

Rank in U.S. agriculture by selected commodities, 2000

Rank	Item	Unit	Quantity	Percent of U.S.	Leading state
			<i>Thousands</i>	<i>Percent</i>	
1	Beans, dry, black	Cwt	840	62.6	Michigan
	Beans, dry, cranberry	Cwt	380	84.1	Michigan
	Beans, dry, light red kidney	Cwt	285	21.0	Michigan
	Beans, dry, navy	Cwt	1,800	37.7	Michigan
	Blueberries	Pounds	62,000	33.4	Michigan
	Cherries, tart	Pounds	200,000	69.3	Michigan
	Cucumbers (processing)	Tons	180	29.4	Michigan
	Flowering hanging baskets	Number	3,457	10.0	Michigan
	Geraniums (seed and cuttings)	Pots	22,383	20.9	Michigan
	Grapes, Niagara	Tons	19.1	36.4	Michigan
	Hosta	Pots	3,156	26.8	Michigan
	Impatiens	Flats	2,403	15.9	Michigan
	Marigolds	Flats	784	17.6	Michigan
	Other potted perennials	Pots	19,356	15.2	Michigan
Petunias	Flats	1,502	13.3	Michigan	
2	Beans, dry, all	Cwt	4,125	15.6	North Dakota
	Beans, dry, dark red kidney	Cwt	182	17.9	Minnesota
	Beans, dry, small red	Cwt	113	36.1	Idaho
	Celery	Cwt	950	5.4	California
3	Apples	Pounds	850,000	8.1	Washington
	Asparagus	Cwt	283	12.5	California
	Beans, snap (processing)	Tons	92	11.0	Wisconsin
	Carrots (fresh market)	Cwt	1,260	3.9	California
	Grapes, Concord	Tons	64.5	16.5	Washington
	Radishes	Cwt	175	14.3	Florida
Vegetable type bedding plants	Number	720	6.7	California	
4	Carrots (processing)	Tons	35	6.7	Washington
	Cucumbers (fresh market)	Cwt	1,340	11.6	Florida
	Cherries, sweet	Tons	19.6	9.5	California
	Grapes, all	Tons	87.2	1.1	California
	Plums	Tons	3.6	1.5	California
	Sugarbeets	Tons	3,403	10.5	Minnesota
	Tomatoes (processing)	Tons	84.0	0.8	California
5	Pumpkins	Cwt	704	7.9	Illinois
6	Squash	Cwt	610	7.0	Georgia
7	Maple syrup	Gallons	44	3.6	Vermont
	Mushrooms	Pounds	11,637	1.4	Pennsylvania
8	Milk	Pounds	5,705,000	3.4	California
10	Potatoes	Cwt	14,963	2.9	Idaho
	Soybeans	Bushels	74,880	2.7	Illinois
11	Corn, for grain	Bushels	244,280	2.4	Iowa
13	Hogs, as of Dec. 1	Head	950	1.6	Iowa
14	Eggs	Number	1,621,000	1.9	Ohio
15	Wheat, winter	Bushels	36,000	2.3	Kansas
17	Hay, all	Tons	4,330	2.8	Texas
22	Cash receipts	Dollars	3,474,924	1.8	California
31	Cattle, as of Jan. 1	Head	980	1.0	Texas

Farm numbers: Acreage and value of farm real estate, 1997-2001 ¹

Year	Number farms	Average size per farm	Total land in farms	Farm real estate average value per acre	Cropland average value per acre	Average cash rent per acre
	<i>1,000 farms</i>	<i>Acres</i>	<i>1,000 acres</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1997	53	196	10,400	1,530	1,360	57.30
1998	52	200	10,400	1,670	1,480	60.00
1999	53	196	10,400	1,850	1,670	60.00
2000	52	200	10,400	2,150	2,000	60.00
2001				2,250	2,100	60.00

¹ USDA estimates of farm number and land in farms are based on the definition "a farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year."

Number of farms and land in farms by economic sales class, 1996-2000

Year	Economic sales class			Total
	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000 and over	
	<i>1,000 farms</i>	<i>1,000 farms</i>	<i>1,000 farms</i>	<i>1,000 farms</i>
1996	29.8	17.0	7.2	54.0
1997	28.5	17.0	7.5	53.0
1998	27.0	17.0	8.0	52.0
1999	28.5	16.5	8.0	53.0
2000	27.5	16.5	8.0	52.0
	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>
1996	2.2	3.1	5.3	10.6
1997	2.0	2.9	5.5	10.4
1998	1.9	2.8	5.7	10.4
1999	1.9	2.8	5.7	10.4
2000	1.9	2.8	5.7	10.4

Farm Income

Net farm income in 2000 fell 55 percent to \$305 million. That was despite \$381 million of government payments. The total agriculture output was \$3.85 billion dollars, down 5 percent from 1999. Production expenses were \$3.92 billion in 2000, up 4 percent from the previous year.

Preliminary cash receipts from 2000 marketings of Michigan crops, livestock and livestock products totaled \$3.47 billion, virtually unchanged from 1999. Michigan ranked 22nd nationally in total cash receipts.

Crop receipts, \$2.14 billion, were nearly unchanged from

1999. A large decline in the market value of dry beans was offset by increases in corn and soybean marketings. Livestock cash receipts were up .5 percent from a year earlier to \$1.34 billion. Increases in the value of sales of meat animals and poultry more than offset declines in milk receipts.

In 2000, the top ten Michigan commodities ranked by cash receipts were: milk, soybeans, corn, cattle and calves, hogs, annual bedding plants, woody ornamentals, sugar beets, potatoes, and apples.

Government payments, 1996-2000 ¹

Program	1996	1997	1998	1999	2000
	<i>1,000 dollars</i>				
Conservation programs	22,963	20,854	17,488	16,893	16,842
Production flexibility contract payments	NA	NA	100,556	87,116	87,564
Loan deficiency payments	NA	NA	38,577	131,482	112,565
Miscellaneous programs	² 86,622	² 100,433	³ 51,755	10,569	17,713
Supplemental Funding	NA	NA	NA	⁴ 143,076	146,372
Total	109,585	121,287	208,077	389,099	381,056

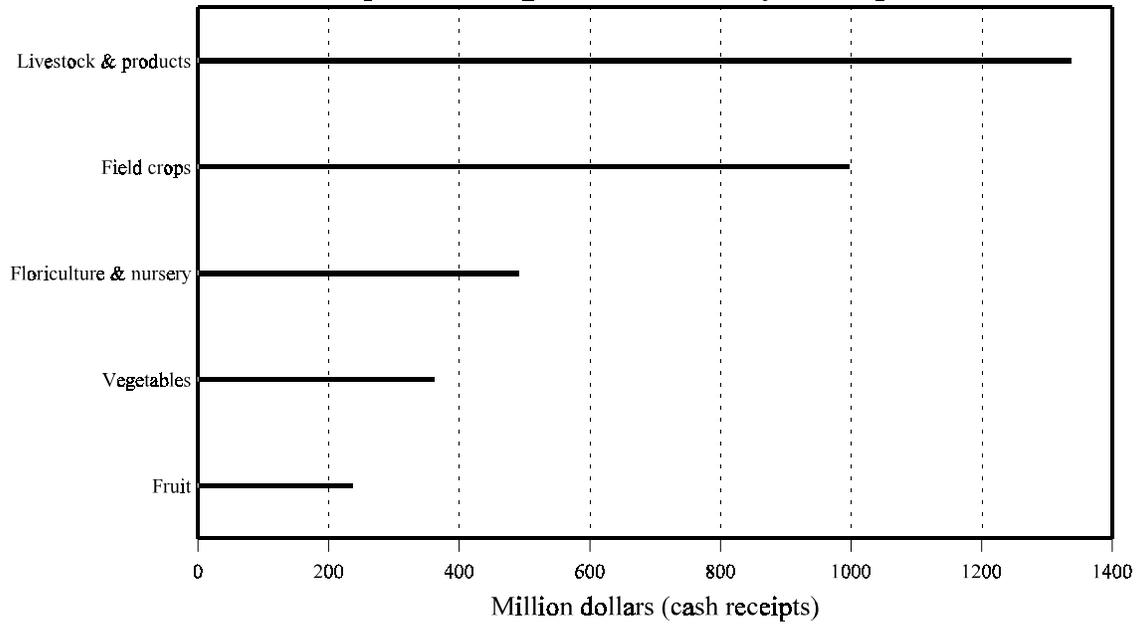
¹ Source: U.S. Department of Agriculture, Economic Research Service

² Programs included are CAT, Disaster, Loan Deficiency, NAP, and Production Flexibility, and repayments by farmers.

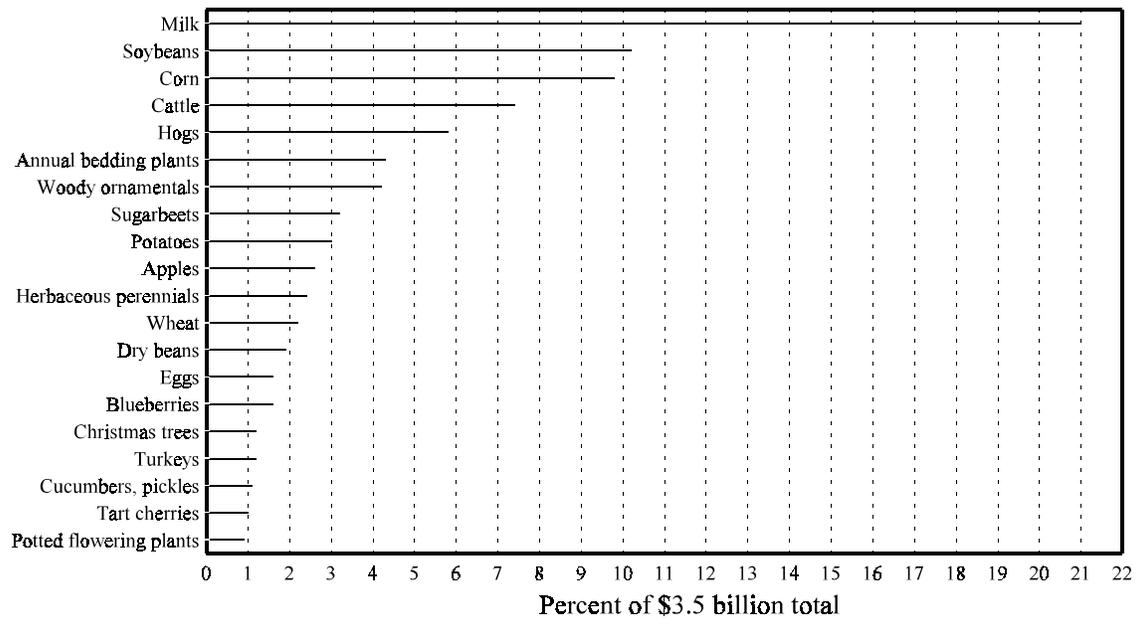
³ No longer includes Loan Deficiency and Production Flexibility payments.

⁴ Provided by the Omnibus Supplemental Appropriations, Act of 1999 & Emergency Assistance Provisions of Agriculture Appropriation 2000.

Major Michigan Commodity Groups, 2000



Top 20 Commodities in Cash Receipts



Value added to the economy by the Michigan agricultural sector 1996-2000 ¹

Item ²	1996	1997	1998	1999	2000
	<i>Million dollars</i>				
Final crop output	2,042.4	2,373.4	2,137.5	2,275.0	2,080.1
Food grains	95.2	104.5	67.7	71.6	76.5
Feed crops	508.7	494.3	418.5	370.3	377.4
Oil crops	320.6	406.4	412.9	317.1	354.0
Fruits and tree nuts	224.5	240.1	217.2	243.2	235.6
Vegetables	442.3	380.3	429.3	452.0	429.0
All other crops	560.0	633.2	637.3	684.6	667.1
Home consumption	3.6	3.6	3.6	3.8	3.6
Value of inventory adjustment ³	-112.5	110.9	-49.0	132.4	-63.2
Final animal output	1,441.2	1,320.6	1,335.1	1,299.0	1,318.0
Meat animals	459.4	451.7	338.2	387.9	460.0
Dairy products	807.5	732.1	814.0	801.4	729.5
Poultry and eggs	150.5	133.6	119.2	90.9	98.7
Miscellaneous livestock	49.1	47.4	48.6	47.6	47.1
Home consumption	9.9	9.9	9.3	9.7	10.8
Value of inventory adjustment ³	-35.1	-54.1	5.8	-38.5	-28.1
Services and forestry	395.9	435.3	437.5	483.8	447.7
Machine hire and custom work	45.8	34.9	49.7	37.9	30.0
Forest products sold	10.0	10.0	10.0	10.0	10.0
Other farm income	71.0	96.2	88.4	92.6	92.8
Gross imputed rental value-farm dwellings	269.1	294.2	289.4	343.4	314.8
Final agricultural sector output	3,879.5	4,129.3	3,910.1	4,057.9	3,845.7
less: Intermediate consumption outlays	2,073.5	2,317.5	2,213.0	2,180.4	2,253.4
Farm origin	613.2	690.3	657.4	621.0	651.3
Feed purchased	381.9	423.0	373.8	327.6	340.6
Livestock and poultry purchased	38.2	41.0	39.2	44.0	50.0
Seed purchased	193.1	226.3	244.4	249.4	260.7
Manufactured inputs	652.4	714.3	663.9	635.7	686.8
Fertilizers and lime	251.2	281.6	249.9	235.2	243.6
Pesticides	206.2	228.7	228.7	217.9	225.1
Petroleum fuel and oils	138.6	145.5	128.7	124.3	160.2
Electricity	56.3	58.5	56.6	58.3	58.0
Other intermediate expenses	807.9	912.9	891.7	923.6	915.3
Repair and maintenance of capital items	291.8	302.7	308.2	300.2	277.9
Machine hire and custom work	58.5	68.3	77.5	72.5	75.6
Marketing, storage, and transportation ex	107.3	116.8	93.1	113.8	126.8
Contract labor	12.2	15.3	21.8	16.1	14.1
Miscellaneous expenses	338.2	409.7	391.1	421.1	420.8
plus: Net government transactions	-109.8	-106.6	1.3	207.7	180.0
plus: Direct Government payments	109.6	121.3	210.6	401.4	381.1
less: Motor vehicle registration and licensing	8.1	11.8	10.5	9.3	8.6
less: Property taxes	211.3	216.0	198.8	184.4	192.4
Gross value added	1,696.2	1,705.3	1,698.4	2,085.2	1,772.3
less: Capital consumption	532.9	536.4	545.7	573.5	587.9
Net value added	1,163.3	1,168.9	1,152.7	1,511.7	1,184.4
less: Factor payments	753.0	779.1	842.5	834.9	879.7
Employee compensation (total hired labor)	464.8	477.1	514.5	499.8	551.6
Net rent received by nonoperator landlords	44.7	52.4	73.6	82.3	67.7
Real estate and nonreal estate interest	243.4	249.5	254.4	252.8	260.3
Net farm income	410.3	389.9	310.3	676.8	304.7

¹ Source: U.S. Department of Agriculture, Economic Research Service.

² Final sector output is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of-production. Net farm income is the farm operator's share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

³ A positive value of inventory change represents current-year production not sold by December 1. A negative value is an offset to production from prior years included in current-year sales.

Cash receipts by commodity groups and selected commodities 1996-2000 ¹

Item	1996	1997	1998	1999	2000
	<i>1,000 dollars</i>				
Total cash receipts	3,617,792	3,623,781	3,502,942	3,466,774	3,474,924
Total livestock and products	1,466,485	1,364,858	1,320,034	1,327,854	1,335,296
Meat animals	459,383	451,673	338,236	387,878	460,002
Cattle and calves	238,674	230,906	196,656	235,829	257,320
Hogs	215,629	213,722	138,347	149,937	200,485
Sheep and lambs	5,079	5,578	3,233	2,111	2,197
Dairy (milk)	807,489	732,135	813,960	801,420	729,495
Poultry and eggs	150,481	133,647	119,233	90,914	98,739
Eggs	68,426	61,927	57,639	53,655	56,739
Turkeys				35,092	40,460
Other	82,055	71,720	61,594	2,167	1,540
Miscellaneous livestock	49,132	47,403	48,605	47,642	47,060
Honey	8,726	4,582	4,488	4,095	3,240
Mink pelts	2,767	2,012	1,854	1,339	1,719
Trout	2,058	1,486	1,151	1,113	1,037
Other	35,581	39,323	41,112	41,095	41,064
Total crops	2,151,307	2,258,923	2,182,908	2,138,920	2,139,628
Field crops	1,136,997	1,216,381	1,111,020	1,019,410	995,884
Corn	458,202	429,042	380,769	329,713	340,612
Dry beans	123,955	85,489	101,836	135,567	67,302
Hay	43,734	59,659	32,468	35,272	32,127
Soybeans	319,930	405,792	412,416	316,754	353,687
Sugarbeets	81,661	117,040	101,586	115,915	111,618
Wheat	94,858	104,098	67,330	70,918	75,700
Other	14,657	15,261	14,615	15,271	14,838
Vegetables	318,341	294,861	327,465	316,472	361,668
Asparagus	20,110	17,792	17,320	18,822	18,075
Beans, snap	13,657	15,597	21,659	19,493	16,778
Carrots	17,736	18,903	19,281	16,717	19,292
Celery	13,294	14,358	13,327	11,005	12,369
Corn, sweet	17,229	17,408	12,900	13,282	13,430
Cucumbers, fresh	16,720	18,048	21,366	22,506	25,192
Cucumbers, pickles	21,497	20,550	21,970	26,076	38,700
Onions	15,775	11,170	10,077	8,951	7,644
Peppers, green, fresh	7,360	7,817	8,640	9,600	10,395
Potatoes	94,642	69,505	82,603	82,258	105,562
Pumpkins					26,752
Squash					9,333
Tomatoes, fresh	10,454	9,680	18,596	16,549	18,115
Tomatoes, processing	10,539	9,771	7,560	7,308	6,804
Other	59,328	64,262	72,166	63,905	33,227
Fruit	224,531	240,134	217,243	243,232	235,609
Apples	109,002	92,192	93,808	95,406	88,618
Blueberries	36,330	50,042	30,260	54,660	55,140
Grapes	13,555	17,873	19,820	21,083	24,156
Peaches	10,250	14,450	11,546	5,440	11,340
Strawberries	4,512	7,411	7,089	6,412	6,712
Sweet cherries	15,607	19,986	18,551	14,149	9,520
Tart cherries	31,202	34,380	32,162	42,134	36,370
Other	4,073	3,800	4,007	3,948	3,753
Miscellaneous crops	66,186	66,165	68,735	67,866	65,815
Floriculture and nursery	415,253	451,384	468,444	501,939	490,652

¹ Source: U.S. Department of Agriculture, Economic Research Service.

Crops: Marketing year average prices received by farmers, 1996-2000 ¹

Year	Corn per bushel	Winter wheat per bushel	Oats per bushel	Soybeans per bushel	Dry beans per cwt	Navy beans per cwt	Fall potatoes per cwt	All hay per ton	Alfalfa hay per ton
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1996	2.66	3.91	2.41	7.15	21.70	NA	5.80	106.00	108.00
1997	2.40	3.26	1.86	6.47	18.90	NA	6.45	86.00	103.00
1998	1.90	2.33	1.42	4.99	21.60	NA	6.70	89.00	90.00
1999	1.78	2.12	1.35	4.61	16.80	NA	6.80	69.00	72.00
2000	1.90	2.10	1.20	4.75	13.90	NA	6.85	62.00	64.50

¹ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings during specific periods. Prices do not include allowance for CCC loans outstanding, purchases by the government, or deficiency payments.

Crops: Monthly prices received by farmers, 1999-2000

Year	Corn per bushel	Winter wheat per bushel	Oats per bushel	Soybeans per bushel	Dry beans per cwt	Navy beans per cwt	Fall potatoes per cwt	All hay per ton	Alfalfa hay per ton
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1999									
June								62.00	65.00
July		2.01	1.38				6.60	54.00	55.00
August		2.14	1.24				5.75	61.00	65.00
September		2.24	1.31	4.58	19.00	19.80	5.60	68.00	70.00
October	1.72	2.23	1.35	4.50	18.00	18.00	5.95	78.00	80.00
November	1.68	1.83	1.20	4.40	15.00	15.80	6.20	64.00	65.00
December	1.70	2.04	1.58	4.42	15.90	13.80	6.75	81.00	85.00
2000									
January	1.85	2.20	1.50	4.63	15.00	16.00	6.90	77.00	80.00
February	1.95	2.24	1.42	4.78	14.60	13.00	7.20	72.00	75.00
March	2.08	2.41	1.42	4.88	13.70	12.00	7.35	67.00	70.00
April	2.03	2.08	1.42	5.09	15.00	18.40	7.80	72.00	75.00
May	2.08	2.20	1.60	5.21	14.20	11.20	8.35	74.00	80.00
June	1.91	2.00	1.44	4.96	11.80	12.20	8.50		
July	1.76			4.68	12.00	11.00			
August	1.51			4.50	11.00	10.80			
September	1.59								
2000									
June								58.00	60.00
July		1.93	1.33				8.60	57.00	60.00
August		1.86	1.13				6.95	57.00	60.00
September		2.00	1.15	4.75	13.70	12.20	5.95	63.00	65.00
October	1.74	2.14	1.35	4.50	15.10	13.10	5.95	63.00	65.00
November	1.86	2.01	1.54	4.55	13.70	12.10	6.35	73.00	75.00
December	1.88	2.02	1.36	4.73	13.00	11.70	6.55	63.00	65.00
2001									
January	2.04	2.62	1.47	4.67	12.50	11.00	6.85	59.00	60.00
February	1.96	2.49	1.42	4.45	12.80	11.00	7.20	64.00	65.00
March	1.95	2.44	1.62	4.42	13.10	12.30	7.60	69.00	70.00
April	1.90	2.36	1.29	4.29	11.90	11.20	8.25	64.00	65.00
May	1.86	2.37	1.49	4.39	12.60	11.60	8.50	63.00	65.00
June	1.75	1.96	1.47	4.43	13.90	12.20	8.50		
July ¹	1.90			5.00	14.50	12.00			
August									
September									

¹ Preliminary prices.

Livestock and products: Marketing year average prices received by farmers, 1996-2000

Marketing year	All hogs per cwt	Beef cattle per cwt ¹	Cows per cwt ²	Steers and heifers per cwt	Milk cows per head ³	Calves per cwt	Market eggs per dozen	All milk wholesale per cwt	Turkeys per pound ⁴
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1996	51.40	49.80	31.50	54.60	1,100	51.60	0.623	15.00	
1997	53.10	50.80	35.80	60.60	1,090	54.00	0.560	13.60	
1998	33.90	47.70	34.40	55.40	1,130	51.70	0.496	15.30	
1999	29.80	50.50	35.30	58.70	1,310	68.90	0.420	14.80	0.41
2000	40.70	56.00	38.10	63.60	1,350	102.00	0.420	12.90	0.34

¹ Combined price for "Cows" and "Steers and Heifers."

² Beef cows and cull dairy cows sold for slaughter.

³ Sold for dairy herd replacement only. Prices published January, April, July, and October.

⁴ Data not available prior to 1999.

Livestock and products: Monthly prices received by farmers, 2000-2001

1999-2000 Marketing years	All hogs per cwt	Beef cattle per cwt ¹	Cows per cwt ²	Steers and heifers per cwt	Milk cows per head ³	Calves per cwt	Market eggs per dozen	All milk wholesale per cwt
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1999								
December	34.20						0.410	
2000								
January	37.10	54.20	36.00	62.00	1,290	86.00	0.380	12.80
February	39.40	55.50	38.00	63.00		89.00	0.505	12.60
March	40.60	58.20	40.50	65.80		97.00	0.310	12.50
April	45.90	58.40	40.50	66.00	1,400	108.00	0.470	12.60
May	46.00	58.40	40.50	66.00		120.00	0.290	13.00
June	45.40	57.80	41.00	65.00		115.00	0.410	12.90
July	44.90	56.50	40.00	63.50	1,350	105.00	0.370	13.20
August	41.30	54.30	37.50	61.50		100.00	0.490	13.10
September	40.70	55.00	37.50	62.50		107.00	0.390	13.20
October	40.70	54.00	36.50	61.50	1,370	103.00	0.460	12.90
November	35.40	55.20	37.00	63.00		95.00	0.550	12.70
December		55.20	35.00	63.80		90.00		13.20
2000								
December	38.10						0.710	
2001								
January	36.80	57.80	37.50	66.50	1,200	102.00	0.460	13.90
February	38.30	61.10	42.50	69.00		118.00	0.450	13.20
March	44.00	61.20	43.00	69.00		122.00	0.540	14.00
April	45.40	63.40	44.50	71.50	1,400	128.00	0.500	14.60
May	47.20	63.20	45.00	71.00		115.00	0.320	15.40
June	49.30	63.60	45.00	71.50		115.00	0.320	16.20
July ⁴	48.40	61.40	43.50	69.00	1,600	110.00	0.310	16.40
August								
September								
October								
November								
December								

¹ Combined price for "Cows" and "Steers and Heifers."

² Beef cows and cull dairy cows sold for slaughter.

³ Sold for dairy herd replacement only. Prices published January, April, July, and October.

⁴ Preliminary prices.

Farm Marketings

Dry edible beans: Percent of sales by month, 1995-2000

Month	1995-96	1996-97	1997-98	1998-99	1999-00
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
September	26	6	5	30	49
October	11	32	16	12	17
November	8	8	11	6	3
December	8	6	16	10	3
January	7	15	11	20	3
February	5	6	10	5	1
March	6	3	6	3	
April	5	6	6	4	3
May	10	3	5	7	2
June	7	7	5	1	3
July	4	5	5	1	5
August	3	3	4	1	11

Corn: Percent of sales by month, 1995-2000

Month	1995-96	1996-97	1997-98	1998-99	1999-00
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
October	18	5	5	16	20
November	19	22	20	14	19
December	13	12	19	14	8
January	20	15	16	12	15
February	10	9	9	6	4
March	6	6	7	8	7
April	7	5	5	3	4
May	3	3	5	4	4
June	1	5	4	5	4
July	1	6	3	5	4
August	1	6	3	9	6
September	1	6	4	4	5

Hay: Percent of sales by month, 1995-2000

Month	1995-96	1996-97	1997-98	1998-99	1999-00
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
June	12	11	13	13	17
July	9	9	13	13	10
August	6	6	9	9	9
September	3	3	6	6	3
October	6	6	6	6	7
November	4	4	12	5	8
December	7	7	12	6	14
January	8	8	8	7	10
February	14	14	6	11	9
March	15	15	7	11	6
April	12	12	5	9	5
May	4	5	3	4	2

Oats: Percent of sales by month, 1995-2000

Month	1995-96	1996-97	1997-98	1998-99	1999-00
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
July	4	11	7	23	17
August	39	33	39	25	35
September	4	10	7	9	11
October	6	4	2	3	7
November	5	1	2	2	1
December	1	2	2	2	4
January	12	3	1	4	2
February	8	6	4	7	3
March	3	5	11	2	6
April	6	5	15	5	3
May	8	5	4	9	3
June	4	15	6	9	8

Soybeans: Percent of sales by month, 1995-2000

Month	1995-96	1996-97	1997-98	1998-99	1999-00
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
September	9	2	1	12	8
October	41	34	31	34	33
November	8	15	19	8	7
December	7	8	8	9	7
January	14	15	8	8	12
February	6	6	7	5	3
March	4	6	5	7	7
April	5	4	4	5	4
May	3	2	4	2	3
June	1	1	5	4	4
July	1	4	4	3	4
August	1	3	4	3	8

Wheat: Percent of sales by month, 1995-2000

Month	1995-96	1996-97	1997-98	1998-99	1999-00
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
July	38	27	20	30	42
August	26	39	27	12	18
September	5	8	7	21	2
October	7	3	3	4	2
November	8	1	25	3	1
December	3	3	3	6	1
January	6	7	3	5	12
February	5	3	5	3	2
March	1	4	2	6	12
April	1	4	2	3	3
May		1	2	3	2
June			1	4	3

Prices paid by farmers, 1996-2000 ¹

Item	Unit	1996	1997	1998	1999	2000
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Dairy feed, 16% protein ²	Ton	212	190	171	167	184
Hog concentrate, 38-42% protein ²	Ton	393	300	273	288	290
Soybean meal, 44% protein ²	Cwt	16.40	11.50	9.50	10.90	11.00
Gasoline, unleaded, bulk ²	Gallon	1.30	1.16	1.17	1.48	1.48
Diesel fuel ²	Gallon	0.91	0.79	0.76	1.12	1.15
Tractor, 110-129 hp ³	Each	57,400	59,500	60,100	62,400	63,000
Tractor, 200-280 hp, 4-wd ³	Each	111,000	116,000	116,000	120,000	127,000
Planter, row crop, 8-row ³	Each	25,800	25,700	26,000	26,900	28,800
Grain drill, press, 23-25 openers ³	Each	14,400	16,300	15,600	17,500	18,500
Combine, self-prop. w/ grain head, large cap. ³	Each	135,000	140,000	142,000	146,000	152,000
Ammonium nitrate ⁴	Ton	218	179	168	181	243
Muriate of potash 60-62% K ₂ O ⁴	Ton	150	161	166	162	167
Superphosphate, 44-46% P ₂ O ₅ ⁴	Ton	255	248	252	227	229
Anhydrous ammonia ⁴	Ton	314	256	211	231	408
Atrazine, 4#/gallon ³	Gallon	13.80	13.70	13.70	13.60	12.50
Roundup, 4#/gallon EC ³	Gallon	56.70	56.30	45.50	43.30	44.50
Harness, Surpass, 6.4-7#/gallon ³	Gallon	69.20	66.40	68.00	68.40	68.90
Dual, 8#/gallon EC ³	Gallon	69.50	72.60	77.70	82.60	94.50
Captan, 50% WP ³	Pound	3.25	3.36	3.46	3.45	3.61
Ziram, 76% WP ³	Pound	2.98	2.88	2.92	2.72	2.82
Guthion, 50% WP ³	Pound	8.62	8.97	9.20	9.68	9.87
Imiclan, Prolate, 50% WP ³	Pound	5.79	6.22	6.25	6.59	6.98

EC=Emulsifiable concentrate. WP=Wettable powder.

¹ Regional and U.S. data only. Published in April.

² Lake States=MI, MN, WI.

³ United States.

⁴ North Central Region=IL,IN, IA, MI, MN, MO, OH, WI.

Farm production expenses, 1996-2000

Item	1996	1997	1998	1999	2000
	<i>Million dollars</i>				
Feed purchased	381.9	423.0	373.8	327.6	340.6
Livestock and poultry purchased	38.2	41.0	39.2	44.0	50.0
Seed purchased	193.1	226.3	244.4	249.4	260.7
Fertilizers and lime	251.2	281.6	249.9	235.2	243.6
Pesticides	206.2	228.7	228.7	217.9	225.1
Petroleum fuel and oils	138.6	145.5	128.7	124.3	160.2
Electricity	56.3	58.5	56.6	58.3	58.0
Repair and maintenance of capital items	291.8	302.7	308.2	300.2	277.9
Machine hire and custom work	58.5	68.3	77.5	72.5	75.6
Contract and hired labor expenses	477.0	492.4	535.3	515.9	565.8
Marketing, storage, and transportation expenses	107.3	116.8	93.1	113.8	126.8
Capital consumption	532.9	536.4	545.7	573.5	587.9
Real estate and nonreal estate interest	243.4	249.5	254.4	252.8	260.3
Property taxes	211.3	216.0	198.8	184.4	192.4
Net rent received by nonoperator landlords	44.7	52.4	73.6	82.3	67.7
Miscellaneous expenses	346.2	421.5	401.7	430.4	429.5
Total production expenses	3,578.7	3,860.7	3,809.5	3,782.5	3,922.2

Farm Labor

The number of self-employed, unpaid workers, and hired workers rose in 2000. Self-employed workers increased 9 percent to 37,300, unpaid workers rose 5 percent to 11,500, and hired workers rose 3 percent to 25,800. Wage rates for all hired workers increased 7 percent to \$8.77.

Farm workers: Annual average number and hours worked, 1996-2000

Year	Number of workers			Hours worked by hired workers
	Self employed	Unpaid	Hired	
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Hours per week</i>
1996	39.8	10.3	17.8	34.5
1997	38.3	8.5	21.8	36.9
1998	36.8	8.0	23.8	38.6
1999	34.3	11.0	25.1	38.8
2000	37.3	11.5	25.8	38.9

Hired farm workers: Annual average wage rates, 1996-2000

Year	All hired workers	Field workers	Field and livestock workers
	<i>Dollars per hour</i>	<i>Dollars per hour</i>	<i>Dollars per hour</i>
1996	6.96	6.73	6.61
1997	7.14	6.78	6.62
1998	7.87	7.39	7.39
1999	8.21	7.44	7.37
2000	8.77	7.87	7.93