHenry	307,004	278,259	30,501	9.88	911	109,199
McLean	172,418	141,598	27,974	16.5	1,489	65,104
Macon	106,550	93,863	16,905	15.26	674	45,855
Macoupin	45,908	19,816	27,949	58.51	1,190	19,381
Madison	265,759	233,358	35,924	13.34	1,110	108,094
Marion	38,140	21,668	17,769	45.06	1,152	16,148
Marshall	11,939	0	12,640	100	440	5,161
Mason	13,507	3,302	11,364	77.49	490	6,079
Massac	14,658	7,636	7,793	50.51	412	6,362
Menard	12,516	3,088	9,617	75.69	369	5,140
Mercer	15,730	3,655	12,779	77.76	715	6,734
Monroe	34,068	19,326	13,631	41.36	563	12,589
Montgomery	28,952	17,574	12,530	41.62	1,021	11,652
Morgan	34,277	22,669	12,878	36.23	757	14,104
Moultrie	14,827	4,567	10,279	69.24	553	5,758
Ogle	51,273	28,300	25,197	47.1	1,148	20,856
Peoria	185,006	159,181	27,313	14.65	917	75,793
Perry	21,357	12,596	9,754	43.64	560	8,335
Piatt	16,560	5,410	11,319	67.66	426	6,782
Pike	15,950	4,550	11,880	72.31	970	6,639
Pope	4,157	0	4,470	100	349	1,829
Pulaski	5,619	0	6,161	100	230	2,642
Putnam	5,611	0	6,006	100	183	2,509
Randolph	32,621	19,201	14,275	42.64	793	12,314
Richland	15,930	9,177	7,056	43.47	554	6,726
Rock Island	144,784	131,434	16,112	10.92	666	61,303
St. Clair	262,759	243,713	26,343	9.75	732	105,045
Saline	24,307	14,035	10,878	43.66	483	10,379
Sangamon	197,499	169,570	27,895	14.13	1,092	82,986
Schuyler	6,923	3,196	4,348	57.64	542	3,040
Scott	5,053	0	5,355	100	356	2,214
Shelby	21,717	4,980	17,383	77.73	1,282	9,216
Stark	5,776	0	5,994	100	348	2,425
Stephenson	45,624	28,582	19,129	40.09	1,087	47,711
Tazewell	134,385	107,749	27,645	20.42	942	54,146
Union	17,212	6,078	11,730	65.87	623	7,167
Vermilion	78,111	56,112	25,513	31.26	956	32,655
Wabash	11,492	7,300	4,647	38.9	213	5,012
Warren	17,378	9,654	8,053	45.48	605	6,918
Washington	14,154	3,878	10,838	73.65	777	5,926
Wayne	16,396	5,039	11,721	69.93	1,187	7,102
White	14,292	5,568	9,097	62.03	582	6,313
Whiteside	56,536	36,653	21,845	37.34	1,110	23,740
Will	689,529	650,936	26,624	3.93	882	225,256
Williamson	67,560	43,266	23,091	34.8	702	27,421
Winnebago	285,873	271,898	23,368	7.91	807	115,501
Woodford	39,140	17,443	21,221	54.89	958	14,276
Illinois	12,801,539	11,353,553	1,477,079	11.51	75,087	4,836,972

Sources: ¹U.S. Census Bureau July 1, 2016, Population Estimates

²2010 Census of Population, ³2012 Census of Agriculture

Trends in U.S. Agriculture

	Beginning of the 20th Century (1900)	Beginning of the 21st Century (2012)*
Number of Farms	5,739,657	2,109,303
Average Farm Acreage	147 acres	434 acres

Crops

Percent of Farms Growing:

Corn	82%	17%
Hay	62%	37%
Vegetables	61%	3%
Irish potatoes	49%	1%
Orchards ¹	48%	5%
Oats	37%	2%
Soybeans	- 0 -	14%

Livestock

Percent of Farms Raising:

Cattle	85%	43%
Milk cows	79%	3%
Hogs & pigs	76%	3%
Chickens ²	97%	9%

Farm Mechanization

Percent of Farms with:

Wheel Tractors ³	4%	79%
Horses	79%	24%
Mules	26%	5%

Government Payments	- 0 -	\$8.1 billion
Percent Labor Force Living on Farms ⁵	38.8%	1.6%

1/ 1929 Census of Agriculture.

2/ 1910 Census of Agriculture.

3/ 1920 Census of Agriculture.

4/ Bureau of the Census.

5/ Bureau of Labor Statistics.

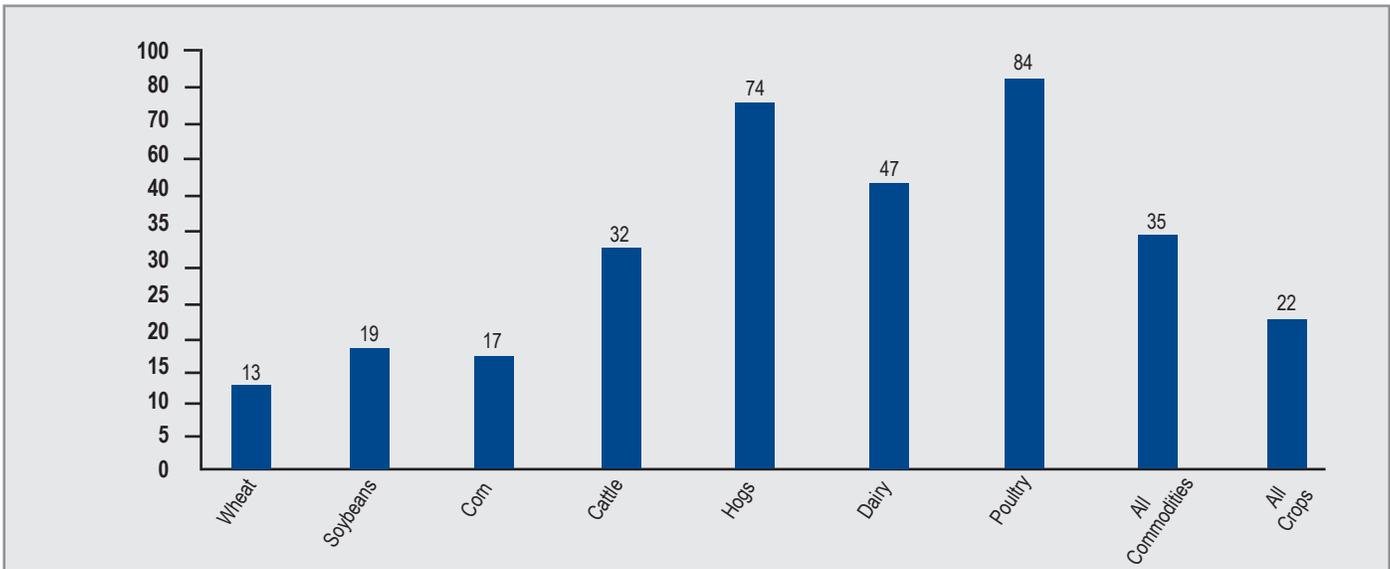
*2012 Census of Ag

Contract Farming*

Contract Share of U.S. Agricultural Production by Commodity

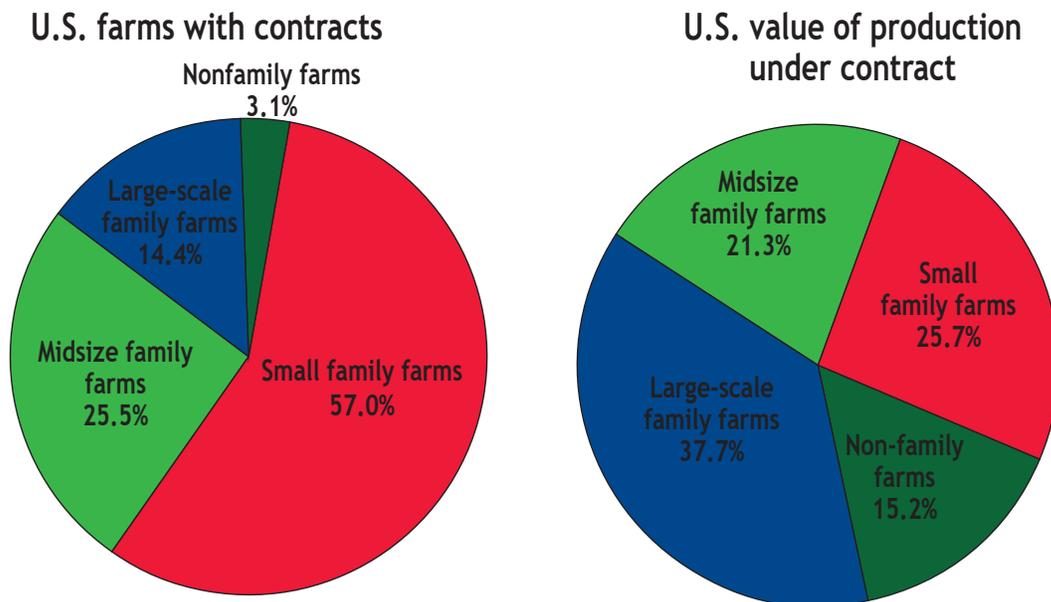


Share of value of production under contracts for selected commodities, 2013.



Source: USDA: Agricultural Resource Management Survey, 2013

Distribution of farms with contracts and value of production under contract, by farm type, 2015.



*Contract farming is a legal agreement between a farm operator (contractee) and another person or firm (contractor) to produce a specific type, quantity, and quality of agricultural commodity.

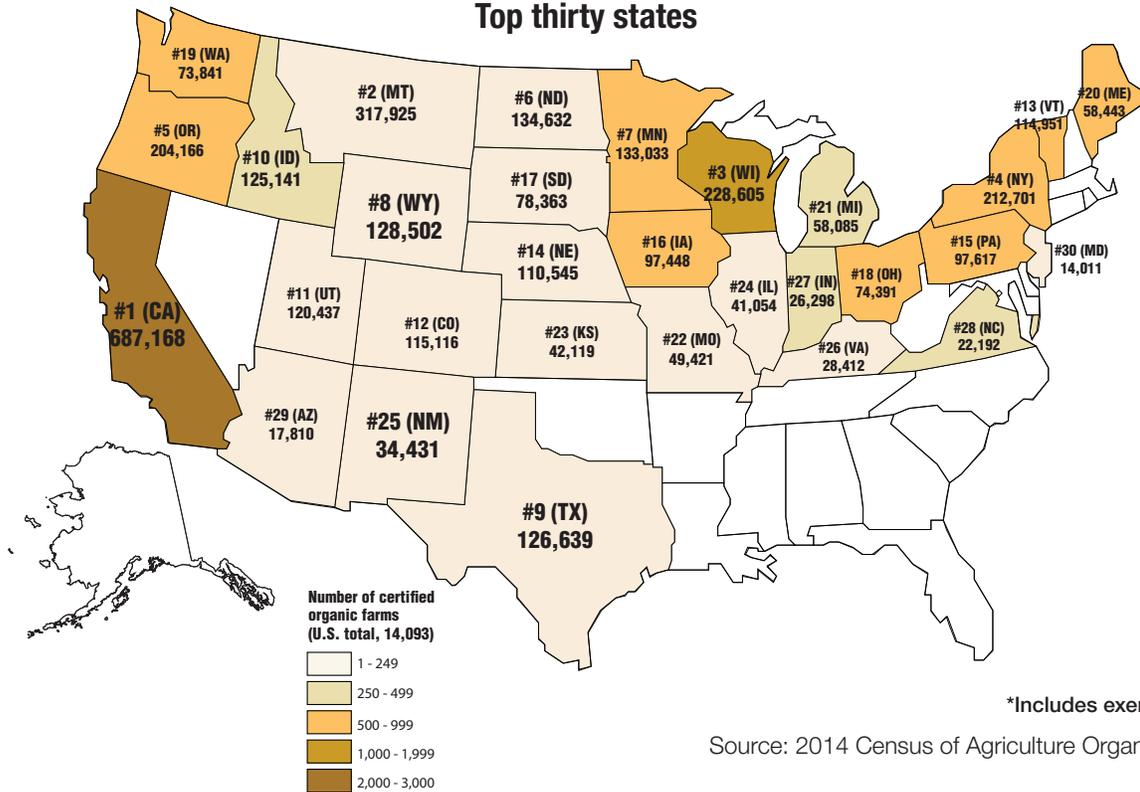
Source: USDA/ERS, Background on Farm Organization

Organic Agriculture Continues to Expand in the United States



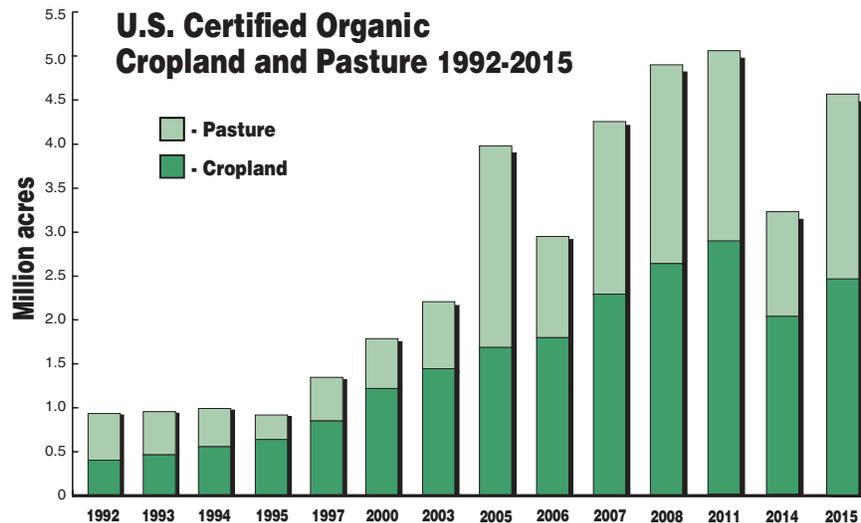
Certified Organic Acreage and Farms*

Top thirty states



*Includes exempt farms

Source: 2014 Census of Agriculture Organic Survey

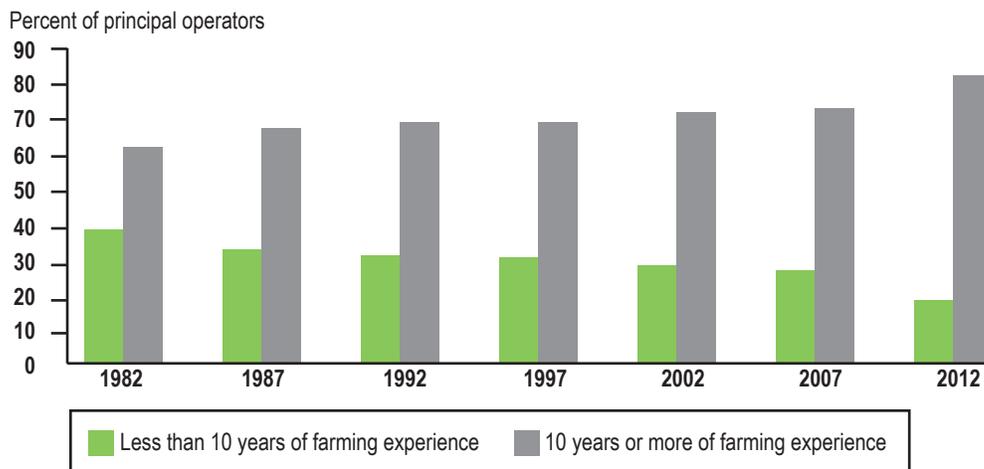


Source: USDA, ERS and NASS Organic Certifier Data

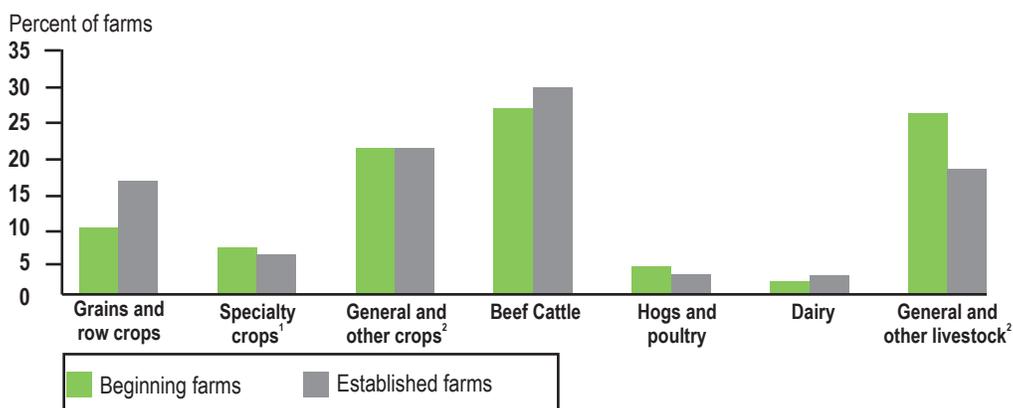
Beginning Farmers and Ranchers



Share of beginning farmers as principal operators



Beginning farmers are less likely to specialize in grains and row crops than established farms.



¹Fruits, tree nuts, vegetable greenhouse, and nursery crops

²General crop and livestock farms are those where no single commodity accounts for 50 percent of the total value of production.

Source: USDA, National Agricultural Statistics Service and Economic Research Service, Agricultural Resource Management Survey, 2011.

Source: USDA, 2012 Agricultural Census
Beginning Farmers and Ranchers at a Glance, 2013

Illinois Employment by Industry



Illinois Employment by Industry (Projected 2014-2024)

INDUSTRY	BASE YEAR EMPLOYMENT 2014	PROJECTED EMPLOYMENT 2024	ANNUAL COMPOUND GROWTH RATE
Agricultural Production	73,358	70,148	-0.45
Durable Goods Manufacturing	342,887	330,848	-0.36
Non-Durable Goods Manufacturing	236,140	231,433	-0.20
Self Employed Workers	282,241	283,299	0.04
Information	99,093	99,794	0.07
Financial Activities	369,439	388,402	0.50
Retail Trade	614,463	637,697	0.54
Trade, Transportation, and Utilities	1,206,335	1,279,972	0.59
Educational and Health Services	1,330,597	1,430,001	0.72
Leisure and Hospitality	557,645	616,483	1.01
Professional and Business Services	915,447	1,015,567	1.04

Source: IDES, State of Illinois Industry Employment Projections

Illinois Occupations Losing the Most Jobs (Projected 2014-2024)



Source: IDES, Occupational Employment Projections

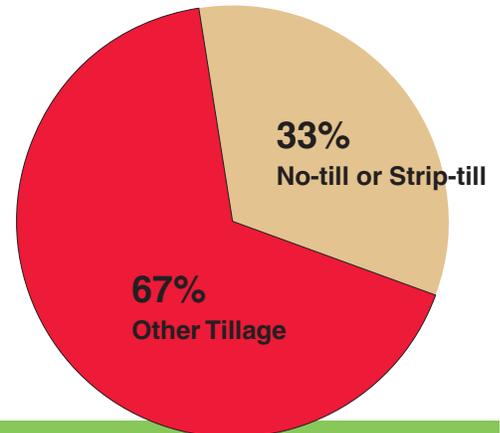
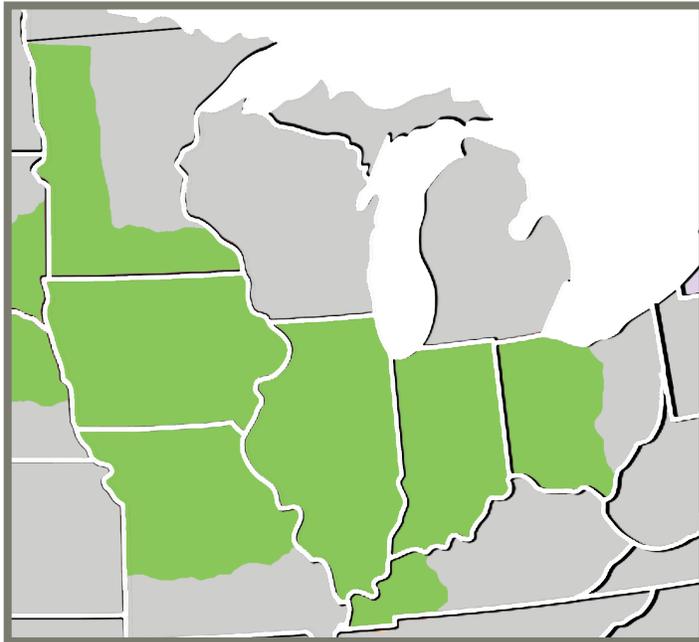
Agriculture *and the* Environment



Conservation - Practice Adoption



Tillage Practices in the Heartland, 2010-2011



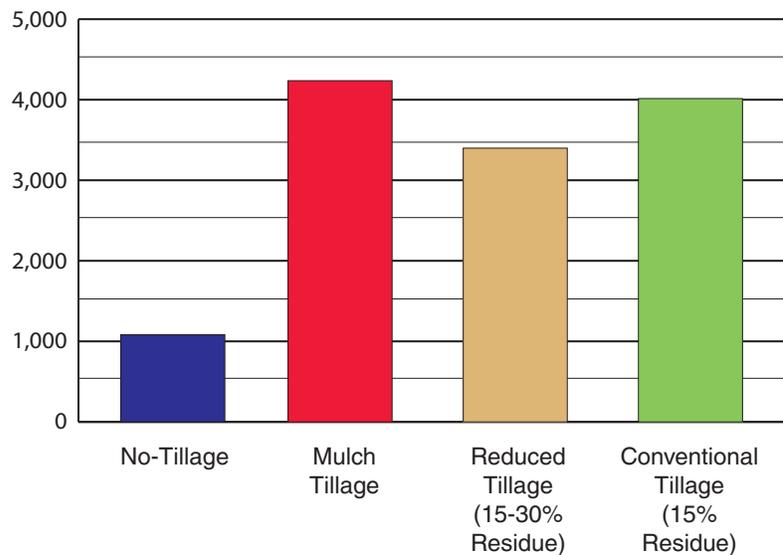
Heartland
197,023,290
 Cropland Acres*

*Includes Corn, Soybeans, Wheat, and Cotton

Source: USDA, Conservation - Practice Adoption Rates Vary Widely by Crop and Region, December 2015

Illinois Corn Production Practices, 2010

1,000 planted Acres



Source: USDA, ARMS Farm & Crop Production Practices, 2015

Conservation Reserve Program (CRP)

Total acres enrolled by fiscal year



County	2015 Cumulative Acreage	2016 Cumulative Acreage
ADAMS	16,824	17,255
ALEXANDER	1,987	2,043
BOND	7,951	7,840
BOONE	747	777
BROWN	13,355	13,230
BUREAU	11,859	12,388
CALHOUN	9,008	9,190
CARROLL	8,876	9,705
CASS	13,251	13,228
CHAMPAIGN	9,747	9,522
CHRISTIAN	9,437	8,551
CLARK	7,882	8,512
CLAY	17,089	17,109
CLINTON	5,766	5,457
COLES	7,329	7,465
CRAWFORD	12,637	12,439
CUMBERLAND	11,855	12,870
DEKALB	4,636	4,928
DEWITT	4,699	4,322
DOUGLAS	4,175	4,191
EDGAR	4,866	5,410
EDWARDS	5,940	5,743
EFFINGHAM	14,146	13,921
FAYETTE	13,957	13,961
FORD	7,228	7,951
FRANKLIN	10,880	9,404
FULTON	9,878	8,911

County	2015 Cumulative Acreage	2016 Cumulative Acreage
GALLATIN	2,758	2,332
GREENE	14,770	14,704
GRUNDY	2,431	2,508
HAMILTON	23,882	22,219
HANCOCK	15,893	15,132
HARDIN	3,658	3,467
HENDERSON	3,602	5,255
HENRY	15,306	15,960
IROQUOIS	16,482	19,197
JACKSON	8,004	7,543
JASPER	13,460	13,429
JEFFERSON	17,563	17,050
JERSEY	5,240	5,698
JODAVIESS	14,436	13,949
JOHNSON	15,609	15,211
KANE	74	88
KANKAKEE	2,560	3,358
KENDALL	415	334
KNOX	10,613	10,046
LAKE	88	88
LASALLE	8,441	8,647
LAWRENCE	4,189	4,361
LEE	5,170	5,372
LIVINGSTON	12,258	12,910
LOGAN	11,957	11,373
MCDONOUGH	5,639	5,034
MCHENRY	1,345	1,318

Conservation Reserve Program (CRP)

Total acres enrolled by fiscal year

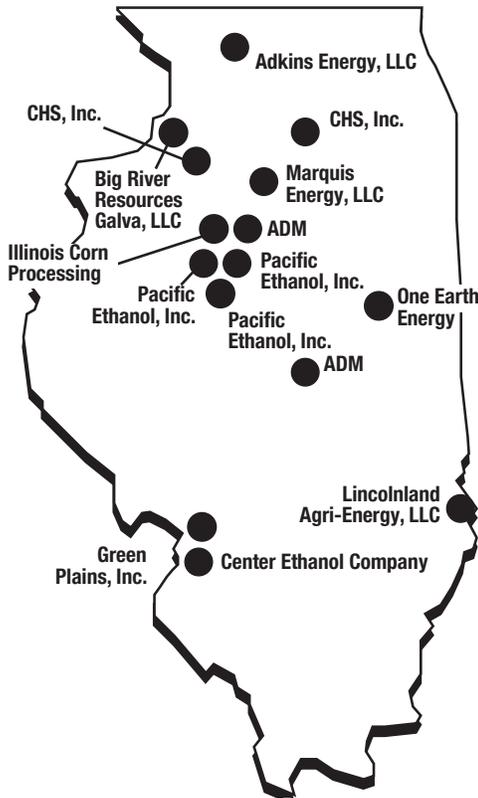


County	2015 Cumulative Acreage	2016 Cumulative Acreage
MCLEAN	10,686	11,373
MACON	3,480	3,222
MACOUPIN	13,384	13,977
MADISON	3,165	3,296
MARION	23,250	22,088
MARSHALL	3,249	3,370
MASON	17,457	19,681
MASSAC	8,006	7,248
MENARD	7,745	7,418
MERCER	14,692	14,986
MONROE	3,132	3,154
MONTGOMERY	13,981	15,116
MORGAN	9,083	8,655
MOULTRIE	2,430	2,346
OGLE	8,270	7,812
PEORIA	4,793	4,897
PERRY	5,669	5,386
PIATT	3,259	3,234
PIKE	26,132	26,271
POPE	10,224	10,048
PULASKI	6,199	6,313
PUTNAM	3,916	1,959
RANDOLPH	7,761	7,643
RICHLAND	7,144	7,144
ROCK ISLAND	6,390	6,822
ST. CLAIR	2,349	2,215

County	2015 Cumulative Acreage	2016 Cumulative Acreage
SALINE	7,119	6,365
SANGAMON	13,561	12,848
SCHUYLER	9,077	7,532
SCOTT	6,322	6,565
SHELBY	12,385	12,795
STARK	4,085	4,143
STEPHENSON	11,033	11,226
TAZEWELL	11,151	10,648
UNION	14,888	15,803
VERMILLION	7,475	10,293
WABASH	2,774	2,683
WARREN	3,329	3,339
WASHINGTON	4,872	4,316
WAYNE	30,794	28,756
WHITE	11,769	11,020
WHITESIDE	14,837	16,354
WILL	489	502
WILLIAMSON	6,627	6,164
WINNEBAGO	8,357	7,944
WOODFORD	6,313	6,512
STATE TOTAL:	894,946	894,391

Source: USDA, Farm Service Agency, CRP Enrollment and Rental Payments

Fields of Fuel Ethanol Production Capacity *in* Illinois



Plant	Location	Capacity MGY
Adkins Energy, LLC	Lena, IL	52
Archer Daniels Midland	Decatur, IL	300
Archer Daniels Midland	Peoria, IL	185
Big River Resources Galva, LLC	Galva, IL	110
Center Ethanol Company, LLC	Sauget, IL	54
CHS, Inc.	Annawan, IL	125
CHS, Inc.	Rochelle, IL	133
Green Plains, Inc.	Madison, IL	90
Illinois Corn Processing	Pekin, IL	90
Lincolnland Agri-Energy, LLC	Palestine, IL	48
Marquis Energy, LLC	Hennepin, IL	300
One Earth Energy	Gibson City, IL	100
Pacific Ethanol, Inc.	Canton, IL	38
Pacific Ethanol, Inc.	Pekin, IL	100
Pacific Ethanol, Inc.	Pekin, IL	60

Source: Renewable Fuels Association as of April 3, 2017
www.ethanolrfa.org/bio-refinery-locations/

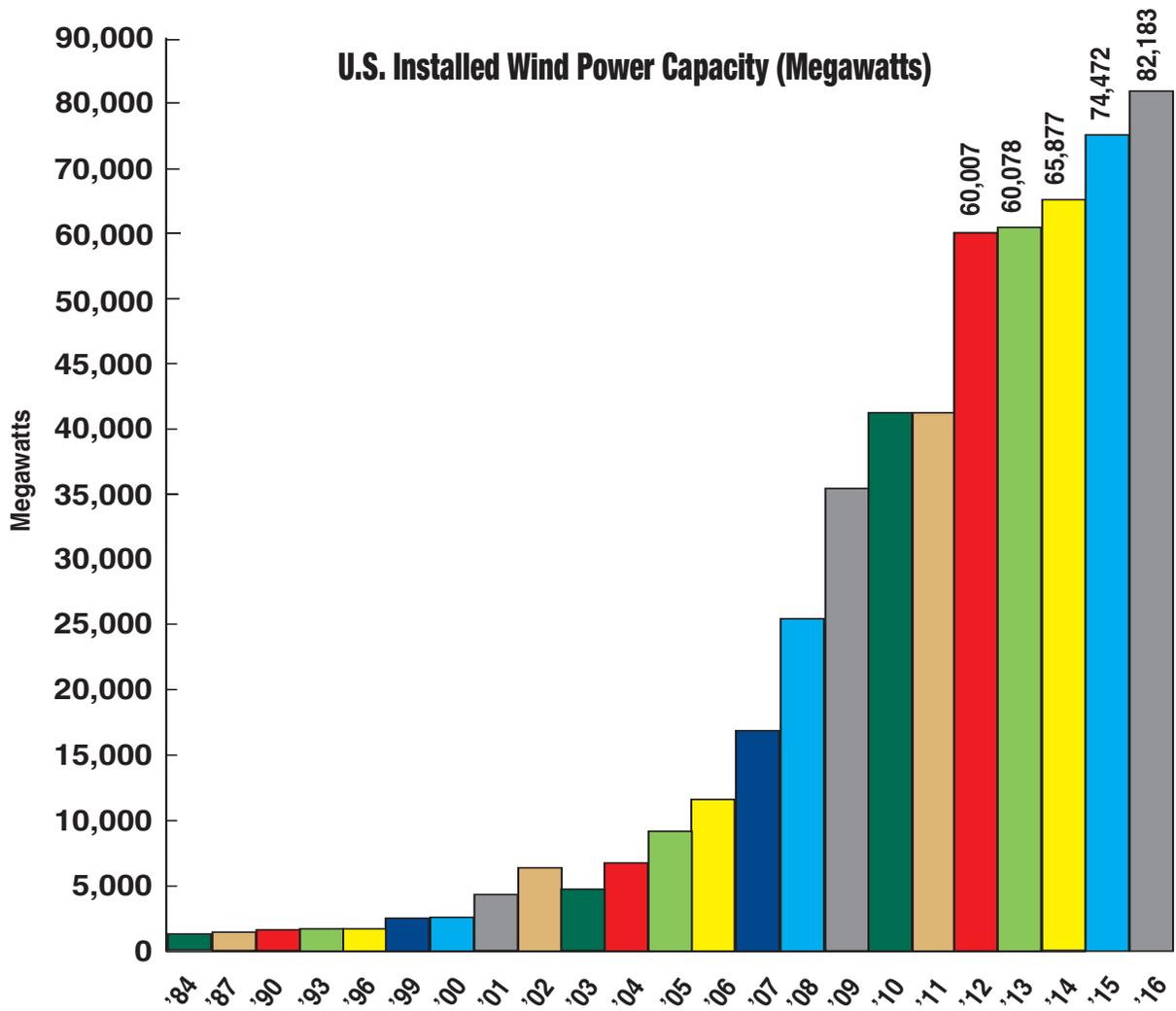
- As of January 2017, Illinois ranked third in the U.S. for ethanol production capacity.
- In 2016, ethanol production helped support 339,176 jobs and added \$42 billion dollars to the nation's Gross Domestic Product. This economic impact and job creation helped raise individual household incomes by \$23 billion dollars.
- In 2016, the use of ethanol in gasoline reduced CO₂-equivalent greenhouse gas emissions from the transportation sector by 43.5 million metric tons. That's the equivalent to removing 9.3 million cars from the road for an entire year.
- There are now 213 bio-refineries in 28 states with an annual production capacity of 15.9 billion gallons.

Source: Renewable Fuels Association, 2017 Annual Industry Outlook:
 Building Partnerships/Growing Markets

Wind Power



- In 2016, wind energy provided 5.9% of all Illinois in-state electricity production. That is the equivalent of powering 1.0 million homes.
- In 2016, Illinois ranked sixth in overall installed wind capacity in the U.S.
- In 2016, Illinois had 35 facilities producing products for the wind industry.
- In 2016, Illinois had 2,440 wind turbines online.
- In 2016, a total of 82,183 mw of wind capacity were operational in the U.S.

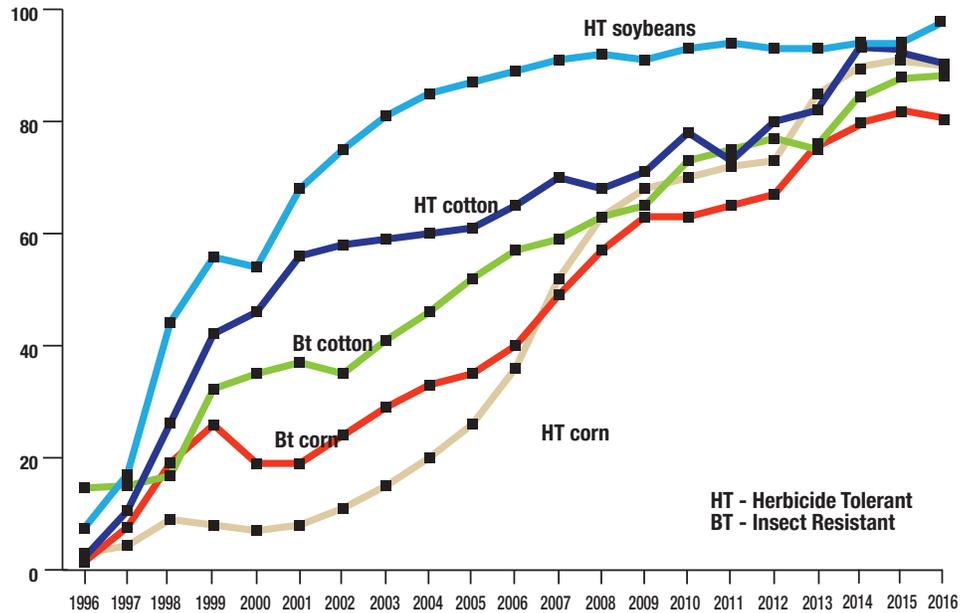


Source: American Wind Energy Association,
U.S. Wind Industry Fourth Quarter 2016 Market Report
Illinois Wind Energy State Fact Sheet

Biotech Crop Adoption

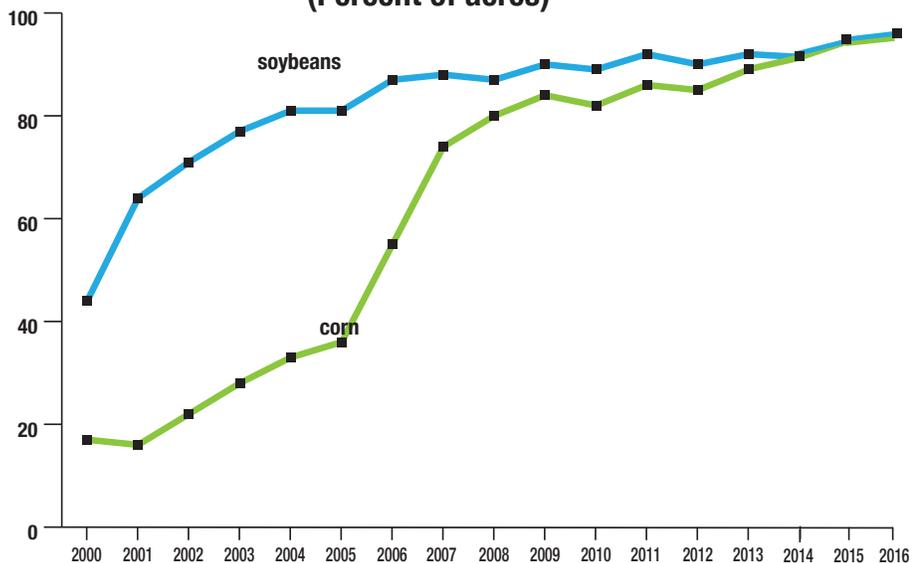


**Adoption of genetically engineered crops in the U.S.
(Percent of acres)**



Source: USDA/ERS, Adoption of Genetically Engineered Crops in the U.S., 1996-2016

**Adoption of genetically engineered crops in Illinois
(Percent of acres)**

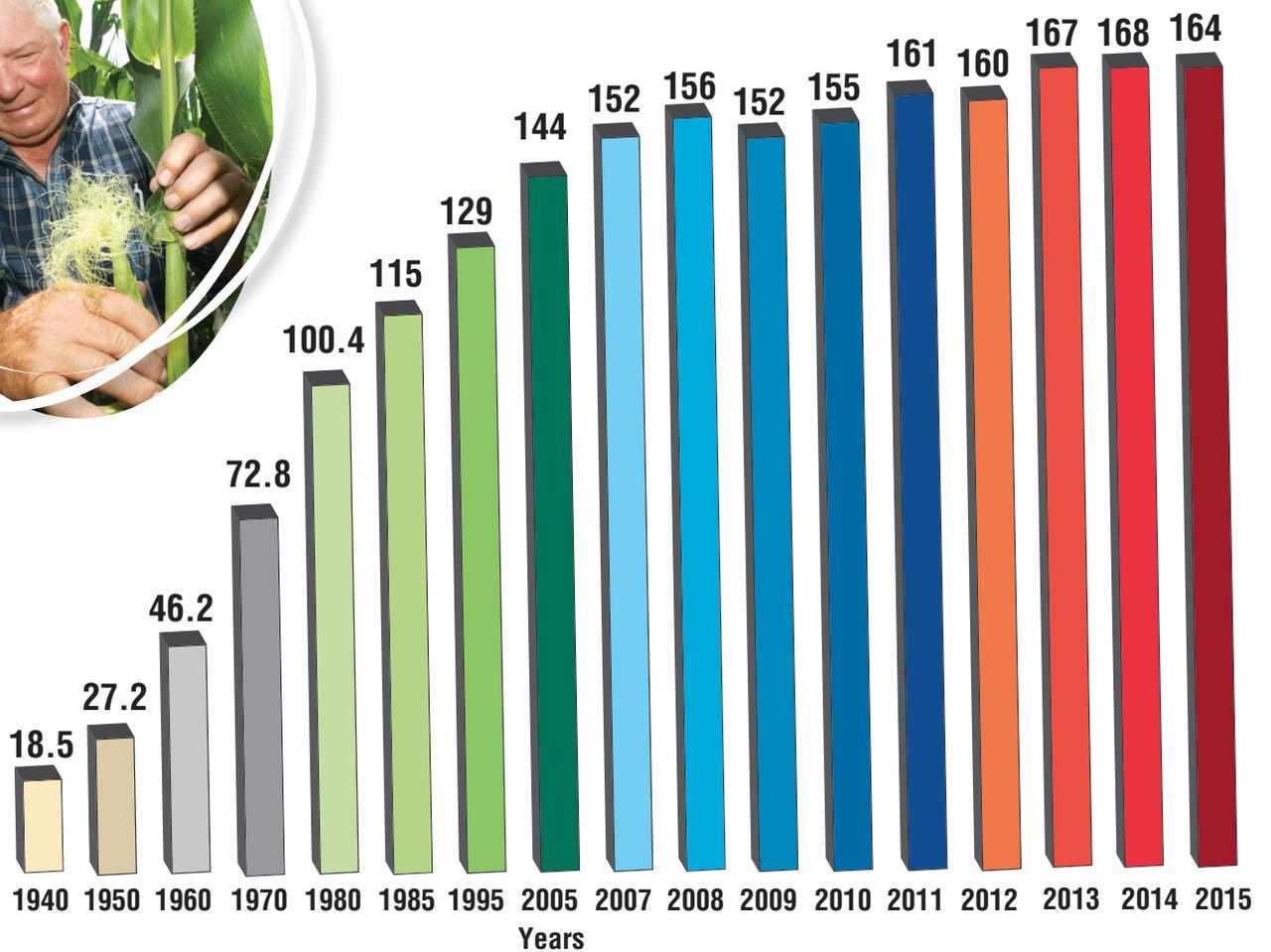


Source: USDA/ERS, Genetically Engineered Varieties of Corn, Cotton, and Soybeans by State, 2000-2016

Food *in the* United States



Persons Fed Per Farmer



Source: USDA and Illinois Farm Bureau

Food Dollar Series



The food dollar series is composed of three primary series, each of which provides a different way of slicing the same food dollar to provide a variety of perspectives.

2015 Food dollar: Industry Group (nominal)*



The Industry group series identifies the contribution from 10 distinct industry groups to the final food dollar.

2015 Food dollar: Marketing Bill (nominal)*



The marketing bill series identifies the distribution of the food dollar between farm and marketing shares.

2015 Food dollar: Primary Factors (nominal)*



The primary factor series identifies the distribution of the food dollar in terms of U.S. worker salaries and benefits, rents to food industry property owners, taxes, and imports.

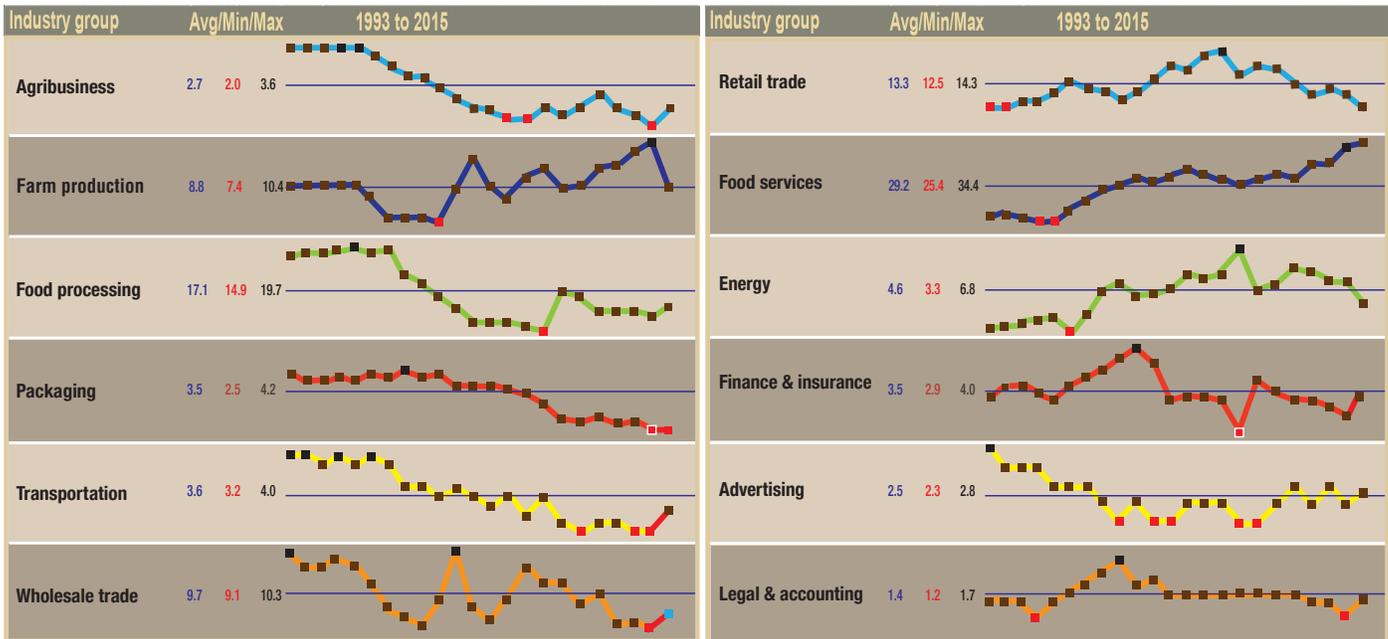
*Nominal Value: The dollar value of products/services purchased, based on prevailing prices at the time of purchase.

Source: USDA/ERS Food Dollar Series App

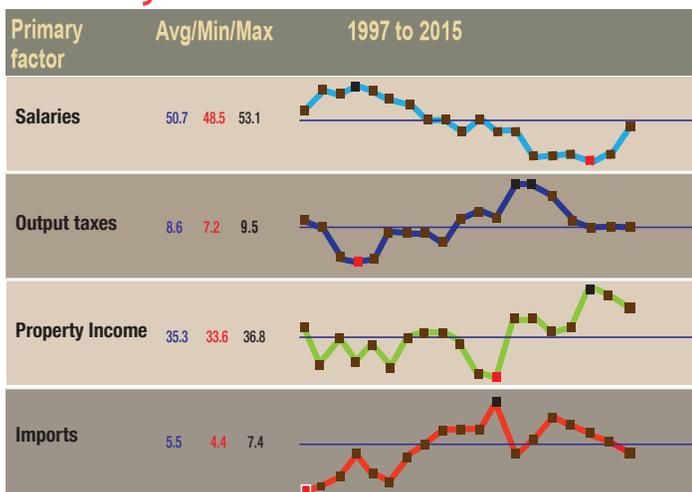
Food Dollar Distribution over Time



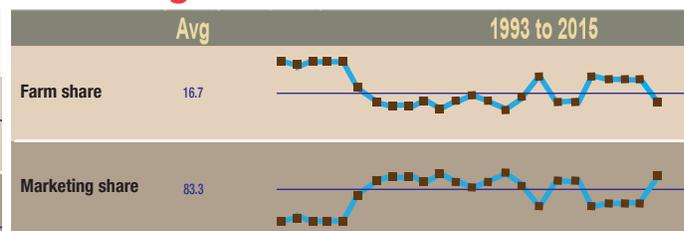
Industry Group Food Dollar 1993-2015



Primary Factors Food Dollar 1993-2015

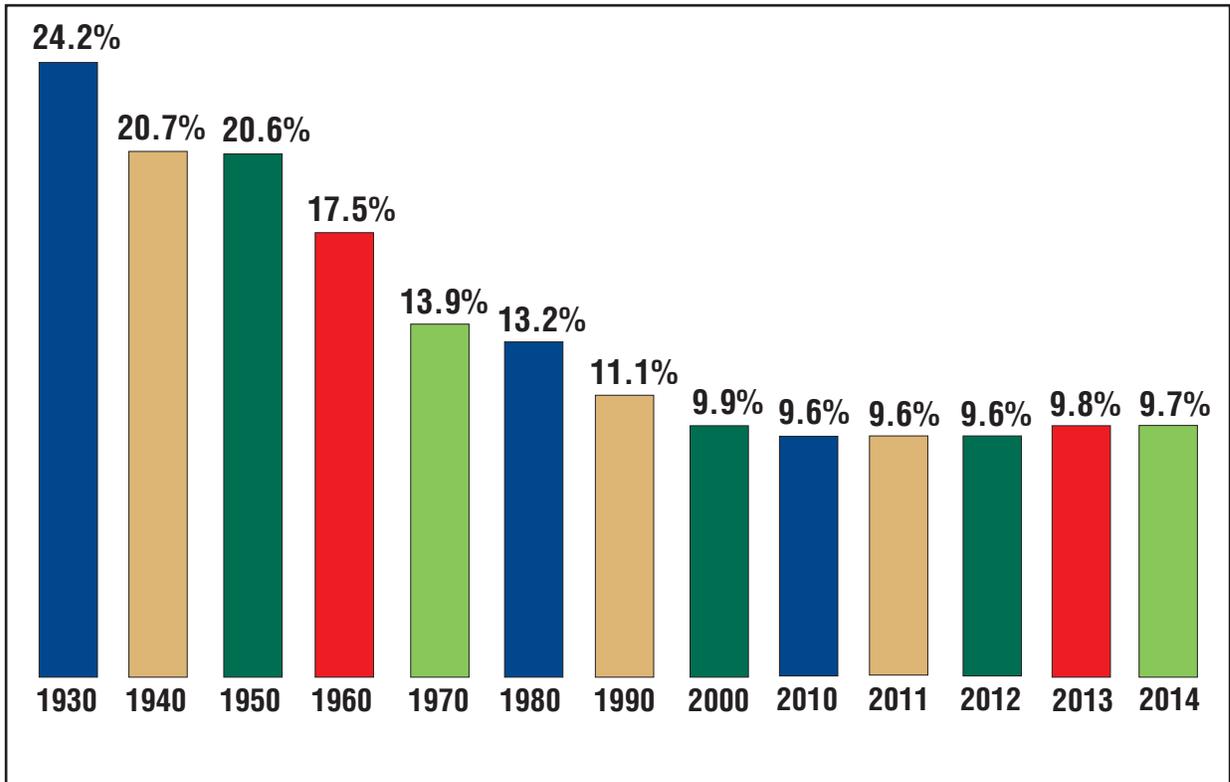


Marketing Bill Food Dollar 1993-2015



Source: USDA/ERS Food Dollar Series App

Percent of Income* Spent on Food in the U.S.



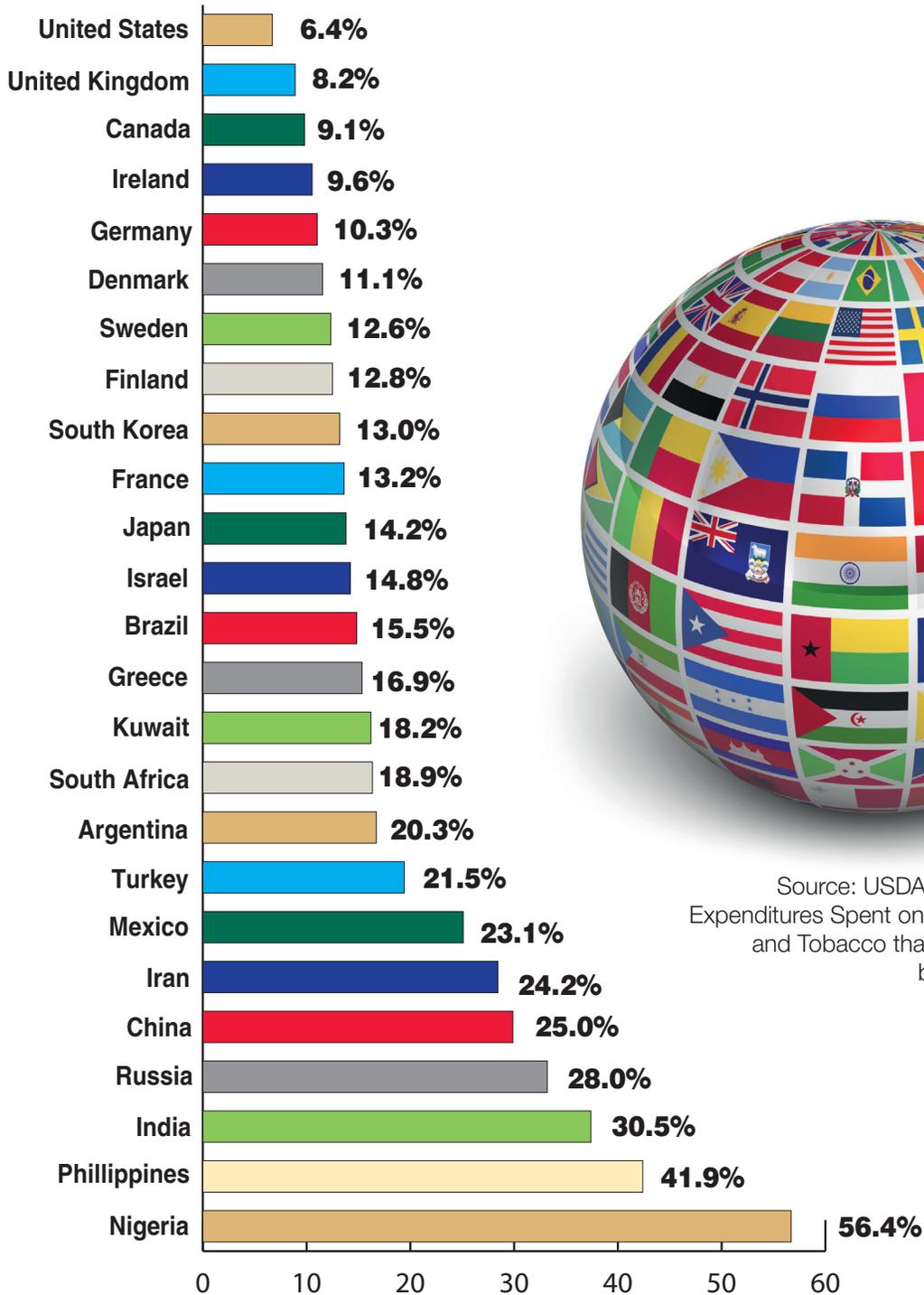
*disposable personal income

Source: USDA/ERS, Food Expenditures by Families and Individuals as a Share of Disposable Personal Income, 2016



What Other Countries Spent on Food in 2015

Percent of personal consumption expenditures spent on food consumed at home



Source: USDA/ERS, Percent of Consumer Expenditures Spent on Food, Alcoholic Beverages, and Tobacco that were Consumed at Home, by Selected Countries, 2016

Leading Markets for U.S. Agricultural Exports

January-December 2016 & 2012



Destination	2016		2012	
	Value (\$1,000)	Rank	Value (\$1,000)	Rank
CHINA	21,412,232	1	25,859,457	1
CANADA	20,242,257	2	20,626,896	2
MEXICO	17,849,831	3	18,891,975	3
JAPAN	11,060,341	4	13,503,154	4
KOREA, SOUTH	6,201,549	5	6,030,820	5
HONG KONG	3,834,174	6	3,412,858	6
TAIWAN	3,238,736	7	3,210,422	7
INDONESIA	2,690,697	8	2,497,040	8
VIETNAM	2,670,498	9	1,653,282	16
NETHERLANDS	2,667,393	10	1,701,166	13
PHILIPPINES	2,565,717	11	2,377,430	9
COLUMBIA	2,377,283	12	1,100,053	22
UNITED KINGDOM	1,906,175	13	1,505,535	17
GERMANY	1,642,516	14	2,096,154	10
THAILAND	1,603,923	15	1,488,030	18
SPAIN	1,480,107	16	1,256,120	20
SAUDI ARABIA	1,416,541	17	1,186,857	21
TURKEY	1,369,705	18	1,991,901	11
AUSTRALIA	1,292,331	19	1,259,436	19
INDIA	1,273,688	20	882,155	28
DOMINICAN REPUBLIC	1,175,129	21	1,054,441	24
UNITED ARAB EMIRATES	1,153,483	22	1,026,489	25
PERU	1,146,823	23	546,947	37
GUATEMALA	1,081,375	24	973,650	26
ITALY	916,155	25	755,890	29

Source: USDA Foreign Ag Service Global Agricultural Trade System

U.S. Agricultural trade Boosts Overall Economy in 2015

- Each farm export dollar earned stimulated another \$1.27 in business activity
- The \$133.1 billion of agricultural exports in 2015 produced an additional \$169.4 billion in economic activity for a total economic output of \$302.5 billion
- Agricultural exports generated 1,067,000 full-time civilian jobs, including 751,000 jobs in the nonfarm sector

Source: USDA/ERS, Effects of Trade on the U.S. Economy, January 2017

Per Capita Availability* of Major Food Commodities

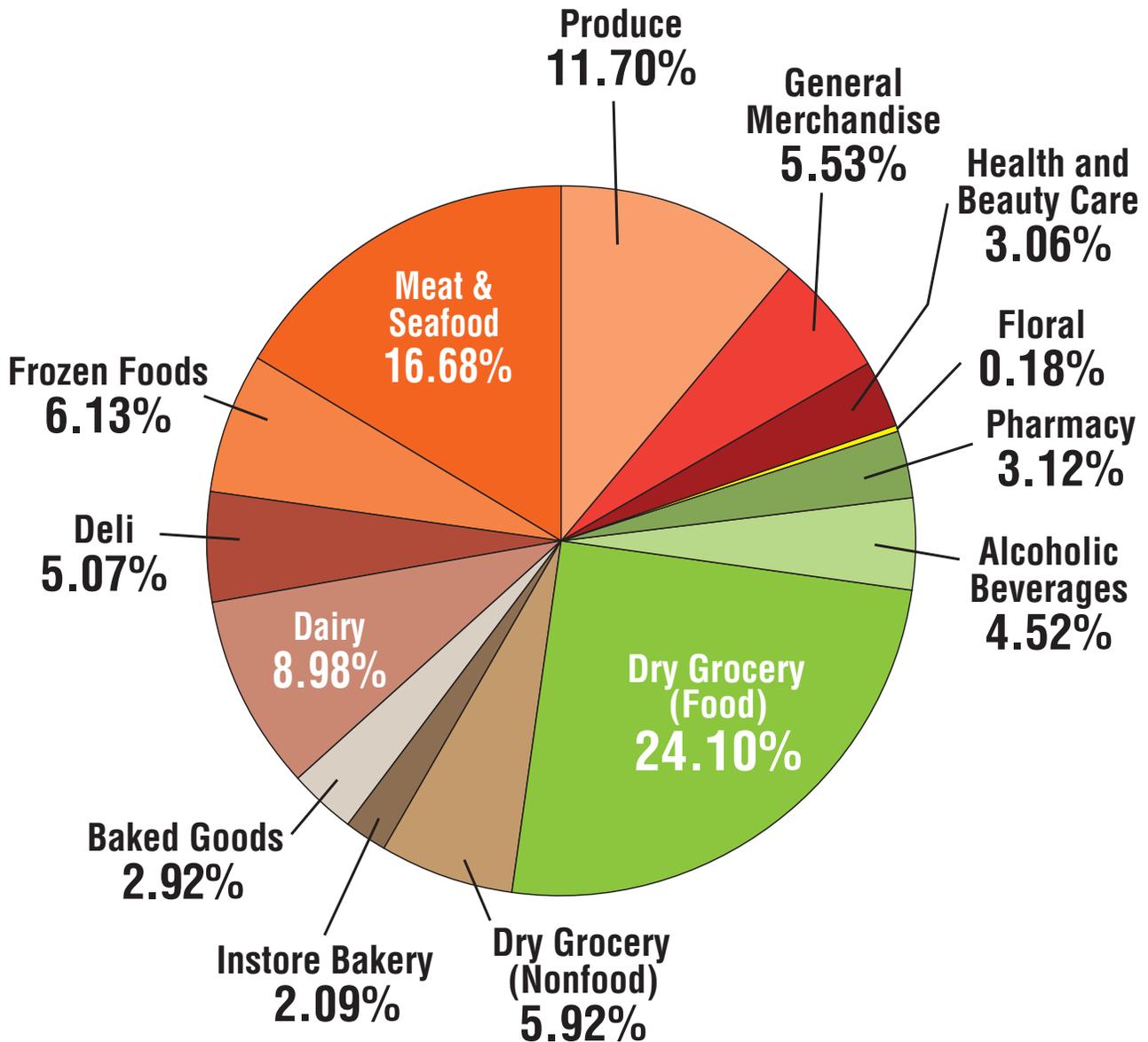
	2014 Lbs. per year
Beef	53.90
Pork	45.80
Chicken	83.70
Fish and shellfish	14.50
Eggs	34.30
Cheese	33.90
Fluid milk and cream	178.20
Frozen dairy products	21.90
Cottage cheese	2.10
Butter	5.50
Peaches and nectarines	6.65
Melons	22.12
Apples	45.87
Bananas	27.90
Berries	13.29
Grapes	19.28
Citrus	88.64
Potatoes	112.10
Bell peppers	10.70
Tomatoes	87.80
Lettuce	25.30
Celery	5.50
Carrots	10.40
Broccoli	9.20
Sweet corn	21.10
Peanuts (consumed in products)	6.96
Tree nuts	4.25
Wheat flour	134.70
Corn flour, meal and starch	34.00
Oat products	4.50
Corn sweeteners	60.70
Cane and beet sugar	68.30
Honey	1.20



*Food Availability Data System does not measure actual food consumption or the quantities ingested. In other words, the data serves as an indirect measure of trends in food use.

Source: USDA/ERS, Food Availability (Per Capita) Data System

Consumer Expenditures at the Supermarket 2015



Source: Progressive Grocer, July 2016
"69th Annual Consumer Expenditures Study"

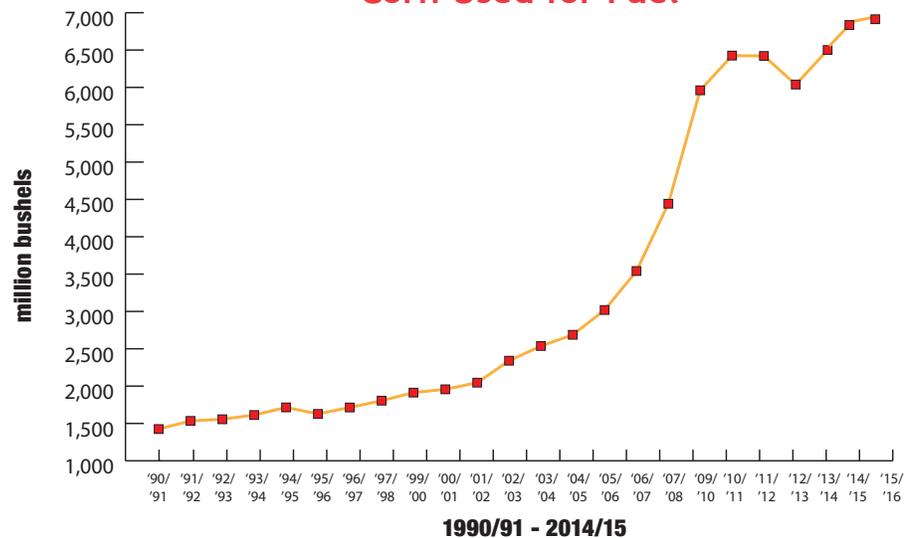
CORN

Food, Seed, and Industrial Use



Marketing Year (Sept. - Aug.)	High Fructose Corn Syrup	Glucose and Dextrose	Starch	- Alcohol - Fuel	- Beverage	Cereals & other Products	Seed	Total
Million Bushels								
1990/91	379	200	219	349	135	124	19	1,425
1991/92	392	210	225	398	161	128	20	1,534
1992/93	415	214	218	426	136	129	19	1,556
1993/94	441	219	225	458	110	140	20	1,613
1994/95	459	224	230	533	100	150	18	1,715
1995/96	473	227	226	396	125	161	20	1,628
1996/97	492	233	238	429	130	172	20	1,714
1997/98	513	229	246	481	133	182	20	1,805
1999/00	540	222	251	566	130	185	20	1,913
2000/01	530	218	247	628	130	185	19	1,957
2001/02	541	217	246	706	131	186	20	2,046
2002/03	532	219	256	996	131	187	20	2,340
2003/04	530	228	271	1,168	132	187	21	2,537
2004/05	521	222	279	1,323	133	189	21	2,687
2005/06	545	245	280	1,603	135	190	20	3,019
2006/07	535	259	276	2,119	136	190	24	3,541
2007/08	522	256	265	3,049	135	192	22	4,442
2009/10	512	257	250	4,591	134	194	22	5,961
2010/11	521	272	258	5,019	135	197	23	6,426
2011/12	513	294	254	5,000	137	198	25	6,421
2012/13	491	292	249	4,641	140	199	25	6,037
2013/14	477	308	219	5,124	141	201	23	6,493
2014/15	479	302	247	5,200	142	201	29	6,601
2015/16	478	324	244	5,224	143	203	31	6,646

Corn Used for Fuel



Source: USDA/ERS, Feed Grains: Yearbook Tables



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