

Rank in U.S. agriculture by selected commodities, 2005

Rank	Item	Unit	Quantity	Percent of U.S.	Leading state
			<i>Thousands</i>	<i>Percent</i>	
1	Beans, dry, black	Cwt	1,130	62.7	Michigan
	Beans, dry, cranberry	Cwt	140	86.4	Michigan
	Beans, dry, small red	Cwt	540	59.8	Michigan
	Blueberries	Pounds	66,000	27.7	Michigan
	Cherries, tart	Pounds	208,000	76.9	Michigan
	Cucumbers (for pickles)	Tons	182.4	32.0	Michigan
	Flowering hanging baskets	Number	5,297	12.0	Michigan
	Geraniums (seed and cuttings)	Pots	20,762	21.6	Michigan
	Grapes, Niagara	Tons	31.0	36.2	Michigan
	Impatiens	Flats	2,061	16.6	Michigan
	Petunias	Flats	1,556	14.4	Michigan
2	Beans, dry, all	Cwt	3,910	14.4	North Dakota
	Beans, dry, dark red kidney	Cwt	110	12.0	Minnesota
	Beans, dry, light red kidney	Cwt	240	30.6	Nebraska
	Beans, dry, navy	Cwt	1,310	33.2	North Dakota
	Carrots (fresh market)	Cwt	1,050	4.0	California
	Celery	Cwt	1,144	6.0	California
	Hostas	Pots	1,145	9.0	South Carolina
	Marigolds	Flats	772	12.5	California
	Other potted perennials	Pots	20,176	9.9	California
	Squash	Cwt	1,536	18.9	California
3	Apples	Pounds	780,000	7.9	Washington
	Asparagus	Cwt	228	12.6	California
	Plums	Tons	2.0	2.0	California
	Vegetable type bedding plants	Flats	630	7.8	California
4	Carrots (processing)	Tons	30.8	7.3	Washington
	Cherries, sweet	Tons	27.0	10.8	Washington
	Cucumbers (fresh market)	Cwt	1,224	12.0	Florida
	Grapes, all	Tons	102.7	1.3	California
	Grapes, Concord	Tons	66.5	11.8	Washington
	Sugarbeets	Tons	3,167	11.5	Minnesota
5	Beans, snap (processing)	Tons	62.5	7.6	Wisconsin
	Pumpkins	Cwt	854	7.9	Illinois
6	Maple syrup	Gallons	58	4.7	Vermont
8	Milk	Pounds	6,735,000	3.8	California
10	Potatoes	Cwt	13,920	3.3	Idaho
11	Corn, for grain	Bushels	288,860	2.6	Iowa
	Soybeans	Bushels	77,610	2.5	Iowa
12	Wheat, winter	Bushels	38,940	2.6	Kansas
13	Hogs, as of Dec. 1, 2005	Head	950	1.6	Iowa
20	Hay, all	Tons	3,290	2.2	Texas
22	Cash receipts	Dollars	4,159,538	1.8	California
30	Cattle, as of Jan. 1, 2006	Head	1,040	1.1	Texas

Number of farms and land in farms by economic sales class, 2001-2005 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>						
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	
2005	31.1	15.0	3.2	1.8	1.9	53.0	
	<i>Million acres</i>	<i>Acres</i>					
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
2005	1.90	2.50	1.60	1.60	2.50	10.10	191

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, 2002-2006

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>
2002	2,470	2,150	60
2003	2,680	2,350	60
2004	2,920	2,550	62
2005	3,150	2,750	62
2006	3,500	3,000	65

Farm Income

Net farm income in 2005 rose 10 percent from last year to a record high \$1.34 billion. That includes \$386 million of government payments. The total agriculture output was \$5.16 billion dollars, down 1 percent from 2004. Production expenses were \$2.52 billion in 2005, down 2 percent from the previous year.

Preliminary cash receipts from 2005 marketings of Michigan crops, livestock and livestock products totaled \$4.16 billion, down 2 percent from 2004. Michigan ranked 22 nationally in total cash receipts.

Crop receipts, at \$2.43 billion, were down 2 percent from 2004. Decreases were noted in the market value of fruit crops, vegetables, and nursery/floriculture marketings. Livestock cash receipts were down 2 percent from a year earlier to \$1.73 billion.

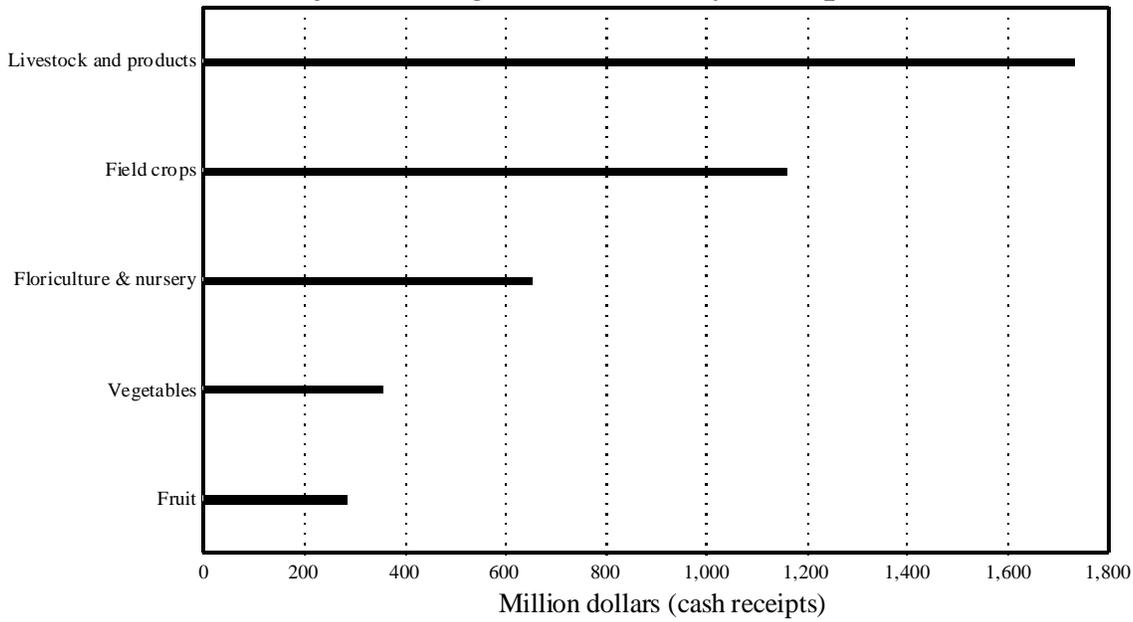
In 2005, the top ten Michigan commodities ranked by cash receipts were milk, soybeans, corn, floriculture, cattle and calves, hogs, nursery, wheat, sugarbeets, and apples.

Government payments, 2001-2005 ¹

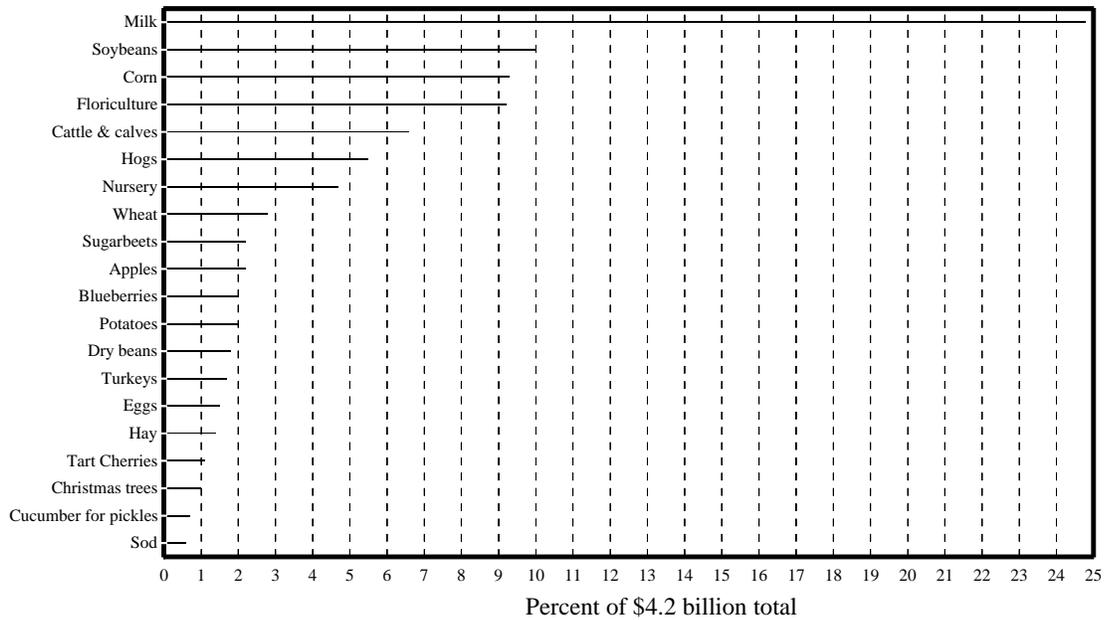
Program	2001	2002	2003	2004	2005
	<i>1,000 dollars</i>				
Conservation programs	24,578	28,459	32,084	32,580	41,848
Production flexibility contract payments	68,405	60,211	-5,402	-104	-2
Direct payments	NA	1,707	122,094	89,513	89,782
Counter-cyclical payments	NA	NA	6,150	5,804	70,987
Loan deficiency payments	101,666	24,391	897	56,377	128,523
Miscellaneous programs	13,609	8,492	129	2,002	6,895
Ad Hoc and emergency programs	144,621	30,285	61,648	20,775	47,848
Milk income loss payments	NA	36,946	37,984	8,442	541
Total	352,879	190,491	255,584	215,389	386,422

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

Major Michigan Commodity Groups, 2005



Top 20 Commodities in Cash Receipts, 2005



Value added to the economy by the Michigan agricultural sector 2001-2005 ¹

Item ²	2001	2002	2003	2004	2005
	<i>Million dollars</i>				
Final crop output	1,889.5	2,251.2	2,371.2	2,660.9	2,526.1
Food grains	99.4	94.4	139.0	118.5	119.4
Feed crops	405.8	438.1	500.6	507.3	446.0
Oil crops	293.0	364.0	421.0	377.5	417.6
Fruits and tree nuts	216.0	156.0	250.9	293.1	276.8
Vegetables, potatoes, dry beans	349.6	400.1	425.7	434.7	423.9
All other crops	654.3	712.8	708.9	758.9	748.5
Home consumption	6.6	6.3	5.1	3.0	2.6
Value of inventory adjustment ³	-135.3	79.6	-80.0	167.9	91.3
Final animal output	1,511.2	1,286.2	1,451.4	1,747.7	1,782.6
Meat animals	442.9	371.7	385.1	522.5	506.9
Dairy products	883.1	733.3	795.7	1,022.8	1,029.5
Poultry and eggs	124.8	133.3	170.3	174.5	141.7
Miscellaneous livestock	47.2	51.7	50.8	49.4	49.2
Home consumption	2.4	2.3	5.0	9.1	8.9
Value of inventory adjustment ³	10.7	-6.1	44.7	-30.6	46.4
Services and forestry	757.8	680.0	726.6	801.2	855.0
Machine hire and custom work	59.0	35.8	29.9	29.7	50.8
Forest products sold	10.0	11.9	11.9	11.9	11.9
Other farm income	213.9	123.8	172.3	210.5	210.4
Gross imputed rental value-farm dwellings	474.9	508.4	512.4	549.1	582.0
Final agricultural sector output	4,158.5	4,217.4	4,549.2	5,209.9	5,163.7
less: Purchased inputs	2,433.0	2,304.6	2,462.1	2,562.5	2,520.1
Farm origin	721.6	708.0	780.9	771.7	790.4
Feed purchased	368.2	344.2	410.9	426.9	407.6
Livestock and poultry purchased	55.4	42.0	40.7	53.2	67.7
Seed purchased	297.9	321.9	329.3	291.7	315.2
Manufactured inputs	706.4	680.8	711.1	768.7	770.8
Fertilizers and lime	265.3	232.6	251.8	291.5	304.3
Pesticides	221.1	225.3	236.9	232.1	198.2
Petroleum fuel and oils	160.7	149.9	170.5	167.6	209.5
Electricity	59.3	73.0	51.9	77.6	58.8
Other intermediate expenses	1,005.0	915.8	970.1	1,022.0	958.9
Repair and maintenance of capital items	376.4	297.8	258.5	281.7	251.0
Machine hire and custom work	116.6	72.5	51.8	63.4	74.1
Marketing, storage, and transp. expenses	96.2	120.3	82.9	145.6	141.5
Contract labor	25.0	20.0	32.5	30.4	13.8
Miscellaneous expenses	390.8	405.2	544.4	500.9	478.4
plus: Net government transactions	100.0	-45.8	21.6	9.0	173.0
plus: Direct Government payments	352.9	190.5	255.6	215.4	386.4
less: Motor vehicle reg. and licensing fees	9.9	8.7	7.4	10.3	8.6
less: Property taxes	242.9	227.6	226.6	196.1	204.8
Gross value added	1,825.5	1,867.0	2,108.7	2,656.4	2,816.7
less: Capital consumption	592.8	614.0	635.9	683.0	712.4
Net value added	1,232.7	1,253.0	1,472.8	1,973.3	2,104.2
less: Payments to stakeholders	806.6	834.7	702.4	757.0	766.9
Employee compensation (total hired labor)	553.2	573.8	462.9	545.2	437.6
Net rent received by nonoperator landlords	9.5	24.1	13.5	-19.7	61.2
Real estate and nonreal estate interest	243.9	236.8	226.0	231.5	268.1
Net farm income	426.1	418.3	770.4	1,216.3	1,337.3

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 31. A negative value is an offset to production from prior years included in current-year sales.

Cash receipts by commodity groups and selected commodities 2001-2005 ¹

Item	2001	2002	2003	2004	2005
	<i>1,000 dollars</i>				
Total cash receipts	3,516,213	3,455,308	3,847,879	4,259,204	4,159,538
Total livestock and products	1,498,038	1,289,953	1,401,811	1,769,215	1,727,308
Meat animals	442,850	371,705	385,053	522,510	506,861
Cattle and calves	227,930	204,587	207,722	282,708	272,877
Hogs	212,599	164,324	173,671	236,002	229,852
Sheep and lambs	2,321	2,794	3,660	3,800	4,132
Dairy (milk)	883,120	733,260	795,690	1,022,825	1,029,490
Poultry and eggs	124,843	133,282	170,298	174,472	141,747
Eggs	61,063	63,237	93,613	94,313	61,870
Turkeys	56,700	62,832	68,760	69,560	70,500
Other	7,080	7,213	7,925	10,599	9,377
Miscellaneous livestock	47,225	51,706	50,770	49,408	49,210
Honey	3,694	7,762	6,782	4,965	4,376
Mink pelts	1,445	1,809	1,744	2,045	2,444
Trout	823	663	691	790	793
Other	41,263	41,472	41,553	41,608	41,597
Total crops	2,018,175	2,165,355	2,446,068	2,489,989	2,432,230
Field crops	941,341	1,074,301	1,254,597	1,164,838	1,153,778
Corn	346,105	383,009	437,210	445,745	385,258
Dry beans	24,669	49,450	63,264	64,836	74,991
Hay	56,232	50,337	58,269	57,800	56,634
Soybeans	292,548	363,489	420,346	376,716	416,634
Sugarbeets	112,056	122,393	124,780	90,790	90,790
Wheat	98,841	93,871	138,470	117,925	118,420
Other	10,890	11,752	12,258	11,026	11,051
Vegetables	324,975	350,636	362,437	369,871	348,951
Asparagus	12,516	11,703	19,278	17,468	11,754
Beans, snap	15,614	16,321	11,208	18,660	15,764
Carrots	25,358	19,934	21,907	17,899	16,640
Celery	12,650	14,441	17,641	15,215	18,190
Corn, sweet	11,880	16,800	14,193	13,904	16,160
Cucumbers, fresh	24,200	20,520	20,890	22,274	20,196
Cucumbers, pickles	30,843	30,153	36,180	35,363	30,643
Onions	8,124	9,851	11,065	10,421	10,051
Peppers, green, fresh	8,008	9,600	9,900	13,572	11,040
Potatoes	91,478	93,143	92,929	86,570	82,010
Pumpkins	6,336	13,056	14,308	13,104	11,102
Squash	15,254	22,365	15,314	16,240	18,531
Tomatoes, fresh	13,230	12,810	16,456	26,208	22,792
Tomatoes, processing	8,432	10,458	10,408	8,789	(²)
Other	41,052	49,481	50,760	54,184	64,078
Fruit	216,028	156,030	250,887	293,076	276,751
Apples	79,563	68,008	79,303	96,272	89,733
Blueberries	49,840	52,240	63,105	97,210	83,500
Grapes	10,110	14,760	21,086	14,015	21,810
Peaches	12,503	4,452	7,790	10,274	7,982
Strawberries	4,682	5,228	6,320	4,005	4,878
Sweet cherries	11,092	2,222	10,795	16,311	16,732
Tart cherries	44,412	7,192	57,938	49,861	47,555
Other	3,826	1,928	4,550	5,128	4,561
Miscellaneous crops	20,086	21,610	20,593	14,049	5,195
Floriculture and nursery	515,745	562,778	557,554	648,155	647,555

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

² Not published to avoid disclosure of individual operations.

Corn production costs and returns, excluding direct Government payments, 2003-2004

Item	United States		Northern Crescent ¹	
	2003	2004	2003	2004
	<i>Dollars per planted acre</i>			
Gross value of production	319.62	362.35	302.32	320.69
Operating costs:				
Seed	34.83	36.82	35.48	37.18
Fertilizer	43.41	46.69	41.54	44.90
Soil conditioners	0.13	0.14	0.49	0.49
Manure	2.47	2.63	9.95	10.82
Chemicals	26.20	26.76	25.77	26.35
Custom operations	11.17	11.55	12.09	12.43
Fuel, lube, and electricity	23.06	29.29	22.31	26.46
Repairs	14.22	15.35	14.90	16.04
Purchased irrigation water	0.22	0.24	0.00	0.00
Interest on operating capital	0.82	1.31	0.86	1.37
Total, operating costs	156.53	170.78	163.39	176.04
Allocated overhead:				
Hired labor	3.14	3.20	3.72	3.97
Opportunity cost of unpaid labor	26.53	26.98	34.80	35.36
Capital recovery of machinery and equipment	56.67	61.25	60.99	65.68
Opportunity cost of land (rental rate)	89.20	92.14	68.88	71.20
Taxes and insurance	5.54	5.58	5.80	5.81
General farm overhead	12.17	12.41	16.22	16.46
Total, allocated overhead	193.25	201.56	190.41	198.48
Total, costs listed	349.78	372.34	353.80	374.52
Value of production less total costs listed	-30.16	-9.99	-51.48	-53.83
Value of production less operating costs	163.09	191.57	138.93	144.65
Supporting information:				
Yield (bushels per planted acre)	149	169	138	150
Price (dollars per bushel at harvest)	2.13	2.13	2.15	2.10
Enterprise size (planted acres) ²	236	236	138	138
Production practices: ²				
Irrigated (percent)	14	14	4	4
Dryland (percent)	86	86	96	96

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

² Developed from survey base year, 2001.

Livestock and products: Marketing year average prices received by farmers, 2001-2005

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>
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	0.402	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
2005	46.70	73.20	52.10	82.20	1,840	132.00	0.346	15.40	0.40

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, 2005-2006

2004-2005 Marketing years	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>
2005							
January	69.30	49.00	78.00	1,700	118.00	0.350	16.40
February	70.30	50.00	79.00		120.00	0.350	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	72.20	54.00	80.00	1,900	135.00	0.360	15.00
August	70.50	53.00	78.00		134.00	0.250	15.30
September	71.60	52.00	80.00		135.00	0.500	15.50
October	73.10	50.00	83.00	1,900	136.00	0.290	15.90
November	73.50	49.00	84.00		138.00	0.450	15.60
December	75.20	50.00	86.00		138.00	0.550	15.10
2006							
January	75.90	50.00	87.00	2,000	138.00	0.360	14.90
February	74.50	50.00	85.00		140.00	0.280	14.20
March	73.40	51.00	83.00		140.00	0.460	13.30
April	71.30	51.00	80.00	2,000	140.00	0.270	12.40
May	70.30	50.00	79.00		138.00	0.220	12.20
June	71.00	50.00	80.00		134.00	0.360	12.20
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.

Dry edible beans: Percent of sales by month, 2000-2005

Month	2000-01	2001-02	2002-03	2003-04	2004-05
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
September	10	5	12	25	31
October	23	13	27	14	20
November	14	23	16	18	4
December	28	18	4	8	5
January	10	11	4	4	3
February	4	9	2	4	5
March	5	7	8	6	5
April	1	4	2	3	3
May	2	2		10	1
June	1	2	3	3	2
July	1	1	4	3	2
August	1	5	18	2	19

Corn: Percent of sales by month, 2000-2005

Month	2000-01	2001-02	2002-03	2003-04	2004-05
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
October	9	9	15	7	11
November	14	27	23	20	21
December	12	8	10	21	12
January	12	10	14	13	11
February	7	4	8	8	7
March	7	3	6	6	5
April	6	5	6	5	4
May	4	3	6	3	5
June	5	5	3	5	7
July	11	10	4	4	6
August	7	9	3	4	6
September	6	7	2	4	5

Hay: Percent of sales by month, 2000-2005

Month	2000-01	2001-02	2002-03	2003-04	2004-05
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
June	12	18	16	13	14
July	12	17	13	12	12
August	8	16	8	11	9
September	5	6	5	8	6
October	7	6	7	7	6
November	10	7	8	8	8
December	12	6	11	8	9
January	8	6	9	8	10
February	9	6	9	8	9
March	8	4	6	7	7
April	6	4	5	6	6
May	3	4	3	4	4

Oats: Percent of sales by month, 2000-2005

Month	2000-01	2001-02	2002-03	2003-04	2004-05
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
July	9	19	16	9	2
August	37	19	50	55	28
September	6	4	7	8	32
October	3	3	5	6	3
November	4	2	1	2	2
December	4	6	2	2	4
January	9	5	2	2	3
February	8	2	1	2	4
March	4	28	5	5	4
April	3	2	4	5	5
May	4	6	6	1	4
June	9	4	1	3	9

Soybeans: Percent of sales by month, 2000-2005

Month	2000-01	2001-02	2002-03	2003-04	2004-05
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
September	6	2	5	3	5
October	25	25	30	40	20
November	11	20	9	7	16
December	9	6	9	11	7
January	14	9	10	11	7
February	6	4	9	6	10
March	5	6	5	6	8
April	7	2	7	4	5
May	8	2	5	2	5
June	5	7	6	3	11
July	3	9	3	5	3
August	1	8	2	2	3

Wheat: Percent of sales by month, 2000-2005

Month	2000-01	2001-02	2002-03	2003-04	2004-05
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
July	32	50	49	42	41
August	15	18	19	33	18
September	12	7	8	5	10
October	6	4	6	3	4
November	1	2	1	3	4
December	3	4	1	3	3
January	11	4	4	5	4
February	6	3	2	3	8
March	5	1	1	3	4
April	5	4	2		2
May	2	1	2		1
June	2	2	5		1

Crops: Marketing year average prices received by farmers, 2001-2005 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>
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	1.97	3.01	1.72	5.72	22.50	NA	6.95	94.50	97.50
2005	1.70	3.15	1.90	5.55	19.20	NA	7.65	88.50	92.00

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, 2005-2006

2004-2005 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>
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	1.60	5.83	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	1.93	2.79	1.96	5.37	23.70	24.80	6.80	104.00	105.00
December	1.88	2.80	2.10	5.44	23.60	24.80	6.95	99.00	100.00
2005									
January	2.00	2.79	2.21	5.38	27.10	26.10	7.15	104.00	105.00
February	1.86	2.95	2.15	5.31	22.30	23.15	7.50	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	8.75	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)		
July	2.17			6.81	20.40	21.10			
August	2.03			6.27	20.60	22.70			
September	1.83								
2005									
June								78.00	85.00
July		3.18	2.06				8.30	77.00	80.00
August		3.06	1.75				6.10	90.00	90.00
September		2.94	1.81	5.81	19.30	19.50	5.80	94.00	95.00
October	1.71	2.99	1.88	5.78	19.10	19.20	6.90	94.00	95.00
November	1.62	2.91	1.81	5.62	18.60	18.60	7.40	94.00	95.00
December	1.66	3.00	2.12	5.67	20.30	18.50	7.90	94.00	95.00
2006									
January	1.85	3.23	1.82	5.93	19.80	18.40	8.50	99.00	100.00
February	1.93	3.24	1.89	5.81	20.00	19.10	8.65	102.00	105.00
March	1.95	3.40	1.94	5.61	22.10	19.10	8.80	101.00	105.00
April	2.04	3.23	2.01	5.64	21.90	19.20	9.95	104.00	105.00
May	2.16	3.39	2.00	5.72	20.80	19.00	10.90	99.00	100.00
June	2.11	3.14	2.43	5.70	19.60	18.70	(¹)	89.00	95.00
July									
August									
September									

¹ Insufficient sales to establish a price.

² Price not published to avoid disclosure of individual firms.

Prices paid by farmers, 2002-2006¹

Item	Unit	2002	2003	2004	2005	2006
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Dairy feed, 16% protein ²	Ton	184	190	216	188	216
Hog concentrate, 38-42% protein ²	Ton	298	313	393	332	342
Soybean meal, 44% protein ²	Cwt	11.50	11.70	17.40	11.90	13.10
Gasoline, unleaded, bulk ²	Gallon	1.40	1.64	1.76	2.21	2.59
Diesel fuel ²	Gallon	1.00	1.28	1.32	1.97	2.29
Tractor, 110-129 hp ³	Each	63,700	63,800	65,700	68,500	70,900
Tractor, 200-280 hp, 4-wd ³	Each	132,000	133,000	141,000	142,000	150,000
Planter, row crop, 8-row ³	Each	29,000	30,000	32,000	31,400	34,100
Grain drill, press, 23-25 openers ³	Each	23,100	20,300	22,600	25,200	25,200
Combine, self-prop. w/ grain head, large cap. ³	Each	156,000	159,000	180,000	192,000	201,000
Ammonium nitrate ⁴	Ton	180	224	243	269	427
Muriate of potash 60-62% K ₂ O ⁴	Ton	161	162	178	242	271
Superphosphate, 44-46% P ₂ O ₅ ⁴	Ton	215	238	261	295	315
Anhydrous ammonia ⁴	Ton	254	368	387	429	543
Atrazine, 4#/gallon ³	Gallon	12.20	12.30	12.20	12.40	12.10
Roundup, 4#/gallon EC ³	Gallon	43.50	43.30	39.70	33.80	29.30
Harness, Surpass, 6.4-7#/gallon EC ³	Gallon	68.10	68.20	71.40	67.60	68.90
Dual, 8#/gallon EC ³	Gallon	99.00	104.00	106.00	108.00	107.00
Captan, 50% WP ³	Pound	3.76	3.50	3.52	3.65	3.87
Ziram, 76% WP ³	Pound	2.82	2.70	2.67	2.86	2.88
Guthion, 50% WP ³	Pound	10.60	10.60	10.70	10.80	11.40
Imidan, Prolate, 50% WP ³	Pound	7.30	7.40	7.45	8.32	8.44

EC=Emulsifiable concentrate. WP=Wettable powder.

¹ Regional and U.S. data only.

² Lake States region: Michigan, Minnesota, and Wisconsin.

³ United States.

⁴ North Central region: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, and Wisconsin.

Farm production expenses, 2001-2005

Item	2001	2002	2003	2004	2005
	<i>Million dollars</i>				
Feed purchased	368.2	344.2	410.9	426.9	407.6
Livestock and poultry purchased	55.4	42.0	40.7	53.2	67.7
Seed purchased	297.9	321.9	329.3	291.7	315.2
Fertilizers and lime	265.3	232.6	251.8	291.5	304.3
Pesticides	221.1	225.3	236.9	232.1	198.2
Petroleum fuel and oils	160.7	149.9	170.5	167.6	209.5
Electricity	59.3	73.0	51.9	77.6	58.8
Repair and maintenance of capital items	376.4	297.8	258.5	281.7	251.0
Machine hire and custom work	116.6	72.5	51.8	63.4	74.1
Contract and hired labor expenses	578.2	593.7	495.4	575.6	451.4
Marketing, storage, and transportation expenses	96.2	120.3	82.9	145.6	141.5
Capital consumption	592.8	614.0	635.9	683.0	712.4
Real estate and nonreal estate interest	243.9	236.8	226.0	231.5	268.1
Property taxes	242.9	227.6	226.6	196.1	204.8
Net rent received by nonoperator landlords	9.5	24.1	13.5	-19.7	61.2
Miscellaneous expenses	390.8	405.2	544.4	500.9	478.4
Total production expenses	4,075.4	3,980.9	4,027.0	4,198.6	4,204.2

Farm Labor

Hired farm workers: Annual average wage rates, 2001-2005

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>
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
2005	9.79	8.56	8.88

Agricultural Exports

Michigan ranked twenty-first in agricultural exports for fiscal year 2005. 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 six commodities accounted for approximately 80 percent of the State's agricultural exports. The total value of agricultural exports from Michigan in 2005 was estimated at \$961 million.

Michigan agricultural exports: Fiscal year 2005 ¹

Commodity	Value	Percent of total	Rank in U.S.
	<i>Million dollars</i>	<i>Percent</i>	<i>Number</i>
Soybeans and products	222.4	23.1	12
Feed grains and products	162.6	16.9	12
Vegetables and preparations	152.4	15.9	8
Fruits and preparations	85.6	8.9	5
Other ²	84.1	8.8	14
Dairy products	66.3	6.9	8
Wheat and products	59.8	6.2	27
Live animals and meat, excluding poultry	34.3	3.6	19
Hides and skins	27.1	2.8	14
Feeds and fodders	26.0	2.7	22
Poultry and products	17.8	1.9	25
Seeds	16.2	1.7	15
Fats, oils, and greases	6.2	0.6	15
Total	960.7		21

¹ Source: U.S. Department of Agriculture, Economic Research Service, www.ers.usda.gov/data/fatus.

² Sugar and tropical products, minor oilseeds, essential oils, beverages other than juice, nursery and greenhouse, wine, and miscellaneous vegetable products.

Michigan agricultural exports: Top 10 destinations, 2004-2005 ¹

Country	2004	2005
	<i>Thousand dollars</i>	<i>Thousand dollars</i>
Canada	188,492	190,213
Mexico	12,198	18,143
Japan	9,660	8,167
Italy	3,396	4,072
Austria	6,357	3,365
Ukraine	3,183	2,808
United Kingdom	1,716	2,111
Guatemala	961	1,662
Australia	261	1,288
Pakistan	52	1,269

¹ Source: U.S. Department of Commerce, International Trade Administration, www.ita.doc.gov.