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Michigan 2010-2011 Highlights

NR-11-75 Jay V. Johnson, Director October 7, 2011

Introduction

The "Michigan 2010-2011 Highlights" contains a summary of information included in the complete "Michigan Agricultural Statistics 2010-2011" publication, which was published as the result of a collaborative partnership of the Michigan Department of Agriculture, Michigan State University, and the U.S. Department of Agriculture's National Agricultural Statistics Service. 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, 2009-2010

Item	Unit	2009	2010
Farms	1,000 farms	54.8	54.9
Land in farms	Million acres	10.0	10.0
Average size of farms	Acres	182	182

Farm real estate: Values and cash rents, 2010-2011

Item	Unit	2010	2011
Farm real estate average value per acre	Dollars	3,650	3,850
Cropland average value per acre	Dollars	3,300	3,500
Cropland average cash rent per acre	Dollars	81	90

Growing Season Weather Summary

Dr. Jeff Andresen, Michigan State University

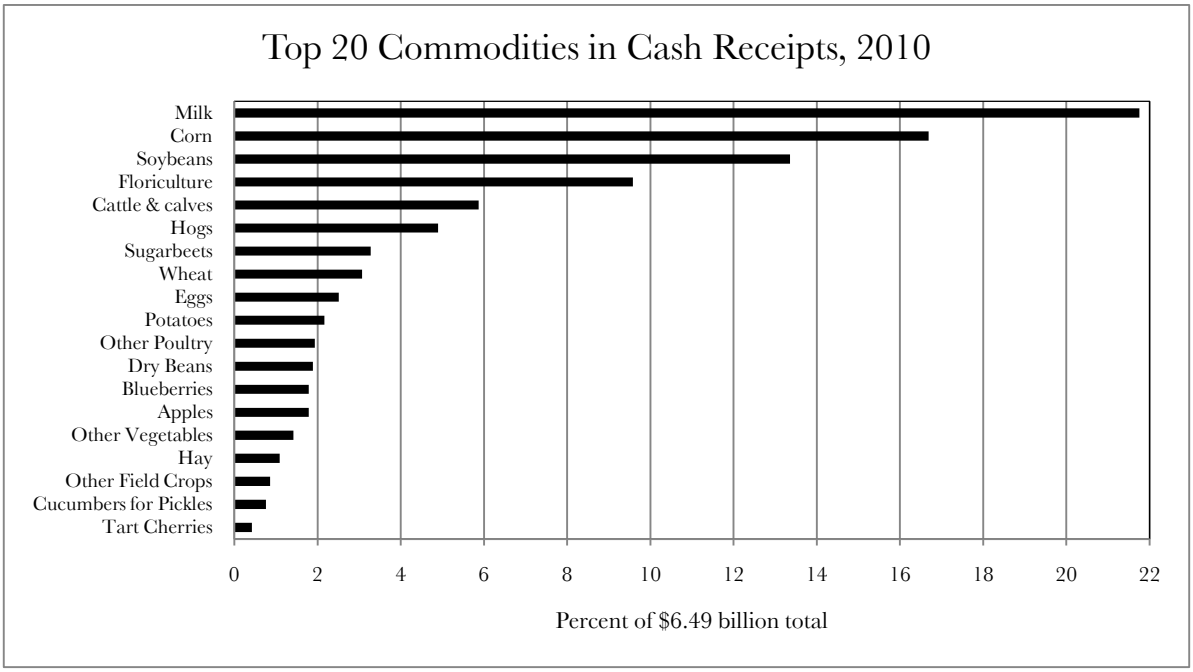
The 2010 growing season was among the top 10 warmest on record across Michigan and much of the Great Lakes region, leading to rapid growth, development, and maturation of most crops. In Michigan, mean temperatures for the winter season ranged from near normal across far southern sections of the state to much above normal across the north. Seasonal precipitation totals ranged from near normal across sections of Upper Michigan to less than 50% of normal over much of the Lower Peninsula. Off season soil moisture recharge was therefore somewhat lower than normal.

The growing season got off to an early start given abnormally warmer than normal weather during March and April. The warm weather allowed spring fieldwork to begin much earlier than normal and led to an early break of dormancy of most overwintering crops. Later in April, an upper air pattern developed across North America that would persist in several related forms for much of the late spring and summer seasons: troughing across western sections of the continental USA with broad ridging across central and eastern sections. Mean temperatures for the months of May, June, July, and August were all above normal, with departures generally ranging from 1-5 degrees F.

The active storm track led to unusually heavy rainfall to western and central sections of the Corn Belt region through much of the growing season. Records or near records for wettest summer season were set at locations just to our west in Minnesota, Iowa, Illinois, and Wisconsin. Rainfall totals in Michigan for the June-August period ranged from just under 10 inches (near normal) in east central sections of the state to more than 20 inches (more than 150% of normal) at some Upper Peninsula locations. As a result, potential evapotranspiration rates during July and August also remained at above normal levels with rapidly declining soil moisture levels leading to the development of drought stress symptoms during August.

During early September, the persistent jet stream pattern of much of the growing season finally transformed into a troughing pattern across Michigan and the Great Lakes region, leading to cooler than normal temperatures and generally to continued below normal precipitation totals. This weather combination favored early crop maturation, rapid grain dry-down rates and progress of fall harvest activities, but also to increasing levels of dryness and drought-related problems. Fortunately, the most intense dryness occurred after most moisture-sensitive crop growth stages. By the end of September, much of southern Lower Michigan southward into the Ohio Valley was categorized as 'abnormally dry' or under 'moderate to severe drought' conditions.

Overall for the 5-month May-September period, precipitation totals ranged from much above normal levels across northern sections of the state to below normal in southern sections. In contrast to the unusually cool 2009 growing season, mean temperatures were consistently above normal for much of the season. Growing degree day totals were also much above normal totals, in some cases more than 20% greater than normal. New records for greatest seasonal GDD accumulation were set at a few southern locations in the state.



Farm Income

Net farm income in 2010 rose 58.2 percent from last year to $1.15 billion. That includes $184.7 million of government payments. The total agriculture output was $7.26 billion dollars, up 8.9 percent from 2009. Production expenses were $3.58 billion in 2010, up1.5 percent from the previous year.

Preliminary cash receipts from 2010 marketings of Michigan crops, livestock and livestock products totaled $6.49 billion, up 15.7 percent from 2009. Michigan ranked 19 nationally in total cash receipts.

Crop receipts, $4.02 billion, were up 8.7 percent from 2009. Livestock cash receipts were up 29.2 percent from a year earlier to $2.46 billion.

In 2010, the top ten Michigan commodities ranked by cash receipts were milk, corn, soybeans, floriculture and nursery, cattle and calves, hogs, sugarbeets, wheat, eggs and potatoes.

Michigan commodities ranked first in U.S. agriculture, 2010

Item	Unit	Quantity	Percent of U.S.
		1,000	*Percent*
Beans, dry, black	Cwt	2,304	49.4
Beans, dry, cranberry	Cwt	57	86.4
Begonias	Baskets	386	24.7
Blueberries	Pounds	109,000	26.2
Cherries, tart	Pounds	135,000	70.9
Cucumbers (for pickles)	Tons	198.4	36.1
Easter Lilies	Pots	1,573	24.6
Geraniums (seed and cuttings)	Flats	174	38.4
Geraniums (seed and cuttings)	Pots	11,813	60.8
Geraniums (vegetative cuttings)	Baskets	768	21.2
Ice Cream Mix (lowfat)	Gallons	18,256	8.1
Impatiens (other)	Baskets	540	23.1
Impatiens (other)	Flats	2,115	24.4
New Guinea Impatiens	Baskets	475	18.3
Petunias	Baskets	1,303	26.6
Petunias	Flats	1,795	24.1
Squash	Cwt	1,320	20.2

Cash receipts by commodity groups and selected commodities 2006-2010 [1]

Item	2006	2007	2008	2009	2010
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Total cash receipts	4,592,406	5,836,719	6,551,769	5,606,993	6,485,696
Total livestock and products	1,659,939	2,400,533	2,529,030	1,906,751	2,463,530
Meat animals	503,763	580,497	638,992	523,995	704,448
Cattle and calves	294,627	343,331	384,942	290,337	380,753
Hogs	205,669	233,132	249,776	229,505	317,938
Sheep and lambs	3,467	4,034	4,274	4,153	5,757
Dairy (milk)	942,970	1,497,200	1,485,696	1,063,960	1,411,000
Poultry and eggs	153,771	256,397	339,972	260,460	288,212
Eggs	73,097	155,371	211,524	149,883	162,789
Turkeys	69,654	88,210	([2])	([2])	([2])
Other	11,020	12,816	128,448	110,577	125,423
Miscellaneous livestock	59,435	66,439	64,370	58,336	59,870
Honey	4,554	5,484	7,464	6,138	6,658
Mink pelts	3,380	2,640	3,456	1,835	2,949
Other	51,501	58,315	53,450	50,363	50,263
Total crops	2,932,467	3,436,186	4,022,739	3,700,242	4,022,166
Field crops	1,541,056	1,960,259	2,572,879	2,316,572	2,609,839
Corn	577,864	802,910	1,149,888	929,310	1,082,488
Dry beans	75,431	97,168	140,245	118,364	122,292
Hay	82,352	61,809	111,713	74,183	70,710
Soybeans	470,922	624,176	703,787	777,060	866,544
Sugarbeets	135,774	125,532	171,732	184,813	212,886
Wheat	147,556	186,547	236,382	175,445	199,034
Other [3]	51,157	62,117	59,132	57,397	55,885
Vegetables	373,674	386,547	437,208	448,828	462,313
Asparagus	14,866	16,092	18,516	16,553	13,948
Beans, snap	17,523	18,465	15,978	20,540	21,338
Carrots, fresh	13,824	10,428	12,806	12,652	10,925
Celery	19,920	12,334	14,705	14,898	17,880
Corn, sweet	16,830	14,652	16,991	23,624	23,218
Cucumbers, fresh	16,354	15,358	14,117	18,586	20,498
Cucumbers, pickles	33,492	42,665	41,602	49,010	49,600
Onions	9,073	12,310	10,825	13,474	13,069
Peppers, green, fresh	9,828	12,870	12,000	11,520	12,144
Potatoes	103,222	100,227	137,934	136,949	139,803
Pumpkins	9,405	8,556	15,283	10,318	13,804
Squash	14,459	13,538	12,144	11,739	12,144
Tomatoes, fresh	23,000	24,794	24,570	21,000	21,600
Other	71,878	84,258	89,737	87,965	92,342
Fruit	344,324	418,909	374,843	320,503	325,261
Apples	109,834	128,179	128,033	115,037	116,040
Blueberries	149,655	165,456	124,000	101,850	134,300
Grapes	9,242	28,044	22,359	26,348	15,373
Peaches	13,066	16,298	9,052	12,075	12,731
Strawberries	6,285	5,028	5,846	6,615	4,089
Sweet cherries	15,492	17,709	16,144	13,666	9,765
Tart cherries	34,697	50,905	63,030	37,981	27,260
Other	6,053	7,290	6,379	6,931	5,703
Miscellaneous crops	2,893	2,711	4,309	5,194	3,734
Floriculture and nursery	670,520	667,760	633,500	609,145	621,019

[1] Source: U.S. Department of Agriculture, Economic Research Service.
[2] Not published to avoid disclosure of individual operations.
[3] Includes Barley, Oats, Mint, Rye, and all other miscellaneous crops.

Crop acreage, production, price, and value, 2009-2010

Crop	Unit	2009				2010			
		Harvested	Production	Price	Value of production	Harvested	Production	Price	Value of production
		1,000 acres	*1,000*	*Dollars*	*Million dollars*	*1,000 acres*	*1,000*	*Dollars*	*Million dollars*
Field and misc. crops		6,301	NA	NA	2,805.7	6,436	NA	NA	3,771.4
Corn for grain	Bushels	2,090	309,320	3.53	1,091.9	2,100	315,000	5.55	1,748.3
All hay	Tons	990	2,482	119.00	301.1	1,000	2,730	101.00	277.8
Soybeans	Bushels	1,990	79,600	9.54	759.4	2,040	88,740	11.40	1,011.6
All dry beans	Cwt	195	3,510	33.50	117.6	235	4,230	28.90	122.2
All wheat	Bushels	570	39,330	4.25	167.2	510	35,700	5.95	212.4
All potatoes	Cwt	43.5	15,660	10.50	164.4	43.5	15,660	10.60	166.0
Sugarbeets	Tons	136	3,318	55.70	184.8	147	3,822	([1])	([1])
Oats	Bushels	55	3,465	2.21	7.7	60	4,080	2.45	10.0
Barley	Bushels	11	561	2.80	1.6	10	540	2.45	1.3
Maple syrup [2]	Gallons	450	115	45.00	5.2	490	82	45.00	3.7
Peppermint	Pounds	0.6	36	18.00	0.6	0.7	43	22.00	0.9
Spearmint	Pounds	1.6	104	13.00	1.4	1.6	112	17.00	1.9
Fruits and nuts		110	NA	NA	331.1	111	NA	NA	308.9
Vegetables		107	NA	NA	249.5	106	NA	NA	250.0
Principal crops		6,518	NA	NA	3,386.2	6,653	NA	NA	4,330.3

[1] The 2010 price and value will be published in "Crop Values" February 2012.
[2] Harvested taps.

Fruit Summary, 2009-2010

Fruit	Bearing acres		Total production	
	2009	2010	2009	2010
	Acres	*Acres*	*Million pounds*	*Million pounds*
Apples	38,000	39,000	1,150.0	590.0
Tart cherries	26,000	26,200	266.0	135.0
Peaches	4,300	4,000	34.4	28.0
Blueberries [1]	18,500	18,600	99.0	109.0
Strawberries [1]	800	750	4.6	2.9
	Acres	*Acres*	*Thousand tons*	*Thousand tons*
Sweet cherries	7,000	6,700	28.7	15.1
Grapes	14,200	14,200	96.5	36.0
Pears	800	800	4.2	0.9
Plums	600	550	2.9	2.0

[1] Harvested acres.

Vegetable Summary, 2009-2010

Item	Harvested		Production	
	2009	2010	2009	2010
	Acres	*Acres*	*1,000 cwt*	*1,000 cwt*
Fresh market				
Asparagus [1]	10,700	10,500	235	168
Beans, snap	3,100	3,200	155	144
Cabbage	2,600	3,000	676	840
Carrots	2,200	1,900	594	475
Celery [1]	1,900	1,900	1,055	1,000
Corn, sweet	9,100	9,400	1,001	940
Cucumbers	4,300	4,300	968	903
Onions	3,800	4,000	1,330	880
Peppers, bell [1]	1,600	1,600	384	368
Pumpkins [1]	6,700	6,800	737	952
Squash [1]	6,500	6,600	1,365	1,320
Tomatoes	2,000	2,000	600	400
	Acres	*Acres*	*Tons*	*Tons*
Processing				
Beans, snap	16,500	14,800	65,180	58,910
Cucumbers	32,500	31,000	188,500	198,400
Tomatoes	3,400	3,500	132,600	115,500

[1] Dual purpose crops. Processing included in fresh market.

Honey

Michigan honey production for 2010 totaled 4.06 million pounds, up 3 percent from 2009. This estimate included honey from producers with 5 or more colonies. Nationally, Michigan remained ninth in honey production in 2010, as in 2009. Yields from Michigan's 70,000 colonies producing honey averaged58 pounds in 2010, compared with 60 pounds the previous year.

Michigan honey price averaged $1.64 per pound, up 9 cents per pound from last year. Value of production totaled $6.66 million, up 8 percent from 2009. Honey stocks were 1.50 million pounds, down 0.02 percent from 2009.

Cattle inventory, January 1, 2010-2011

Class	2010	2011
	1,000 head	*1,000 head*
All cattle and calves	1,100	1,090
Cows	450	460
Beef	96	99
Milk	354	361
Replacement heifers	235	225
Beef	27	27
Milk	158	148
Other	50	50
Steers 500 pounds and over	200	190
Bulls 500 pounds and over	15	15
Calves under 500 pounds	200	200
Cattle on feed	170	170

Hogs and pigs: Inventory, production, and value, 2009-2010

Item	Unit	2009	2010
December 1 inventory	1,000 head	1,080	1,040
Production [1]	1,000 pounds	606,284	616,969
Marketings [2]	1,000 pounds	611,060	626,720
Value of production	1,000 dollars	223,212	305,727

[1] Adjustments made for changes in inventory and for inshipments.
[2] Excludes custom slaughter for use on farms and inter-farm sales within the state.

Sheep inventory, January 1, 2010-2011

Class	2010	2011
	1,000 head	*1,000 head*
All sheep and lambs	80	74
Breeding sheep and lambs	61	58
Ewes	46	44
Rams	3	3
Replacement lambs	12	11
Total market sheep and lambs	19	16
Previous year's lamb crop	65	60

Trout

The value of all trout sold and distributed in Michigan was $770,000 in 2010. This was a $163,000 decrease from last season.

Trout 12 inches or longer had sales of 283,000 pounds with an average liveweight of 1.1 pound per fish. Sales of trout 12 inches or longer were valued at $594,000 for an average value of $2.10 per pound.

Losses of trout in Michigan amounted to 170,000 fish, weighing 44,000 pounds.

Michigan Chicken and Egg Production and Value, 2009-2010 [1]

Item	Unit	2009	2010	Percent change
Eggs, all				
Eggs, produced	Millions	2,784	2,912	5
Price/dozen	Dollars	0.646	0.671	4
Value of production	1,000 dollars	149,883	162,789	9
Chickens				
Birds lost	Thousands	923	1,043	13
Birds sold	Thousands	3,090	3,964	28
Pounds sold	Thousands	10,197	12,685	24
Price/pound	Dollars	0.001	0.001	0
Value of sales	1,000 dollars	10	13	30
Total value	1,000 dollars	149,893	162,792	9

[1] Excludes Turkey production and value. This information is suppressed due to disclosure.

Milk: Production, utilization, marketings, and value, 2009-2010

Item	Unit	2009	2010
Production			
Total milk produced on farms	Million pounds	7,968	8,327
Milkfat produced	Million pounds	289.2	298.9
Milkfat	Percent	3.63	3.59
Utilization			
Milk used where produced			
Fed to calves	Million pounds	26	25
Used for milk, cream, and butter	Million pounds	2	2
Milk marketed by producers	Million pounds	7,940	8,300
Average return per 100 pounds of milk	Dollars	13.40	17.00
Average return per pound milkfat	Dollars	3.69	4.74
Fluid grade	Percent	100	100
Total cash receipts	1,000 dollars	1,063,960	1,411,000
Value			
Value of milk used where produced [1]	1,000 dollars	3,752	4,590
Total value of milk produced	1,000 dollars	1,067,712	1,415,590

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

Floriculture

Michigan maintained its third place national ranking in value of wholesale sales of floriculture products in 2010, behind California and Florida. Reports from Michigan's 625 commercial growers ($10K or more in gross sales) showed an estimated wholesale value of $402.7 million for all surveyed floriculture crops, up 2 percent from last year's figure. This estimate includes summarized sales data as reported by growers with $100K or more in sales plus a calculated wholesale value of sales for operations with sales from $10K to $99,999.

The leading crop category breakdowns for Michigan operations with more than $100K in sales were:

- First, **annual bedding/garden plants** with $203.9 million in sales.
- Second, **propagative materials** with $78.6 million in sales.
- Third, **herbaceous perennial plants** with $57.4 million in sales.
- Fourth, **potted flowering plants** with $31.8 million in sales.

Michigan leads the nation in value of sales for 10 floriculture crops:

- **Impatiens (flats)** with 2.1 million flats sold, valued at $14.6 million.
- **Begonia Hanging Baskets** with 386,000 baskets sold, valued at $2.4 million.
- **Geraniums (flats) (seeds)** with 174,000 flats sold, valued at $1.7 million.
- **Geranium Hanging Baskets (cuttings)** with 768,000 baskets sold, valued at $5.5 million.
- **Impatiens Hanging Baskets** with 540,000 sold, valued at $3.0 million.
- **Petunias (flats)** with 1.8 million sold, valued at $14.4 million.
- **Petunias Hanging Baskets** with 1.3 million baskets sold, valued at $6.6 million.
- **Potted Easter Lilies** with 1.6 million pots sold, valued at $5.9 million.
- **Potted Geraniums (seed)** with 11.8 million pots sold, valued at $11.7 million.
- **Potted Petunias** with 4.0 million pots sold, valued at $6.8 million.

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