

Rank in U.S. agriculture by selected commodities, 2007

Rank	Item	Unit	Quantity	Percent of U.S.	Leading state
			<i>Thousands</i>	<i>Percent</i>	
1	Beans, dry, black	Cwt	1,540	55.5	Michigan
	Beans, dry, cranberry	Cwt	88	71.0	Michigan
	Beans, dry, small red	Cwt	253	47.3	Michigan
	Blueberries	Pounds	93,000	32.8	Michigan
	Cherries, tart	Pounds	196,000	77.4	Michigan
	Cucumbers (for pickles)	Tons	156.4	30.8	Michigan
	Flowering hanging baskets	Number	6,070	20.7	Michigan
	Geraniums (seed and cuttings)	Pots	22,591	36.1	Michigan
	Grapes, Niagara	Tons	33.5	40.1	Michigan
	Impatiens	Flats	2,156	24.1	Michigan
	Petunias	Flats	1,515	22.1	Michigan
	Squash	Cwt	1,482	18.8	Michigan
	Vegetable type bedding plants	Flats	829	21.0	Michigan
	2	Beans, dry, all	Cwt	3,120	12.3
Carrots (fresh market)		Cwt	840	3.1	California
Celery		Cwt	927	4.6	California
Hostas		Pots	1,696	17.1	South Carolina
Marigolds		Flats	772	20.6	California
Plums		Tons	3.1	1.3	California
3	Apples	Pounds	770,000	8.4	Washington
	Asparagus	Cwt	235	21.1	California
	Beans, dry, navy	Cwt	990	26.0	North Dakota
	Beans, snap (processing)	Tons	78.6	10.2	Wisconsin
	Other herbaceous perennials	Pots	14,798	10.5	California
4	Beans, dry, light red kidney	Cwt	99	12.3	Nebraska
	Carrots (processing)	Tons	28.0	8.1	Washington
	Cherries, sweet	Tons	27.3	8.8	Washington
	Cucumbers (fresh market)	Cwt	858	9.2	Florida
	Grapes, all	Tons	100.1	1.4	California
	Grapes, Concord	Tons	61.0	12.3	Washington
	Sugarbeets	Tons	3,487	10.9	Minnesota
5	Beans, dry, dark red kidney	Cwt	18	2.7	Minnesota
6	Maple syrup	Gallons	60	4.8	Vermont
	Pumpkins	Cwt	575	5.2	Illinois
7	Milk	Pounds	7,598,000	4.1	California
9	Potatoes	Cwt	14,700	3.3	Idaho
12	Corn for grain	Bushels	291,400	2.2	Iowa
	Soybeans	Bushels	67,860	2.6	Iowa
14	Hogs, as of Dec. 1, 2007	Head	1,030	1.5	Iowa
	Wheat, winter	Bushels	35,100	2.3	Kansas
19	Cash receipts	Dollars	5,741,504	2.0	California
21	Hay, all	Tons	2,880	1.9	Texas
30	Cattle, as of Jan. 1, 2008	Head	1,060	1.1	Texas

Number of farms and land in farms by economic sales class, 2003-2007 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>						
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	
2006	31.1	14.8	3.3	1.8	2.0	53.0	
2007	30.4	14.9	3.3	2.0	2.2	52.8	
	<i>Million acres</i>	<i>Acres</i>					
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
2006	1.85	2.40	1.60	1.60	2.65	10.10	191
2007	1.75	2.30	1.65	1.55	2.75	10.00	189

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, 2004-2008

Year	Farm real estate average value per acre	Cropland		Pasture
		Average value per acre	Average cash rent per acre	Average value per acre
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
2004	2,920	2,550	62	1,800
2005	3,150	2,750	62	1,950
2006	3,500	3,000	65	2,150
2007	3,950	3,450	73	2,570
2008	4,150	3,700	80	2,800

Farm Income

Net farm income in 2007 rose 17 percent from last year to a record high \$1.53 billion. That includes \$140 million of government payments. The total agriculture output was \$6.65 billion dollars, up 22 percent from 2006. Production expenses were \$3.26 billion in 2007, up 26 percent from the previous year.

Preliminary cash receipts from 2007 marketings of Michigan crops, livestock and livestock products totaled \$5.74 billion, up 25 percent from 2006. Michigan ranked 19 nationally in total cash receipts.

Crop receipts, at \$3.37 billion, were up 15 percent from 2006. Increases were noted in the market value of field crops and fruit crops. Livestock cash receipts were up 43 percent from a year earlier to \$2.37 billion.

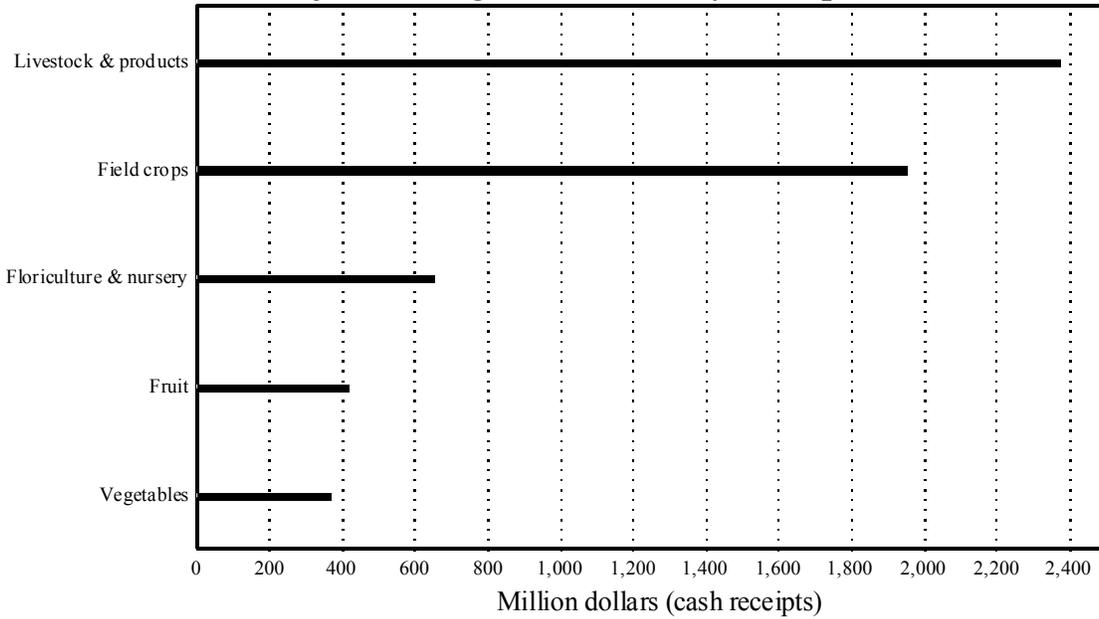
In 2007, the top ten Michigan commodities ranked by cash receipts were milk, corn floriculture and nursery, soybeans, cattle and calves, hogs, wheat, blueberries, eggs, and sugarbeets.

Government payments, 2003-2007 ¹

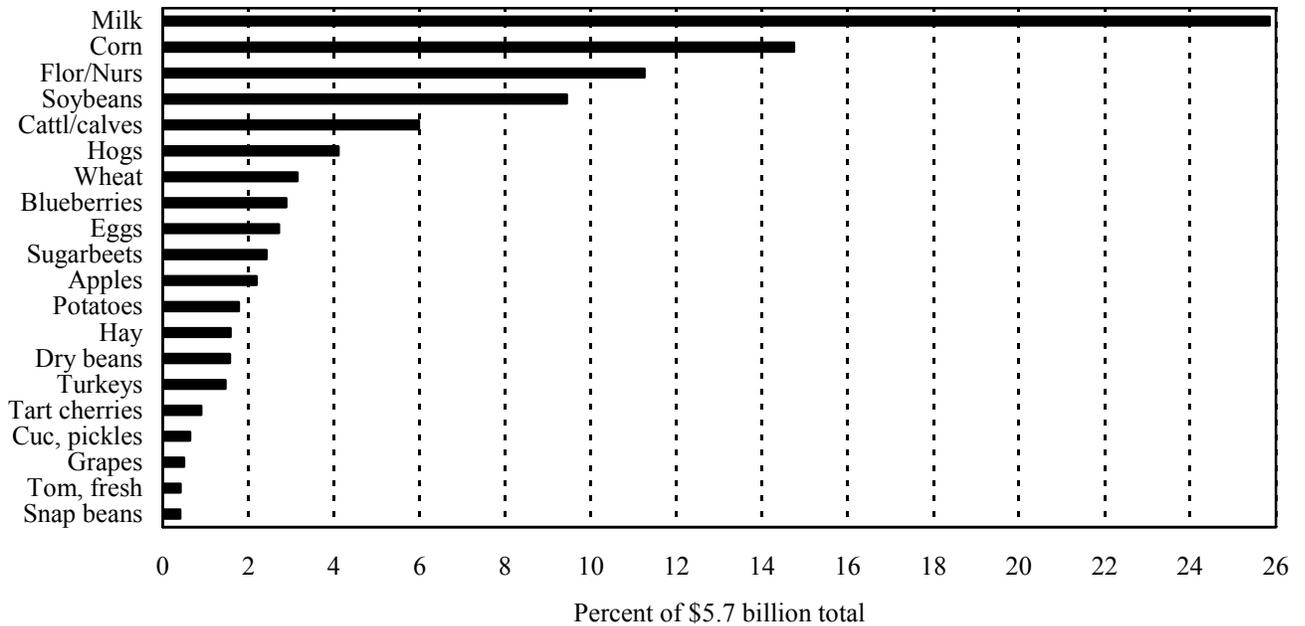
Program	2003	2004	2005	2006	2007
	<i>1,000 dollars</i>				
Conservation programs	32,084	32,595	41,846	51,279	45,926
Production flexibility contract payments	-5,402	-104	-2	NA	NA
Direct payments	122,094	89,513	89,782	85,952	86,971
Counter-cyclical payments	6,150	5,805	70,996	72,304	179
Loan deficiency payments	897	56,370	129,548	15,570	64
Miscellaneous programs	118	2,001	7,100	1,891	-63
Ad Hoc and emergency programs	61,660	20,729	47,859	1,829	3,300
Milk income loss payments	37,992	8,404	542	18,816	3,868
Total	255,593	215,313	387,671	247,641	140,245

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

Major Michigan Commodity Groups, 2007



Top 20 Commodities in Cash Receipts, 2007



Value added to the economy by the Michigan agricultural sector 2003-2007 ¹

Item ²	2003	2004	2005	2006	2007
	<i>Million dollars</i>				
Value of crop production	2,410.3	2,680.0	2,482.0	2,944.7	3,319.4
Food grains	139.0	118.5	117.0	148.6	180.9
Feed crops	500.6	507.3	469.9	676.4	942.0
Oil crops	421.0	377.5	433.1	465.9	542.6
Fruits and tree nuts	250.9	292.8	277.0	343.8	414.3
Vegetables, potatoes, dry beans	420.2	437.9	399.4	437.5	450.2
All other crops	754.7	787.6	803.2	859.0	844.4
Home consumption	3.9	1.8	2.6	1.3	0.9
Value of inventory adjustment ³	-80.0	156.7	-20.3	12.3	-56.0
Value of livestock production	1,452.7	1,750.0	1,773.6	1,706.8	2,391.9
Meat animals	385.1	522.5	511.5	502.2	582.2
Dairy products	795.7	1,022.8	1,031.0	938.3	1,484.4
Poultry and eggs	170.3	174.5	136.3	164.6	250.2
Miscellaneous livestock	50.8	49.4	49.0	50.5	50.2
Home consumption	6.3	11.4	8.9	9.8	11.3
Value of inventory adjustment ³	44.7	-30.6	36.8	41.4	13.6
Revenues from services and forestry	692.8	762.2	832.4	819.9	938.3
Machine hire and custom work	29.9	29.7	50.8	29.8	27.3
Forest products sold	11.9	11.9	11.9	11.9	11.9
Other farm income	172.3	210.5	216.7	165.0	196.5
Gross imputed rental value-farm dwellings	478.6	510.2	553.0	613.2	702.6
Value of agricultural sector production	4,555.8	5,192.2	5,088.0	5,471.4	6,649.6
less: Purchased inputs	2,438.0	2,482.2	2,516.5	2,578.2	3,258.8
Farm origin	780.5	771.8	783.8	854.1	1,096.8
Feed purchased	410.7	426.9	407.5	487.6	656.5
Livestock and poultry purchased	40.5	53.2	65.9	70.1	73.4
Seed purchased	329.3	291.7	310.5	296.4	366.9
Manufactured inputs	705.5	743.5	780.1	805.6	1,011.1
Fertilizers and lime	254.4	291.5	313.8	309.8	448.6
Pesticides	236.9	217.6	198.2	203.1	222.4
Petroleum fuel and oils	159.9	167.6	210.9	233.8	271.9
Electricity	54.3	66.9	57.2	59.0	68.2
Other purchased inputs	952.0	967.0	952.5	918.6	1,150.9
Repair and maintenance of capital items	278.5	280.0	258.9	279.2	305.2
Machine hire and custom work	39.9	55.7	74.8	63.5	86.9
Marketing, storage, and transp. expenses	86.7	129.7	171.3	107.2	160.7
Contract labor	32.5	31.3	16.3	21.8	38.9
Miscellaneous expenses	514.4	470.3	431.2	446.9	559.1
plus: Net government transactions	21.8	11.3	170.0	2.5	-91.8
plus: Direct Government payments	255.6	215.3	387.7	247.6	140.2
less: Motor vehicle reg. and licensing fees	7.3	7.9	8.5	9.9	9.8
less: Property taxes	226.6	196.1	209.2	235.3	222.2
Gross value added	2,139.6	2,721.3	2,741.6	2,895.7	3,299.0
less: Capital consumption	632.3	674.7	718.5	752.2	777.4
Net value added	1,507.3	2,046.6	2,023.1	2,143.4	2,521.6
less: Payments to stakeholders	695.6	742.5	778.6	844.0	995.1
Employee compensation (total hired labor)	475.4	553.2	480.2	493.1	647.7
Net rent received by nonoperator landlords	14.3	-14.9	65.4	85.6	63.8
Real estate and nonreal estate interest	206.0	204.2	233.1	265.2	283.6
Net farm income	811.7	1,304.1	1,244.5	1,299.5	1,526.4

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

² Value of agricultural sector production 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, regardless of ownership. 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 2003-2007 ¹

Item	2003	2004	2005	2006	2007
	<i>1,000 dollars</i>				
Total cash receipts	3,888,186	4,290,766	4,227,591	4,586,690	5,741,504
Total livestock and products	1,401,811	1,769,215	1,727,877	1,655,542	2,366,949
Meat animals	385,053	522,510	511,508	502,152	582,153
Cattle and calves	207,722	282,708	277,781	294,627	343,331
Hogs	173,671	236,002	229,852	204,514	235,516
Sheep and lambs	3,660	3,800	3,875	3,011	3,306
Dairy (milk)	795,690	1,022,825	1,031,030	938,315	1,484,395
Poultry and eggs	170,298	174,472	136,327	164,580	250,189
Eggs	93,613	94,313	61,870	73,097	155,469
Turkeys	68,760	69,560	67,500	82,156	83,904
Other	7,925	10,599	6,957	9,327	10,816
Miscellaneous livestock	50,770	49,408	49,012	50,495	50,212
Honey	6,782	4,965	4,243	4,633	5,253
Mink pelts	1,744	2,045	2,379	3,380	2,565
Trout	691	790	793	783	758
Other	41,553	41,608	41,597	41,699	41,636
Total crops	2,486,375	2,521,551	2,499,714	2,931,148	3,374,555
Field crops	1,278,493	1,186,181	1,242,800	1,549,624	1,949,779
Corn	437,210	445,751	371,784	579,356	846,530
Dry beans	63,264	60,779	75,499	74,675	89,702
Hay	58,269	57,800	93,415	92,991	90,711
Soybeans	420,346	376,716	432,343	464,956	541,591
Sugarbeets	124,780	90,790	111,387	142,384	138,957
Wheat	138,470	117,925	116,029	147,556	180,208
Other	36,154	36,420	42,343	47,706	62,080
Vegetables	356,908	377,137	323,881	362,845	360,527
Asparagus	19,278	17,468	12,006	14,866	15,417
Beans, snap	11,208	18,660	23,135	17,723	23,192
Carrots	21,907	17,899	18,666	17,293	15,400
Celery	17,641	15,215	10,493	19,920	12,271
Corn, sweet	14,193	13,904	16,000	16,434	14,315
Cucumbers, fresh	20,890	22,274	14,976	16,354	15,358
Cucumbers, pickles	36,180	35,363	26,611	33,492	35,961
Onions	11,065	10,518	8,128	8,815	11,933
Peppers, green, fresh	9,900	13,572	9,016	9,126	10,296
Potatoes	87,400	93,739	87,590	98,969	101,481
Pumpkins	14,308	13,104	9,048	9,405	6,900
Squash	15,314	16,240	16,337	14,994	14,079
Tomatoes, fresh	16,456	26,208	16,720	23,000	23,667
Tomatoes, processing	10,408	8,789	8,789	10,049	10,098
Other	50,760	54,184	55,155	52,405	50,159
Fruit	250,887	292,751	277,014	343,834	414,307
Apples	79,303	96,272	90,298	109,834	125,806
Blueberries	63,105	97,210	83,500	149,655	165,456
Grapes	21,086	13,690	21,518	9,357	27,950
Peaches	7,790	10,274	7,982	13,066	16,298
Strawberries	6,320	4,005	4,878	6,285	4,668
Sweet cherries	10,795	16,311	16,732	15,492	17,709
Tart cherries	57,938	49,861	47,555	34,697	50,905
Other	4,550	5,128	4,551	5,448	5,515
Miscellaneous crops	19,897	17,327	7,117	4,325	3,985
Floriculture and nursery	580,190	648,155	648,902	670,520	645,957

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, 2005-2006

Item	United States		Northern Crescent ¹	
	2005	2006	2005	2006
	<i>Dollars per planted acre</i>			
Gross value of production	260.43	445.71	261.88	345.61
Operating costs				
Seed	40.47	43.55	41.23	43.83
Fertilizer	69.35	80.17	78.36	89.27
Chemicals ²	22.84	23.62	19.95	20.77
Custom operations	9.97	10.58	12.46	13.03
Fuel, lube, and electricity	26.50	28.73	25.29	27.98
Repairs	14.00	14.45	14.10	14.60
Purchased irrigation water	0.12	0.12	0.02	0.02
Interest on operating capital	3.12	4.76	3.25	4.95
Total, operating costs	186.37	205.98	194.66	214.45
Allocated overhead				
Hired labor	2.08	2.19	3.03	3.14
Opportunity cost of unpaid labor	22.02	23.56	31.78	32.94
Capital recovery of machinery and equipment	64.02	66.71	60.53	63.68
Opportunity cost of land (rental rate)	93.27	90.84	77.15	75.90
Taxes and insurance	6.51	7.01	9.00	9.47
General farm overhead	12.61	13.45	17.67	18.30
Total, allocated overhead	200.51	203.76	199.16	203.43
Total, costs listed	386.88	409.74	393.82	417.88
Value of production less total costs listed	-126.45	35.97	-131.94	-72.27
Value of production less operating costs	74.06	239.73	67.22	131.16
Supporting information				
Yield (bushels per planted acre)	149	138	147	106
Price (dollars per bushel at harvest)	1.74	3.22	1.76	3.23
Enterprise size (planted acres) ³	250	250	128	128
Production practices ³				
Irrigated (percent)	12	12	5	5
Dryland (percent)	88	88	95	95

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

² Includes soil conditioners and manure.

³ Developed from survey base year, 2005.

Soybean production costs and returns, excluding direct Government payments, 2005-2006

Item	United States		Northern Crescent ¹	
	2005	2006	2005	2006
	<i>Dollars per planted acre</i>			
Gross value of production	264.57	254.12	248.25	252.85
Operating costs				
Seed	32.62	34.06	31.69	31.15
Fertilizer	10.06	11.08	15.28	16.86
Soil conditioners	0.13	0.14	0.27	0.31
Manure	0.6	0.67	2.3	2.61
Chemicals	13.59	14.16	13.64	14.46
Custom operations	6.67	7.02	9.81	10.42
Fuel, lube, and electricity	13.62	15.75	15.1	17.55
Repairs	11.29	11.6	12.82	13.2
Purchased irrigation water	0.13	0.15	0	0
Interest on operating capital	1.5	2.23	1.7	2.51
Total, operating costs	90.21	96.86	102.61	109.07
Allocated overhead				
Hired labor	2.03	2.12	3.3	3.42
Opportunity cost of unpaid labor	16.77	16.81	22.25	22.74
Capital recovery of machinery and equipment	50.17	51.47	55.8	57.43
Opportunity cost of land (rental rate)	86.68	88.25	71.96	74.43
Taxes and insurance	6.06	6.57	7.75	8.32
General farm overhead	12.47	12.54	15.06	15.18
Total, allocated overhead	174.18	177.76	176.12	181.52
Total, costs listed	264.39	274.62	278.73	290.59
Value of production less total costs listed	0.18	-20.5	-30.48	-37.74
Value of production less operating costs	174.36	157.26	145.64	143.78
Supporting information				
Yield (bushels per planted acre)	47	46	43	46
Price (dollars per bushel at harvest)	5.68	5.54	5.72	5.48
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.

Milk production costs and returns, 2005

Item	Indiana	Michigan	New York	Ohio	Pennsylvania	Wisconsin	United States
	<i>Dollars per cwt sold</i>						
Gross value of production							
Milk sold	15.48	15.67	15.91	15.54	16.02	15.92	15.23
Cattle	1.36	1.56	1.11	1.41	1.17	1.28	1.30
Other income ¹	0.51	0.48	0.55	0.44	0.47	0.48	0.50
Total, gross value of production	17.35	17.71	17.57	17.39	17.66	17.68	17.03
Operating costs							
Feed							
Purchased feed	4.30	3.98	3.93	4.17	4.10	3.60	5.03
Homegrown harvested feed	2.90	3.67	4.83	3.32	4.97	4.32	3.02
Grazed feed	0.09	0.04	0.10	0.08	0.12	0.10	0.09
Total, feed costs	7.29	7.69	8.86	7.57	9.19	8.02	8.14
Other							
Veterinary and medicine	0.98	0.93	0.80	1.01	1.02	0.94	0.78
Bedding and litter	0.38	0.22	0.44	0.34	0.56	0.23	0.22
Marketing	0.22	0.21	0.23	0.26	0.30	0.20	0.26
Custom services	0.65	0.44	0.52	0.47	0.56	0.37	0.41
Fuel, lube, and electricity	0.61	0.62	0.75	0.56	0.75	0.56	0.55
Repairs	0.67	0.71	0.77	0.69	0.76	0.62	0.56
Interest on operating capital	0.18	0.18	0.21	0.18	0.22	0.18	0.18
Total, operating cost	10.98	11.00	12.58	11.08	13.36	11.12	11.10
Allocated overhead							
Hired labor	1.22	1.55	1.75	1.36	0.89	1.40	1.47
Opportunity cost of unpaid labor	2.92	1.98	3.63	3.43	4.22	3.30	2.30
Capital recovery of machinery and equipment ²	3.20	3.12	3.60	3.68	3.19	2.97	2.83
Opportunity cost of land (rental rate)	0.05	0.03	0.02	0.06	0.05	0.03	0.03
Taxes and insurance	0.20	0.22	0.28	0.22	0.27	0.29	0.21
General farm overhead	0.50	0.80	0.74	0.66	0.63	0.69	0.52
Total, allocated overhead	8.09	7.70	10.02	9.41	9.25	8.68	7.36
Total costs listed	19.07	18.70	22.60	20.49	22.61	19.80	18.46
Value of production less total costs listed	-1.72	-0.99	-5.03	-3.10	-4.95	-2.12	-1.43
Value of production less operating costs	6.37	6.71	4.99	6.31	4.30	6.56	5.93
Supporting information							
Milk cows (head per farm)	130	145	119	97	85	92	155
Output per cow (pounds)	17,750	20,664	18,835	17,912	19,069	19,581	18,951

¹ Income from renting or leasing dairy stock to other operations; renting space to other dairy operations; co-op patronage dividends associated with the dairy; assessment rebates, refunds, and other dairy-related resources; and the fertilizer value of manure production.

² Machinery and equipment, and housing, manure handling, and feed storage structures, and dairy breeding herd.

Livestock and products: Marketing year average prices received by farmers, 2003-2007

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>
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
2006	42.00	71.90	49.10	81.60	1,930	134.00	0.366	13.30	0.47
2007	41.10	75.80	49.30	87.00	1,910	118.00	0.727	19.70	0.46

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, 2007-2008

Month	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>
2007							
January	69.40	44.50	80.00	1,800	114.00	0.770	15.00
February	71.80	48.00	82.00		114.00	0.630	15.30
March	76.00	49.00	87.50		114.00	0.640	16.00
April	78.70	50.00	91.00	1,800	120.00	0.540	16.90
May	80.70	52.00	93.00		125.00	0.590	18.20
June	78.30	51.00	90.00		125.00	0.480	20.40
July	75.50	51.00	86.00	1,950	122.00	0.800	22.50
August	77.20	52.00	88.00		120.00	0.710	22.80
September	76.90	51.00	88.00		120.00	0.960	22.70
October	75.60	49.00	87.00	2,100	118.00	0.800	22.20
November	73.30	46.00	85.00		116.00	1.170	22.30
December	75.00	47.00	87.00		112.00	1.290	21.90
2008							
January	75.60	49.00	87.00	2,200	103.00	1.170	21.30
February	76.80	53.00	87.00		104.00	1.200	19.70
March	76.80	53.00	87.00		103.00	1.290	18.20
April	76.50	52.00	87.00	2,200	103.00	0.800	18.40
May	78.80	55.00	89.00		105.00	0.660	18.70
June	79.80	56.00	90.00		105.00	0.960	19.80
July	81.50	57.00	92.00	2,200	100.00	0.680	20.30
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, 2002-2007

Month	2002-03	2003-04	2004-05	2005-06	2006-07
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
September	12	25	31	23	25
October	27	14	20	29	23
November	16	18	4	6	9
December	4	8	5	6	3
January	4	4	3	5	4
February	2	4	5	3	2
March	8	6	5	3	2
April	2	3	3	1	3
May		10	1	2	2
June	3	3	2	7	25
July	4	3	2	1	1
August	18	2	19	14	1

Corn: Percent of sales by month, 2002-2007

Month	2002-03	2003-04	2004-05	2005-06	2006-07
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
October	15	7	11	17	11
November	23	20	21	13	25
December	10	21	12	9	11
January	14	13	11	11	13
February	8	8	7	8	7
March	6	6	5	6	4
April	6	5	4	8	5
May	6	3	5	6	4
June	3	5	7	5	6
July	4	4	6	5	5
August	3	4	6	6	4
September	2	4	5	6	5

Hay: Percent of sales by month, 2002-2007

Month	2002-03	2003-04	2004-05	2005-06	2006-07
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
June	16	13	14	14	14
July	13	12	12	15	15
August	8	11	9	13	13
September	5	8	6	13	13
October	7	7	6	13	13
November	8	8	8	5	5
December	11	8	9	5	5
January	9	8	10	5	5
February	9	8	9	5	5
March	6	7	7	4	4
April	5	6	6	4	4
May	3	4	4	4	4

Oats: Percent of sales by month, 2002-2007

Month	2002-03	2003-04	2004-05	2005-06	2006-07
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
July	16	9	2	26	13
August	50	55	28	40	43
September	7	8	32	3	7
October	5	6	3	2	5
November	1	2	2	2	1
December	2	2	4	3	5
January	2	2	3	5	6
February	1	2	4	7	5
March	5	5	4	6	8
April	4	5	5	3	3
May	6	1	4	1	1
June	1	3	9	2	3

Soybeans: Percent of sales by month, 2002-2007

Month	2002-03	2003-04	2004-05	2005-06	2006-07
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
September	5	3	5	13	4
October	30	40	20	28	24
November	9	7	16	5	19
December	9	11	7	7	7
January	10	11	7	9	11
February	9	6	10	5	7
March	5	6	8	6	5
April	7	4	5	6	4
May	5	2	5	7	5
June	6	3	11	4	7
July	3	5	3	5	4
August	2	2	3	5	3

Wheat: Percent of sales by month, 2002-2007

Month	2002-03	2003-04	2004-05	2005-06	2006-07
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
July	49	42	41	48	53
August	19	33	18	19	16
September	8	5	10	8	7
October	6	3	4	3	7
November	1	3	4	2	1
December	1	3	3	3	2
January	4	5	4	4	4
February	2	3	8	5	2
March	1	3	4	4	3
April	2		2	1	2
May	2		1	2	1
June	5		1	1	2

Crops: Marketing year average prices received by farmers, 2003-2007¹

Marketing 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>
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	1.88	3.13	1.89	5.73	19.60	NA	7.90	90.00	92.00
2006	3.10	3.41	1.93	6.27	21.10	NA	8.35	94.00	97.00
2007	3.95	5.35	2.60	9.85	28.50	NA	8.40	117.00	119.00

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, 2006-2007 marketing years

2006-2007 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>
2006									
June								93.00	95.00
July		3.28	1.83				10.00	87.00	90.00
August		3.11	1.70				7.75	83.00	85.00
September		3.23	1.68	5.32	19.20	18.20	7.00	93.00	95.00
October	2.42	3.76	1.88	5.47	18.80	17.80	6.75	98.00	100.00
November	2.83	4.06	2.26	5.98	19.70	17.90	8.05	96.00	100.00
December	2.97	4.18	1.99	6.09	20.10	17.70	8.45	100.00	105.00
2007									
January	3.20	3.88	1.93	6.28	20.80	19.40	8.75	103.00	110.00
February	3.42	3.78	2.43	6.81	24.90	21.10	9.00	105.00	110.00
March	3.37	3.72	2.59	6.67	24.20	21.20	9.45	105.00	110.00
April	3.36	3.96	2.49	6.79	24.60	23.00	10.40	100.00	105.00
May	3.49	4.02	2.61	7.10	24.30	23.50	10.40	100.00	105.00
June	3.75	4.41	2.67	7.45	24.00	23.80	(¹)		
July	3.38			7.56	28.10	24.40			
August	3.30			7.57	26.90	26.60			
September	3.38								
2007									
June								97.00	100.00
July		4.74	2.51				11.50	100.00	105.00
August		5.44	2.47				6.70	108.00	110.00
September		6.08	2.81	8.05	26.00	22.90	6.50	115.00	120.00
October	3.18	6.60	2.86	8.25	27.90	27.70	6.55	123.00	130.00
November	3.37	6.42	3.45	8.99	30.80	29.70	8.15	135.00	140.00
December	3.81	6.66	3.13	9.21	33.50	29.30	8.45	137.00	140.00
2008									
January	4.08	5.78	3.53	10.10	30.80	29.80	8.80	142.00	145.00
February	4.71	7.71	3.67	11.90	37.20	33.40	9.40	143.00	145.00
March	4.82	7.39	4.19	10.90	40.00	36.00	9.90	148.00	150.00
April	5.10	5.57	3.98	11.40	42.10	41.00	10.50	160.00	165.00
May	5.45	5.18	4.20	12.00	41.60	39.00	10.80	151.00	155.00
June	5.88	6.25	4.01	13.10	43.00	38.40	(¹)		
July	5.47			13.90	42.50	44.50			
August									
September									

¹ Insufficient sales to establish a price.

Prices paid by farmers, 2004-2008 ¹

Item	Unit	2004	2005	2006	2007	2008
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Dairy feed, 16% protein ²	Ton	216	188	216	241	310
Hog concentrate, 38-42% protein ²	Ton	393	332	342	366	493
Soybean meal, 44% protein ²	Cwt	17.4	11.9	13.1	14.4	22.1
Gasoline, unleaded, bulk ²	Gallon	1.76	2.21	2.59	2.62	3.27
Diesel fuel ²	Gallon	1.32	1.97	2.29	2.47	3.61
Tractor, 110-129 hp ³	Each	65,700	68,500	70,900	74,000	76,100
Tractor, 200-280 hp, 4-wd ³	Each	141,000	142,000	150,000	154,000	176,000
Planter, row crop, 8-row ³	Each	32,000	31,400	34,100	33,500	38,000
Grain drill, press, 23-25 openers ³	Each	22,600	25,200	25,200	26,100	26,900
Combine, self-prop. w/ grain head, large cap. ³	Each	180,000	192,000	201,000	213,000	230,000
Ammonium nitrate ⁴	Ton	243	269	427	364	504
Muriate of potash 60-62% K ₂ O ⁴	Ton	178	242	271	277	562
Superphosphate, 44-46% P ₂ O ₅ ⁴	Ton	261	295	315	409	779
Anhydrous ammonia ⁴	Ton	387	429	543	536	769
Atrazine, 4#/gallon ³	Gallon	12.2	12.4	12.1	12.2	15.3
Roundup, 4#/gallon EC ³	Gallon	39.7	33.8	29.3	28.9	40.5
Harness, Surpass, 6.4-7#/gallon EC ³	Gallon	71.4	67.6	68.9	69.2	71.7
Dual, 8#/gallon EC ³	Gallon	106	108	107	(⁵)	(⁵)
Captan, 50% WP ³	Pound	3.52	3.65	3.87	4.59	5.51
Ziram, 76% WP ³	Pound	2.67	2.86	2.88	3.08	3.35
Guthion, 50% WP ³	Pound	10.7	10.8	11.4	11.7	11.6
Imidan, Prolate, 50% WP ³	Pound	7.45	8.32	8.44	9.05	8.92

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.

⁵ Discontinued in 2007.

Farm production expenses, 2003-2007

Item	2003	2004	2005	2006	2007
	<i>Million dollars</i>				
Feed purchased	410.7	426.9	407.5	487.6	656.5
Livestock and poultry purchased	40.5	53.2	65.9	70.1	73.4
Seed purchased	329.3	291.7	310.5	296.4	366.9
Fertilizers and lime	254.4	291.5	313.8	309.8	448.6
Pesticides	236.9	217.6	198.2	203.1	222.4
Petroleum fuel and oils	159.9	167.6	210.9	233.8	271.9
Electricity	54.3	66.9	57.2	59.0	68.2
Repair and maintenance of capital items	278.5	280.0	258.9	279.2	305.2
Machine hire and custom work	39.9	55.7	74.8	63.5	86.9
Contract and hired labor expenses	507.8	584.5	496.5	514.9	686.6
Marketing, storage, and transportation expenses	86.7	129.7	171.3	107.2	160.7
Capital consumption	632.3	674.7	718.5	752.2	777.4
Real estate and nonreal estate interest	206.0	204.2	233.1	265.2	283.6
Property taxes	226.6	196.1	209.2	235.3	222.2
Net rent received by nonoperator landlords	14.3	-14.9	65.4	85.6	63.8
Miscellaneous expenses	514.4	470.3	431.2	446.9	559.1
Total production expenses	3,992.5	4,095.5	4,222.7	4,409.7	5,253.6

Farm Labor

Hired farm workers: Annual average wage rates, 2003-2007

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>
2003	9.74	8.42	8.86
2004	9.40	8.32	8.65
2005	9.79	8.57	8.89
2006	9.95	9.20	9.22
2007 ¹	10.87	10.12	10.01

¹ Lake States region: Michigan, Minnesota, and Wisconsin.

Agricultural Exports

Michigan ranked twentieth in agricultural exports for fiscal year 2007. 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 79 percent of the State's agricultural exports. The total value of agricultural exports from Michigan in 2007 was estimated at \$1.2 billion.

Michigan agricultural exports: Fiscal year 2007¹

Commodity	Value	Percent of total	Rank in U.S.
	<i>Million dollars</i>	<i>Percent</i>	<i>Number</i>
Soybeans and products	289.5	23.4	12
Feed grains and products	242.0	19.6	13
Other ²	221.7	17.9	11
Fruits and preparations	122.0	9.9	5
Vegetables and preparations	106.2	8.6	9
Wheat and products	74.7	6.0	27
Live animals and meat, excluding poultry	65.2	5.3	19
Hides and skins	39.5	3.2	13
Feeds and fodders	30.0	2.4	25
Poultry and products	21.0	1.7	25
Seeds	13.2	1.1	19
Fats, oils, and greases	11.8	1.0	13
Total	1,236.7		20

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, 2006-2007¹

Country	2006	2007
	<i>Thousand dollars</i>	<i>Thousand dollars</i>
Canada	183,408	211,897
Mexico	26,690	29,864
Japan	11,779	12,152
Austria	2,921	10,343
United Kingdom	2,226	6,925
Saudi Arabia	1,317	6,467
Italy	2,012	5,034
South Korea	3,194	4,265
Germany	1,916	2,646
China	1,502	2,238

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