

Introduction

The "Michigan 2006-2007 Highlights" contains a summary of information included in the complete "Michigan Agricultural Statistics 2006-2007" publication. To overcome State budget shortfalls, ten industry sponsors contributed financially to the summarization and publication of this year's bulletin. The entire publication can be viewed and printed from the internet. At www.nass.usda.gov, click on the Statistics by State dropdown to access the Michigan internet page. At the Michigan Publications dropdown, click on Annual Statistical Bulletin.

Number of farms and land in farms, 2005-2006

Item	Unit	2005	2006
Farms	1,000 farms	53.0	53.0
Land in farms	Million acres	10.1	10.1
Average size of farms	Acres	191	191

Farm real estate: Values and cash rents, 2006-2007

Item	Unit	2006	2007
Farm real estate average value per acre	Dollars	3,500	3,950
Cropland average value per acre	Dollars	3,000	3,450
Cropland average cash rent per acre	Dollars	65	73

Floriculture

Michigan placed third nationally in value of wholesale sales of floriculture products in 2006, behind California and Florida. Reports from Michigan's 659 commercial growers showed an estimated wholesale value of \$379 million, down 1.7 percent from last year.

The leading crop category breakdowns for Michigan were:

First, annual bedding/garden plants: \$193 million in sales.

Second, propagative materials: \$82 million in sales.

Third, herbaceous perennial plants: \$46 million in sales.

Fourth, potted flowering plants: \$31 million in sales.

Total covered area for all operations in the State increased 4 percent to 43.9 million square feet. This includes both rigid and film plastic greenhouses, glass greenhouses, shade, and temporary cover. Only California and Florida had more total cover.

Growing Season Weather Summary

Dr. Jeff Andresen, Michigan State University

The 2006 growing season had highly variable seasonal precipitation totals across the State and wet, cool, and inclement fall harvest conditions.

An upper air ridging pattern developed across the Midwest region during late March and despite a few short breaks, persisted into mid-May. Planting began in mid-April and continued at an increasing pace into early May. Following the rapid start of the season, an upper air troughing pattern developed over the Great Lakes region during the second week of May and persisted for almost two weeks, resulting in an extended period of cool and wet weather. The change in weather halted spring planting and other fieldwork activities and slowed germination and early growth of previously planted crops. Frost and freezing temperatures across some areas of the State on May 21 and 22 led to a variety of cold injury to crops, some of it severe.

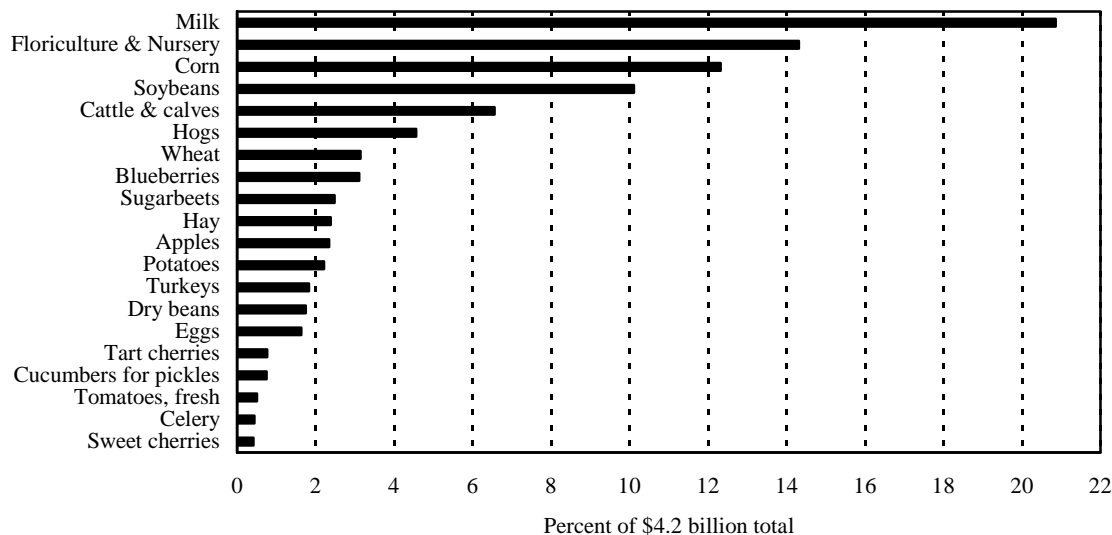
By the end of May, more seasonable temperatures led to a rapid resumption and completion of spring planting. Fair weather prevailed during much of June, with rapid crop growth and development. By early July, soil moisture levels across the State ranged from excessively wet to abnormally low given the highly variable rainfall pattern.

Unusually hot and humid weather impacted Michigan and nearly all of the continental United States during the last two weeks of July and the first week of August. Maximum air temperatures near or above 90 degrees F and extremely high dew point temperatures values at or above 70 degrees F led to stressful conditions for humans and livestock, but also to rapid crop growth and development rates where moisture was not limiting.

Following seasonable and generally favorable conditions during the latter half of August, an upper air troughing pattern once again set up over the Great Lakes region in early September and persisted off and on into early November. This pattern brought abnormally cool and wet weather to all of Michigan, which led to lengthy delays in fall harvest activities. The first killing frost of the season occurred during the last week of September or first week of October in northern sections of the State and in mid-October over central and southern sections.

For the 5-month May through September period, precipitation totals ranged from much below normal levels in many parts of Upper Michigan to much above normal levels in central and southern sections of the Lower Peninsula. Mean temperatures and seasonal GDD accumulations were not too far from the climatological normals, with GDD totals generally ranging within 10 percent of climatological normal values.

Top 20 Commodities in Cash Receipts, 2006



Michigan commodities ranked first in U.S. agriculture, 2006

Item	Unit	Quantity	Percent of U.S.
		<i>1,000</i>	<i>Percent</i>
Beans, dry, black	Cwt	1,670	62.8
Beans, dry, cranberry	Cwt	115	77.2
Beans, dry, small red	Cwt	390	60.1
Blueberries	Pounds	83,000	30.1
Cherries, tart	Pounds	190,000	72.0
Cucumbers (for pickles)	Tons	172.6	34.2
Flowering hanging baskets	Number	5,674	18.4
Geraniums (seed and cuttings)	Pots	23,982	35.4
Impatiens	Flats	2,152	21.6
Petunias	Flats	1,590	21.2

Cash receipts by commodity groups and selected commodities 2002-2006 ¹

Item	2002	2003	2004	2005	2006
	<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>
Total cash receipts	3,474,709	3,865,550	4,286,694	4,224,000	4,487,765
Total livestock and products	1,289,953	1,401,811	1,769,215	1,727,877	1,654,370
Meat animals	371,705	385,053	522,510	511,508	502,151
Cattle and calves	204,587	207,722	282,708	277,781	294,626
Hogs	164,324	173,671	236,002	229,852	204,514
Sheep and lambs	2,794	3,660	3,800	3,875	3,011
Dairy (milk)	733,260	795,690	1,022,825	1,031,030	936,320
Poultry and eggs	133,282	170,298	174,472	136,327	165,273
Eggs	63,237	93,613	94,313	61,870	73,097
Turkeys	62,832	68,760	69,560	67,500	82,156
Other	7,213	7,925	10,599	6,957	10,020
Miscellaneous livestock	51,706	50,770	49,408	49,012	50,626
Honey	7,762	6,782	4,965	4,243	5,069
Mink pelts	1,809	1,744	2,045	2,379	3,075
Trout	663	691	790	793	783
Other	41,472	41,553	41,608	41,597	41,699
Total crops	2,184,756	2,463,739	2,517,479	2,496,123	2,833,395
Field crops	1,093,882	1,277,977	1,185,567	1,242,261	1,491,573
Corn	383,009	437,210	445,751	371,784	552,798
Dry beans	49,450	63,264	60,779	75,979	78,519
Hay	50,337	58,269	57,800	93,415	106,925
Soybeans	363,489	420,346	376,716	432,343	453,919
Sugarbeets	122,393	124,780	90,790	111,387	111,387
Wheat	93,871	138,470	117,925	116,029	140,765
Other	31,333	35,638	35,806	41,324	47,260
Vegetables	350,636	356,908	377,137	323,881	361,882
Asparagus	11,703	19,278	17,468	12,006	14,866
Beans, snap	16,321	11,208	18,660	23,135	17,723
Carrots	19,934	21,907	17,899	18,666	17,293
Celery	14,441	17,641	15,215	10,493	19,920
Corn, sweet	16,800	14,193	13,904	16,000	16,434
Cucumbers, fresh	20,520	20,890	22,274	14,976	16,354
Cucumbers, pickles	30,153	36,180	35,363	26,611	33,492
Onions	9,851	11,065	10,518	8,128	7,699
Peppers, green, fresh	9,600	9,900	13,572	9,016	9,126
Potatoes	93,143	87,400	93,739	87,590	99,122
Pumpkins	13,056	14,308	13,104	9,048	9,405
Squash	22,365	15,314	16,240	16,337	14,994
Tomatoes, fresh	12,810	16,456	26,208	16,720	23,000
Tomatoes, processing	10,458	10,408	8,789	(²)	10,049
Other	49,481	50,760	54,184	55,155	52,405
Fruit	156,030	250,887	292,751	277,014	333,009
Apples	68,008	79,303	96,272	90,298	105,116
Blueberries	52,240	63,105	97,210	83,500	139,747
Grapes	14,760	21,086	13,690	21,518	9,658
Peaches	4,452	7,790	10,274	7,982	13,066
Strawberries	5,228	6,320	4,005	4,878	6,285
Sweet cherries	2,222	10,795	16,311	16,732	18,992
Tart cherries	7,192	57,938	49,861	47,555	34,697
Other	1,928	4,550	5,128	4,551	5,448
Miscellaneous crops	21,430	20,413	13,869	4,065	4,538
Floriculture and nursery	562,778	557,554	648,155	648,902	642,393

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

² Not published to avoid disclosure of individual operations.

Crop acreage, production, price, and value, 2005-2006

Crop	Unit	2005				2006			
		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		6,481	NA	NA	1,709.0	6,461	NA	NA	2,309.5
Corn for grain	Bushels	2,010	287,430	1.88	540.4	1,960	288,120	3.20	922.0
All hay	Tons	1,150	3,290	90.00	294.2	1,140	3,670	93.50	343.0
Soybeans	Bushels	1,990	76,615	5.73	439.0	1,990	89,550	6.10	546.3
All dry beans	Cwt	230	3,910	19.60	76.6	215	4,085	19.20	78.4
All wheat	Bushels	590	38,940	3.13	121.9	650	47,450	3.40	161.3
All potatoes	Cwt	42.8	13,910	7.90	109.9	43.0	14,190	8.45	119.9
Sugarbeets	Tons	152	3,238	34.40	111.4	154	3,573	(¹)	(¹)
Oats	Bushels	75	4,575	1.89	8.6	65	4,030	1.85	7.5
Barley	Bushels	11	517	1.80	0.9	14	686	1.80	1.2
Maple syrup ²	Gallons	390	58	36.00	2.1	375	78	37.00	2.9
Peppermint	Pounds	1.0	35	12.00	0.4	0.7	35	13.50	0.5
Spearmint	Pounds	1.6	56	9.50	0.5	1.6	96	10.00	1.0
Fruits and nuts		113	NA	NA	278.8	111	NA	NA	359.1
Vegetables		107	NA	NA	186.1	111	NA	NA	217.7
Principal crops		6,701	NA	NA	2,173.8	6,683	NA	NA	2,886.2

¹ The 2006 price and value will be published in "Crop Values" February 2008.

² Harvested taps.

Fruit Summary, 2005-2006

Fruit	Bearing acres		Total production	
	2005	2006	2005	2006
	<i>Acres</i>	<i>Acres</i>	<i>Million pounds</i>	<i>Million pounds</i>
Apples	40,000	39,000	760.0	850.0
Tart cherries	26,700	26,400	208.0	190.0
Peaches	5,000	4,500	28.0	37.8
Blueberries ¹	16,800	16,700	66.0	83.0
Strawberries ¹	1,000	850	5.2	5.5
	<i>Acres</i>	<i>Acres</i>	<i>Thousand tons</i>	<i>Thousand tons</i>
Sweet cherries	7,900	7,700	27.0	21.5
Grapes	14,200	14,200	102.7	32.5
Pears	800	800	2.0	3.6
Plums	750	700	2.0	3.6

¹ Harvested acres.

Vegetable Summary, 2005-2006

Item	Harvested		Production	
	2005	2006	2005	2006
	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
Fresh market				
Asparagus ¹	12,200	11,700	232	257
Beans, snap	4,100	3,600	226	198
Cabbage	1,700	1,800	612	612
Carrots	3,000	2,500	1,080	800
Celery ¹	1,600	1,700	920	900
Corn, sweet	8,000	8,300	800	913
Cucumbers	5,200	5,200	936	884
Onions	2,900	2,600	754	650
Peppers, bell ¹	1,400	1,300	392	351
Pumpkins ¹	5,200	5,700	754	855
Squash ¹	7,900	8,400	1,738	1,764
Tomatoes	2,000	2,000	440	460
	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>
Processing				
Beans, snap	16,200	18,100	59,940	66,030
Carrots	2,200	1,700	57,200	39,100
Cucumbers	33,000	33,200	158,400	172,640
Tomatoes	(²)	3,300	(²)	115,500

¹ Dual purpose crops. Processing included in fresh market.

² Estimates not published to avoid disclosure of individual operations.

Honey

Michigan honey production for 2006 totaled 3.96 million pounds, down 10 percent from 2005. This estimate included honey from producers with 5 or more colonies. There were 72,000 colonies producing honey, up from 65,000 in 2005.

Cattle inventory, January 1, 2006-2007

Class	2006	2007
	<i>1,000 head</i>	<i>1,000 head</i>
All cattle and calves	1,030	1,060
Cows	415	435
Beef	103	111
Milk	312	324
Replacement heifers	213	205
Beef	31	33
Milk	137	135
Other	45	37
Steers 500 pounds and over	195	190
Bulls 500 pounds and over	17	17
Calves under 500 pounds	190	213
Cattle on feed	190	175

Hogs and pigs: Inventory, production, and value, 2005-2006

Item	Unit	2005	2006
December 1 inventory	1,000 head	960	1,000
Production ¹	1,000 pounds	470,520	480,183
Marketings ²	1,000 pounds	478,725	478,310
Value of production	1,000 dollars	218,969	200,776

¹ Adjustments made for changes in inventory and for inshipments.

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

Sheep inventory, January 1, 2006-2007

Class	2006	2007
	<i>1,000 head</i>	<i>1,000 head</i>
All sheep and lambs	83	81
Breeding sheep and lambs	61	60
Ewes	46	44
Rams	3	3
Replacement lambs	12	13
Total market sheep and lambs	22	21
Previous year's lamb crop	59	56

Trout

Michigan's 23 commercial trout operations sold \$783,000 of trout in 2006. This was a \$10,000 decrease from last season. Sales of trout 12 inches or longer were valued at \$620,000.

Michigan Poultry Production and Value, 2005-2006

Item	Unit	2005	2006	Percent change
Eggs, all				
Eggs produced	Millions	2,142	2,391	12
Price/dozen	Dollars	0,347	0,367	6
Value of production	1,000 dollars	61,870	73,097	18
Chickens				
Birds lost	Thousands	1,075	1,013	-6
Birds sold	Thousands	5,117	3,412	-33
Pounds sold	Thousands	16,886	11,260	-33
Price/pound	Dollars	0.001	0.001	0
Value of sales	1,000 dollars	17	11	-35
Turkeys				
Number raised	Thousands	4,500	4,600	2
Pounds produced	Thousands	168,750	174,800	4
Price/pound	Dollars	0.400	0.470	18
Value of production	1,000 dollars	67,500	82,156	22
Total value	1,000 dollars	129,387	155,264	20

Milk: Production, utilization, marketings, and value, 2005-2006

Item	Unit	2005	2006
Production			
Total milk produced on farms	Million pounds	6,750	7,100
Milkfat produced	Million pounds	243.7	257.7
Milkfat	Percent	3.61	3.63
Utilization			
Milk used where produced			
Fed to calves	Million pounds	52	56
Used for milk, cream, and butter	Million pounds	3	4
Milk marketed by producers			
Milk marketed by producers	Million pounds	6,695	7,040
Average return per 100 pounds of milk	Dollars	15.40	13.30
Average return per pound milkfat	Dollars	4.27	3.66
Fluid grade	Percent	99	99
Total cash receipts	1,000 dollars	1,031,030	936,320
Value			
Value of milk used where produced ¹	1,000 dollars	462	532
Total value of milk produced	1,000 dollars	1,039,500	944,300

¹ Includes value of milk fed to calves and milk used by farm households.

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