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UNITED STATES DEPARTMENT OF AGRICULTURE

USDA, NASS, Michigan Field Office  
Michigan Department of Agriculture

# Michigan 2004-2005 Highlights



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### Introduction

The "Michigan 2004-2005 Highlights" contains a summary of information included in the complete "Michigan Agricultural Statistics 2004-2005" publication. State budget constraints limited the number of copies printed. The entire publication, including the Michigan Department of Agriculture 2004 Annual Report, can be viewed and printed from the USDA, NASS, Michigan Field Office home page at [www.nass.usda.gov/mi](http://www.nass.usda.gov/mi) under "Releases and Publications."

### Number of farms and land in farms, 2003-2004

Item	Unit	2003	2004
Farms	1,000 farms	53.3	53.2
Land in farms	Million acres	10.1	10.1
Average size of farms	Acres	189	190

### Farm real estate: Values and cash rents, 2004-2005

Item	Unit	2004	2005
Farm real estate average value per acre	Dollars	2,920	3,150
Cropland average value per acre	Dollars	2,550	2,750
Cropland average cash rent per acre	Dollars	62	62

### Growing Season Weather Summary

Dr. Jeff Andresen, Michigan State University

The 2004 growing season was generally characterized by weather extremes across Michigan, particularly the overabundance of precipitation. During the preceding winter, above average snowfall and snow cover provided protection for most overwintering crops against extreme cold.

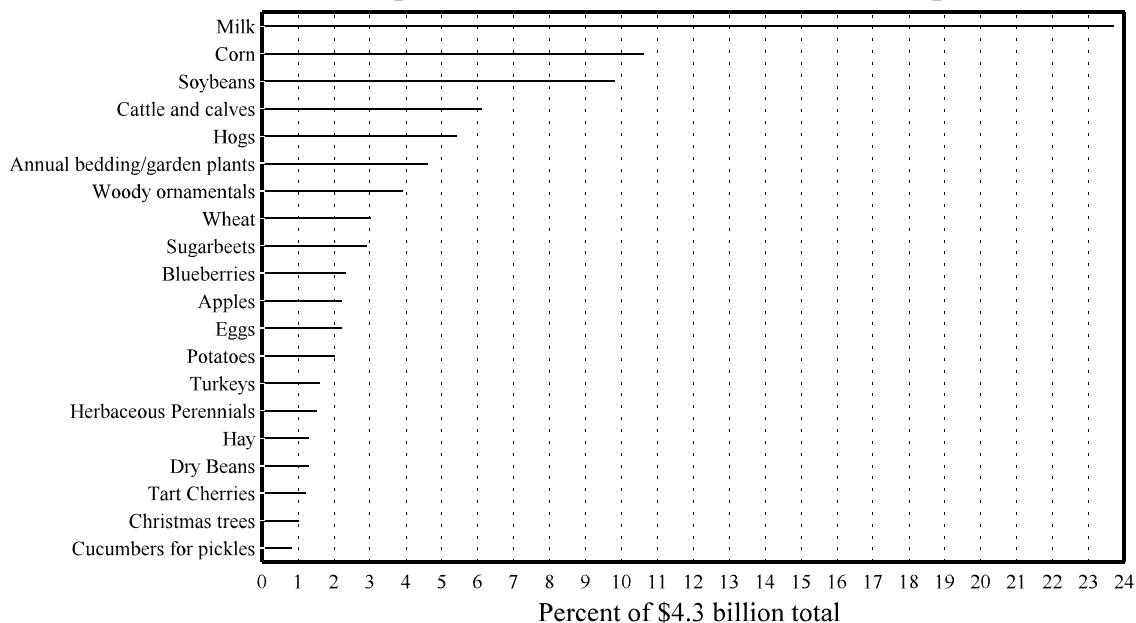
During the first week in May, jet stream flow across North America took on a southwest to northeast configuration with a broad ridge along the U.S. border with Canada. Ample Gulf of Mexico moisture transported northward on southerly winds resulted in persistent heavy rain and severe weather on an almost daily basis across Michigan through early June. The persistent wet weather led to major planting delays, soil nitrogen losses, and difficulties in post-planting herbicide applications.

Drier weather finally returned by mid-June, but cloudy and cool conditions slowed crop growth and evapotranspiration rates. The change in weather was associated with the development of an upper air troughing pattern across the Great Lakes region which persisted through much of July and August, resulting in prolonged unusually cool, dry weather.

During the first week in September, the mean jet stream pattern across the region changed again, with the formation of a large ridge across much of the central and eastern U.S. Mean temperatures for the month ranged from 2 to 8 degrees F. above normal, caused a rapid acceleration in crop development, and likely spared growers significant reductions in yield and grain quality that might have occurred if the crops had failed to reach maturity before the end of the growing season.

Overall, for the 5-month May to September period, precipitation totals ranged from slightly below normal levels in northern sections of the State to much above normal in the south. Mean temperatures for the period were deceptively close to normal, the result of the averaging out of prolonged periods of much warmer and much cooler than normal weather.

### Top 20 Commodities in Cash Receipts, 2004



**Michigan commodities ranked first in U.S. agriculture, 2004**

Item	Unit	Quantity	Percent of U.S.
		<i>1,000</i>	<i>Percent</i>
Beans, dry, black	Cwt	1,290	69.0
Beans, dry, cranberry	Cwt	130	72.2
Beans, dry, light red kidney	Cwt	212	26.2
Beans, dry, navy	Cwt	970	45.3
Beans, dry, small red	Cwt	261	43.4
Blueberries	Pounds	80,000	35.2
Cherries, tart	Pounds	149,000	70.0
Cucumbers (for pickles)	Tons	172.5	29.4
Flowering hanging baskets	Number	5,050	11.4
Geraniums (seed and cuttings)	Pots	21,827	22.0
Impatiens	Flats	2,309	18.4
Petunias	Flats	1,662	15.1

**Cash receipts by commodity groups and selected commodities 2000-2004 <sup>1</sup>**

Item	2000	2001	2002	2003	2004
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
<b>Total cash receipts</b>	3,337,131	3,514,867	3,455,009	3,882,079	4,312,320
<b>Total livestock and products</b>	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
<b>Total crops</b>	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

<sup>1</sup> Source: U.S. Department of Agriculture, Economic Research Service.

**Crop acreage, production, price, and value, 2003-2004**

Crop	Unit	2003				2004			
		Harvested	Production	Price	Value of production	Harvested	Production	Price	Value of production
		<i>1,000 acres</i>	<i>1,000</i>	<i>Dollars</i>	<i>Million dollars</i>	<i>1,000 acres</i>	<i>1,000</i>	<i>Dollars</i>	<i>Million dollars</i>
Field and misc. crops		6,433	NA	NA	1,768.6	6,384	NA	NA	1,588.4
Corn for grain	Bushels	2,030	259,840	2.37	615.8	1,920	257,280	1.80	463.1
All hay	Tons	1,050	3,120	93.00	295.2	1,100	3,270	93.50	302.9
Soybeans	Bushels	1,990	54,725	7.30	399.5	1,980	75,240	5.05	380.0
All dry beans	Cwt	165	2,475	19.30	47.8	185	3,145	22.80	71.7
All wheat	Bushels	660	44,880	3.25	145.9	640	40,960	3.00	122.9
All potatoes	Cwt	45.5	15,015	7.05	105.9	42.0	13,650	6.70	91.5
Sugarbeets	Tons	178	3,400	36.70	124.8	163	3,439	( <sup>1</sup> )	( <sup>1</sup> )
Oats	Bushels	75	5,250	1.65	8.7	65	4,420	1.60	7.1
Barley	Bushels	14	784	1.70	1.3	12	612	1.50	0.9
Maple syrup <sup>2</sup>	Gallons	360	59	31.20	1.8	370	80	38.00	3.0
Peppermint	Pounds	1.1	44	11.00	0.5	1.0	45	10.90	0.5
Spearmint	Pounds	1.6	64	9.50	0.6	1.6	72	9.30	0.7
Fruits and nuts		113	NA	NA	277.1	115	NA	NA	282.4
Vegetables		117	NA	NA	226.8	121	NA	NA	245.8
Principal crops		6,663	NA	NA	2,272.5	6,620	NA	NA	2,116.6

<sup>1</sup> The 2004 price and value will be published in "Crop Values" February 2006.

<sup>2</sup> Harvested taps.

**Fruit Summary, 2003-2004**

Fruit	Bearing acres		Total production	
	2003	2004	2003	2004
	<i>Acres</i>	<i>Acres</i>	<i>Million pounds</i>	<i>Million pounds</i>
Apples	41,500	41,000	890.0	760.0
Tart cherries	27,000	27,000	154.0	149.0
Peaches	5,000	5,200	47.0	37.4
Blueberries <sup>1</sup>	15,900	17,400	62.0	80.0
Strawberries <sup>1</sup>	1,100	900	6.3	4.1
	<i>Acres</i>	<i>Acres</i>	<i>Thousand tons</i>	<i>Thousand tons</i>
Sweet cherries	8,100	8,100	13.0	24.7
Grapes	13,200	13,900	94.5	62.5
Pears	800	850	4.8	3.5
Plums	800	750	3.60	2.50

<sup>1</sup> Harvested acres.

**Vegetable Summary, 2003-2004**

Item	Harvested		Production	
	2003	2004	2003	2004
	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
Fresh market				
Asparagus <sup>1</sup>	15,000	14,500	317	290
Beans, snap	4,000	4,100	160	185
Cabbage	1,800	1,600	576	432
Carrots	4,200	4,200	1,470	1,302
Celery <sup>1</sup>	2,200	2,200	1,166	1,232
Corn, sweet	9,500	9,500	855	713
Cucumbers	6,400	7,400	1,024	1,295
Onions	3,600	3,200	1,152	928
Peppers, bell <sup>1</sup>	1,800	1,800	450	522
Pumpkins <sup>1</sup>	7,300	7,200	1,022	1,008
Squash <sup>1</sup>	6,200	7,000	1,178	1,120
Tomatoes	2,200	2,100	484	546
	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>
Processing				
Beans, snap	14,300	17,300	45,010	61,280
Carrots	1,600	1,300	38,400	32,500
Cucumbers	33,500	34,500	180,900	172,500
Tomatoes	3,300	3,500	125,400	108,500

<sup>1</sup> Dual purpose crops. Processing included in fresh market.

**Horticulture**

Michigan placed third nationally in value of wholesale sales of floriculture products in 2004, behind California and Florida. Reports from Michigan's 711 commercial growers showed an estimated wholesale value of \$371 million, up 8 percent from last year.

The leading crop categories for Michigan were:  
 First, annual bedding/garden plants with \$188 million in sales.  
 Second, herbaceous perennial plants with \$62 million in sales.  
 Third, propagative materials with \$58 million in sales.  
 Fourth, potted flowering plants with \$32 million in sales.

**Cattle inventory, January 1, 2004-2005**

Class	2004	2005
	<i>1,000 head</i>	<i>1,000 head</i>
All cattle and calves	1,030	1,010
Cows	385	400
Beef	85	93
Milk	300	307
Replacement heifers	211	207
Beef	30	35
Milk	130	125
Other	51	47
Steers 500 pounds and over	215	200
Bulls 500 pounds and over	19	18
Calves under 500 pounds	200	185
Cattle on feed	210	190

**Hogs and pigs: Inventory, production, and value, 2003-2004**

Item	Unit	2003	2004
December 1 inventory	1,000 head	950	950
Production <sup>1</sup>	1,000 pounds	478,977	480,741
Marketings <sup>2</sup>	1,000 pounds	484,225	499,900
Value of production	1,000 dollars	165,113	217,539

<sup>1</sup> Adjustments made for changes in inventory and for shipments.

<sup>2</sup> Excludes custom slaughter for use on farms where produced and inter-farm sales within the state.

**Sheep inventory, January 1, 2004-2005**

Class	2004	2005
	<i>1,000 head</i>	<i>1,000 head</i>
All sheep and lambs	83	83
Breeding sheep and lambs	59	59
Ewes	43	45
Rams	3	2
Replacement lambs	13	12
Total market sheep and lambs	24	24
Previous year's lamb crop	60	55

**Trout**

Michigan's 28 commercial trout operations sold \$790,000 worth of trout in 2004. This was an increase of 14.3 percent from last season. Sales of trout 12 inches or longer were valued at \$601,000.

**Honey**

Honey production in Michigan during 2004 totaled 4.4 million pounds, down 9 percent from 2003. This estimate included honey from producers with 5 or more colonies. There were 65,000 colonies in production during 2004, the same as in 2003.

**Michigan Poultry Production and Value, 2003-2004**

Item	Unit	2003	2004	Percent change
<b>Eggs, all</b>				
Eggs produced	Millions	1,888	2,009	6
Price/dozen	Dollars	0.595	0.563	-5
Value of production	1,000 dollars	93,613	94,256	1
<b>Chickens</b>				
Birds lost	Thousands	2,104	1,270	-40
Birds sold	Thousands	3,464	4,546	31
Pounds sold	Thousands	11,778	15,456	31
Price/pound	Dollars	0.001	0.001	0
Value of sales	1,000 dollars	12	15	25
<b>Turkeys</b>				
Number raised	Thousands	5,000	5,000	0
Pounds produced	Thousands	191,000	188,000	-2
Price/pound	Dollars	0.360	0.370	3
Value of production	1,000 dollars	68,760	69,560	1
<b>Total value</b>	1,000 dollars	162,385	163,831	1

**Milk: Production, utilization, marketings, and value, 2003-2004**

Item	Unit	2003	2004
<b>Production</b>			
Total milk produced on farms	Million pounds	6,375	6,315
Milkfat produced	Million pounds	230.8	229.2
Milkfat	Percent	3.62	3.63
<b>Utilization</b>			
Milk used where produced			
Fed to calves	Million pounds	55	50
Used for milk, cream, and butter	Million pounds	5	5
Milk marketed by producers			
Average return per 100 pounds of milk	Million pounds	6,315	6,260
Average return per pound milkfat	Dollars	12.60	16.30
Fluid grade	Dollars	3.48	4.49
Total cash receipts	Percent	99	99
	1,000 dollars	795,690	1,020,380
<b>Value</b>			
Value of milk used where produced <sup>1</sup>	1,000 dollars	7,560	8,965
Total value of milk produced	1,000 dollars	803,250	1,029,345

<sup>1</sup> Includes value of milk fed to calves and milk used by farm households.

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