

Rank in U.S. agriculture by selected commodities, 2004

Rank	Item	Unit	Quantity	Percent of U.S.	Leading state
			<i>Thousands</i>	<i>Percent</i>	
1	Beans, dry, black	Cwt	1,290	69.0	Michigan
	Beans, dry, cranberry	Cwt	130	72.2	Michigan
	Beans, dry, light red kidney	Cwt	212	26.2	Michigan
	Beans, dry, navy	Cwt	970	45.3	Michigan
	Beans, dry, small red	Cwt	261	43.4	Michigan
	Blueberries	Pounds	80,000	35.2	Michigan
	Cherries, tart	Pounds	149,000	70.0	Michigan
	Cucumbers (for pickles)	Tons	172.5	29.4	Michigan
	Flowering hanging baskets	Number	5,050	11.4	Michigan
	Geraniums (seed and cuttings)	Pots	21,827	22.0	Michigan
	Impatiens	Flats	2,309	18.4	Michigan
	Petunias	Flats	1,662	15.1	Michigan
2	Beans, dry, all	Cwt	3,145	17.7	North Dakota
	Carrots (fresh market)	Cwt	1,302	4.9	California
	Celery	Cwt	1,232	6.6	California
	Hosta	Pots	1,825	13.1	South Carolina
	Marigolds	Flats	815	13.3	California
3	Apples	Pounds	760,000	7.3	Washington
	Asparagus	Cwt	290	17.0	California
	Beans, dry, dark red kidney	Cwt	80	11.7	Minnesota
	Cucumbers (fresh market)	Cwt	1,295	13.4	Florida
	Grapes, Niagara	Tons	19.4	30.7	Washington
	Other potted perennials	Pots	21,215	10.4	California
4	Vegetable type bedding plants	Flats	573	7.7	California
	Beans, snap (processing)	Tons	61.3	7.4	Wisconsin
	Carrots (processing)	Tons	32.5	7.6	Washington
	Cherries, sweet	Tons	24.7	8.7	Washington
	Grapes, all	Tons	62.5	1.0	California
	Grapes, Concord	Tons	34.9	9.8	Washington
	Squash	Cwt	1,120	14.4	California
	Sugarbeets	Tons	3,439	11.5	Minnesota
5	Tomatoes (processing)	Tons	108.5	0.9	California
	Plums	Tons	2.5	3.4	California
6	Pumpkins	Cwt	1,008	10.1	Illinois
8	Maple syrup	Gallons	80	5.3	Vermont
8	Milk	Pounds	6,315,000	3.7	California
10	Potatoes	Cwt	13,650	3.0	Idaho
11	Corn, for grain	Bushels	257,280	2.2	Iowa
	Soybeans	Bushels	75,240	2.4	Illinois
14	Hogs, as of Dec. 1, 2004	Head	950	1.6	Iowa
	Wheat, winter	Bushels	40,960	2.7	Kansas
22	Hay, all	Tons	3,270	2.1	Texas
	Cash receipts	Dollars	4,312,320	1.8	California
31	Cattle, as of Jan. 1, 2005	Head	1,010	1.0	Texas

Number of farms and land in farms by economic sales class, 2000-2004 ¹

Year	Economic sales class					Total	Average size of farm
	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000+		
	<i>1,000 farms</i>						
2000	29.4	16.5	3.6	2.0	1.5	53.0	
2001	30.7	15.5	3.4	1.9	1.5	53.0	
2002	31.7	15.1	3.2	1.8	1.5	53.3	
2003	31.7	15.1	3.2	1.8	1.5	53.3	
2004	31.4	15.0	3.1	1.9	1.8	53.2	
	<i>Million acres</i>	<i>Acres</i>					
2000	1.97	2.70	1.78	1.57	2.13	10.15	192
2001	1.98	2.68	1.70	1.58	2.18	10.12	191
2002	1.99	2.66	1.63	1.59	2.22	10.09	189
2003	2.00	2.60	1.65	1.59	2.25	10.09	189
2004	1.90	2.60	1.60	1.60	2.40	10.10	190

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."

Farm real estate: Values and cash rents, 2001-2005

Year	Farm real estate average value per acre	Cropland	
		Average value per acre	Average cash rent per acre
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
2001	2,280	1,980	60
2002	2,470	2,150	60
2003	2,680	2,350	60
2004	2,920	2,550	62
2005	3,150	2,750	62

Farm Income

Net farm income in 2004 rose 42 percent to a record high \$1.06 billion. That includes \$215 million of government payments. The total agriculture output was \$5.07 billion dollars, up 12.4 percent from 2003. Production expenses were \$2.54 billion in 2004, up 3.6 percent from the previous year.

Preliminary cash receipts from 2004 marketings of Michigan crops, livestock and livestock products totaled \$4.31 billion, up 11.1 percent from 2003. Michigan ranked twenty-second nationally in total cash receipts.

Crop receipts, at \$2.57 billion, were up 3.5 percent from 2003.

Increases were noted in the market value of fruit crops, vegetables, and nursery/floriculture marketings. Livestock cash receipts were up 24.5 percent from a year earlier to \$1.75 billion.

In 2004, the top ten Michigan commodities ranked by cash receipts were milk, corn, soybeans, annual bedding plants, cattle and calves, hogs, woody ornamentals, wheat, sugarbeets, and blueberries.

Government payments, 2000-2004 ¹

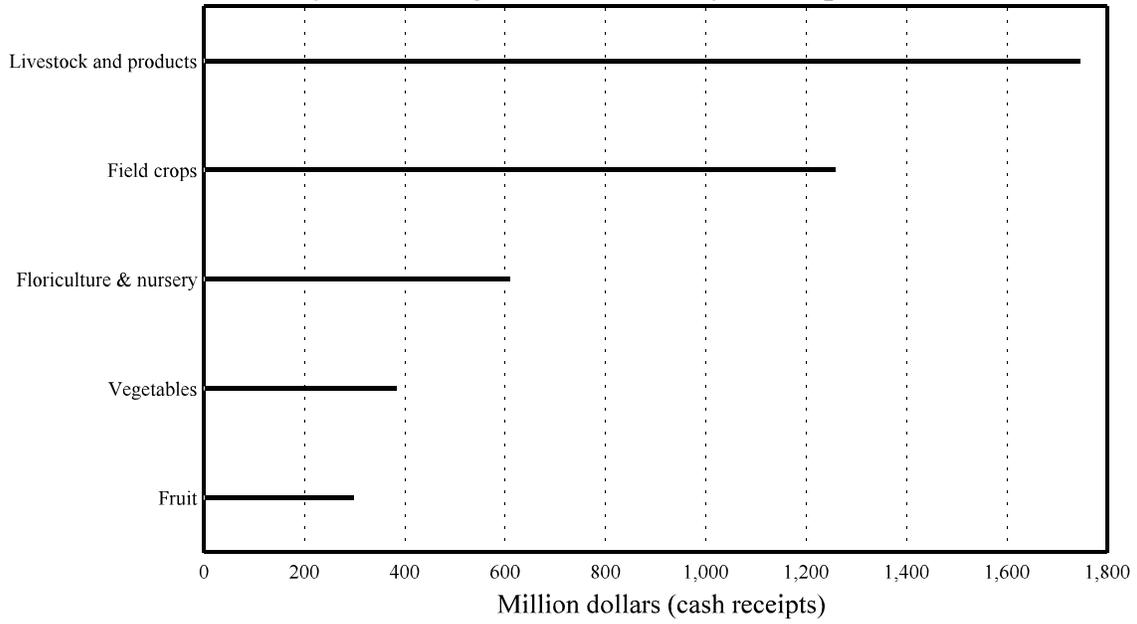
Program	2000	2001	2002	2003	2004
	<i>1,000 dollars</i>				
Conservation programs	16,842	21,335	28,193	32,084	34,284
Production flexibility contract payments	87,564	68,405	59,438	-5,402	-104
Direct payments	NA	NA	1,684	122,094	89,512
Loan deficiency payments	112,565	101,666	24,332	897	56,377
Miscellaneous programs	17,713	17,962	² 39,619	² 67,928	² 26,721
Supplemental Funding	³ 146,372	³ 143,398	NA	NA	NA
Milk income loss payments	NA	NA	37,215	37,984	8,442
Total	381,056	352,766	190,481	255,585	215,232

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

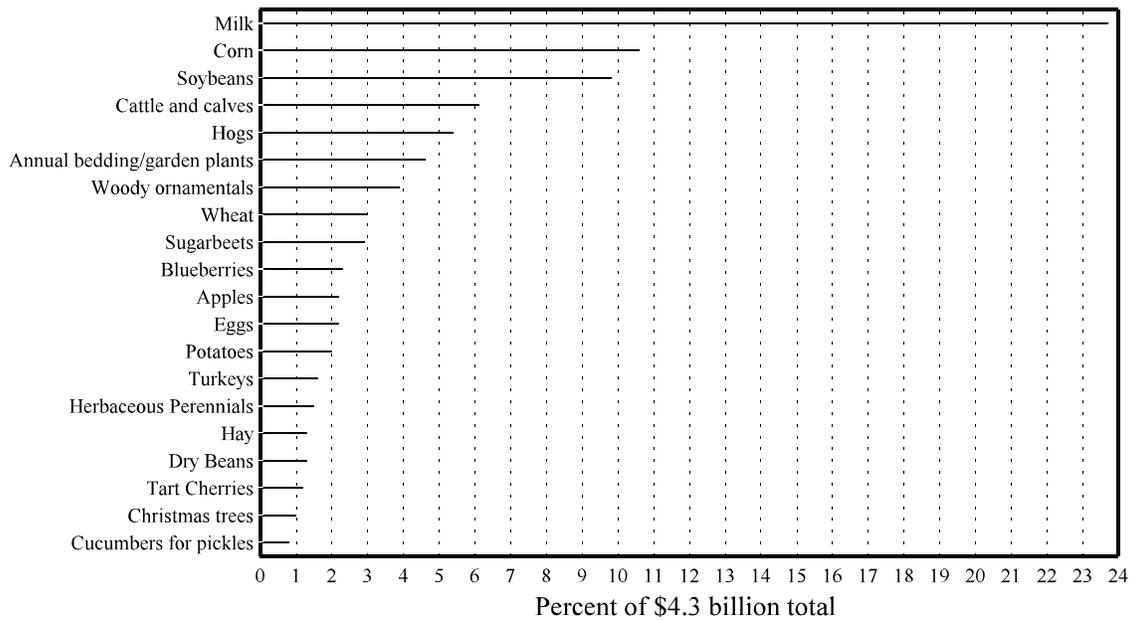
² Programs included are marketing loan gains, ad hoc payments, counter cyclical payments, and miscellaneous payments; CAT, NAP, and repayments are no longer included.

³ Provided by the Omnibus Supplemental Appropriations Act of 1999 and the Emergency Assistance Provisions of Agriculture Appropriation 2000.

Major Michigan Commodity Groups, 2004



Top 20 Commodities in Cash Receipts, 2004



Value added to the economy by the Michigan agricultural sector 2000-2004 ¹

Item ²	2000	2001	2002	2003	2004
	<i>Million dollars</i>				
Final crop output	2,015.4	1,888.1	2,250.9	2,403.8	2,634.7
Food grains	78.4	99.4	94.4	142.3	128.1
Feed crops	344.6	405.8	438.1	501.4	518.9
Oil crops	324.5	293.0	364.0	434.1	423.4
Fruits and tree nuts	238.5	214.7	155.1	250.3	296.7
Vegetables, potatoes, dry beans	402.6	349.6	400.7	443.3	439.1
All other crops	609.1	654.3	712.8	708.9	760.1
Home consumption	7.0	6.6	6.3	5.1	3.8
Value of inventory adjustment ³	10.7	-135.3	79.6	-81.6	64.4
Final animal output	1,314.6	1,511.2	1,286.2	1,451.4	1,732.1
Meat animals	458.7	442.9	371.7	385.1	501.5
Dairy products	729.5	883.1	733.3	795.7	1,020.4
Poultry and eggs	104.2	124.8	133.3	170.3	174.4
Miscellaneous livestock	47.1	47.2	51.7	50.8	49.5
Home consumption	2.6	2.4	2.3	5.0	7.8
Value of inventory adjustment ³	-27.4	10.7	-6.1	44.7	-21.6
Services and forestry	548.9	679.1	595.3	654.3	700.6
Machine hire and custom work	31.6	59.0	35.8	29.9	29.7
Forest products sold	10.0	10.0	11.9	11.9	11.9
Other farm income	139.0	213.9	123.8	172.4	210.4
Gross imputed rental value-farm dwellings	368.3	396.2	423.8	440.1	448.6
Final agricultural sector output	3,878.9	4,078.4	4,132.5	4,509.6	5,067.4
less: Purchased inputs	2,242.5	2,433.0	2,304.6	2,450.1	2,538.7
Farm origin	671.5	721.6	708.0	780.9	824.5
Feed purchased	342.2	368.2	344.2	410.9	460.4
Livestock and poultry purchased	54.9	55.4	42.0	40.7	39.4
Seed purchased	274.4	297.9	321.9	329.3	324.6
Manufactured inputs	689.1	706.4	680.8	712.5	778.9
Fertilizers and lime	241.2	265.3	232.6	251.8	293.2
Pesticides	233.2	221.1	225.3	236.9	246.6
Petroleum fuel and oils	159.8	160.7	149.9	170.5	177.4
Electricity	54.9	59.3	73.0	53.3	61.7
Other intermediate expenses	881.9	1,005.0	915.8	956.7	935.4
Repair and maintenance of capital items	276.5	376.4	297.8	258.5	315.6
Machine hire and custom work	72.2	116.6	72.5	51.6	49.3
Marketing, storage, and transp. Expenses	123.0	96.2	120.3	84.8	117.2
Contract labor	14.9	25.0	20.0	32.5	37.3
Miscellaneous expenses	395.3	390.8	405.2	529.4	416.0
plus: Net government transactions	132.6	99.9	-45.8	21.6	-13.6
plus: Direct Government payments	381.1	352.8	190.5	255.6	215.2
less: Motor vehicle reg. And licensing fees	8.6	9.9	8.7	7.4	6.6
less: Property taxes	239.9	242.9	227.6	226.6	222.2
Gross value added	1,769.0	1,745.3	1,782.0	2,081.0	2,515.1
less: Capital consumption	577.1	592.8	614.0	631.7	667.0
Net value added	1,191.9	1,152.5	1,168.0	1,449.4	1,848.1
less: Payments to stakeholders	831.6	806.6	834.7	706.9	791.2
Employee compensation (total hired labor)	563.0	553.2	573.8	462.9	547.5
Net rent received by nonoperator landlords	3.6	9.5	24.1	17.9	12.3
Real estate and nonreal estate interest	265.0	243.9	236.8	226.0	231.4
Net farm income	360.3	345.9	333.3	742.5	1,056.9

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 2000-2004 ¹

Item	2000	2001	2002	2003	2004
	<i>1,000 dollars</i>				
Total cash receipts	3,337,131	3,514,867	3,455,009	3,882,079	4,312,320
Total livestock and products	1,339,468	1,498,038	1,289,953	1,401,811	1,745,883
Meat animals	458,683	442,850	371,705	385,053	501,549
Cattle and calves	255,892	227,930	204,587	207,722	262,757
Hogs	200,485	212,599	164,324	173,671	234,992
Sheep and lambs	2,306	2,321	2,794	3,660	3,800
Dairy (milk)	729,495	883,120	733,260	795,690	1,020,380
Poultry and eggs	104,230	124,843	133,282	170,298	174,416
Eggs	56,464	61,063	63,237	93,613	94,256
Turkeys	40,460	56,700	62,832	68,760	69,560
Other	7,306	7,080	7,213	7,925	10,600
Miscellaneous livestock	47,060	47,225	51,706	50,770	49,538
Honey	3,240	3,694	7,762	6,782	5,095
Mink pelts	1,719	1,445	1,809	1,744	2,045
Trout	1,037	823	663	691	790
Other	41,064	41,263	41,472	41,553	41,608
Total crops	1,997,663	2,016,829	2,165,057	2,480,268	2,566,438
Field crops	937,592	941,341	1,074,920	1,271,529	1,255,960
Corn	295,917	346,105	383,009	438,795	458,050
Dry beans	75,340	24,669	50,068	62,989	54,814
Hay	45,379	56,232	50,337	57,745	56,726
Soybeans	324,092	292,548	363,489	433,442	422,684
Sugarbeets	106,514	112,056	122,393	124,780	124,780
Wheat	77,613	98,841	93,871	141,787	127,506
Other	12,737	10,890	11,753	11,991	11,400
Vegetables	327,279	324,975	350,635	363,897	384,329
Asparagus	18,075	12,516	11,703	19,278	18,708
Beans, snap	16,778	15,614	16,321	11,208	18,660
Carrots	19,292	25,358	19,934	21,907	17,899
Celery	13,421	12,650	14,441	17,641	18,819
Corn, sweet	13,430	11,880	16,800	14,193	13,904
Cucumbers, fresh	25,192	24,200	20,520	20,890	30,174
Cucumbers, pickles	38,700	30,843	30,153	36,180	35,363
Onions	9,127	8,124	9,851	12,562	11,519
Peppers, green, fresh	10,395	8,008	9,600	9,900	13,572
Potatoes	87,362	91,478	93,143	92,892	87,186
Pumpkins	8,448	6,336	13,056	14,308	13,104
Squash	9,333	15,254	22,365	15,314	16,240
Tomatoes, fresh	18,115	13,230	12,810	16,456	26,208
Tomatoes, processing	6,804	8,432	10,458	10,408	8,789
Other	32,807	41,052	49,480	50,760	54,184
Fruit	238,523	214,682	155,113	250,255	296,689
Apples	91,304	78,217	67,091	74,927	95,160
Blueberries	55,140	49,840	52,240	63,105	97,210
Grapes	24,156	10,110	14,760	24,830	18,740
Peaches	11,340	12,503	4,452	7,790	10,274
Strawberries	6,145	4,682	5,228	6,320	4,005
Sweet cherries	10,290	11,092	2,222	10,795	16,311
Tart cherries	36,370	44,412	7,192	57,938	49,861
Other	3,778	3,826	1,928	4,550	5,128
Miscellaneous crops	17,670	20,086	21,611	37,033	20,251
Floriculture and nursery	476,599	515,745	562,778	557,554	609,209

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

Soybean production costs and returns, excluding direct Government payments, 2002-2003

Item	United States		Northern Crescent ¹	
	2002	2003	2002	2003
	<i>Dollars per planted acre</i>			
Gross value of production	210.64	233.61	213.96	194.46
Operating costs:				
Seed	25.45	27.42	25.65	27.46
Fertilizer	6.79	7.39	10.39	11.00
Soil conditioners	0.11	0.12	0.23	0.25
Manure	0.40	0.46	1.48	1.75
Chemicals	17.12	16.92	17.29	16.96
Custom operations	6.16	6.32	8.99	9.37
Fuel, lube, and electricity	6.98	8.73	8.27	10.30
Repairs	9.76	9.77	11.28	11.14
Purchased irrigation water	0.12	0.12	0.00	0.00
Interest on operating capital	0.61	0.41	0.70	0.47
Total, operating costs	73.50	77.66	84.28	88.70
Allocated overhead:				
Hired labor	1.84	1.90	3.14	3.26
Opportunity cost of unpaid labor	15.59	16.11	21.02	21.76
Capital recovery of machinery and equipment	43.30	43.43	49.03	48.44
Opportunity cost of land (rental rate)	80.74	81.93	69.13	69.41
Taxes and insurance	5.66	5.80	7.18	7.43
General farm overhead	11.37	11.66	13.61	14.10
Total, allocated overhead	158.50	160.83	163.11	164.40
Total, costs listed	232.00	238.49	247.39	253.10
Value of production less total costs listed	-21.36	-4.88	-33.43	-58.64
Value of production less operating costs	137.14	155.95	129.68	105.76
Supporting information:				
Yield (bushels per planted acre)	40	36	41	30
Price (dollars per bushel at harvest)	5.20	6.56	5.18	6.50
Enterprise size (planted acres) ²	268	268	135	135
Production practices: ²				
Irrigated (percent)	9	9	3	3
Dryland (percent)	91	91	97	97

¹ Includes NE Minnesota, Wisconsin, Michigan, NE Ohio, Pennsylvania, New York, and New England.

² Developed from survey base year, 2002.

Livestock and products: Marketing year average prices received by farmers, 2000-2004

Marketing year	All hogs per cwt	All beef 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>
2000	40.70	56.00	38.10	63.60	1,350	102.00	0.419	12.90	0.34
2001	41.70	58.80	41.70	66.10	1,460	109.00	0.437	15.20	0.35
2002	30.70	54.20	39.00	60.50	1,580	104.00	0.403	12.10	0.35
2003	35.00	63.00	41.60	72.00	1,370	92.50	0.595	12.60	0.36
2004	45.90	68.70	50.40	76.60	1,640	109.00	0.562	16.30	0.37

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, 2004-2005

2003-2004 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>
2003								
December	33.60						0.770	
2004								
January	34.10	64.60	45.00	73.00	1,450	90.00	0.840	13.30
February	39.40	64.50	47.00	72.00		95.00	0.780	13.60
March	43.40	66.30	46.00	75.00		95.00	1.030	15.30
April	43.10	67.60	48.00	76.00	1,600	100.00	0.590	18.00
May	49.30	72.60	53.00	81.00		110.00	0.450	19.70
June	52.20	75.00	54.00	84.00		120.00	0.500	19.00
July	54.40	71.80	55.00	79.00	1,800	117.00	0.410	16.90
August	53.80	70.40	55.00	77.00		120.00	0.350	15.20
September	51.30	69.50	52.00	77.00		117.00	0.360	15.60
October	51.10	66.90	48.00	75.00	1,700	118.00	0.280	15.70
November	51.40	66.90	48.00	75.00		115.00	0.450	16.20
December		66.90	48.00	75.00		115.00		16.80
2004								
December	51.40						0.520	
2005								
January	(⁴)	69.30	49.00	78.00	1,700	118.00	0.350	16.40
February		70.30	50.00	79.00		120.00	0.035	15.70
March		73.00	52.00	82.00		125.00	0.320	15.70
April		76.30	56.00	85.00	1,850	130.00	0.260	15.40
May		77.70	56.00	87.00		135.00	0.240	15.00
June		76.30	56.00	85.00		137.00	0.270	14.60
July								
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 Monthly prices no longer published due to program changes.

Dry edible beans: Percent of sales by month, 1999-2004

Month	1999-00	2000-01	2001-02	2002-03	2003-04
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
September	49	10	5	12	25
October	17	23	13	27	14
November	3	14	23	16	18
December	3	28	18	4	8
January	3	10	11	4	4
February	1	4	9	2	4
March		5	7	8	6
April	3	1	4	2	3
May	2	2	2		10
June	3	1	2	3	3
July	5	1	1	4	3
August	11	1	5	18	2

Corn: Percent of sales by month, 1999-2004

Month	1999-00	2000-01	2001-02	2002-03	2003-04
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
October	20	9	9	15	7
November	19	14	27	23	20
December	8	12	8	10	21
January	15	12	10	14	13
February	4	7	4	8	8
March	7	7	3	6	6
April	4	6	5	6	5
May	4	4	3	6	3
June	4	5	5	3	5
July	4	11	10	4	4
August	6	7	9	3	4
September	5	6	7	2	4

Hay: Percent of sales by month, 1999-2004

Month	1999-00	2000-01	2001-02	2002-03	2003-04
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
June	17	12	18	16	13
July	10	12	17	13	12
August	9	8	16	8	11
September	3	5	6	5	8
October	7	7	6	7	7
November	8	10	7	8	8
December	14	12	6	11	8
January	10	8	6	9	8
February	9	9	6	9	8
March	6	8	4	6	7
April	5	6	4	5	6
May	2	3	4	3	4

Oats: Percent of sales by month, 1999-2004

Month	1999-00	2000-01	2001-02	2002-03	2003-04
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
July	17	9	19	16	9
August	35	37	19	50	55
September	11	6	4	7	8
October	7	3	3	5	6
November	1	4	2	1	2
December	4	4	6	2	2
January	2	9	5	2	2
February	3	8	2	1	2
March	6	4	28	5	5
April	3	3	2	4	5
May	3	4	6	6	1
June	8	9	4	1	3

Soybeans: Percent of sales by month, 1999-2004

Month	1999-00	2000-01	2001-02	2002-03	2003-04
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
September	8	6	2	5	3
October	33	25	25	30	40
November	7	11	20	9	7
December	7	9	6	9	11
January	12	14	9	10	11
February	3	6	4	9	6
March	7	5	6	5	6
April	4	7	2	7	4
May	3	8	2	5	2
June	4	5	7	6	3
July	4	3	9	3	5
August	8	1	8	2	2

Wheat: Percent of sales by month, 1999-2004

Month	1999-00	2000-01	2001-02	2002-03	2003-04
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
July	42	32	50	49	42
August	18	15	18	19	33
September	2	12	7	8	5
October	2	6	4	6	3
November	1	1	2	1	3
December	1	3	4	1	3
January	12	11	4	4	5
February	2	6	3	2	3
March	12	5	1	1	3
April	3	5	4	2	
May	2	2	1	2	
June	3	2	2	5	

Crops: Marketing year average prices received by farmers, 2000-2004 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>
2000	1.90	2.11	1.30	4.54	13.70	NA	6.70	62.50	64.50
2001	1.97	2.43	1.80	4.47	24.60	NA	7.65	70.50	73.50
2002	2.34	3.28	1.80	5.62	15.30	NA	7.80	84.50	86.50
2003	2.37	3.25	1.65	7.30	19.30	NA	7.05	93.00	97.00
2004	1.80	3.00	1.60	5.05	22.80	NA	6.70	93.50	97.00

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, 2004-2005

2003-2004 Marketing years	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>
2003									
June								92.00	95.00
July		3.11	1.79				8.25	92.00	95.00
August		3.27	1.53				5.65	85.00	90.00
September		3.19	1.52	6.16	18.40	17.50	5.40	85.00	90.00
October	2.06	3.21	1.51	6.55	18.70	17.70	5.30	79.00	85.00
November	2.09	3.50	1.63	6.96	18.80	17.60	6.70	94.00	100.00
December	2.23	3.65	1.96	7.06	19.00	20.00	7.05	96.00	100.00
2004									
January	2.35	3.56	1.88	7.25	18.80	17.10	7.15	96.00	100.00
February	2.62	3.75	(²)	8.21	20.50	18.60	7.40	101.00	105.00
March	2.78	3.64	2.07	9.01	21.10	19.60	7.90	97.00	100.00
April	2.92	3.74	2.07	9.57	20.10	18.30	8.60	109.00	115.00
May	2.82	3.63	2.07	9.54	21.40	20.00	8.65	95.00	100.00
June	2.77	3.18	2.09	9.01	19.90	19.90	(¹)		
July	2.42			8.24	20.90	20.00			
August	2.38			7.18	19.20	18.90			
September	2.29								
2004									
June								84.00	90.00
July		3.05	1.66				7.35	84.00	90.00
August		3.04	1.55				5.80	95.00	95.00
September		3.06	1.59	5.76	22.00	22.80	5.50	89.00	90.00
October	2.13	2.91	1.49	5.41	23.60	24.60	5.80	98.00	99.00
November	1.92	2.80	1.95	5.38	23.70	24.80	6.80	104.00	105.00
December	1.88	2.83	2.11	5.47	23.60	24.80	6.95	99.00	100.00
2005									
January	2.00	2.81	2.21	5.36	27.10	26.10	7.15	104.00	105.00
February	1.86	2.95	2.15	5.31	22.30	23.15	7.40	97.00	100.00
March	1.94	3.21	2.23	6.06	23.50	25.60	7.95	96.00	100.00
April	1.88	3.09	2.12	5.97	23.50	25.90	8.50	99.00	100.00
May	1.93	3.00	2.01	6.04	25.20	23.90	8.75	93.00	95.00
June	2.00	3.03	1.65	6.55	23.50	24.30	(¹)	78.00	85.00
July									
August									
September									

¹ Insufficient sales to establish a price.

² Price not published to avoid disclosure of individual firms.

Prices paid by farmers, 2001-2005 ¹

Item	Unit	2001	2002	2003	2004	2005
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Dairy feed, 16% protein ²	Ton	184	184	190	216	188
Hog concentrate, 38-42% protein ²	Ton	290	298	313	393	332
Soybean meal, 44% protein ²	Cwt	11.00	11.50	11.70	17.40	11.90
Gasoline, unleaded, bulk ²	Gallon	1.48	1.40	1.64	1.76	2.21
Diesel fuel ²	Gallon	1.15	1.00	1.28	1.32	1.97
Tractor, 110-129 hp ³	Each	63,000	63,700	63,800	65,700	68,500
Tractor, 200-280 hp, 4-wd ³	Each	127,000	132,000	133,000	141,000	142,000
Planter, row crop, 8-row ³	Each	28,800	29,000	30,000	32,000	31,400
Grain drill, press, 23-25 openers ³	Each	18,500	23,100	20,300	22,600	25,200
Combine, self-prop. W/ grain head, large cap. ³	Each	152,000	156,000	159,000	180,000	192,000
Ammonium nitrate ⁴	Ton	243	180	224	243	269
Muriate of potash 60-62% K ₂ O ⁴	Ton	167	161	162	178	242
Superphosphate, 44-46% P ₂ O ₅ ⁴	Ton	229	215	238	261	295
Anhydrous ammonia ⁴	Ton	408	254	368	387	429
Atrazine, 4#/gallon ³	Gallon	12.50	12.20	12.30	12.20	12.40
Roundup, 4#/gallon EC ³	Gallon	44.50	43.50	43.30	39.70	33.80
Harness, Surpass, 6.4-7#/gallon ³	Gallon	68.90	68.10	68.20	71.40	67.60
Dual, 8#/gallon EC ³	Gallon	94.50	99.00	104.00	106.00	108.00
Captan, 50% WP ³	Pound	3.61	3.76	3.50	3.52	3.65
Ziram, 76% WP ³	Pound	2.82	2.82	2.70	2.67	2.86
Guthion, 50% WP ³	Pound	9.87	10.60	10.60	10.70	10.80
Imidan, Prolate, 50% WP ³	Pound	6.98	7.30	7.40	7.45	8.32

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, 2000-2004

Item	2000	2001	2002	2003	2004
	<i>Million dollars</i>				
Feed purchased	342.2	368.2	344.2	410.9	460.4
Livestock and poultry purchased	54.9	55.4	42.0	40.7	39.4
Seed purchased	274.4	297.9	321.9	329.3	324.6
Fertilizers and lime	241.2	265.3	232.6	251.8	293.2
Pesticides	233.2	221.1	225.3	236.9	246.6
Petroleum fuel and oils	159.8	160.7	149.9	170.5	177.4
Electricity	54.9	59.3	73.0	53.3	61.7
Repair and maintenance of capital items	276.5	376.4	297.8	258.5	315.6
Machine hire and custom work	72.2	116.6	72.5	51.6	49.3
Contract and hired labor expenses	577.9	578.2	593.8	495.4	584.8
Marketing, storage, and transportation expenses	123.0	96.2	120.3	84.8	117.2
Capital consumption	577.1	592.8	614.0	631.7	667.0
Real estate and nonreal estate interest	265.0	243.9	236.8	226.0	231.4
Property taxes	239.9	242.9	227.6	226.6	222.2
Net rent received by nonoperator landlords	3.6	9.5	24.1	17.9	12.3
Miscellaneous expenses	395.3	390.8	405.2	529.4	416.0
Total production expenses	3,891.1	4,075.2	3,981.0	4,015.3	4,219.1

Farm Labor

Hired farm workers: Annual average wage rates, 2000-2004

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>
2000	8.77	7.87	7.93
2001	8.96	8.15	8.18
2002	9.62	8.62	8.66
2003	9.74	8.42	8.86
2004	9.40	8.32	8.65

Agricultural Exports

Michigan ranked twenty-second in agricultural exports for fiscal year 2004. The table below shows the value of agricultural exports by commodity group. The data are calculated annually by commodity based on each State's share of the U.S. agricultural production. The top five commodities accounted for approximately

75 percent of the State's agricultural exports. The total value of agricultural exports from Michigan in 2004 was estimated at \$919 million.

Michigan agricultural exports: Fiscal year 2004

Commodity	Value	Percent of total	Rank in U.S.
	<i>Million dollars</i>	<i>Percent</i>	<i>Number</i>
Soybeans and products	201.5	21.9	13
Feed grains and products	191.4	20.8	12
Vegetables and preparations	137.0	14.9	8
Fruits and preparations	84.7	9.2	5
Other ¹	81.2	8.8	14
Wheat and products	53.5	5.8	27
Dairy products	48.8	5.3	8
Live animals and meat, excluding poultry	35.4	3.9	21
Hides and skins	26.4	2.9	14
Feeds and fodders	23.7	2.6	24
Seeds	15.0	1.6	19
Poultry and products	13.3	1.4	25
Fats, oils, and greases	7.1	0.8	15
Total	919.0		22

¹ Sugar and tropical products, minor oilseeds, essential oils, beverages other than juice, nursery and greenhouse, wine, and miscellaneous vegetable products.

Source: U.S. Department of Agriculture, Economic Research Service, www.ers.usda.gov/data/fatus.

Agricultural exports from Michigan: Top 10 destinations, 2003-2004

Country	2003	2004
	<i>Thousand dollars</i>	<i>Thousand dollars</i>
Canada	228,543	188,492
Mexico	19,889	12,198
Japan	9,031	9,660
Austria	2,457	6,357
France	13,438	5,591
Italy	4,469	3,396
Ukraine	12	3,183
United Kingdom	998	1,716
Guatemala	539	961
South Korea	880	920

Source: U.S. Department of Commerce, International Trade Administration, www.ita.doc.gov.