MICHIGAN
Agricultural Statistics

2010
2011

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF AGRICULTURE
AND RURAL DEVELOPMENT

KEITH CREAGH
DIRECTOR

September 2011

The Michigan Department of Agriculture and Rural Development (MDARD) is proud of the role it plays in assuring a strong, viable food and agriculture industry in our state. We are equally proud of the partnerships we have built with producers, industry organizations, and our federal counterparts, to continually grow our industry. This publication underscores the importance of the food and agricultural sector, Michigan's second largest industry, to our state's economy.

The impact of Michigan agriculture on our state's economy is $73.1 billion and growing. Production agriculture, food processing and related businesses employ over one million Michigan residents. Michigan has approximately 10 million acres of farmland, and the state is home to 56,000 farms. More than 33 percent of the state's total farmland is in some form of preservation agreement.

Michigan produces over 200 commodities on a commercial basis, making the state second only to California in agricultural diversity. In 2010, our annual agricultural exports generated nearly $1.75 billion. Further, our state leads the nation in the production of 18 commodities and ranks in the top 10 of 30 other commodities.

As Michigan faces the challenge of a changing business environment and workforce, all industries are affected. However, at a time when 850,000 jobs were lost in Michigan, our agricultural economy experienced a decade of growth. The food and agriculture industry expanded at a rate of more than 5 times faster than the rate of the general economy (11.9% v. 2%) between 2006 and 2007. And since 2007, we've seen a 27% increase at the farm gate.

It is an exciting time to be part of this industry. Michigan's food and agriculture industry is poised to be a leader in the reinvention of Michigan. We will continue to serve, promote and protect the food, agricultural, environmental and economic interests of the people of Michigan with great pride.

If you have questions or comments about MDARD or our state's food and agriculture industry, please contact the department at (800) 292-3939 or mda-info@michigan.gov.

Sincerely,

Keith Creagh
Director

Michigan State University
AgBioResearch

MICHIGAN STATE UNIVERSITY EXTENSION

COLLEGE OF
AGRICULTURE & NATURAL RESOURCES

DATE: September 2011
TO: Jay Johnson
USDA – National Agricultural Statistics

FROM:

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RE: NASS 2010-2011 Agricultural Statistics publication

Michigan State University is pleased to partner with the Michigan Department of Agriculture and the National Agricultural Statistics Service (USDA) in continuing the long tradition of providing data on Michigan's agricultural economy with the release of the 2010-2011 Agricultural Statistics publication information on the changing production patterns and production units in Michigan is very valuable as the College of Agriculture and Natural Resources, the Michigan Agricultural AgBioResearch and Michigan State University Extension develop our research and education plans and programs.

Our goal is to assist the agricultural sector in their efforts to continue to grow and provide for the food and fiber needs of families, in Michigan and across the globe. In addition, we strive to assist a wide variety of agricultural producers and agribusiness firms to be sustainable, environmentally and economically.

We look forward to continuing this partnership as Michigan Agriculture continues to grow and prosper.

United States Department of Agriculture
National Agricultural Statistics Service
Michigan Field Office
Cooperating with Michigan Department of Agriculture

September 2011

Dear Friends in Agriculture,

It is my pleasure to serve as the new Director of the US Department of Agriculture's (USDA) - National Agricultural Statistics Service (NASS) Michigan Field Office. I succeeded Dave Kleweno in early June. Dave accepted a new challenge with NASS in Washington, D.C. His 15 years of service as Director of the USDA-NASS Michigan Field Office were highlighted by his tireless effort to enhance the data products provided to those involved in agriculture throughout this great State. This publications current format is just one example of his vision. We thank him for his efforts and look to build on his successes.

The diversity of Michigan agriculture has been evident in my first 3 months traveling throughout the State. The statistics in this bulletin showcase this diversity and are used on a regular basis to make informed decisions by producers, consultants, advisors, government officials, and others. The compilation of this bulletin is a product of the partnership between the Michigan Department of Agriculture and Rural Development (MDARD), Michigan State University (MSU), and NASS.

I would like to extend a special thanks to all those producers and agri-businesses who have taken time to respond to the surveys that serve as a basis for these data. Their responses are through the Internet, mail, via telephone, and face-to-face interviews. The latter two modes are conducted by our dedicated core of National Association of State Department of Agriculture enumerators. Without their skilled interview techniques, we would be unable to successfully provide these many data.

The cover of this publication is motivated by the statewide Fruit Acreage Inventory Survey to be conducted later this year. This survey is a collaborative effort between the Michigan fruit industry, MDARD, MSU, the Michigan Farm Bureau, and NASS. The inventory is conducted on a periodic basis and was last completed in 2006. The ever changing landscape of the Michigan fruit industry makes it critical to conduct an accurate assessment of fruit acreage in the State to ensure decisions are based on current, relevant data. We look forward to the support of the State's fruit producers on this endeavor.

Good decisions can only be made with good information. Our agency continually strives to meet our mission of providing timely, accurate, and useful statistics in service to U.S. agriculture. Thanks again to all those who provided, collected, and analyzed the data in this publication. If you have any questions about these data or need any additional information, please visit our Website at www.nass.usda.gov and/or contact our office at (517) 324-5300. We look forward to serving you.

Sincerely,

Jay V. Johnson
Director

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Contents

All tables contain Michigan data unless otherwise noted. In some tables, details may not add to the total shown due to rounding.

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Rank in U.S. agriculture by selected commodities, 2010

Rank	Item	Unit	Quantity	Percent of U.S.	Leading state
			Thousands	*Percent*	
	Beans, dry, black	Cwt	2,304	49.4	Michigan
	Beans, dry, cranberry	Cwt	57	86.4	Michigan
	Begonias	Baskets	386	24.7	Michigan
	Blueberries	Pounds	109,000	26.2	Michigan
	Cherries, tart	Pounds	135,000	70.9	Michigan
	Cucumbers (for pickles)	Tons	198.4	36.1	Michigan
	Easter Lilies	Pots	1,573	24.6	Michigan
	Geraniums, from seed	Flats	174	38.4	Michigan
1	Geraniums, from seed	Pots	11,813	60.8	Michigan
	Geraniums, vegetative cuttings	Baskets	768	21.2	Michigan
	Ice Cream Mix, Lowfat	Gallons	18,256	8.1	Michigan
	Impatiens, other	Baskets	540	23.1	Michigan
	Impatiens, other	Flats	2,115	24.4	Michigan
	New Guinea Impatiens	Baskets	475	18.3	Michigan
	Petunias	Baskets	1,303	26.6	Michigan
	Petunias	Flats	1,795	24.1	Michigan
	Squash	Cwt	1,320	20.2	Michigan
	Beans, dry, all	Cwt	4,230	13.3	North Dakota
	Beans dry, navy	Cwt	1,290	27.1	North Dakota
	Beans, dry, small red	Cwt	173	36.2	Idaho
	Begonias	Flats	856	20.3	Texas
	Carrots (fresh market)	Cwt	475	2.1	California
	Celery	Cwt	1,000	4.9	California
	Geraniums, from seed	Baskets	71	21.0	Ohio
2	Geraniums, from vegetative cuttings	Pots	3,758	10.7	California
	Hardy/garden Chrysanthemums	Pots	6,091	13.3	North Carolina
	Hostas	Pots	1,189	13.8	South Carolina
	Marigolds	Flats	766	18.9	California
	New Guinea Impatiens	Flats	42	12.0	Maryland
	New Guinea Impatiens	Pots	2,499	17.2	Florida
	Other Flowering and Foliar	Baskets	2,353	17.6	North Carolina
	Petunias	Pots	4,052	14.9	Florida
	Vegetable type bedding plants	Flats	997	19.6	California
	Apples	Pounds	590,000	6.3	Washington
	Asparagus	Cwt	168	21.0	California
	Grapes, Niagara	Tons	13,000	23.5	New York
	Beans, dry, light red kidney	Cwt	153	15.8	Minnesota
	Coniferous Evergreens	Number sold	20,282	8.4	Texas
3	Cucumbers (fresh market)	Cwt	903	10.6	Florida
	Deciduous Shade Trees	Number sold	1,977	5.7	Oregon
	Other Flowering and Foliar	Flats	2,970	16.6	California
	Other Flowering and Foliar	Pots	19,601	13.3	California
	Pansies/Violas	Baskets	83	9.5	North Carolina
	Potted Other herbaceous perennials	Pots	13,073	9.1	Florida
	Vegetable type bedding plants	Pots	7,220	13.6	California
	Beans, snap (processing)	Tons	58.9	7.7	Wisconsin
	Cherries, sweet	Tons	15.1	4.8	Washington
	Christmas Trees	Acres	19	10.9	North Carolina
4	Pansies/Violas	Flats	645	8.6	Texas
	Plums	Tons	2.0	16.5	Oregon
	Sugarbeets	Tons	3,822	12.0	Minnesota
	Tomatoes (processing)	Tons	115.5	0.9	California
5	Beans, dry, dark red kidney	Cwt	32	3.8	Minnesota
	Grapes	Tons	36,000	0.5	California
	Maple syrup	Gallons	82	4.2	Vermont
6	Peaches	Tons	14.0	1.2	California
	Pumpkins	Cwt	952	9.0	Illinois
7	Beans, snap (fresh market)	Cwt	144	2.8	Florida
8	Milk	Pounds	8,327	4.3	California
	Oats	Bushels	4,080	5.0	Minnesota
9	Cabbage (fresh market)	Cwt	840	3.7	California
	Potatoes	Cwt	15,660	4.3	Idaho
10	Tomatoes (fresh market)	Cwt	400	1.4	California
11	Corn for grain	Bushels	315,000	2.5	Iowa
	Soybeans	Bushels	88,740	2.7	Iowa
12	Wheat, winter	Bushels	35,700	2.4	Kansas
13	Hogs, as of Dec. 1, 2010	Head	1,040	1.6	Iowa
19	Cash receipts	Dollars	6,485,696	2.1	California
20	Hay, all, dry	Tons	2,730	1.9	Texas
28	Cattle, as of Jan. 1, 2011	Head	1,090	1.2	Texas

Number of farms and land in farms by economic sales class, 2006-2010 [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+		
	1,000 farms	*1,000 farms*	*1,000 farms*	*1,000 farms*	*1,000 farms*	*1,000 farms*	
2006	31.1	14.8	3.3	1.8	2.0	53.0	
2007	33.1	14.8	3.5	2.1	2.5	56.0	
2008	32.3	14.5	3.6	2.1	2.5	55.0	
2009	32.1	14.4	3.5	2.2	2.6	54.8	
2010	32.2	14.4	3.5	2.2	2.6	54.9	
	Million acres	*Million acres*	*Million acres*	*Million acres*	*Million acres*	*Million acres*	*Acres*
2006	1.85	2.40	1.60	1.60	2.65	10.10	191
2007	1.85	2.10	1.35	1.40	3.30	10.00	179
2008	1.80	2.00	1.40	1.40	3.40	10.00	182
2009	1.70	1.90	1.30	1.50	3.60	10.00	182
2010	1.70	1.90	1.30	1.50	3.60	10.00	182

[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, 2007-2011

Year	Farm real estate average value per acre	Cropland		Pasture
		Average value per acre	Average cash rent per acre	Average value per acre
	Dollars	*Dollars*	*Dollars*	*Dollars*
2007	3,760	3,280	73	2,450
2008	3,900	3,480	78	2,630
2009	3,750	3,370	81	2,550
2010	3,650	3,300	81	2,400
2011	3,850	3,500	90	2,500

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.

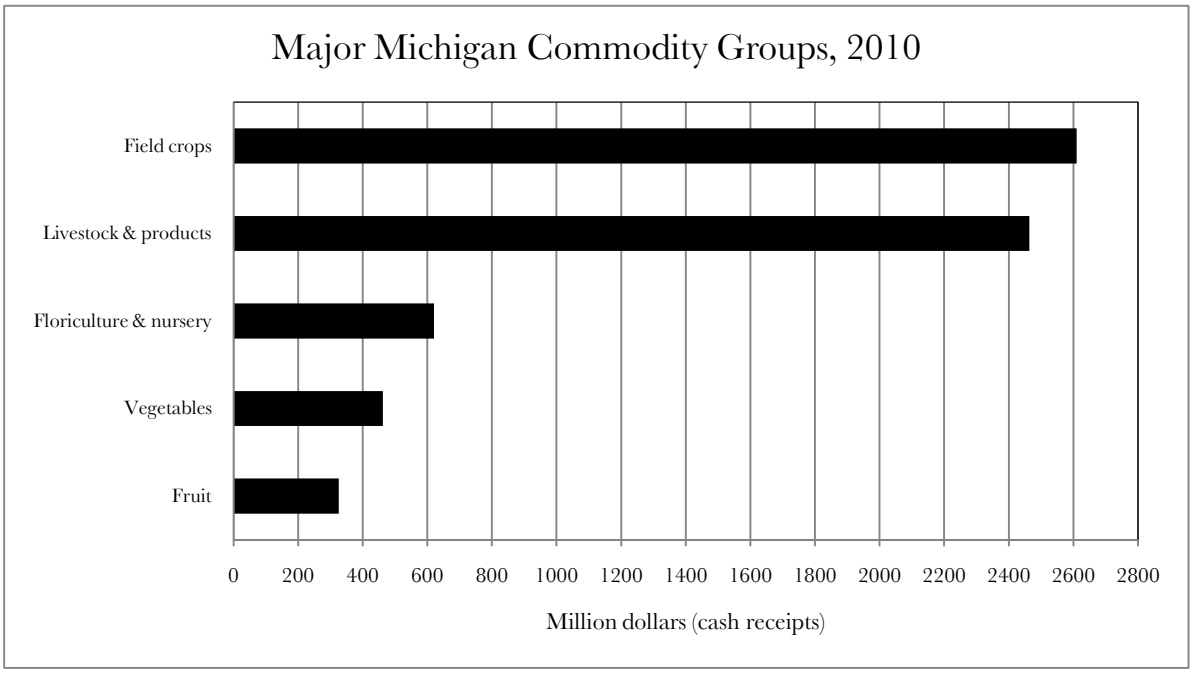
Crop receipts, $4.02 billion, were up 8.7 percent from 2009. Livestock cash receipts were up 29.2 percent from a year earlier to $2.46 billion.

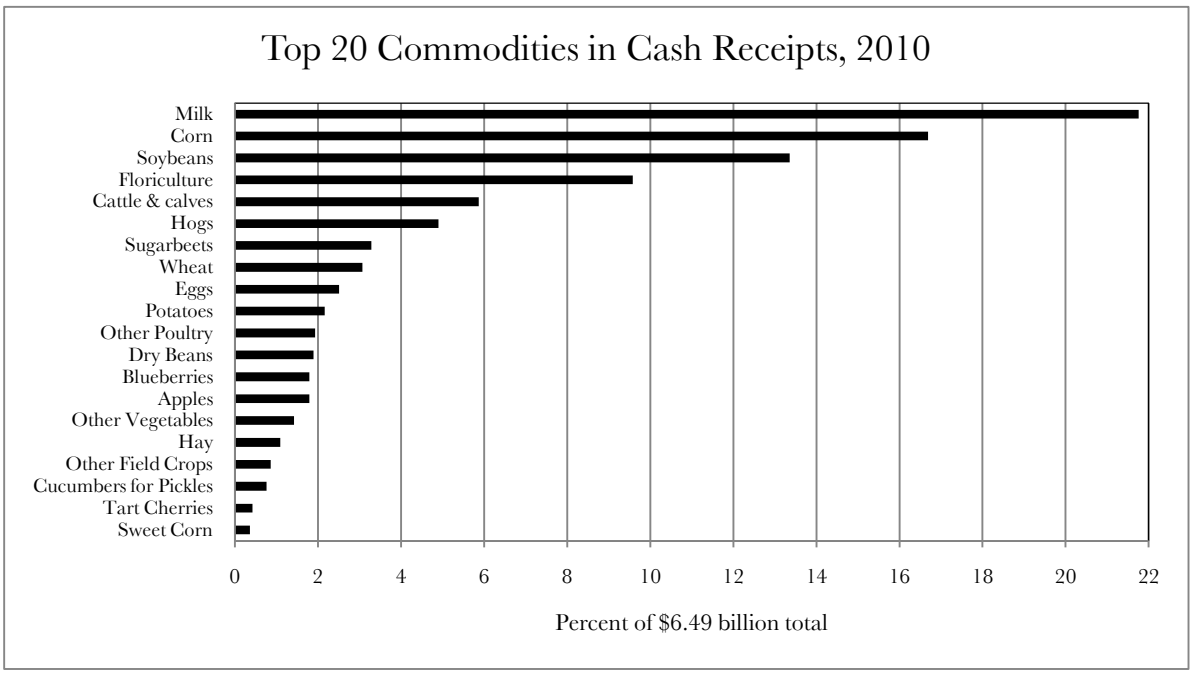
In 2010, the top ten Michigan commodities ranked by cash receipts were milk, corn, soybeans, floriculture and nursery, cattle and calves, hogs, sugarbeets, wheat, eggs and potatoes.

Government payments, 2006-2010 [1]

Program	2006	2007	2008	2009	2010
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Conservation programs	51,279	45,926	49,047	43,590	61,278
Direct payments	85,952	86,970	86,691	79,012	84,760
Counter-cyclical payments	72,304	179	2	-24	-2
Loan deficiency payments	15,570	64	13	49	-183
Miscellaneous programs	1,891	-63	47	0	-105
Ad Hoc and emergency programs	1,829	3,300	30,540	16,169	36,416
Milk income loss payments	18,816	3,868	2	40,828	2,496
Total	247,641	140,244	166,342	179,624	184,660

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


Major Michigan Commodity Groups, 2010
Field crops
Livestock & products
Floriculture & nursery
Vegetables
Fruit
0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
2600
2800
Million dollars (cash receipts)


Top 20 Commodities in Cash Receipts, 2010
Milk
Corn
Soybeans
Floriculture
Cattle & calves
Hogs
Sugarbeets
Wheat
Eggs
Potatoes
Other Poultry
Dry Beans
Blueberries
Apples
Other Vegetables
Hay
Other Field Crops
Cucumbers for Pickles
Tart Cherries
Sweet Corn
0
2
4
6
8
10
12
14
16
18
20
22
Percent of $6.49 billion total

Value added to the economy by the Michigan agricultural sector 2006-2010 [1]

Item [2]	2006	2007	2008	2009	2010
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
Value of crop production	2,943.2	3,307.5	4,113.4	3,802.6	4,005.6
Food grains	148.6	188	238.9	177.9	201.1
Feed crops	664.2	871	1,268.3	1,007.3	1,156
Oil crops	471.8	625.3	704.2	777.8	866.5
Fruits and tree nuts	344.3	418.9	374.8	320.5	325.3
Vegetables, potatoes, dry beans	449.1	483.7	577.5	567.2	584.6
All other crops	854.4	849.3	859	849.5	888.7
Home consumption	2	1.2	1.6	1.2	1.3
Value of inventory adjustment [3]	8.8	-129.9	89.1	101.2	-17.8
Value of livestock production	1,708.8	2,424.6	2,538.6	1,955.1	2,458.6
Meat animals	503.8	580.5	639	524	704.4
Dairy products	943	1,497.2	1,485.7	1,064	1,411
Poultry and eggs	153.8	256.4	340	260.5	288.2
Miscellaneous livestock	59.4	66.4	64.4	58.3	59.9
Home consumption	7.5	9.5	9.2	10.1	9.3
Value of inventory adjustment [3]	41.4	14.5	0.4	38.2	-14.3
Revenues from services and forestry	835.2	825.2	917.6	910.9	799.9
Machine hire and custom work	31.7	35.5	28.2	51.4	39.1
Forest products sold	11.9	14	14	14	14
Other farm income	208.8	177	268.7	285.3	167.5
Gross imputed rental value-farm dwellings	582.8	598.7	606.7	560.2	579.3
Value of agricultural sector production	5,487.2	6,557.3	7,569.7	6,668.6	7,264.1
less: Purchased inputs	2,604.1	3,443.8	3,695.3	3,531.2	3,583.7
Farm origin	874.7	1,147	1,233.3	1,201.8	1,259
Feed purchased	512.5	727.3	694	665	709.5
Livestock and poultry purchased	70.1	73.4	77.4	51.8	60
Seed purchased	292	346.4	461.9	484.9	489.6
Manufactured inputs	804.8	1,062.7	1,294.3	1,200.8	1,176.3
Fertilizers and lime	302.3	448	592.6	554.1	599.1
Pesticides	199.7	241.5	269.9	265.2	222.6
Petroleum fuel and oils	242.7	297.5	353.5	290.1	275.2
Electricity	60.1	75.8	78.3	91.4	79.5
Other purchased inputs	924.6	1,234.1	1,167.8	1,128.6	1,148.4
Repair and maintenance of capital items	278.1	316.4	347	373.9	344.3
Machine hire and custom work	64	88.3	87	98	107.7
Marketing, storage, and transp. expenses	133.1	165.4	140.9	149.3	146.2
Contract labor	16.6	26.4	14.7	19.7	32.8
Miscellaneous expenses	432.9	637.6	578.2	487.6	517.4
plus: Net government transactions	-17.2	-111.5	-93.5	-92.2	-84.6
plus: Direct Government payments	247.6	140.2	166.3	179.6	184.7
less: Motor vehicle reg. and licensing fees	9.7	10.9	9.4	11.8	9.2
less: Property taxes	255.1	240.8	250.4	260.1	260.1
Gross value added	2,865.9	3,002	3,780.9	3,045.2	3,595.8
less: Capital consumption	758.7	785.6	832.8	873	891.3
Net value added	2,107.2	2,216.5	2,948.1	2,172.2	2,704.5
less: Payments to stakeholders	855.7	1,125.1	1,018.7	1,020.8	882.8
Employee compensation (total hired labor)	519.6	794	675.4	657.1	497.6
Net rent received by nonoperator landlords	81.2	61.8	70.2	95.3	129.2
Real estate and nonreal estate interest	255	269.3	273.2	268.5	255.9
Net farm income	1,251.5	1,091.4	1,929.4	1,151.4	1,821.7

[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 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.

Corn production costs and returns, excluding direct Government payments, 2009-2010

Item	United States		Northern Crescent [1]	
	2009	2010	2009	2010
	Dollars per planted acre	*Dollars per planted acre*	*Dollars per planted acre*	*Dollars per planted acre*
Gross value of production	561.22	637.68	444.27	564.55
Operating costs				
Seed	78.92	83.23	80.61	85.07
Fertilizer [2]	132.72	100.30	150.49	114.09
Chemicals	27.68	27.39	24.49	24.27
Custom operations	11.98	12.15	14.80	14.99
Fuel, lube, and electricity	29.00	35.73	27.84	34.62
Repairs	15.69	16.03	15.80	16.10
Purchased irrigation water	0.14	0.15	0.02	0.02
Interest on operating capital	0.43	0.27	0.46	0.29
Total, operating costs	296.56	275.25	314.51	289.45
Allocated overhead				
Hired labor	2.41	2.44	3.43	3.47
Opportunity cost of unpaid labor	25.67	25.92	36.03	36.42
Capital recovery of machinery and equipment	81.11	83.46	77.68	79.78
Opportunity cost of land (rental rate)	123.90	127.33	104.74	107.85
Taxes and insurance	8.13	8.23	11.08	11.24
General farm overhead	14.49	14.71	19.81	20.19
Total, allocated overhead	255.71	262.09	252.77	258.95
Total, costs listed	552.27	537.34	567.28	548.40
Value of production less total costs listed	8.95	100.34	-123.01	16.15
Value of production less operating costs	264.66	362.43	129.76	275.10
Supporting information				
Yield (bushels per planted acre)	156	145	125	126
Price (dollars per bushel at harvest)	3.59	4.39	3.53	4.46
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, Central Maryland, most of Pennsylvania, New Jersey, 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, 2009-2010

Item	United States		Northern Crescent [1]	
	2009	2010	2009	2010
	Dollars per planted acre	*Dollars per planted acre*	*Dollars per planted acre*	*Dollars per planted acre*
Gross value of production	437.10	449.32	415.80	468.00
Operating costs				
Seed	55.26	59.20	57.94	62.26
Fertilizer [2]	23.65	17.87	33.93	26.02
Chemicals	17.38	17.04	16.33	16.11
Custom operations	7.17	6.52	9.35	8.52
Fuel, lube, and electricity	13.48	16.75	11.88	14.74
Repairs	13.22	13.46	11.40	11.62
Purchased irrigation water	0.14	0.14	0.00	0.00
Interest on operating capital	0.19	1.31	0.20	1.39
Total, operating costs	130.49	132.29	141.03	140.66
Allocated overhead				
Hired labor	2.14	2.11	1.28	1.29
Opportunity cost of unpaid labor	17.19	17.33	18.27	18.47
Capital recovery of machinery and equipment	75.54	77.51	64.62	66.37
Opportunity cost of land (rental rate)	108.98	148.34	89.62	122.34
Taxes and insurance	10.84	9.41	13.43	11.68
General farm overhead	14.57	14.86	18.80	19.16
Total, allocated overhead	229.26	269.56	206.02	239.31
Total, costs listed	359.75	401.85	347.05	379.97
Value of production less total costs listed	77.35	47.47	68.75	88.03
Value of production less operating costs	306.61	317.03	274.77	327.34
Supporting information				
Yield (bushels per planted acre)	47	47	42	48
Price (dollars per bushel at harvest)	9.30	9.56	9.90	9.75
Enterprise size (planted acres) [3]	303	303	164	164
Production practices [3]				
Irrigated (percent)	9	9	2	2
Dryland (percent)	91	91	98	98

[1] Includes NE Minnesota, Wisconsin, Michigan, NE Ohio, most of Pennsylvania, New Jersey, New York, Central Maryland, and New England.
[2] Includes soil conditioners and manure.
[3] Developed from survey base year, 2006.

Livestock and products: Marketing year average prices received by farmers, 2006-2010

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 doz [4]	All milk wholesale per cwt	Turkeys per pound [5]
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
2006	42.00	71.90	49.10	81.60	1,930	134.00	0.366	13.30	0.39
2007	41.10	75.80	49.30	87.00	1,910	118.00	0.726	19.70	0.46
2008	42.50	77.10	52.00	87.80	2,200	99.90	0.956	19.20	NA
2009	37.00	68.70	45.80	78.50	1,550	88.60	0.672	13.40	NA
2010	50.00	78.40	54.00	88.80	1,400	92.80	NA	17.00	NA

[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 after 2009.
[5] Data not available after 2007.

Livestock and products: Monthly prices received by farmers, 2010-2011

Month	Beef cattle per cwt [1 4]	Cows per cwt [2 4]	Steers and heifers per cwt [4]	Milk cows per head [3]	Calves per cwt [4]	All milk wholesale per cwt
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
2010						
January	70.70	49.00	80.00	1,400	80.00	16.90
February	77.80	54.00	88.00		85.00	16.70
March	77.80	54.00	88.00		85.00	15.70
April	81.50	57.00	92.00	1,400	90.00	15.00
May	81.80	58.00	92.00		98.00	15.60
June	79.80	56.00	90.00		97.00	16.30
July	78.70	57.00	88.00	1,400	97.00	16.70
August	78.70	57.00	88.00		98.00	17.50
September	78.80	55.00	89.00		99.00	18.10
October	77.60	51.00	89.00	1,400	97.00	19.30
November	77.70	49.00	90.00		95.00	18.90
December	79.40	52.00	92.00		96.00	17.60
2011						
January				1,450		17.40
February						19.20
March						21.10
April				1,550		20.60
May						20.60
June						21.60
July				1,550		22.70
August						23.00
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.
[4] Discontinued at State Level for 2011.

Dry edible beans: Percent of sales by month, 2005-2010

Month	2005-06	2006-07	2007-08	2008-09	2009-10
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
September	23	25	18	25	27
October	29	23	28	38	29
November	6	9	13	6	10
December	6	3	6	3	8
January	5	4	4	4	7
February	3	2	3	4	3
March	3	2	3	2	1
April	1	3	3	1	1
May	2	2	3	1	1
June	7	25	2	2	2
July	1	1	1	1	0
August	14	1	16	13	11

Corn: Percent of sales by month, 2005-2010

Month	2005-06	2006-07	2007-08	2008-09	2009-10
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
October	17	11	14	9	5
November	13	25	16	16	16
December	9	11	9	10	13
January	11	13	11	10	11
February	8	7	7	7	6
March	6	4	6	8	6
April	8	5	8	7	6
May	6	4	5	9	6
June	5	6	7	7	8
July	5	5	7	5	9
August	6	4	4	6	6
September	6	5	6	6	8

Hay: Percent of sales by month, 2005-2010

Month	2005-06	2006-07	2007-08	2008-09	2009-10
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
June	14	14	15	14	13
July	15	15	13	16	10
August	13	13	12	13	11
September	13	13	8	11	8
October	13	13	6	10	8
November	5	5	6	5	6
December	5	5	8	5	8
January	5	5	8	6	6
February	5	5	7	6	7
March	4	4	6	5	7
April	4	4	6	5	8
May	4	4	5	4	8

Oats: Percent of sales by month, 2005-2010

Month	2005-06	2006-07	2007-08	2008-09	2009-10
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
July	26	13	17	2	2
August	40	43	40	53	47
September	3	7	10	8	26
October	2	5	4	2	5
November	2	1	2	1	2
December	3	5	4	2	1
January	5	6	5	5	3
February	7	5	1	3	3
March	6	8	2	4	5
April	3	3	4	5	1
May	1	1	1	4	2
June	2	3	10	11	3

Soybeans: Percent of sales by month, 2005-2010

Month	2005-06	2006-07	2007-08	2008-09	2009-10
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
September	13	4	6	6	1
October	28	24	32	34	33
November	5	19	13	9	24
December	7	7	7	7	7
January	9	11	11	11	11
February	5	7	8	5	5
March	6	5	5	7	4
April	6	4	5	10	4
May	7	5	4	4	2
June	4	7	4	4	4
July	5	4	3	2	3
August	5	3	2	1	2

Wheat: Percent of sales by month, 2005-2010

Month	2005-06	2006-07	2007-08	2008-09	2009-10
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
July	48	53	75	47	31
August	19	16	14	26	27
September	8	7	4	5	11
October	3	7	1	1	8
November	2	1	1	1	3
December	3	2	2	2	2
January	4	4	1	3	7
February	5	2	1	2	2
March	4	3	0	4	2
April	1	2	1	3	2
May	2	1	0	4	2
June	1	2	0	2	3

Crops: Marketing year average prices received by farmers, 2006-2010 [1]

Marketing year	Corn per bushel	Winter wheat per bushel	Oats per bushel	Soybeans per bushel	Dry beans per cwt	Fall potatoes per cwt	All hay per ton	Alfalfa hay per ton
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
2006	3.10	3.41	1.93	6.27	21.10	8.35	94.00	97.00
2007	4.37	5.01	2.91	9.69	31.90	8.45	124.00	127.00
2008	3.84	5.63	3.40	9.82	36.30	10.10	153.00	156.00
2009	3.53	4.25	2.21	9.54	33.50	10.50	119.00	127.00
2010	5.55	5.95	2.45	11.40	28.90	10.60	101.00	108.00

[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, 2009-2010 marketing years

2009-2010 Marketing years	Corn per bushel	Winter wheat per bushel	Oats per bushel	Soybeans per bushel	Dry beans per cwt	Fall potatoes per cwt	All hay per ton	Alfalfa hay per ton
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
2009								
June								115.00
July		4.61	2.63				111.00	120.00
August		4.28	2.08				106.00	120.00
September		3.11	2.10	10.10	33.20	9.20	110.00	120.00
October	3.45	4.27	2.17	9.40	32.40	9.25	109.00	125.00
November	3.52	4.55	2.20	9.50	33.30	10.20	121.00	130.00
December	3.48	4.64	2.56	9.91	35.60	10.80	126.00	135.00
2010								
January	3.56	3.94	2.53	9.67	34.90	11.20	129.00	140.00
February	3.32	4.39	2.66	9.50	35.80	11.30	130.00	140.00
March	3.35	4.68	2.63	9.40	35.60	11.90	130.00	140.00
April	3.32	4.32	2.87	9.51	36.60	12.40	129.00	135.00
May	3.44	4.39	2.84	9.54	33.80	12.10	130.00	135.00
June	3.45	4.20	2.67	9.49	28.50		110.00	
July	3.55			9.80	32.90	10.70		
August	3.78			10.20	35.10	9.45		
September	4.03							
2010								
June								115.00
July		5.48	2.29				102.00	105.00
August		6.16	2.21				99.00	105.00
September		6.06	2.37	9.73	29.00	8.70	95.00	105.00
October	4.48	6.26	2.68	10.30	28.60	8.85	94.00	105.00
November	4.83	5.90	3.02	11.40	29.20	10.50	97.00	110.00
December	5.14	6.88	3.16	11.90	29.90	10.70	100.00	110.00
2011								
January	5.25	6.34	3.68	11.80	31.60	11.20	97.00	110.00
February	5.88	6.80	3.79	12.30	34.10	11.90	99.00	110.00
March	5.84	6.81	3.34	12.20	36.70	12.40	96.00	105.00
April	6.60	7.04	3.80	12.70	39.50	13.10	99.00	105.00
May	6.15	7.01	4.31	12.60	40.10	13.70	104.00	110.00
June	6.77	6.27	4.06	13.10	40.60		97.00	
July	6.90			13.20	40.00			
August								
September								

Prices paid by farmers, 2007-2011 [1]

Item	Unit	2007	2008	2009	2010	2011
		Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Dairy feed, 16% protein [2]	Ton	241	310	295	265	400
Hog concentrate, 38-42% protein [2]	Ton	366	493	473	405	549
Soybean meal, 44% protein [2]	Cwt	14.4	22.1	20.1	20.4	20.7
Gasoline, unleaded, bulk [2]	Gallon	2.618	3.267	1.985	2.844	3.562
Diesel fuel [2]	Gallon	2.47	3.613	1.688	2.565	3.537
Tractor, 110-129 hp [3]	Each	74,000	76,100	77,700	78,000	80,400
Tractor, 200-280 hp, 4-wd [3]	Each	154,000	176,000	195,000	198,000	216,000
Planter, row crop, 8-row [3]	Each	33,500	38,000	40,200	42,900	43,100
Grain drill, press, 23-25 openers [3]	Each	26,100	26,900	32,400	36,600	38,700
Combine, self-prop. w/ grain head, large cap. [3]	Each	213,000	230,000	253,000	257,000	275,000
Ammonium nitrate [4]	Ton	364	504	406	416	460
Muriate of potash 60-62% K_2O [4]	Ton	277	562	848	501	594
Superphosphate, 44-46% P_2O_5 [4]	Ton	409	779	555	465	536
Anhydrous ammonia [4]	Ton	536	769	787	520	776
Atrazine, 4#/gallon [3]	Gallon	12.2	15.3	20.8	18.9	17.3
Roundup, 4#/gallon EC [3]	Gallon	28.9	40.5	42.8	22.8	16.8
Harness, Surpass, 6.4-7#/gallon EC [3]	Gallon	69.2	71.7	75.5	70.3	69.6
2,4-D, 3.8#/gallon [3]	Gallon	15.9	17.2	19.3	18	18
Captan, 50% WP [3]	Pound	4.59	5.51	6.43	7.18	7.55
Ziram, 76% WP [3]	Pound	3.08	3.35	3.94	4.07	4.38
Guthion, 50% WP [3]	Pound	11.7	11.6	13.5	13.5	13.5
Imidan, Prolate, 50% WP [3]	Pound	9.05	8.92	10.2	10.2	11.2

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 Labor

Hired farm workers: Annual average wage rates, 2006-2010

Year	All hired workers	Field workers	Field and livestock workers
	Dollars per hour	*Dollars per hour*	*Dollars per hour*
2006	10.37	9.64	9.65
2007 [1]	10.87	10.12	10.01
2008	11.25	10.80	10.63
2009	11.22	10.82	10.57
2010	11.37	11.23	10.62

[1] The January 2007 Farm Labor survey was not conducted due to budget constraints. Modeling of historical data and time-series analysis were used to generate estimates for the Lake States region (Michigan, Minnesota, and Wisconsin).

Agricultural Exports

Michigan ranked eighteenth in agricultural exports for fiscal year 2010. 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 commodity groups accounted for approximately 80 percent of the State's agricultural exports. The total value of agricultural exports produced in Michigan in 2010 was estimated at $1.75 billion.

Michigan agricultural exports: Fiscal year 2010 [1] [2]

Commodity	Value	Percent of total	Rank in U.S.
	Million dollars	*Percent*	*Number*
Soybeans and products	588.7	33.6	12
Feed grains and products	276.3	15.8	13
Wheat and products	194.3	11.1	16
Other [3]	175.4	10.0	6
Vegetables and preparations	157.9	9.0	9
Fruits and preparations	144.6	8.2	7
Live animals and meat, excluding poultry	81.0	4.6	19
Feeds and fodders	43.6	2.5	27
Hides and skins	40.9	2.3	13
Seeds	18.4	1.0	16
Poultry and products	16.6	1.0	26
Fats, oils, and greases	16.4	0.9	12
Total	1,754.1		18

[1] Source: U.S. Department of Agriculture, Economic Research Service, www.ers.usda.gov/data/fatus.
[2] Based on location of farm where commodity is produced.
[3] Sugar and tropical product, minor oilseeds, essential oils, beverages other than juice, nursery and greenhouse, wine, and miscellaneous vegetable products.

Michigan agricultural exports: Top 10 destinations, 2009-2010 [1] [2]

Country	2009	2010
	Thousand dollars	*Thousand dollars*
Canada	252,941,290	232,972,387
Mexico	54,754,500	48,651,193
Japan	29,197,559	22,722,826
Italy	6,735,959	5,467,651
United Kingdom	2,212,799	3,685,622
South Korea	2,623,834	2,561,302
France	3,226,932	2,119,238
Guatemala	791,720	1,538,927
Taiwan	967,519	1,309,932
Jamaica	1,111,187	1,214,561

[1] Source: U.S. Department of Commerce, International Trade Administration, www.ita.doc.gov.
[2] Based on location of exporting firm.

Agricultural Chemical Usage

Michigan statistics for on-farm use of agricultural chemicals are from the 2010 Vegetable Chemical Use Survey conducted by USDA, NASS for 29 vegetable crops in nineteen states. Chemical use statistics for other states and pest management practices are available online at: www.nass.gov/Statistics_by_Subject/Environmental/

The fertilizer and chemical use statistics for corn and potatoes in Michigan are from the 2010 Agricultural Resource Management Survey. Other information on fertilizer and chemical use on corn and potatoes are also available on the NASS website.

Asparagus: Agricultural chemical applications, 2010 [1]

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	Percent	*Number*	*Pounds per acre*	*Pounds per acre*	*Pounds*
Herbicides					
2,4-D, dimeth. salt	48	1.4	0.791	1.079	5,500
Clethodim	3	1.0	0.119	0.119	([2])
Diuron	85	1.6	1.259	1.952	17,800
Glyphosate iso. salt	91	1.6	0.771	1.243	12,100
Halosulfuron	24	1.1	0.030	0.034	100
Metribuzin	41	1.2	0.584	0.702	3,000
Sulfentrazone	24	1.3	0.137	0.177	500
Terbacil	6	1.0	0.732	0.732	500
Insecticides					
Carbaryl	83	2.9	1.110	3.238	28,800
Chlorpyrifos	49	1.3	0.842	1.118	5,900
Permethrin	39	2.5	0.108	0.268	1,100
Fungicides					
Chlorothalonil	59	2.7	1.316	3.543	22,500
Tebuconazole	16	1.6	0.120	0.192	300

[1] Planted acres in 2010 were 10,700 acres.
[2] Total applied was less than 50 lbs.

Snap Beans, Processing: Agricultural chemical applications, 2010 [1]

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	Percent	*Number*	*Pounds per acre*	*Pounds per acre*	*1,000 lbs*
Herbicides					
Bentazon	78	1.0	0.628	0.628	7,200
Fomesafen	13	1.0	0.132	0.132	300
Imazamox	31	1.0	0.032	0.032	100
S-Metolachlor	81	1.3	1.707	2.201	26,300
Trifluralin	26	1.0	0.522	0.522	2,000
Insecticides					
Acephate	53	1.1	0.744	0.844	6,600

[1] Planted acres in 2010 were 14,800 acres.

Carrots, Fresh: Agricultural chemical applications, 2010 [1]

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	Percent	*Number*	*Pounds per acre*	*Pounds per acre*	*1,000 lbs*
Insecticides					
Carbaryl	5	2.2	0.990	2.179	200
Esfenvalerate	33	3.2	0.024	0.078	100
Fungicides					
Chlorothalonil	88	1.7	1.377	2.310	4,300

[1] Planted acres in 2010 were 2,100 acres.

Sweet Corn, Fresh: Agricultural chemical applications, 2010 [1]

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	Percent	*Number*	*Pounds per acre*	*Pounds per acre*	*1,000 lbs*
Herbicides					
2,4-D, dimeth. salt	2	1.0	0.392	0.392	100
Atrazine	79	1.0	0.881	0.886	7,000
Bentazon	23	1.0	0.550	0.550	1,300
Glyphosate iso. salt	2	1.0	1.075	1.075	300
Mesotrione	20	1.0	0.125	0.125	300
Pendimethalin	11	1.0	0.603	0.603	600
S-Metolachlor	67	1.0	1.199	1.199	8,100
Insecticides					
Carbaryl	3	2.0	1.128	2.286	600
Chlorpyrifos	7	1.3	0.755	0.958	600
Cyfluthrin	11	1.8	0.028	0.050	100
Esfenvalerate	25	2.4	0.035	0.083	200
Lambda-cyhalothrin	47	3.0	0.023	0.069	300
Methomyl	29	1.9	0.413	0.776	2,200
Permethrin	10	2.1	0.122	0.261	300
Thiodicarb	16	2.5	0.737	1.869	3,000
Zeta-cypermethrin	6	2.4	0.019	0.045	([2])
Fungicides					
Chlorothalonil	6	1.9	1.312	2.469	1,500
Mancozeb	4	1.2	1.274	1.482	500
Propiconazole	11	1.4	0.101	0.144	200

[1] Planted acres in 2010 were 10,000.
[2] Total applied was less than 50 lbs.

Cucumbers, Fresh: Agricultural chemical applications, 2010 [1]

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	Percent	*Number*	*Pounds per acre*	*Pounds per acre*	*1,000 lbs*
Herbicides					
Clomazone	14	1.0	0.179	0.179	100
Ethalfluralin	63	1.0	0.562	0.562	1,500
Halosulfuron	53	1.0	0.024	0.024	100
Insecticides					
Carbaryl	1	2.4	0.941	2.266	100
Esfenvalerate	14	5.2	0.041	0.215	100
Lambda-Cyhalothrin	2	1.8	0.022	0.039	([2])
Permethrin	58	2.9	0.150	0.432	1,100
Fungicides					
Azoxystrobin	5	1.1	0.175	0.200	([2])
Chlorothalonil	96	4.1	2.018	8.309	34,200
Copper hydroxide	79	3.1	0.903	2.767	9,400
Cymoxanil	83	1.9	0.122	0.237	800
Famoxadone	83	1.9	0.122	0.237	800
Fluopicolide	8	1.5	0.125	0.184	100
Mancozeb	5	2.3	1.554	3.620	700
Myclobutanil	2	1.0	0.096	0.097	([2])
Propamocarb hydroch.	76	1.2	0.819	1.020	3,300

[1] Planted acres in 2010 were 4,300 acres.
[2] Total applied was less than 50 lbs.

Cucumbers, Pickles: Agricultural chemical applications, 2010 [1]

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	Percent	*Number*	*Pounds per acre*	*Pounds per acre*	*1,000 lbs*
Herbicides					
Clomazone	59	1.0	0.185	0.185	3,500
Ethalfluralin	67	1.0	0.332	0.332	7,100
Halosulfuron	59	1.0	0.016	0.016	300
Fungicides					
Chlorothalonil	94	2.6	0.920	2.362	71,300
Copper hydroxide	46	1.0	0.355	0.365	5,300
Cymoxanil	83	1.2	0.125	0.151	4,000
Famoxadone	83	1.2	0.125	0.151	4,000
Mancozeb	78	1.6	1.949	3.149	79,100
Propamocarb hydroch.	95	1.6	0.768	1.235	37,600

[1] Planted acres in 2010 were 32,000.

Pumpkins: Agricultural chemical applications, 2010 [1]

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	Percent	*Number*	*Pounds per acre*	*Pounds per acre*	*1,000 lbs*
Herbicides					
Clomazone	44	1.0	0.301	0.303	1,000
Ethalfluralin	29	1.0	1.010	1.020	2,200
Glyphosate iso. salt	18	1.0	1.044	1.044	1,400
Halosulfuron	14	1.0	0.032	0.032	([2])
S-Metolachlor	28	1.0	1.036	1.036	2,200
Insecticides					
Bifenthrin	11	2.9	0.044	0.127	100
Carbaryl	10	2.0	0.989	1.962	1,400
Cyfluthrin	1	1.4	0.041	0.059	([2])
Esfenvalerate	21	2.0	0.034	0.070	100
Imidacloprid	2	1.2	0.152	0.187	([2])
Lambda-cyhalothrin	7	2.4	0.022	0.052	([2])
Zeta-Cypermethrin	2	2.7	0.018	0.048	([2])
Fungicides					
Azoxystrobin	19	1.4	0.138	0.196	300
Boscalid	13	1.2	0.011	0.014	([2])
Chlorothalonil	74	2.6	1.260	3.272	18,000
Copper hydroxide	51	2.8	0.559	1.589	6,000
Cymoxanil	20	1.4	0.123	0.175	300
Famoxadone	20	1.4	0.123	0.175	300
Myclobutanil	21	2.0	0.080	0.159	300
Propamocarb hydroch.	12	1.5	0.665	0.992	900
Pyraclostrobin	16	1.8	0.053	0.095	100
Thiophanate-methyl	20	1.6	0.230	0.359	500
Trifloxystrobin	7	2.1	0.083	0.176	100

[1] Planted acres in 2010 were 7,400.
[2] Total applied was less than 50 lbs.

Squash: Agricultural chemical applications, 2010 [1]

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	Percent	*Number*	*Pounds per acre*	*Pounds per acre*	*1,000 lbs*
Herbicides					
Clethodim	7	1.0	0.115	0.115	100
Clomazone	54	1.0	0.260	0.269	1,000
Ethalfluralin	65	1.0	0.796	0.803	3,500
Glyphosate iso. salt	10	1.1	1.030	1.082	700
Halosulfuron	18	1.0	0.032	0.033	([2])
S-Metolachlor	5	1.0	1.099	1.118	400
Insecticides					
Carbaryl	13	1.7	0.918	1.523	1,400
Cyfluthrin	6	6.9	0.037	0.260	100
Endosulfan	8	1.5	0.668	0.996	500
Esfenvalerate	18	3.5	0.039	0.136	200
Imidacloprid	7	1.0	0.248	0.248	100
Lambda-cyhalothrin	6	1.6	0.020	0.033	([2])
Permethrin	23	2.7	0.167	0.457	700
Fungicides					
Azoxystrobin	4	1.8	0.188	0.331	100
Boscalid	14	3.6	0.017	0.061	100
Chlorothalonil	74	3.5	1.367	4.791	23,600
Copper hydroxide	41	2.3	0.433	1.008	2,700
Cymoxanil	16	3.6	0.123	0.443	500
Famoxadone	16	3.6	0.123	0.443	500
Myclobutanil	26	2.0	0.104	0.206	400
Propamocarb hydroch.	7	1.9	0.786	1.470	700
Pyraclostrobin	24	2.5	0.022	0.057	100
Thiophanate-methyl	10	1.8	0.318	0.573	400

[1] Planted acres in 2010 were 6,700 acres.
[2] Total applied was less than 50 lbs.

Fertilizer applications: Corn, 2010 [1]

Fertilizer	Symbol	Area applied	Applications	Rate per application	Rate per crop year	Total applied
		Percent	*Number*	*Pounds per acre*	*Pounds per acre*	*Million pounds*
Nitrogen	N	99	2.1	58	122	289
Phosphate	P_2O_5	93	1.4	24	32	72
Potash	K_2O	83	1.3	73	94	187
Sulfur	S	35	1.0	5	5	5

[1] Planted acres in 2010 were 2.40 million acres.

Agricultural chemical applications: Corn, 2010 [1]

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	Percent	*Number*	*Pounds per acre*	*Pounds per acre*	*1,000 pounds*
Herbicides:					
Acetochlor	25	1.0	1.242	1.242	730
Atrazine	55	1.0	0.794	0.794	1,045
Dimethenamid-P	4	1.0	0.582	0.582	61
Glyphosate iso. Salt	54	1.2	0.932	1.113	1,439
Glyphosate Pot. Salt	2	1.0	0.981	0.981	40
Mesotrione	22	1.0	0.129	0.129	69
S-Metolachlor	21	1.0	1.232	1.232	632

[1] Planted acres in 2010 were 2.40 million acres.

Fertilizer applications: Fall potatoes, 2010 [1]

Fertilizer	Symbol	Area applied	Applications	Rate per application	Rate per crop year	Total applied
		Percent	*Number*	*Pounds per acre*	*Pounds per acre*	*Million pounds*
Nitrogen	N	100	4.4	44	195	8.6
Phosphate	P_2O_5	98	1.7	46	80	3.5
Potash	K_2O	100	2.1	91	196	8.6

[1] Planted acres in 2010 were 44,000 acres.

Agricultural chemical applications: Fall potatoes 2010 [1]

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	Percent	*Number*	*Pounds per acre*	*Pounds per acre*	*1,000 pounds*
Herbicides					
Linuron	67	1.0	0.598	0.598	18,000
Metribuzin	35	1.0	0.139	0.139	2,000
Rimsulfuron	42	1.5	0.019	0.028	1,000
S-Metolachlor	41	1.0	1.243	1.243	22,000
Insecticides					
Cyfluthrin	55	1.5	0.027	0.040	1,000
Esfenvalerate	28	1.6	0.031	0.049	1,000
Imidacloprid	78	1.2	0.091	0.109	4,000
Phosmet	3	1.1	0.716	0.780	1,000
Fungicides					
Azoxystrobin	11	1.8	0.105	0.191	1,000
Chlorothalonil	83	5.6	0.791	4.417	162,000
Cymoxanil	39	1.6	0.114	0.182	3,000
Famoxadone	39	1.6	0.114	0.182	3,000
Manocozeb	60	3.3	1.219	4.019	107,000
Other chemicals					
Diquat dibromide	67	1.6	0.371	0.582	17,000

[1] Planted acres in 2010 were 44,000 acres.

Commercial fertilizer consumption: 2005-2009 [1]

Item	Year ending June 30				
	2005	2006	2007	2008	2009
	Short tons	*Short tons*	*Short tons*	*Short tons*	*Short tons*
Primary plant nutrients					
Total N	253,433	232,710	268,566	241,823	193,784
N in multi-nutrients	57,559	58,308	53,231	44,373	42,960
Total P_2O_5	82,885	85,746	81,110	74,767	52,628
P_2O_5 in multi-nutrients	81,187	83,841	80,132	74,219	51,403
Total K_2O	189,432	163,523	184,571	173,104	112,820
K_2O in multi-nurtrients	41,926	36,883	28,060	24,902	26,037
Total plant nutrients	525,751	481,979	534,247	489,694	359,232
Average analysis	37.7	41.3	41.1	40.8	41.1
Total nutrients in multi-nutrients	180,673	179,031	161,423	143,494	120,400
Selected single-nutrient materials					
Ammonium nitrate	7,501	5,168	2,899	3,085	2,860
Anhydrous ammonia	50,071	33,759	45,245	38,983	28,078
Nitrogen solutions	301,868	279,293	367,967	302,401	250,297
Urea	108,090	107,941	118,448	137,423	93,397
Ammonium sulfate	36,660	30,254	44,904	35,860	25,863
Concentrated superphosphate	3,716	4,189	1,866	945	1,323
Potassium chloride	234,700	203,398	250,800	235,815	136,370
Multiple-nutrient fertilizers					
N-P-K	227,081	245,713	205,901	198,596	133,333
N-P	134,719	143,185	147,526	131,150	90,873
N-K	44,437	56,456	59,737	60,093	56,138
P-K	2,926	2,536	1,934	592	3,291
Leading multiple-nutrient grades					
10-34-0	37,026	47,687	52,204	44,409	22,181
11-52-0	35,776	35,295	35,713	42,688	21,927
18-46-0	38,902	39,534	39,568	25,550	15,401
15-15-15	([2])	([2])	([2])	([2])	6,095
28-0-3	([2])	([2])	4,680	7,774	5,700
Fertilizer consumption by classes					
Dry bulk single-nutrient	430,495	380,147	442,432	429,052	288,748
Dry bagged single-nutrient	19,815	18,688	21,017	20,665	14,421
Fluid single-nutrient	362,722	319,143	422,173	358,642	287,842
Dry bulk multiple-nutrient	202,878	214,164	156,861	134,348	139,855
Dry bagged multiple-nutrient	137,291	145,636	160,428	155,401	85,689
Fluid multiple-nutrient	68,993	88,090	97,809	100,681	58,091
Organics, secondary and micronutrients	58,519	148,112	134,015	150,999	244,014
Total	1,280,715	1,313,980	1,434,734	1,349,788	1,118,661

[1] Source: The Association of American Plant Food Control Officials.
[2] Grade not published.

Field Crops

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. This pattern led to southwesterly flow aloft across Michigan and to warmer than normal temperatures, and to a very active storm track across central sections of the country. 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. Some of this heavy precipitation fell as far eastward as Michigan during the late spring and early summer, but was not as much of a problem as would typically be the case due to the early completion of planting. 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. These totals are somewhat misleading, as much of the precipitation fell during the month of June, with much less during July and August. 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. Normally such dry conditions would favor early frost, but the first killing frost/freeze of the fall season was 1-2 weeks later than normal across most areas of the state, further extending an already full growing season.

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. The early start of the season and the persistent warmth led to unusually rapid crop growth, development, maturation and dry-down, saving most growers money in drying costs.

Field crops: Acres harvested and value of production, 2006-2010

Item	Unit	2006	2007	2008	2009	2010
Acres harvested	1,000 acres	6,441	6,459	6,454	6,301	6,436
Value of production	1,000 dollars	2,281,287	2,790,551	2,977,525	2,805,669	3,771,442

Grain storage capacity, December 1, 2006-2010

Year	Off farm		On farm capacity
	Facilities	Rated capacity	
	Number	*Million bushels*	*Million bushels*
2006	211	155	260
2007	210	160	270
2008	205	165	270
2009	203	165	270
2010	200	170	280

Field crops: Record highs and lows

Crop	Unit	Record high		Record low		Year estimates started
		Quantity	Year	Quantity	Year	
Barley						
Harvested acres	1,000 acres	303	1932	10	2008,2010	1866
Yield per acre	Bushels	68.0	1985	13.5	1933	
Production	1,000 bu	8,400	1918	460	2008	
Dry Edible beans						
Harvested acres	1,000 acres	690	1930	130	2001	1909
Yield per acre	Pounds	2,100	1999	396	1916	
Production	1,000 cwt	8,585	1963	780	2001	
Corn for grain						
Harvested acres	1,000 acres	2,800	1981	480	1866	1866
Yield per acre	Bushels	150.0	2010	21.5	1917	
Production	1,000 bu	315,000	2010	15,120	1869	
Corn for silage						
Harvested acres	1,000 acres	498	1971	210	2003	1919
Yield per acre	Tons	18.5	2010	4.7	1930	
Production	1,000 tons	5,565	1977	1,542	1930	
Hay, alfalfa						
Harvested acres	1,000 acres	1,444	1950	74	1919	1919
Yield per acre	Tons	4.2	1993	1.1	1934	
Production	1,000 tons	5,040	1985,1986	118	1919	
Hay, all						
Harvested acres	1,000 acres	2,947	1924	780	1866	1909
Yield per acre	Tons	3.8	1993	0.6	1895	
Production	1,000 tons	5,743	1986	1,014	1866	
Oats						
Harvested acres	1,000 acres	1,658	1918	55	2001,2007,2009	1866
Yield per acre	Bushels	70.0	2003	18.5	1921	
Production	1,000 bu	69,388	1946	3,080	2007	
Potatoes						
Harvested acres	1,000 acres	374.0	1895	36.4	1975	1866
Yield per acre	Cwt	360.0	2009,2010	26.0	1887,1916	
Production	1,000 cwt	23,256	1904	3,557	1876	
Soybeans						
Harvested acres	1,000 acres	2,130	2001	1	1930	1924
Yield per acre	Bushels	46.0	2006	8.0	1927	
Production	1,000 bu	91,540	2006	10	1930	
Spearmint						
Harvested acres	1,000 acres	8.7	1954	0.7	1935	1935
Yield per acre	Pounds	70.0	2010	20.0	1965	
Production	1,000 lbs	280	1948	27	1996	
Sugarbeets						
Harvested acres	1,000 acres	147,000	2010	48	1943,1953	1909
Yield per acre	Tons	28.7	2008	5.5	1916	
Production	1,000 tons	3,903	2008	298	1943	
Wheat, winter						
Harvested acres	1,000 acres	1,515	1953	400	1987	1909
Yield per acre	Bushels	73.0	2006	10.5	1912	
Production	1,000 bu	48,990	2008	7,350	1912	

Barley

Michigan barley growers planted 11,000 acres and harvested 10,000 acres in 2010. Total production was 540,000 bushels, down 4 percent from 2009. The average yield increased by 3 bushels to 54 bushels per acre. Barley planting began in April well ahead of the five-year average. The crop had good early stands then decreased in condition during mid growing season. The crop finished well and had a strong yield average. Early planting directly led to early harvesting as most of the crop was harvested by mid August.

Barley: Acres, yield, production, and value, 2006-2010

Year	Planted	Harvested	Yield	Production	Price [1]	Value of production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
2006	15	14	49	686	1.80	1,235
2007	14	13	51	663	2.50	1,658
2008	12	10	46	460	3.25	1,495
2009	13	11	51	561	2.80	1,571
2010	11	10	54	540	2.45	1,323

[1] Marketing year average.

Corn

There were 2.40 million acres planted to corn in 2010, up 50,000 acres from 2009. Grain corn production was 315.0 million bushels, up 2 percent from 2009; 2.10 million acres were harvested for grain. The record high yield of 150 bushels per acre was up 2 bushels per acre from the 2009 crop. Farmers harvested 290,000 acres of corn for silage; the average yield was 18.5 tons per acre.

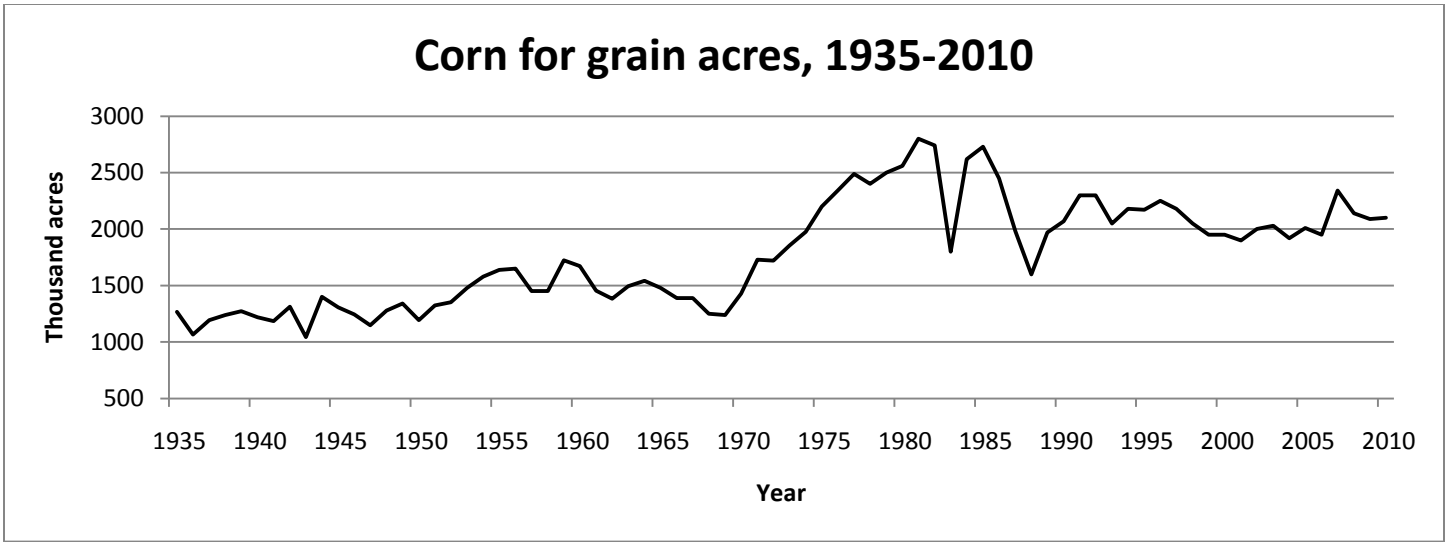
Planting of corn in Michigan began on schedule in mid-April. Warm dry conditions allowed rapid progress until mid-May; 80 percent of corn was planted by May 15. Wet conditions prevailed the second half of May, and planting slowed. It was virtually completed by the end of the first week of June. Emergence was also ahead of normal throughout the spring. As of August 1 crop development was about twelve days ahead of average; cumulative growing degree days since April 1 were 250-400 above normal in major corn growing areas. Precipitation had also been above normal. Almost 75 percent of the acreage was rated good or excellent at the end of August. There had been virtually no heat stress on the crop. The harvest of corn for grain began second week of September, about two weeks ahead of normal. By October 1, nearly one-third was harvested, about 20 days ahead of average. The weather was very good for combining throughout October and early November. Combining was only slowed by lines at elevators. The harvest was virtually done by mid-November, about one month ahead of normal.

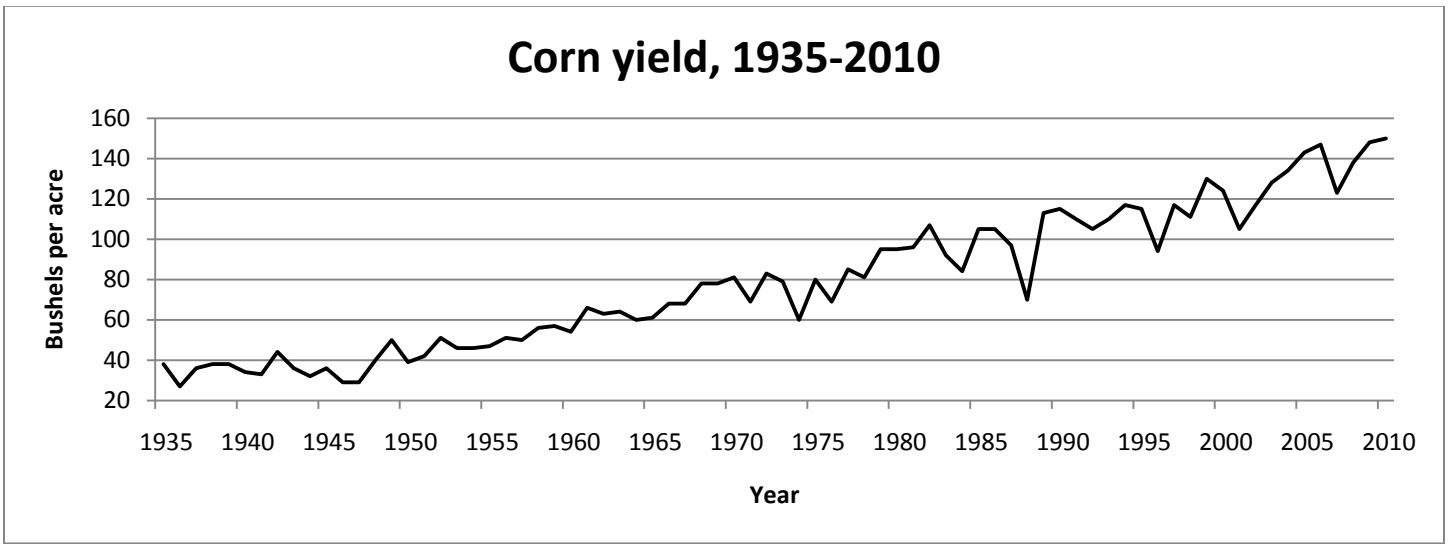
The 2010 corn crop was valued at $1.75 billion, up 60 percent from 2009. Corn continued to be Michigan's number one crop in value of production. The top three counties in corn production in 2010 were Huron, Lenawee, and Saginaw.

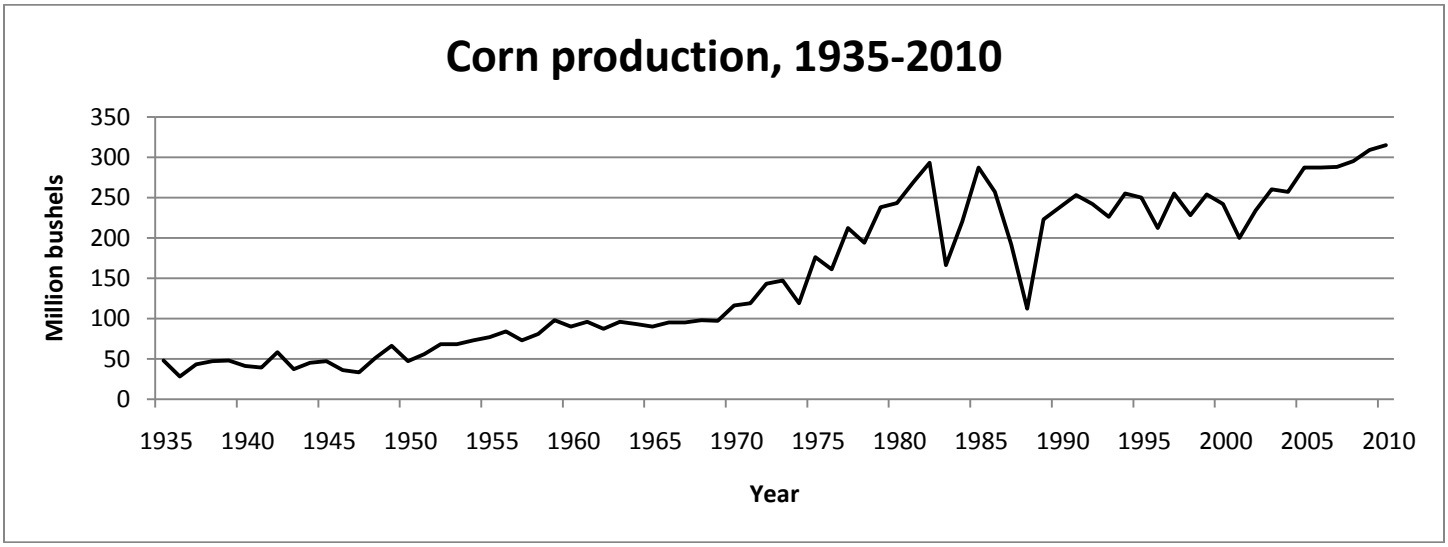
Corn: Acres, yield, production, and value, 2006-2010

Year	Planted	Harvested	Yield	Production	Price [1]	Value of production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
All						
2006	2,200					
2007	2,650					
2008	2,400					
2009	2,350					
2010	2,400					
Grain						
2006		1,950	147	286,650	3.10	888,615
2007		2,340	123	287,820	4.37	1,257,773
2008		2,140	138	295,320	3.84	1,134,029
2009		2,090	148	309,320	3.53	1,091,900
2010		2,100	150	315,000	5.55	1,748,250
	1,000 acres	*1,000 acres*	*Tons*	*1,000 tons*		
Silage						
2006		240	16.5	3,960		
2007		295	14.5	4,278		
2008		250	16.5	4,125		
2009		220	15.5	3,410		
2010		290	18.5	5,365		

[1] Marketing year average.


Corn for grain acres, 1935-2010
Thousand acres
3000
2500
2000
1500
1000
500
1935 1940 1945 1950 1955 1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010
Year


Corn yield, 1935-2010
Bushels per acre
160
140
120
100
80
60
40
20
1935 1940 1945 1950 1955 1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010
Year


Corn production, 1935-2010
Million bushels
350
300
250
200
150
100
50
0
1935 1940 1945 1950 1955 1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010
Year

Corn for grain: Stocks by quarter, 2006-2010

Crop year	December 1		March 1		June 1		September 1	
	On farm	Off farm	On farm	Off farm	On farm	Off farm	On farm	Off farm
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
2006	145,000	59,000	88,000	53,400	52,000	32,900	12,500	11,900
2007	140,000	64,500	87,000	53,100	43,000	46,200	14,000	18,900
2008	160,000	62,500	100,000	44,000	60,000	38,100	21,000	16,800
2009	195,000	50,550	100,000	55,200	55,000	38,300	9,500	16,713
2010	175,000	74,091	79,000	63,000	41,000	41,900		

Corn: Percentage of acreage planted, 2006-2010

Year	Month and day					
	April		May			June
	20	30	10	20	30	10
2006	3	31	69	84	93	100
2007	1	12	48	80	95	100
2008	1	24	66	87	97	100
2009	2	4	18	56	89	99
2010	22	47	76	83	93	100
5-year-average	6	24	55	78	93	100

Corn: Percentage of acreage silked, 2006-2010

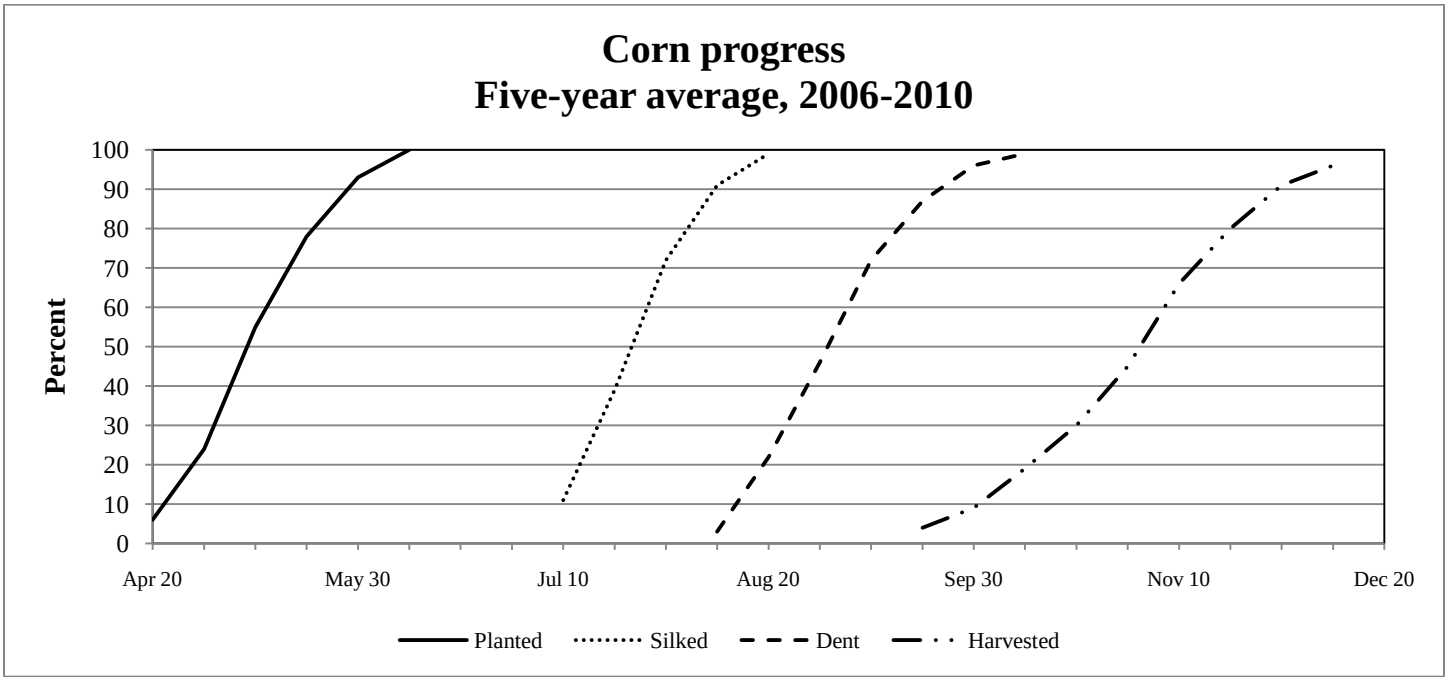
Year	Month and day					
	July				August	
	1	10	20	30	10	20
2006	0	6	44	84	95	100
2007	0	14	50	77	94	100
2008	0	1	24	73	95	100
2009	0	1	8	37	74	94
2010	17	35	70	91	98	100
5-year-average	4	11	39	72	91	99

Corn: Percentage of acreage dent stage, 2006-2010

Year	Month and day						
	August			September			October
	10	20	30	10	20	30	10
2006	1	27	55	84	93	98	100
2007	2	22	45	77	92	100	100
2008	0	13	43	72	87	97	100
2009	0	1	13	32	64	84	93
2010	13	46	76	91	99	100	100
5-year-average	3	22	46	72	87	96	99

Corn: Percentage of acreage harvested for grain, 2006-2010

Year	Month and day									
	September			October			November			December
	10	20	30	10	20	30	10	20	30	10
2006	0	2	5	10	20	34	59	71	84	94
2007	0	4	12	23	35	57	81	92	99	100
2008	0	0	4	13	26	45	74	86	95	100
2009	0	0	0	3	4	9	21	53	77	88
2010	0	14	25	45	66	82	96	98	99	100
5-year-average	0	4	9	19	30	45	66	80	91	96



Dry Edible Beans

Michigan dry bean planting was underway the first week of June in Michigan. By June 12th, 59 percent of dry beans were planted, in contrast to 48 percent last year and to the five-year average of 46 percent. The first week of July, dry bean planting was nearing completion with several acres being replanted due to drownout.

Michigan's 2010 total dry bean production was 4.23 million hundredweight (cwt), 13.3 percent of U.S. production. Michigan ranked second in dry bean production for 2010. The value of production was 122.2 million dollars, up 4 percent from 2009.

Dry edible beans: Acres, yield, production, and value, 2006-2010

Year	Planted	Harvested	Yield	Production	Price [1]	Value of production
	1,000 acres	*1,000 acres*	*Pounds*	*1,000 cwt*	*Dol/cwt*	*1,000 dollars*
2006	225	215	1,900	4,085	21.10	86,194
2007	200	195	1,600	3,120	31.90	99,528
2008	200	195	1,850	3,607	36.30	130,934
2009	200	195	1,800	3,510	33.50	117,585
2010	236	235	1,800	4,230	28.90	122,247

[1] Marketing year average.

Dry edible beans: Acres, yield, and production, by class, 2006-2010

Class and Year	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Pounds*	*1,000 cwt*
Black				
2006	91,600	86,600	1,930	1,670
2007	96,500	94,500	1,630	1,540
2008	91,000	89,000	1,900	1,691
2009	102,000	99,100	1,790	1,770
2010	128,000	127,000	1,810	2,304
Cranberry				
2006	8,000	7,900	1,460	115
2007	6,900	6,800	1,290	88
2008	7,200	7,000	1,540	108
2009	3,900	3,800	1,450	55
2010	3,800	3,800	1,500	57
Great Northern				
2006	500	500	2,000	10
2007 [1]				
2008 [1]				
2009 [1]				
2010 [1]				
Navy				
2006	80,000	77,500	1,960	1,520
2007	61,000	59,500	1,660	990
2008	62,000	60,500	1,920	1,162
2009	52,000	51,100	1,910	976
2010	70,000	70,000	1,840	1,290
Pinto				
2006	5,000	4,900	1,900	93
2007	4,000	3,900	1,490	58
2008	1,800	1,700	1,880	32
2009	4,000	3,900	1,620	63
2010	4,100	4,100	1,900	78
Red kidney, dark				
2006	4,000	3,600	1,170	42
2007	2,300	2,000	900	18
2008	2,500	2,400	1,210	29
2009	2,000	1,900	1,160	22
2010	2,900	2,900	1,100	32
Red kidney, light				
2006	11,300	10,300	1,700	175
2007	8,600	8,400	1,180	99
2008	9,500	9,300	1,260	117
2009	9,100	9,000	1,540	139
2010	9,000	9,000	1,700	153
Small, red				
2006	20,000	19,500	2,000	390
2007	16,000	15,500	1,630	253
2008	22,400	21,800	1,950	425
2009	21,100	20,700	1,950	404
2010	9,300	9,300	1,860	173
Other				
2006	4,600	4,200	1,667	70
2007	4,700	4,400	1,680	74
2008	3,600	3,300	1,300	43
2009	5,900	5,500	1,470	81
2010	8,900	8,900	1,610	143

[1] Included in Other class.

Hay and Haylage

Michigan hay production was estimated at 2.73 million tons, up from 2.48 in 2009. Alfalfa and alfalfa mixtures accounted for 77 percent of all dry hay produced. All hay harvested acres were estimated at 1.00 million, up from 0.99 million in 2009. The average all hay yield was 2.73 tons per acre, up from 2.51 the previous year. Harvest began in late May, but growers reported many areas were too wet to begin harvest even though alfalfa was tall. In June, some fields were past maturity due to not being able to harvest because of wet conditions. Dry conditions in late July and August slowed progress of Michigan's hay crop. Most final cuttings of hay were done in early to mid-September due to cooler temperatures hindering growth. Alfalfa accounted for 700,000 acres of the total harvested with a yield of 3.0 tons per acre. Other hay accounted for 300,000 acres with a yield of 2.1 tons per acre. The value of the hay crop was $278 million, down 8 percent from 2009.

Hay, haylage, and greenchop: Acres, yield, production, and value, 2006-2010

Year	Planted	Harvested	Yield	Production	Price [1]	Value of production
	1,000 acres	*1,000 acres*	*Tons*	*1,000 tons*	*Dollars*	*1,000 dollars*
All dry hay						
2006		1,120	2.87	3,212	94.00	300,404
2007		1,050	2.31	2,429	124.00	299,411
2008		1,020	2.58	2,633	153.00	401,948
2009		990	2.51	2,482	119.00	301,120
2010		1,000	2.73	2,730	101.00	277,830
Alfalfa hay						
2006		810	3.20	2,592	97.00	251,424
2007		770	2.50	1,925	127.00	244,475
2008		770	2.90	2,233	156.00	348,348
2009		700	2.80	1,960	127.00	248,920
2010		700	3.00	2,100	108.00	226,800
Alfalfa seedings						
2006	120					
2007	100					
2008	115					
2009	90					
2010	110					
Other hay						
2006		310	2.00	620	79.00	48,980
2007		280	1.80	504	109.00	54,936
2008		250	1.60	400	134.00	53,600
2009		290	1.80	522	100.00	52,200
2010		300	2.10	630	81.00	51,030
All haylage and greenchop						
2006		300	6.64	1,992		
2007		270	6.70	1,810		
2008		285	6.24	1,778		
2009		315	5.08	1,601		
2010		330	7.29	2,405		
Alfalfa haylage and greenchop						
2006		280	6.90	1,932		
2007		250	7.00	1,750		
2008		270	6.40	1,728		
2009		290	5.20	1,508		
2010		310	7.50	2,325		

[1] Marketing year average.

Hay: Stocks on farms, 2007-2011

Year	May 1	December 1
	1,000 tons	*1,000 tons*
2007	350	1,700
2008	320	1,998
2009	450	1,451
2010	330	2,000
2011	420	([1])

[1] Published in January 2012.

Maple Syrup

Michigan maple syrup production was estimated at 123,000 gallons for the 2011 season, 33 percent above 2010 production. The 2011 maple syrup season was longer than normal. Overall, conditions were conducive for sap flow with a cold spot in late March. Production was up from last year and has set a new record high production over 2009. The syrup that was produced was of average quality and had a good flavor. Nearly 90 percent of the syrup was rated light to medium in color. The season was longer, 29 days, compared to 20 days in 2010 and 25 days in 2009. Michigan was ranked seventh in maple syrup production in 2011 and produced 4 percent of the total U.S. production. Total taps were 495,000, and the syrup yield was 0.248 gallons per tap. The average price per gallon sold for 2010 production was $45.00, and the value of production was $3.690 million, down from $5.175 million in 2009.

Maple syrup: Taps, yield, production, price, and value, 2007-2011

Year	Taps	Yield per tap	Production	Price per gallon	Value of production
	1,000	*Gallons*	*1,000 gallons*	*Dollars*	*1,000 dollars*
2007	390	0.167	65	41.60	2,704
2008	405	0.259	105	41.00	4,305
2009	450	0.256	115	45.00	5,175
2010	490	0.167	82	45.00	3,690
2011	495	0.248	123	([1])	([1])

[1] Published in June 2012.

Mint

Mint: Acres, yield, production, and value, 2006-2010

Year	Harvested	Yield	Production	Price per pound [1]	Value of production
	1,000 acres	*Pounds*	*1,000 Pounds*	*Dollars*	*1,000 dollars*
Peppermint					
2006	0.7	50	35	13.50	473
2007	0.7	40	28	14.40	403
2008	0.8	45	36	28.00	1,008
2009	0.6	60	36	18.00	648
2010	0.7	61	43	22.00	946
Spearmint					
2006	1.6	60	96	10.00	960
2007	1.5	60	90	12.00	1,080
2008	1.5	60	90	15.00	1,350
2009	1.6	65	104	13.00	1,352
2010	1.6	70	112	17.00	1,904

[1] Marketing year average.

Oats

There was an increase in oat acreage in Michigan in 2010. Growers planted 75,000 acres of oats in 2010, compared with 70,000 the previous year. Harvested acres, at 60,000, were up 5,000 from last year. The 2010 oat production was 4.1 million bushels, up 18 percent from the previous year. The average oat yield, at 68 bushels per acre, was up 5 bushels from 2009.

Oat planting was nearly complete by early May. Emergence was very good and the subsequent standability was excellent. Disease and insect pressure remained low through the summer. Oats began heading in late May. Oat harvest began in mid-July and was complete in all areas by the middle of August. Sanilac County ranked first in oat production in 2010. Huron, Montcalm, Presque Isle, and Isabella rounded out the top five counties.

Oats: Acres, yield, production, and value, 2006-2010

Year	Planted	Harvested	Yield	Production	Price [1]	Value of production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
2006	80	65	62	4,030	1.93	7,778
2007	70	55	56	3,080	2.91	8,963
2008	75	60	66	3,960	3.40	13,464
2009	70	55	63	3,465	2.21	7,658
2010	75	60	68	4,080	2.45	9,996

[1] Marketing year average.

Potatoes

Michigan's 2010 potato production was 15.66 million hundredweight, unchanged from 2009. Planted acres were 44,000 and harvested acres were 43,500. The average yield was again a record high 360 cwt. per acre. In 2010 Michigan ranked sixth among states in potato value of production. The value of 2010 production was 166.0 million dollars, up one percent from 2009.

Potato planting began in mid-April. Emergence was good. There were timely rains and the crop progressed rapidly throughout the growing season. Early harvest for farm markets began in July. High August temperatures kept the crop from breaking last year's record yield. Fall harvest conditions were nearly ideal and the harvesting proceeded rapidly. As of November 1, 96 percent of the potatoes were harvested.

Fall potatoes: Acres, yield, production, and value, 2006-2010

Year	Planted	Harvested	Yield	Production	Price [1]	Value of production
	1,000 acres	*1,000 acres*	*Cwt*	*1,000 cwt*	*Dollars*	*1,000 dollars*
2006	43.5	43.0	330	14,190	8.35	118,487
2007	42.5	42.0	350	14,700	8.45	124,215
2008	43.0	42.5	350	14,875	10.10	150,238
2009	45.0	43.5	360	15,660	10.50	164,430
2010	44.0	43.5	360	15,660	10.60	165,996

[1] Marketing year average.

Fall potatoes: Stocks by type as percent of total stocks, December 1, 2006-2010

Type	2006	2007	2008	2009	2010
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
White	87	86	83	89	90
Russet	12	12	15	10	9
Red	1	1	1	1	1
Yellow [1]	0	1	1	0	0

[1] Estimates began in 2007.

Fall potatoes: Production and disposition, 2006-2010

Crop year	Production	Total used for seed	Farm Disposition		Sold
			Seed, feed, and home use	Shrinkage and loss	
	1,000 cwt	*1,000 cwt*	*1,000 cwt*	*1,000 cwt*	*1,000 cwt*
2006	14,190	961	180	1,800	12,210
2007	14,700	1,046	185	1,815	12,700
2008	14,875	1,089	210	1,265	13,400
2009	15,660	1,060	215	1,675	13,770
2010	15,660	([1])	([1])	([1])	([1])

[1] Published in September 2011

Fall potatoes: Stocks, 2006-2010

Crop year	December 1	January 1	February 1	March 1	April 1	May 1
	1,000 cwt	*1,000 cwt*	*1,000 cwt*	*1,000 cwt*	*1,000 cwt*	*1,000 cwt*
2006	8,100	6,300	4,600	3,300	1,800	700
2007	8,800	7,000	5,300	3,700	2,100	800
2008	8,300	6,600	4,800	3,300	1,800	700
2009	9,000	7,100	5,300	3,500	1,700	([1])
2010	9,300	7,600	5,900	4,100	2,300	900

[1] Withheld to avoid disclosure of individual operations.

Soybeans

Michigan soybean production totaled 88.7 million bushels in 2010, up 11 percent from 2009. The yield was 43.5 bushels per acre in 2010, up 3.5 bushels per acre from the previous year. Planted acres increased by 50,000 acres over last year's total to 2.05 million acres. Harvested acres increased accordingly to 2.04 million. Soybean marketing year average price rose by 19 percent over 2009. Planting progress was off to a rapid start in 2010 but was soon slowed due to some wet weather. By mid to late June, planting was complete, and early planted fields were just beginning to bloom. Above average rain across most of the State caused the crop to mature nicely through the summer months. There was some hot, dry weather at the end of August. Leaves began turning close to this time and were dropping around the first of September. Harvest was ahead of schedule because of nice harvest weather, began in mid to late September, and continued through the end of October. Overall, a good quality soybean crop was harvested in 2010.

Soybeans: Acres, yield, production, and value, 2006-2010

Year	Planted	Harvested	Yield	Production	Price [1]	Value of production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
2006	2,000	1,990	46.0	91,540	6.27	573,956
2007	1,800	1,790	40.0	71,600	9.69	693,804
2008	1,900	1,890	37.0	69,930	9.82	686,713
2009	2,000	1,990	40.0	79,600	9.54	759,384
2010	2,050	2,040	43.5	88,740	11.40	1,011,636

[1] Marketing year average.

Soybeans: Stocks by quarter, 2006-2010

Crop year	December 1		March 1		June 1		September 1	
	On farm	Off farm	On farm	Off farm	On farm	Off farm	On farm	Off farm
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
2006	38,000	22,700	26,000	18,500	12,000	12,150	3,100	7,800
2007	26,000	29,000	17,000	23,900	3,500	12,200	2,500	4,580
2008	28,000	24,200	15,500	14,100	5,100	8,400	1,700	2,640
2009	27,000	25,400	13,000	13,600	3,800	7,170	1,500	3,092
2010	22,000	32,051	11,000	23,372	5,200	11,700		

Soybeans: Percentage of acreage planted, 2006-2010

Year	Month and day						
	May			June			July
	10	20	30	10	20	30	10
2006	37	56	73	90	99	100	100
2007	14	36	76	96	100	100	100
2008	29	59	87	96	100	100	100
2009	5	27	59	86	97	99	100
2010	35	44	73	89	96	100	100
5-year-average	24	44	74	91	98	100	100

Soybeans: Percentage of acreage setting pods, 2006-2010

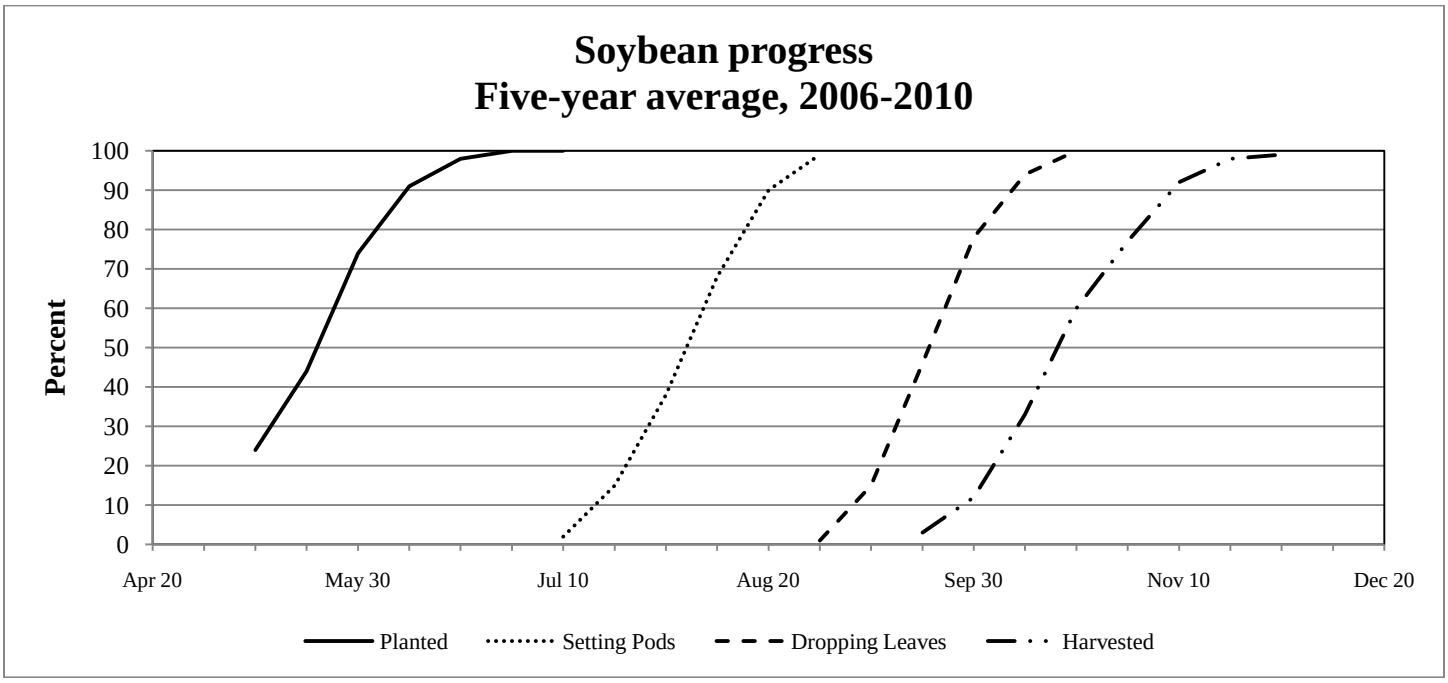
Year	Month and day					
	July			August		
	10	20	30	10	20	30
2006	3	22	42	74	93	99
2007	4	22	48	75	97	100
2008	0	6	42	77	95	100
2009	0	3	13	36	70	95
2010	3	22	46	76	94	100
5-year-average	2	15	38	68	90	99

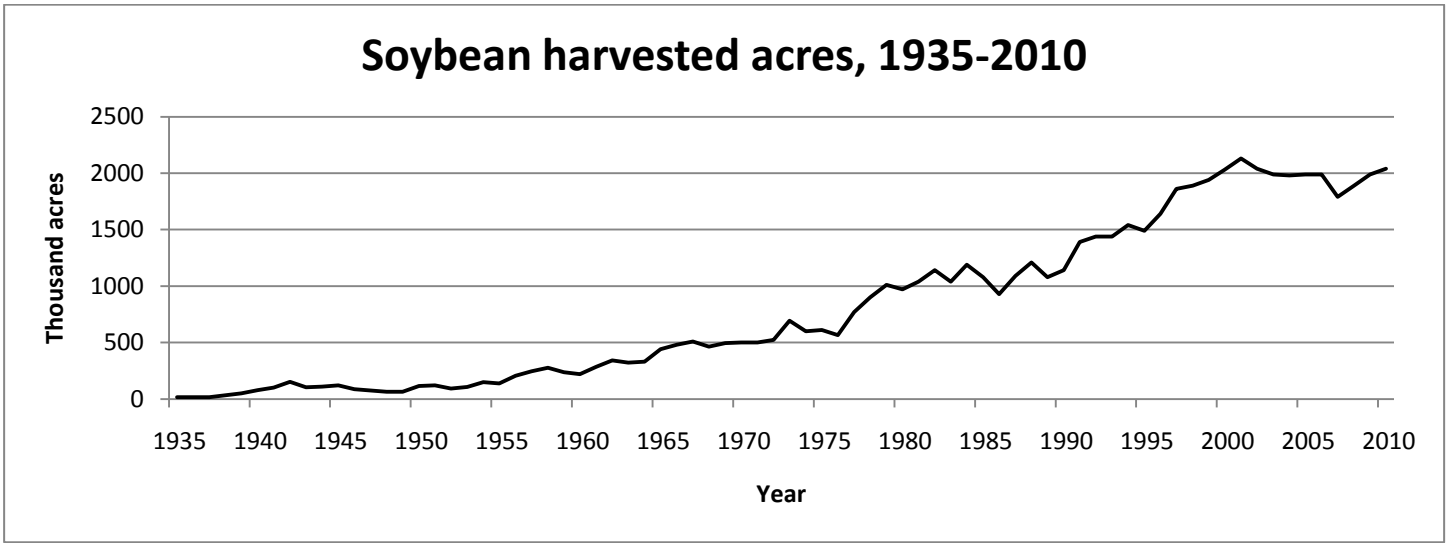
Soybeans: Percentage of acreage shedding leaves, 2006-2010

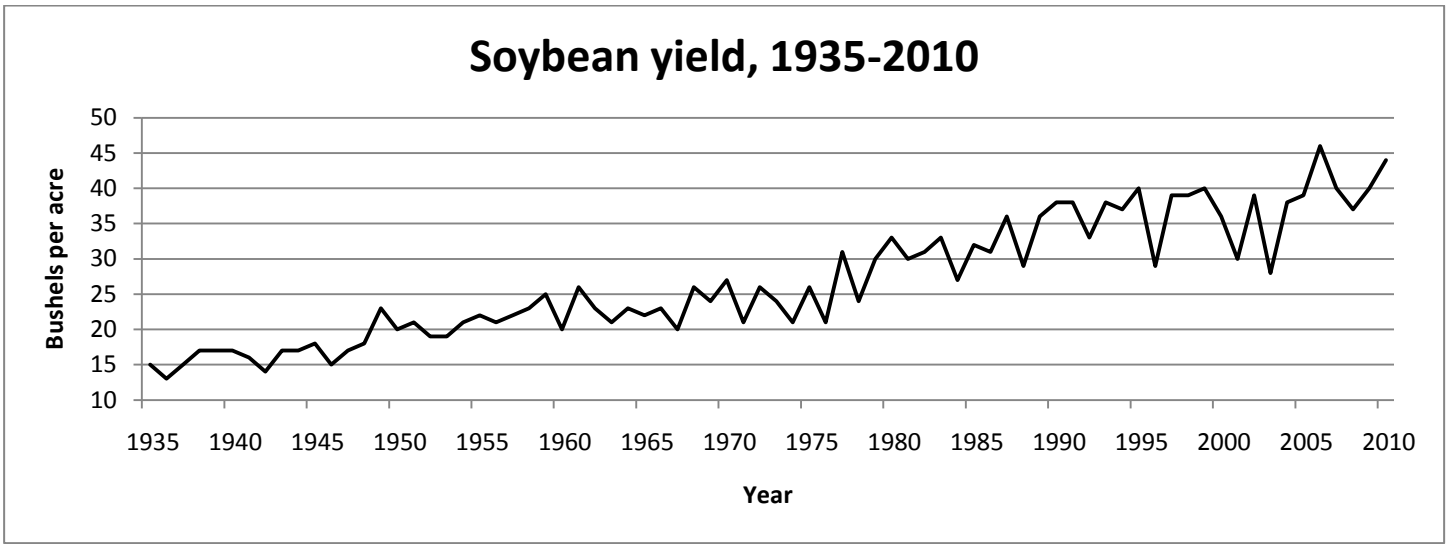
Year	Month and day						
	August		September			October	
	20	30	10	20	30	10	20
2006	0	1	15	44	75	90	99
2007	0	1	10	42	76	98	100
2008	0	2	18	54	84	96	100
2009	0	0	2	23	64	91	99
2010	0	3	31	69	92	97	100
5-year-average	0	1	15	46	78	94	100

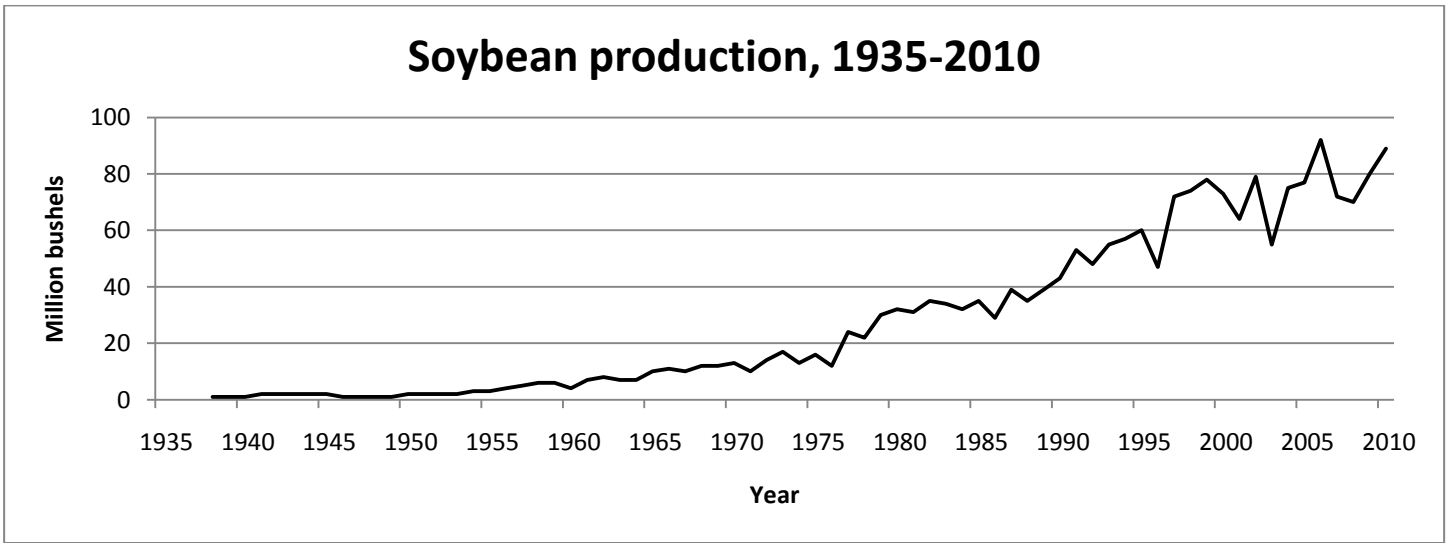
Soybeans: Percentage of acreage harvested, 2006-2010

Year	Month and day								
	September			October			November		
	10	20	30	10	20	30	10	20	30
2006	0	4	7	23	42	60	84	93	98
2007	0	1	10	33	60	81	96	100	100
2008	0	2	12	36	76	91	97	100	100
2009	0	0	2	6	35	57	83	96	100
2010	0	7	27	66	87	96	100	100	100
5-year-average	0	3	12	33	60	77	92	98	99




Soybean harvested acres, 1935-2010
Thousand acres
2500
2000
1500
1000
500
0
1935 1940 1945 1950 1955 1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010
Year


Soybean yield, 1935-2010
Bushels per acre
50
45
40
35
30
25
20
15
10
1935 1940 1945 1950 1955 1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010
Year


Soybean production, 1935-2010
Million bushels
100
80
60
40
20
0
1935 1940 1945 1950 1955 1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010
Year

Sugarbeets

Acres planted to sugarbeets were estimated at 147,000 in 2010, up 9,000 acres from the previous year. Harvested acreage was estimated at 147,000, up 11,000 acres from last year. The yield was 26.0 tons per acre, up 1.6 tons from the previous year. Sugarbeet production in 2010 totaled 3.82 million tons, up 15 percent from 2009. Consistently ideal growing conditions and an early harvest contributed to above average sugarbeet production in 2010. Early harvest began in late August and began full time in late October. An early harvest of other field crops allowed producers more time than usual to harvest sugarbeets.

Sugarbeets: Acres, yield, production, and value, 2006-2010

Year	Planted	Harvested	Yield	Production	Price [1]	Value of production
	1,000 acres	*1,000 acres*	*Tons*	*1,000 tons*	*Dollars*	*1,000 dollars*
2006	155	154	23.2	3,573	38.00	135,774
2007	150	149	23.4	3,487	36.00	125,532
2008	137	136	28.7	3,903	44.00	171,732
2009	138	136	24.4	3,318	55.70	184,813
2010	147	147	26.0	3,822	([2])	([2])

[1] Marketing year average.
[2] Published in February 2012.

Wheat

Michigan's winter wheat crop was 35.7 million bushels in 2010. Planted acres decreased to 530,000 acres from 630,000 the previous year. Harvested acreage was down 11 percent from last year to 510,000 acres. The average yield, 70 bushels per acre, was up 1 bushel from last year. The value of the crop increased 27 percent to $212 million. Huron, Sanilac, Lenawee, Tuscola, and Saginaw were the top five counties in wheat production for the third year in a row.

Winter wheat planting began in mid-September and was completed by mid-November. The fields were adequately covered by snow and overwintered well. Some fields were starting to flower by June 1. The crop progressed quickly and remained ahead of normal progression due to above normal conditions throughout the growing season. There were numerous reports of powdery mildew, *Septoria*, leaf rust and *Fusarium* head blight (scab) and white mold as the crop continued to dry down. Harvest was complete by August 1. Growers were pleased with the crop and were energized for the coming year.

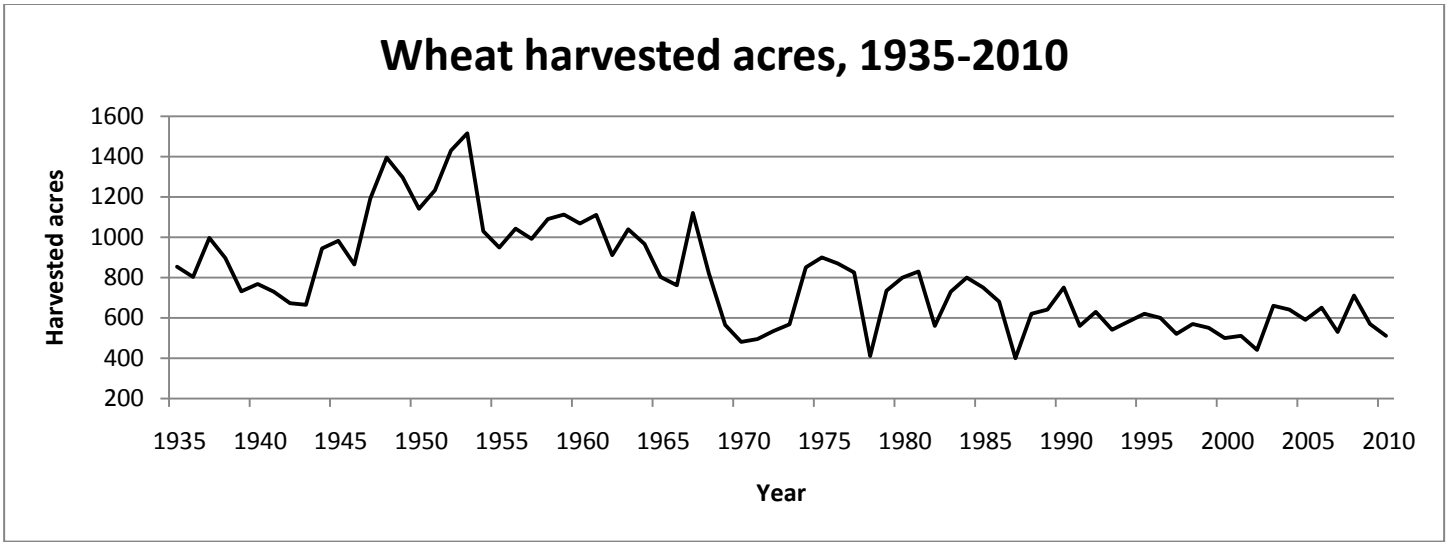
Wheat: Acres, yield, production, and value, 2006-2010

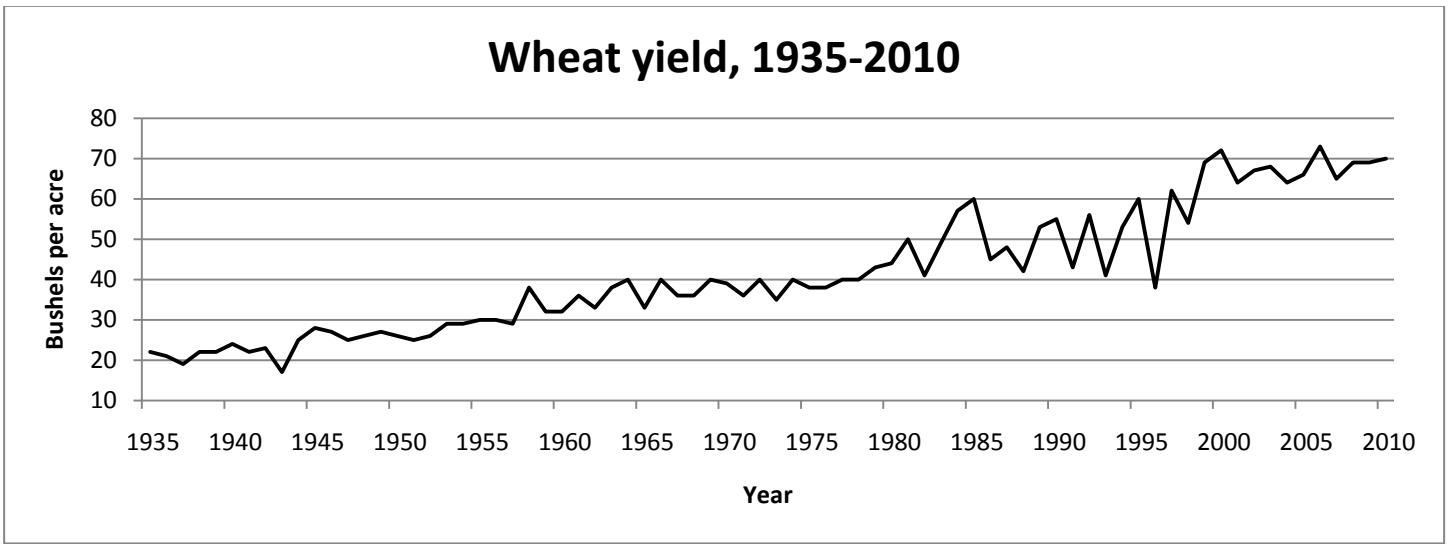
Year	Planted	Harvested	Yield	Production	Price [1]	Value of production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
2006	660	650	73	47,450	3.41	161,805
2007	550	530	65	34,450	5.01	172,595
2008	730	710	69	48,990	5.63	275,814
2009	630	570	69	39,330	4.25	167,153
2010	530	510	70	35,700	5.95	212,415

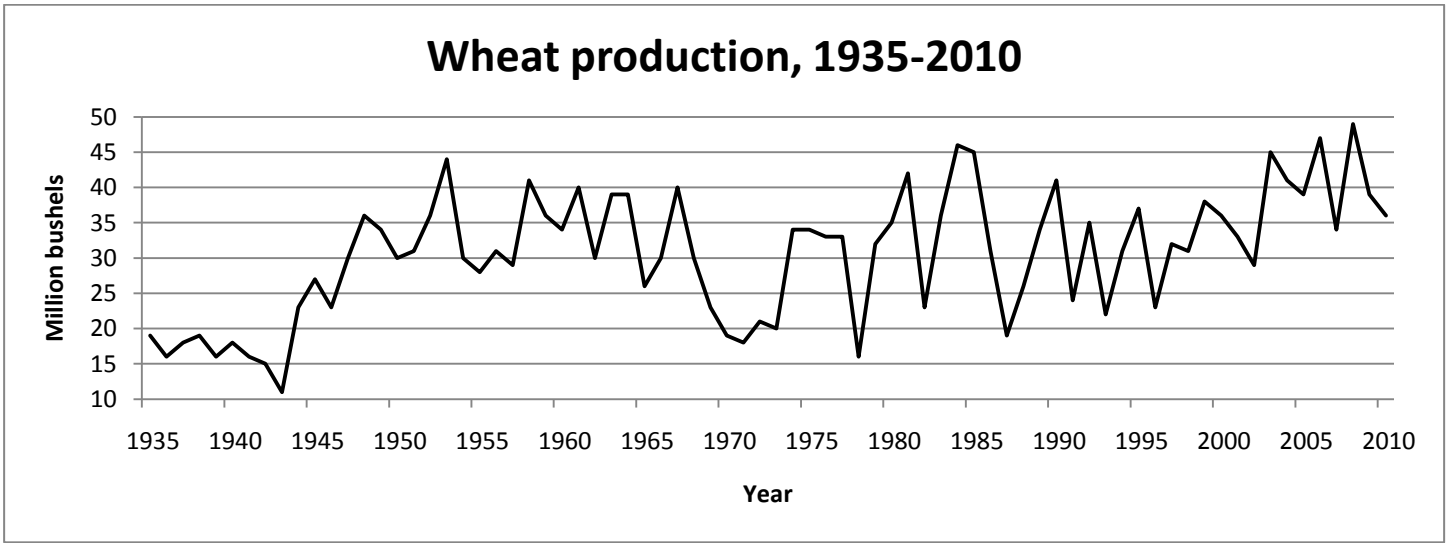
[1] Marketing year average.

Wheat: Stocks by quarter, 2006-2010

Crop year	September 1		December 1		March 1		June 1	
	On farm	Off farm	On farm	Off farm	On farm	Off farm	On farm	Off farm
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
2006	7,500	33,200	3,800	25,975	1,400	18,400	300	12,250
2007	2,600	30,400	2,400	21,600	300	14,230	70	7,670
2008	6,200	30,350	2,600	26,800	1,900	21,600	850	16,700
2009	5,800	34,800	3,200	30,100	1,500	24,440	800	19,420
2010	3,100	39,970	1,300	35,767	800	30,268	700	20,516


Wheat harvested acres, 1935-2010
Harvested acres
1600
1400
1200
1000
800
600
400
200
1935
1940
1945
1950
1955
1960
1965
1970
1975
1980
1985
1990
1995
2000
2005
2010
Year


Wheat yield, 1935-2010
Bushels per acre
80
70
60
50
40
30
20
10
1935
1940
1945
1950
1955
1960
1965
1970
1975
1980
1985
1990
1995
2000
2005
2010
Year


Wheat production, 1935-2010
Million bushels
50
45
40
35
30
25
20
15
10
1935
1940
1945
1950
1955
1960
1965
1970
1975
1980
1985
1990
1995
2000
2005
2010
Year

Fruit

Michigan apple production was 590 million pounds, down 560 million pounds from 2009. The farm level value of the utilized crop was $104.1 million. Michigan ranked third in U.S. apple production behind Washington and New York, which produced 5.55 billion pounds and 1.27 billion pounds, respectively. Tart cherry production was 135 million pounds, down 49 percent from the 266 million pounds produced in 2009. The average yield was 5,150 pounds per acre. The farm level value was $27.3 million. Sweet cherry production was 15,100 tons, down from 28,700 tons produced in 2009. The average yield was 2.25 tons per acre. The farm level value was $9.8 million. Cultivated blueberry production in Michigan was 109 million pounds, approximately 26 percent of the U.S. total. Growers harvested 18,600 acres in 2010. The farm level value was $134.3 million. Strawberry production in Michigan was 2.9 million pounds on 750 harvested acres. The farm level value was $4.1 million. Michigan peach production was 28.0 million pounds, down from 34.4 million pounds in 2009. Total bearing acres were 4,000, and the farm level value was $12.7 million. Pear production in Michigan was 900 tons on 800 acres. The farm level value was $0.3 million. Michigan plum production was 2,000 tons on 550 acres. The farm level value was $1.0 million. Michigan grape production was 36,000 tons. The farm level value was $15.4 million. There were 18,100 tons of Concords and 13,000 tons of Niagara grapes processed. There were 2,060 tons of vinifera, 1,690 tons of hybrids, and 50 tons of other varieties processed for wine. Prices for vinifera varieties averaged $1,525 per ton, hybrids $600 per ton, and other varieties $500 per ton.

Fruit: Record highs and lows

Crop	Unit	Record high		Record low		Year estimates started
		Quantity	Year	Quantity	Year	
Apples	Million pounds	1,220	1995	53	1945	1889
Blueberries	Million pounds	110	2008	12	1977	1992
Cherries, sweet	Tons	37,500	1978	500	1945	1925
Cherries, tart	Million pounds	380	1964	15	2002	1925
Grapes	Tons	102,700	2005	4,200	1889	1889
Peaches	Million pounds	255	1945,1946	7.4	1918	1889
Pears	Tons	48,600	1964	900	2010	1889
Plums	Tons	25,000	1971	250	2002	1919
Strawberries	1,000 cwt	451	1940	29	2010	1928

Fruit: Acres harvested and value of production, 2006-2010

Item	Unit	2006	2007	2008	2009	2010
Acres harvested	1,000 acres	112	109	109	110	111
Value of production	1,000 dollars	351,656	416,265	365,311	331,074	308,891

Fruit: Acres, production, and value, 2006-2010

Fruit and Year	Bearing acres	Yield	Production		Price	Value of production
			Total	Utilized		
	Acres	*Pounds*	*Million pounds*	*Million pounds*	*Dollars per pound*	*1,000 dollars*
Apples						
2006	38,500	22,900	880	855	0.141	120,386
2007	36,000	21,400	770	770	0.169	130,325
2008	37,000	15,900	590	590	0.200	118,063
2009	38,000	30,300	1,150	995	0.131	130,038
2010	39,000	15,100	590	590	0.176	104,100
Blueberries [1]						
2006	18,100	4,970	90	90	1.660	149,655
2007	18,500	5,030	93	93	1.780	165,456
2008	18,600	5,910	110	110	1.130	124,000
2009	18,500	5,350	99	99	1.030	101,850
2010	18,600	5,860	109	109	1.230	134,300
Cherries, tart						
2006	26,400	7,200	190	180	0.192	34,697
2007	26,100	7,510	196	193	0.264	50,905
2008	25,900	6,370	165	165	0.382	63,030
2009	26,000	10,200	266	242	0.157	37,981
2010	26,200	5,150	135	129	0.212	27,260
Peaches						
2006	4,500	8,400	37.8	37.4	0.350	13,066
2007	4,300	9,540	41.0	38.2	0.426	16,298
2008	4,300	6,520	28.0	27.4	0.330	9,052
2009	4,300	8,000	34.4	33.4	0.362	12,075
2010	4,000	7,000	28.0	27.7	0.460	12,731
	Acres	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*1,000 dollars*
Cherries, sweet						
2006	7,700	2.60	20,000	20,000	775	15,492
2007	7,300	3.74	27,300	27,300	649	17,709
2008	7,200	3.68	26,500	26,300	614	16,144
2009	7,000	4.10	28,700	28,600	478	13,666
2010	6,700	2.25	15,100	14,400	678	9,765
Grapes						
2006	14,200	2.29	32,500	27,500	336	9,242
2007	14,100	7.10	100,100	100,100	280	28,044
2008	14,200	5.19	73,700	73,700	303	22,359
2009	14,200	6.80	96,500	78,400	336	26,348
2010	14,200	2.54	36,000	36,000	427	15,373
Pears						
2006	800	4.50	3,600	3,500	320	1,120
2007	800	5.00	4,000	3,600	450	1,621
2008	800	3.56	2,850	2,800	414	1,158
2009	800	5.25	4,200	4,200	343	1,441
2010	800	1.13	900	900	348	313
Plums						
2006	750	4.80	3,600	3,400	504	1,713
2007	750	4.13	3,100	2,000	440	879
2008	650	3.54	2,300	2,300	357	821
2009	600	4.83	2,900	2,000	530	1,060
2010	550	3.64	2,000	1,500	640	960

[1] Harvested acres.

Apples: End-of-month stocks in cold and controlled atmosphere storage, 2006-2010

Month	2006-07	2007-08	2008-09	2009-10	2010-11
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
October	383,675	322,867	312,665	462,955	131,223
November	362,253	273,629	310,356	502,038	223,591
December	323,942	217,797	269,035	443,943	177,319
January	260,604	171,502	206,779	362,643	
February	211,682	122,105	149,069	280,684	
March	143,579	83,984	109,176	194,746	
April	87,067	38,313	61,021	125,836	

Apples: Utilization and price, 2006-2010

Year	Fresh market		Processing		Total	
	Quantity	Price per lb	Quantity	Price per lb	Quantity	Price per lb
	Million pounds	*Dollars*	*Million pounds*	*Dollars*	*Million pounds*	*Dollars*
2006	295	0.245	560	0.086	855	0.141
2007	265	0.290	505	0.106	770	0.169
2008	165	0.355	425	0.140	590	0.200
2009	400	0.215	595	0.074	995	0.131
2010	210	0.310	380	0.102	590	0.176

Apples, processing: Utilization and price, 2006-2010

Year	Canned		Frozen and fresh slices		Juice and cider	
	Quantity	Price per lb	Quantity	Price per lb	Quantity	Price per lb
	Million pounds	*Dollars*	*Million pounds*	*Dollars*	*Million pounds*	*Dollars*
2006	215	0.085	168	0.113	175	0.060
2007	165	0.110	180	0.124	155	0.080
2008	180	0.152	132	0.155	105	0.102
2009	210	0.070	200	0.096	175	0.052
2010	150	0.110	120	0.112	105	0.080

Blueberries: Utilization and price, 2006-2010

Year	Production		Fresh market		Processed	
	Total	Utilized	Quantity	Price per pound	Quantity	Price per pound
	Million lbs	*Million lbs*	*Million lbs*	*Dollars*	*Million lbs*	*Dollars*
2006	90	90	29	2.150	61	1.430
2007	93	93	30	2.050	63	1.650
2008	110	110	40	1.700	70	0.800
2009	99	99	49	1.650	50	0.420
2010	109	109	49	1.700	60	0.850

Cherries, sweet: Production and utilization, 2006-2010

Year	Total production	Utilized production							
		Fresh		Canned		Brined		Other [1]	
		Quantity	Price per ton	Quantity	Price per ton	Quantity	Price per ton	Quantity	Price per ton
	Tons	*Tons*	*Dollars*	*Tons*	*Dollars*	*Tons*	*Dollars*	*Tons*	*Dollars*
2006	20,000	1,000	2,750	670	800	12,200	550	6,130	897
2007	27,300	800	2,060	1,060	730	17,400	440	8,040	949
2008	26,500	1,200	2,620	1,830	460	14,100	450	9,170	634
2009	28,700	800	2,390	1,250	590	17,750	410	8,800	425
2010	15,100	1,100	2,290	450	660	8,500	490	4,350	640

[1] Frozen, juice, etc.

Cherries, tart: Utilization, 2006-2010

Year	Production		Fresh market	Processed					
	Total	Utilized		Canned		Frozen		Other [1]	
				Quantity	Price per pound	Quantity	Price per pound	Quantity	Price per pound
	Million lbs	*Million lbs*	*Million lbs*	*Million lbs*	*Dollars*	*Million lbs*	*Dollars*	*Million lbs*	*Dollars*
2006	190	180	0.5	39.0	0.160	114	0.210	26.8	0.153
2007	196	193	0.5	39.0	0.270	143	0.265	10.5	0.191
2008	165	165	0.5	39.0	0.435	117	0.370	8.5	0.262
2009	266	242	0.5	43.0	0.120	175	0.170	23.5	0.110
2010	135	129	0.2	29.0	0.210	87	0.215	12.5	0.180

[1] Juice, wine, and dried.

Cherries, tart: Production by region, 2006-2010

Region	2006	2007	2008	2009	2010
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
Northwest	115.0	134.0	96.5	186.5	66.0
West Central	49.0	53.0	50.0	63.0	57.0
Southwest and other	26.0	9.0	18.5	16.5	12.0
Michigan	190.0	196.0	165.0	266.0	135.0

Cherries, tart, frozen: Stocks in cold storage, 2007-2010

Month	East North Central region [1]				48 States total [2]			
	2007-08	2008-09	2009-10	2010-11	2007-08	2008-09	2009-10	2010-11
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
July	135,923	99,621	105,143	134,888	168,436	118,790	128,571	161,826
August	125,752	114,186	156,271	122,269	158,643	137,994	193,312	150,298
September	121,898	100,749	148,937	108,622	153,812	120,386	185,263	136,233
October	112,606	93,116	143,809	99,997	142,039	113,867	179,608	128,236
November	104,719	88,936	133,775	92,176	132,845	108,046	167,716	118,223
December	99,014	83,340	125,480	85,817	126,646	101,892	156,136	110,166
January	91,603	77,605	116,688	77,950	117,609	96,533	145,923	97,223
February	86,533	71,789	109,432	70,482	109,423	90,052	136,313	87,153
March	82,236	64,644	102,596	59,155	100,479	79,608	124,138	71,167
April	72,708	57,349	96,331	51,223	87,495	69,139	113,941	62,380
May	63,661	50,490	88,016	43,507	75,690	59,714	103,008	50,771
June	53,119	46,155	85,253		63,055	53,206	96,540	

[1] Illinois, Indiana, Michigan, Ohio, and Wisconsin.
[2] Excluding Alaska and Hawaii.

Grapes: Processed utilization and value, 2006-2010

Year	Concord	Niagara	Other	Total		
				Utilized production	Price per ton	Value
	Tons	*Tons*	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
2006	15,350	8,100	3,950	27,400	331	9,082
2007	61,000	33,500	4,500	99,000	255	25,294
2008	45,800	22,000	4,700	72,500	264	19,119
2009	45,400	27,500	4,200	77,100	301	23,228
2010	18,100	13,000	3,800	34,900	365	12,733

Grapes: Processed for wine by category, 2006-2010

Year	Hybrids		Vinifera		Other		Total		
	Quantity	Price per ton	Quantity	Price per ton	Quantity	Price per ton	Quantity	Price per ton	Value of production
	Tons	*Dollars*	*Tons*	*Dollars*	*Tons*	*Dollars*	*Tons*	*Dollars*	*1,000 dollars*
2006	1,490	620	2,460	1,340	350	225	4,300	1,000	4,300
2007	1,800	560	2,700	1,435	900	220	5,400	940	5,076
2008	2,100	610	2,700	1,380	500	240	5,300	970	5,141
2009	1,930	575	2,330	1,365	40	350	4,300	1,000	4,300
2010	1,690	600	2,060	1,525	50	500	3,800	1,100	4,180

Plums: Utilization and value, 2006-2010

Year	Fresh Market			Processing		
	Production	Price per ton	Value of production	Production	Price per ton	Value of production
	Tons	*Dollars*	*1,000 dollars*	*Tons*	*Dollars*	*1,000 dollars*
2006	1,800	730	1,314	1,600	249	399
2007	900	765	689	1,100	173	190
2008	700	775	543	1,600	174	278
2009	1,000	880	880	1,000	180	180
2010	1,000	870	870	500	180	90

Strawberries: Acres, production and value, 2006-2010

Year	Total	Harvested	Yield	Production	Price per cwt	Value of production
	Acres	*Acres*	*Cwt*	*1,000 cwt*	*Dollars*	*1,000 dollars*
2006	1,000	850	65	55	114.00	6,285
2007	1,000	850	51	43	117.00	5,028
2008	950	800	61	49	119.00	5,846
2009	950	800	58	46	144.00	6,615
2010	950	750	39	29	141.00	4,089

Strawberries: Utilization and value, 2006-2010

Year	Fresh Market			Processing		
	Production	Price per cwt	Value of production	Production	Price per cwt	Value of production
	1,000 cwt	*Dollars*	*1,000 dollars*	*1,000 cwt*	*Dollars*	*1,000 dollars*
2006	52	118	6,136	3	49.50	149
2007	41	120	4,920	2	54.00	108
2008	47	122	5,734	2	56.00	112
2009	43	150	6,450	3	55.00	165
2010	27	147	3,969	2	60.00	120

Refrigerated warehouses: Number and capacity, October 1, 2009 [1]

Type	Number	Usable freezer space	Usable cooler space	Controlled atmosphere
		1,000 cu ft	*1,000 cu ft*	*1,000 bushels*
Apple	146		27,646	6,360
General-public	23	57,383	6,687	
General-private and semi-private	26	15,264	5,028	

[1] Conducted biennially.

Vegetables

Michigan growers produced 792,310 tons of fresh and processed vegetables in 2010. Harvested acreage was 105,500. Value of production totaled $250 million. Nationally, Michigan ranked eighth and fifth, respectively for fresh market and processing vegetable value of production.

Michigan farmers produced 8.39 million hundredweight (cwt) of fresh market vegetables, a decrease of 8 percent from 2009. Processing vegetable production totaled 372,810 tons. Unseasonably warm temperatures early in the growing season provided vegetable growers with the occasion to prepare fields by laying plastic and planting some early season crops. Rain also aided growers with shaping beds and laying plastic. However, rain, cooler temperatures, and frost impeded crop development and field work in May. The weather began to change to seasonable temperatures in late May and continued through late August which aided vegetable growth. Warm and humid temperatures this summer contributed to insect and disease development. According to industry contacts, diseases were present in several vegetable crops. Growers began harvesting early planted fields of summer vegetables in mid-June. Harvest activities continued until mid to late October for several crops including celery, tomatoes, and peppers. Industry contacts reported that vegetable growers were pleased with quality. Yields were not the best due to warmer, drier conditions. Yields could have been improved depending on irrigation. Harvest was earlier than normal due to a warm summer.

Michigan ranked third, behind California and Washington, for dual purpose asparagus production with 168,000 cwt produced, down 29 percent from last year's 235,000 cwt. Asparagus harvest was completed in Michigan by late June due to the slow growth of the crop and frost damage early during the growing season. Despite the lower yields, growers reported the crop quality was good. Several hard frosts occurred early in the spring, and frost damage was above normal statewide. Cooler than normal temperatures in mid-May impacted emergence but recovered the following week leaving growers struggling to keep up with the harvest. Common asparagus beetle was present but not a severe problem during the growing season. Growers began applying postharvest herbicides and fertilizers in mid-June in Oceana County.

Vegetables: Record highs and lows

Crop	Unit	Record high		Record low		Year estimates started
		Quantity	Year	Quantity	Year	
Asparagus						
Harvested	1,000 acres	23.0	1989	1.0	1928	1928
Yield	Cwt	31	1947	9	1981	
Production	1,000 cwt	317	2003	17	1928	
Beans, snap (processing)						
Harvested	1,000 acres	27.0	1999	0.8	1921	1918
Yield	Tons	3.98	2010	0.60	1947	
Production	Tons	100,970	1999	600	1921	
Carrots (fresh market)						
Harvested	1,000 acres	7.7	1994	0.5	1929	1929
Yield	Cwt	398	1995	155	1957	
Production	1,000 cwt	2,610	1995	132	1936	
Celery						
Harvested	1,000 acres	7.2	1941	1.6	2005	1928
Yield	Cwt	575	2005	174	1935	
Production	1,000 cwt	1,915	1941	576	1966	
Corn, sweet (fresh market)						
Harvested	1,000 acres	15.2	1961	8.0	2005	1949
Yield	Cwt	110	2006,2009	42	1949	
Production	1,000 cwt	1,020	1994	525	1949	
Cucumbers (processing)						
Harvested	1,000 acres	46.3	1949	9.3	1932	1918
Yield	Tons	6.7	1987	0.6	1924	
Production	Tons	198,400	2010	8,900	1932	
Onions						
Harvested	1,000 acres	12.7	1935	2.9	2005	1928
Yield	Cwt	350	1960,2009	120	1935	
Production	1,000 cwt	2,833	1948	754	2005	
Tomatoes (fresh market)						
Harvested	1,000 acres	9.4	1943	1.8	2001	1928
Yield	Cwt	300	2009	60	1959	
Production	1,000 cwt	797	1943	204	1988	
Tomatoes (processing)						
Harvested	1,000 acres	9.7	1982	1.0	1921	1918
Yield	Tons	39.0	2009	2.7	1943	
Production	Tons	205,000	1982	5,000	1921	

Vegetables: Acres harvested and value of production, 2006-2010

Item	Unit	2006	2007 [1]	2008	2009	2010
Acres harvested	1,000 acres	113	115	105	107	106
Value of production	1,000 dollars	221,308	224,677	239,230	249,476	249,988

[1] Processing tomatoes excluded to avoid disclosure of individual operations.

Principal vegetables, fresh market: Acres, production, and value, 2006-2010

Year	Planted	Harvested	Production	Value
	Acres	*Acres*	*1,000 cwt*	*1,000 dollars*
2006	59,000	55,400	8,793	163,539
2007	59,300	56,000	8,347	156,949
2008	56,700	53,800	8,396	169,990
2009	57,500	54,500	9,100	171,540
2010	57,500	55,200	8,390	174,700

Principal vegetables, processing: Acres, production, and value, 2006-2010

Year	Planted	Harvested	Production	Value
	Acres	*Acres*	*Tons*	*1,000 dollars*
2006	59,000	57,200	413,970	57,769
2007	60,500	59,100	419,100	67,728
2008	52,700	51,600	413,350	69,240
2009 /1	53,500	52,400	386,280	77,936
2010 /1	50,300	49,300	372,810	75,288

[1] Processing carrots excluded to avoid disclosure of individual operations.

Vegetables, processing: Acres, production, and value, 2006-2010

Item and Year	Planted	Harvested	Yield	Production	Price per ton	Value
	Acres	*Acres*	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
Carrots						
2006	2,700	2,600	23.00	59,800	74.00	4,425
2007	3,100	3,000	20.00	60,000	76.00	4,560
2008	2,800	2,700	25.00	67,500	88.00	5,940
2009 [1]						
2010 [1]						
Cucumbers						
2006	34,000	33,200	5.20	172,640	194.00	33,492
2007	35,500	35,000	5.30	185,500	230.00	42,665
2008	31,000	30,500	6.20	189,100	220.00	41,602
2009	33,000	32,500	5.80	188,500	260.00	49,010
2010	32,000	31,000	6.40	198,400	250.00	49,600
Snap beans						
2006	19,000	18,100	3.65	66,030	148.00	9,803
2007	18,500	17,800	3.45	61,400	169.00	10,405
2008	15,500	15,000	3.65	54,750	210.00	11,498
2009	17,000	16,500	3.95	65,180	220.00	14,340
2010	14,800	14,800	3.98	58,910	240.00	14,138
Tomatoes						
2006	3,300	3,300	35.00	115,500	87.00	10,049
2007	3,400	3,300	34.00	112,200	90.00	10,098
2008	3,400	3,400	30.00	102,000	100.00	10,200
2009	3,500	3,400	39.00	132,600	110.00	14,586
2010	3,500	3,500	33.00	115,500	100.00	11,550

[1] Estimates not published to avoid disclosure of individual operations.

Vegetables, fresh market: Acres, production, and value, 2006-2010

Item and year	Planted	Harvested	Yield	Production	Price per cwt	Value [1]
	Acres	*Acres*	*Cwt*	*1,000 cwt*	*Dollars*	*1,000 dollars*
Beans, snap						
2006	3,900	3,500	55	193	40.00	7,720
2007	3,400	3,100	40	124	65.00	8,060
2008	3,200	2,800	40	112	40.00	4,480
2009	3,200	3,100	50	155	40.00	6,200
2010	3,300	3,200	45	144	50.00	7,200
Cabbage						
2006	1,900	1,800	340	612	12.10	7,405
2007	2,500	2,400	320	768	15.00	11,520
2008	2,500	2,400	280	672	18.00	12,096
2009	2,700	2,600	260	676	15.00	10,140
2010	3,100	3,000	280	840	13.00	10,920
Carrots						
2006	2,800	2,400	320	768	18.00	13,824
2007	2,300	2,200	300	660	15.80	10,428
2008	2,400	2,300	290	667	19.20	12,806
2009	2,400	2,200	270	594	21.30	12,652
2010	2,100	1,900	250	475	23.00	10,925
Corn, sweet						
2006	9,200	8,500	110	935	18.00	16,830
2007	9,700	8,700	85	740	19.80	14,652
2008	9,000	8,500	85	723	23.50	16,991
2009	9,700	9,100	110	1,001	23.60	23,624
2010	10,000	9,400	100	940	24.70	23,218
Cucumbers						
2006	5,600	5,200	170	884	18.50	16,354
2007	5,000	4,900	175	858	17.90	15,358
2008	4,200	4,100	185	759	18.60	14,117
2009	4,400	4,300	225	968	19.20	18,586
2010	4,300	4,300	210	903	22.70	20,498
Onions						
2006	3,500	3,400	250	850	14.60	9,928
2007	3,900	3,800	260	988	11.10	8,747
2008	4,000	3,600	280	1,008	15.20	12,282
2009	4,000	3,800	350	1,330	13.50	14,310
2010	4,200	4,000	220	880	14.80	10,419
Tomatoes						
2006	2,000	2,000	230	460	50.00	23,000
2007	2,200	2,200	230	506	49.00	24,794
2008	2,200	2,100	260	546	45.00	24,570
2009	2,100	2,000	300	600	35.00	21,000
2010	2,000	2,000	200	400	54.00	21,600

[1] Value of sales for onions.

Vegetables, dual purpose: Acres, production, and value, 2006-2010

Item and year	Planted	Harvested	Yield	Production	Price per cwt	Value
	Acres	*Acres*	*Cwt*	*1,000 cwt*	*Dollars*	*1,000 dollars*
Asparagus						
2006	12,200	11,700	22	257	57.80	14,866
2007	12,100	11,600	21	244	66.00	16,092
2008	11,700	11,200	23	258	71.80	18,516
2009	11,200	10,700	22	235	70.40	16,553
2010	10,700	10,500	16	168	83.00	13,948
Celery						
2006	1,800	1,700	530	900	22.10	19,920
2007	2,000	1,900	490	931	13.20	12,334
2008	1,900	1,800	525	945	15.60	14,705
2009	2,000	1,900	555	1,055	14.10	14,898
2010	2,000	1,900	525	1,000	17.90	17,880
Peppers, bell						
2006	1,500	1,400	270	378	26.00	9,828
2007	1,500	1,500	260	390	33.00	12,870
2008	1,600	1,600	250	400	30.00	12,000
2009	1,700	1,600	240	384	30.00	11,520
2010	1,700	1,600	230	368	33.00	12,144
Pumpkins						
2006	6,200	5,700	150	855	11.00	9,405
2007	7,000	6,200	115	713	12.00	8,556
2008	7,100	6,800	145	986	15.50	15,283
2009	7,400	6,700	110	737	14.00	10,318
2010	7,400	6,800	140	952	14.50	13,804
Squash						
2006	8,400	8,100	210	1,701	8.50	14,459
2007	7,700	7,500	190	1,425	9.50	13,538
2008	6,900	6,600	200	1,320	9.20	12,144
2009	6,700	6,500	210	1,365	8.60	11,739
2010	6,700	6,600	200	1,320	9.20	12,144

U.S. Pickle stocks in tanks, barrels, and fresh pack, December 1, 2006-2010

Year	From current year crop			From previous year crop	Total stocks
	Salt stock including dill	Fresh pack	Refrigerated	Salt stock including dill	
	Tons	*Tons*	*Tons*	*Tons*	*Tons*
2006	389,502	36,470	2,800	15,534	444,306
2007	332,011	32,795	2,850	9,076	376,732
2008	377,549	30,713	1,530	38,177	447,969
2009	133,895	25,490	2,230	27,910	189,525
2010	137,410	38,115	2,200	9,170	186,895

Horticulture

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 Lillies** 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.

Total covered area for all operations in the state was 48.1 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.

Floriculture crops: Number of growers by gross value of sales, 2006-2010

Year	$10,000-$19,999	$20,000-$39,000	$40,000-$49,000	$50,000-$99,999	$100,000-$499,999	$500,000 or more	Total growers
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
2006	60	83	42	154	193	139	671
2007	39	77	43	155	176	138	628
2008	84	111	46	160	181	138	720
2009	103	96	42	116	199	128	684
2010	59	85	38	127	179	137	625

Floriculture crops: Growing area by type of cover, 2006-2010

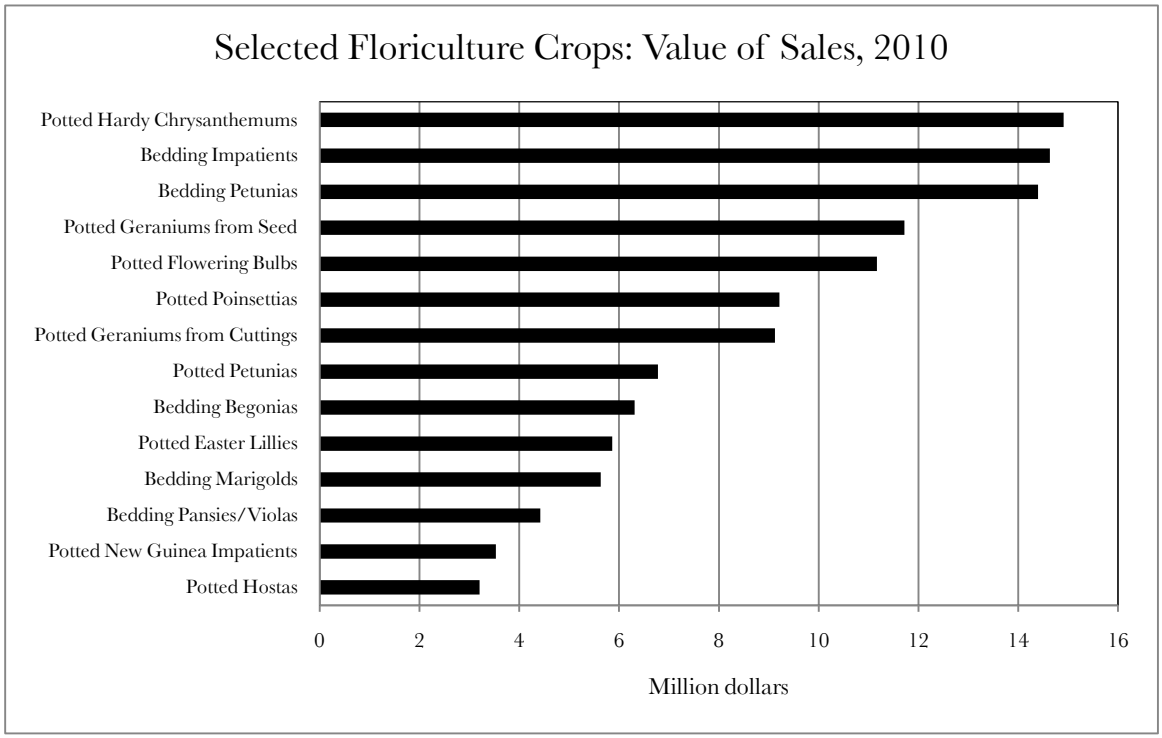
Year	Glass greenhouses	Fiberglass and other rigid greenhouses	Plastic film greenhouses	Total greenhouse cover	Shade and temporary cover	Total covered area	Open ground
	1,000 square feet	*1,000 square feet*	*1,000 square feet*	*1,000 square feet*	*1,000 square feet*	*1,000 square feet*	*Acres*
2006	4,149	5,684	37,364	47,197	1,170	48,367	3,484
2007	3,751	4,495	38,746	46,992	1,091	48,038	4,058
2008	3,922	4,953	38,064	46,939	1,054	47,993	4,004
2009	3,738	5,246	40,082	49,066	1,155	50,221	5,233
2010	3,252	5,014	38,041	46,307	1,833	48,140	3,204

Floriculture crops: Wholesale value of sales by category, 2006-2010

Year	Total cut flowers	Total potted flowering plants	Total foliage for indoor or patio use	Total bedding/ garden plants	Total wholesale value of reported crops	Expanded wholesale value of reported crops [1]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
2006	6,608	33,329	4,504	239,301	364,132	380,500
2007	7,487	35,043	3,605	257,325	387,040	405,760
2008	([2])	32,872	3,085	256,165	375,744	393,500
2009	9,021	30,920	8,702	248,217	380,171	394,145
2010	9,540	31,759	7,833	261,301	389,006	402,689

[1] Wholesale value of sales as reported by growers with $100,000 or more in sales of floriculture crops plus a calculated wholesale value of sales for growers with sales below $100,000. The value of sales for growers below the $100,000 level was estimated by multiplying the number of growers in each size group by the midpoint of each dollar range.

[2] Not published to avoid disclosure of individual operations.



Bedding plants: Producers, quantity sold, price, and value, 2006-2010

Item	Producers	Quantity sold	Percent of sales at wholesale	Wholesale price	Value of sales at wholesale
	Number	*1,000 flats*	*Percent*	*Dollars*	*1,000 dollars*
Begonias					
2006	218	922	86	7.51	6,924
2007	206	821	86	7.43	6,100
2008	205	827	86	7.44	6,153
2009	219	891	84	7.53	6,709
2010	196	856	87	7.37	6,309
Geraniums from cuttings					
2006	13	185	72	7.91	1,463
2007	11	67	18	10.29	689
2008	12	60	11	12.96	778
2009	17	60	43	16.93	1,016
2010	14	43	78	15.48	666
Geraniums from seed					
2006	33	55	87	11.80	649
2007	25	48	82	12.87	618
2008	22	48	78	11.90	571
2009	32	52	65	11.38	592
2010	25	174	89	10.02	1,743
Impatiens					
2006	224	2,128	86	7.17	15,258
2007	220	2,088	88	7.29	15,222
2008	220	1,932	87	7.22	13,949
2009	221	1,936	86	7.40	14,326
2010	205	2,115	87	6.92	14,636
Marigolds					
2006	227	753	85	7.31	5,504
2007	216	723	86	7.54	5,451
2008	213	705	86	7.35	5,182
2009	220	810	88	7.59	6,148
2010	204	766	89	7.35	5,630
New Guinea Impatiens					
2006	22	71	85	10.23	726
2007	15	43	48	8.34	359
2008	18	34	68	8.36	284
2009	31	53	83	7.50	398
2010	22	42	79	7.12	299
Pansies/Violas					
2006	203	813	87	6.85	5,569
2007	194	711	90	7.15	5,084
2008	194	629	90	7.53	4,736
2009	201	587	90	7.16	4,203
2010	185	645	92	6.86	4,425
Petunias					
2006	239	1,592	86	7.48	11,908
2007	228	1,457	87	7.49	10,913
2008	228	1,476	87	7.46	11,011
2009	233	1,537	86	7.82	12,019
2010	221	1,795	90	8.02	14,396
Other flowering and foliar					
2006	232	3,956	88	7.64	30,224
2007	225	3,389	89	7.65	25,926
2008	209	2,927	86	7.28	21,309
2009	210	2,482	86	7.68	19,062
2010	203	2,970	86	7.33	21,770
Vegetables [2]					
2006	188	644	73	7.98	5,139
2007	173	726	84	7.80	5,663
2008	168	696	82	8.14	5,665
2009	143	844	86	7.78	6,556
2010	165	997	85	7.52	7,497

[1] Not published to avoid disclosure of individual operations.
[2] Does not include vegetable transplants grown for commercial use.

Hanging baskets: Producers, quantity sold, price, and value, 2006-2010

Item	Producers	Quantity sold	Percent of sales at wholesale	Wholesale price	Value of sales at wholesale
	Number	*1,000 baskets*	*Percent*	*Dollars*	*1,000 dollars*
Begonias					
2006	166	473	89	5.62	2,658
2007	170	447	88	5.31	2,374
2008	161	365	88	6.00	2,190
2009	166	357	87	5.93	2,117
2010	157	386	89	6.31	2,436
Geraniums from cuttings					
2006	210	734	81	6.73	4,940
2007	208	776	78	6.57	5,098
2008	205	613	79	7.04	4,316
2009	202	598	80	7.45	4,455
2010	193	768	85	7.20	5,530
Geraniums from seed					
2006	23	71	98	5.98	425
2007	23	61	97	5.54	338
2008	24	40	89	5.97	239
2009	34	79	93	7.13	563
2010	22	71	97	7.23	513
Impatiens					
2006	186	655	89	5.28	3,458
2007	188	721	91	4.81	3,468
2008	187	568	90	5.28	2,999
2009	176	514	86	5.44	2,796
2010	173	540	91	5.50	2,970
Marigolds					
2006	6	12	100	3.31	40
2007	([1])	([1])	([1])	([1])	([1])
2008	11	24	100	3.69	89
2009	9	24	98	3.90	94
2010	14	17	97	4.22	72
New Guinea Impatiens					
2006	215	713	90	6.52	4,649
2007	209	674	91	6.28	4,233
2008	205	469	87	7.00	3,283
2009	200	455	88	7.04	3,203
2010	178	475	88	6.60	3,135
Pansies/Violas					
2006	38	108	91	4.57	494
2007	43	145	96	5.14	745
2008	45	84	94	5.92	497
2009	43	371	98	4.86	1,803
2010	39	83	94	5.51	457
Petunias					
2006	190	784	90	5.90	4,626
2007	200	808	89	5.40	4,363
2008	206	850	88	5.83	4,956
2009	197	826	86	5.73	4,733
2010	194	1,303	92	5.06	6,593
Other flowering					
2006	197	2,201	88	6.31	13,888
2007	202	2,370	87	6.93	16,424
2008	192	2,068	87	6.99	14,455
2009	187	1,700	87	7.52	12,784
2010	194	2,353	85	7.15	16,824
Foliage					
2006	68	333	89	4.51	1,502
2007	63	214	86	5.52	1,181
2008	59	179	85	5.73	1,026
2009	47	768	97	5.66	4,347
2010	56	766	93	5.68	4,351

[1] Not published to avoid disclosure of individual operations.

Potted flowering and annual bedding plants: Producers, quantity sold, price, and value, 2006-2010

Item	Producers	Quantity sold			Percent of sales at wholesale	Wholesale price		Value of sales at wholesale
		Less than 5 inch pots	5 inch pots or larger	Total		Less than 5 inch pots	5 inch pots or larger	
	Number	*1,000 pots*	*1,000 pots*	*1,000 pots*	*Percent*	*Dollars*	*Dollars*	*1,000 dollars*
Azaleas								
2006	22	([1])	77	77	89	([1])	7.27	560
2007	17	([1])	58	58	84	([1])	7.24	420
2008	17	([1])	47	47	80	([1])	7.40	348
2009	11		35	35	94		6.74	236
2010	8	([1])	13	13	84	([1])	10.49	136
Begonias								
2006	94	526	72	598	85	1.10	3.34	819
2007	87	1,047	209	1,256	92	0.71	2.63	1,293
2008	99	619	153	772	91	1.28	3.02	1,254
2009	107	561	156	717	88	1.57	3.10	1,364
2010	97	763	235	998	91	1.42	2.71	1,720
Chrysanthemums, florist								
2006	27	38	173	211	85	1.54	3.55	673
2007	22	([1])	173	173	82	([1])	3.11	538
2008	20	20	91	111	86	1.72	4.19	416
2009	14	13	38	51	81	1.58	4.83	204
2010	10	7	19	26	96	1.81	5.86	124
Chrysanthemums, hardy garden								
2006	134	620	4,869	5,489	94	1.02	2.23	11,490
2007	131	772	4,154	4,926	94	1.19	2.99	13,339
2008	131	1,020	4,612	5,632	94	1.33	2.58	13,256
2009	135	343	4,582	4,925	93	1.11	2.61	12,340
2010	135	1,329	4,762	6,091	95	1.22	2.79	14,907
Easter Lilies								
2006	43	([1])	1,168	1,168	97	([1])	3.88	4,530
2007	33	([1])	1,131	1,131	98	([1])	3.88	4,393
2008	33	([1])	1,116	1,116	98	([1])	3.86	4,308
2009	33	([1])	1,541	1,541	98	([1])	3.77	5,816
2010	25	([1])	1,573	1,573	99	([1])	3.73	5,863
Geraniums from cuttings								
2006	219	3,191	1,218	4,409	65	1.84	4.33	11,145
2007	215	2,861	1,352	4,213	69	1.91	4.13	11,048
2008	205	2,654	1,348	4,002	66	1.87	4.09	10,476
2009	211	2,340	1,069	3,409	64	1.97	3.73	8,597
2010	212	2,232	1,526	3,758	72	1.92	3.17	9,123
Geraniums from seed								
2006	97	19,514	9	19,523	99	0.78	9.63	15,308
2007	94	18,328	11	18,339	99	0.79	4.46	14,528
2008	93	18,150	20	18,170	99	0.80	5.97	14,639
2009	93	16,630	65	16,695	98	0.81	4.06	13,734
2010	92	11,556	257	11,813	97	0.91	4.69	11,721
Impatiens								
2006	54	584	89	673	95	0.75	4.31	822
2007	60	698	237	935	91	0.72	1.81	932
2008	61	523	173	696	92	1.34	2.76	1,178
2009	72	570	220	790	92	1.18	1.94	1,099
2010	70	609	206	815	93	1.32	3.05	1,432
Marigolds								
2006	17	([1])	223	223	98	([1])	1.77	394
2007	22	207	230	437	97	0.43	2.40	641
2008	20	141	73	214	99	0.88	2.52	308
2009	28	204	98	302	98	0.74	1.72	320
2010	25	128	68	196	99	0.83	1.96	240
New Guinea Impatiens								
2006	178	4,104	267	4,371	94	1.23	4.55	6,263
2007	172	3,954	402	4,356	95	1.33	3.35	6,606
2008	170	3,870	422	4,292	94	1.39	3.34	6,789
2009	181	2,837	517	3,354	93	1.26	2.71	4,976
2010	172	1,936	563	2,499	92	1.23	2.15	3,529

See footnote(s) at end of table.

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Potted flowering and annual bedding plants: Producers, quantity sold, price, and value, 2006-2010 (continued)

Item	Producers	Quantity sold			Percent of sales at wholesale	Wholesale price		Value of sales at wholesale
		Less than 5 inch pots	5 inch pots or larger	Total		Less than 5 inch pots	5 inch pots or larger	
	Number	*1,000 pots*	*1,000 pots*	*1,000 pots*	*Percent*	*Dollars*	*Dollars*	*1,000 dollars*
Pansies/Violas								
2006	49	1,712	([1])	1,712	98	1.14	([1])	1,952
2007	50	1,239	744	1,983	99	0.46	2.20	2,207
2008	48	1,099	389	1,488	99	0.82	2.74	1,967
2009	56	1,035	534	1,569	94	0.61	2.14	1,774
2010	54	1,326	482	1,808	98	0.85	2.29	2,231
Petunias								
2006	90	1,208	991	2,199	90	1.30	2.89	4,434
2007	96	1,441	1,075	2,516	92	0.95	2.87	4,454
2008	104	1,629	860	2,489	94	1.41	3.40	5,221
2009	115	2,327	803	3,130	90	1.31	2.84	5,329
2010	113	2,572	1,480	4,052	95	1.41	2.13	6,779
Poinsettias								
2006	79	530	2,284	2,814	91	1.99	4.54	11,424
2007	72	461	2,221	2,682	92	2.07	5.04	12,148
2008	67	396	1,983	2,379	93	2.13	4.58	9,926
2009	64	593	2,108	2,701	91	1.88	4.55	10,706
2010	54	596	1,786	2,382	95	1.94	4.51	9,211
Roses, florist								
2006	18	76	([1])	76	93	3.85	([1])	293
2007	14	([1])	35	35	86	([1])	6.05	212
2008	8	([1])	30	30	96	([1])	6.56	197
2009	7	([1])	10	10	69	([1])	3.53	35
2010	9	([1])	18	18	83	([1])	6.67	120
Flowering bulbs								
2006	42	7,472	([1])	7,472	100	1.29	([1])	9,669
2007	33	5,909	([1])	5,909	100	2.08	([1])	12,308
2008	33	7,733	([1])	7,733	100	1.56	([1])	12,063
2009	28	367	1,343	1,710	99	1.77	3.85	5,820
2010	30	6,325	([1])	6,325	100	1.77	([1])	11,170
Other flowering plants								
2006	50	1,098	498	1,596	71	1.22	4.86	3,760
2007	39	364	294	658	86	2.08	5.70	2,433
2008	43	536	613	1,149	89	1.47	3.72	3,068
2009	70	872	1,143	2,015	92	1.87	4.24	6,477
2010	38	776	477	1,253	89	1.38	4.55	3,241
Other flowering and foliar type bedding plants								
2006	150	14,966	3,365	18,331	89	1.15	3.54	29,123
2007	146	14,351	3,146	17,497	87	1.41	4.08	33,071
2008	136	12,942	3,795	16,737	89	1.53	3.51	33,122
2009	172	10,915	3,924	14,839	88	1.50	3.75	31,088
2010	154	13,985	5,616	19,601	90	1.55	3.51	41,389
Vegetable type [2]								
2006	92	2,858	403	3,261	94	0.56	3.61	3,055
2007	94	6,575	874	7,449	95	0.69	2.35	6,591
2008	98	7,656	882	8,538	96	0.94	2.41	9,322
2009	99	3,330	1,688	5,018	88	0.87	2.56	7,218
2010	113	5,747	1,473	7,220	92	1.02	2.66	9,780

[1] Pot sizes have been combined into category with greatest production to avoid disclosure of individual operations.
[2] Does not include vegetable transplants grown for commercial use.

Herbaceous perennials: Producers, quantity sold, price, and value, 2006-2010

Item	Producers	Quantity sold				Percent of sales at wholesale	Wholesale price			Value of All sales at wholesale
		Less than 1 gallon	1 to 2 gallon	2 gallon and larger	Total		Less than 1 gallon	1 to 2 gallon	2 gallon and larger	
	Number	*1,000 pots*	*1,000 pots*	*1,000 pots*	*1,000 pots*	*percent*	*Dollars*	*Dollars*	*Dollars*	*1,000 dollars*
Hosta										
2006	113	928	567	59	1,554	90	1.77	3.38	7.52	4,003
2007	106	1,911	808	55	2,774	95	1.78	4.13	7.33	7,142
2008	106	2,103	911	48	3,062	95	1.73	4.04	7.48	7,678
2009	111	1,212	1,005	45	2,262	95	1.90	3.67	8.55	6,376
2010	100	671	470	48	1,189	93	1.58	3.75	8.01	3,207
Other										
2006	140	8,673	6,639	301	15,613	89	0.98	3.21	7.11	31,951
2007	127	8,184	8,007	279	16,470	90	1.48	3.54	6.72	42,332
2008	124	13,350	7,343	432	21,125	92	1.36	3.71	6.70	48,293
2009	143	8,894	8,094	639	17,627	93	1.72	3.82	6.57	50,415
2010	125	6,013	5,990	1,070	13,073	88	1.67	3.82	5.94	39,279

Livestock, Dairy, and Poultry

Livestock: Record highs and lows

Livestock	Unit	Record high		Record low		Year estimates started
		Quantity	Year	Quantity	Year	
Cattle and calves	1,000 head	2,036	1944	538	1867	1867
Cattle on feed	1,000 head	210	2004	57	1931	1930
Chickens, all [1]	1,000 birds	15,512	1944	6,190	1997	1924
Cows, beef	1,000 head	239	1977	24	1925,1933	1920
Cows, milk	1,000 head	1,080	1945	225	1867	1867
Eggs [2]	Million eggs	2,784	2009	1,104	1929	1924
Hogs and pigs [1]	1,000 head	1,397	1943	512	1934	1867
Honey	1,000 pounds	11,780	1939	3,960	2006,2009	1921
Milk	Million pounds	8,327	2010	3,941	1927	1924
Sheep	1,000 head	3,100	1867	62	1999	1867
Wool	1,000 pounds	8,424	1934	380	2009	1934

[1] December 1.
[2] December 1 previous year to November 30.

Cattle and Calves

The January 1, 2011, Michigan cattle herd was 1.09 million head, down 1 percent from a year earlier. The milk cow inventory, 361,000 head, was up 7,000 from the previous year; milk cow replacement heifers decreased by 10,000 to 148,000 head. The beef cow inventory increased to 99,000 head; beef cow replacements numbered 27,000 head. The number of steers fell by 10,000 to 190,000 head. The 2010 calf crop was 385,000 head, up 5,000 from the previous year.

Cash receipts from cattle and calf marketings totaled $380.8 million, up 32 percent from 2009. The liveweight marketed was 482.8 million pounds, 16 percent above the 2009 total. The top 5 counties in cattle and calves inventory on January 1, 2011, were Huron, Sanilac, Ionia, Clinton, and Allegan.

Cattle and calves: Number on farms by class, January 1, 2007-2011

Class	2007	2008	2009	2010	2011
	1,000 head	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*
All cows that have calved	435	450	445	450	460
Beef cows	108	106	92	96	99
Milk cows	327	344	353	354	361
Heifers, 500 pounds and over	205	213	225	235	225
Beef cow replacement	33	31	27	27	27
Milk cow replacement	135	137	148	158	148
Other	37	45	50	50	50
Steers, 500 pounds and over	190	195	185	200	190
Bulls, 500 pounds and over	17	16	15	15	15
Calves, under 500 pounds	213	196	200	200	200
All cattle and calves	1,060	1,070	1,070	1,100	1,090

Cattle and calves: Balance sheet, 2006-2010

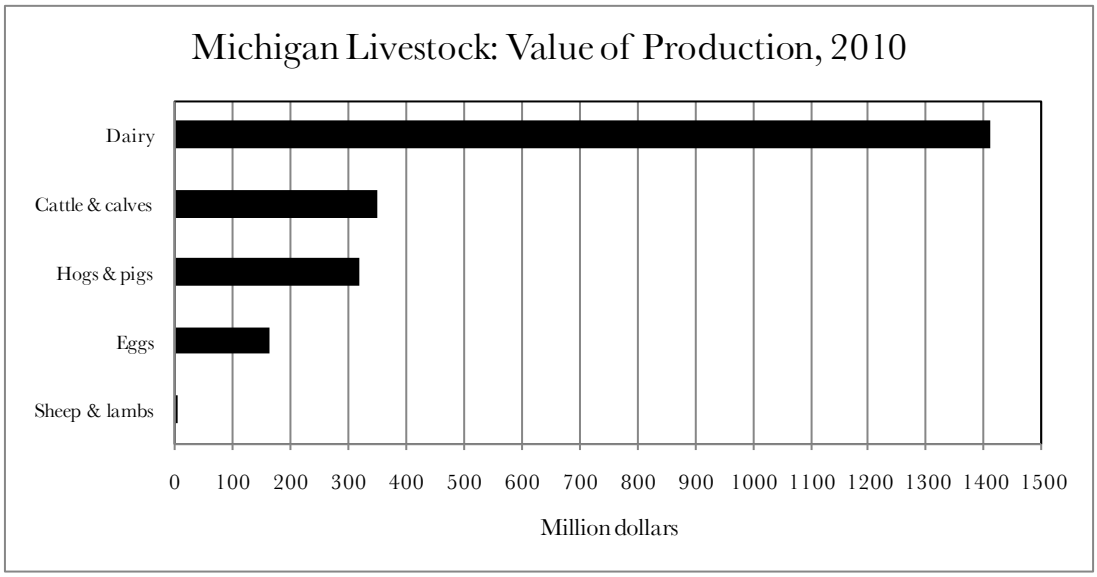
Year	All cattle and calves on hand January 1	Calf crop	Inshipments	Marketings [1]		Farm slaughter cattle and calves [2]	Deaths		All cattle and calves on hand following January 1
				Cattle	Calves		Cattle	Calves	
	1,000 head	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*
2006	1,030	365	68	289	37	4	25	48	1,060
2007	1,060	375	75	325	42	4	23	46	1,070
2008	1,070	375	95	357	42	4	23	44	1,070
2009	1,070	380	61	296	37	4	28	46	1,100
2010	1,100	385	61	350	37	4	22	43	1,090

[1] Includes custom slaughter and state outshipments, but excludes inter-farm sales within the State.
[2] Excludes custom slaughter for farmers at commercial establishments.

Cattle and calves: Production and income, 2006-2010

Year	Production [1]	Marketings [2]	Average price per cwt		Value of production	Cash receipts [4]	Value of home consumption	Gross income
			All beef [3]	Calves				
	1,000 pounds	*1,000 pounds*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
2006	379,197	396,925	71.90	134.00	266,622	294,626	9,127	303,753
2007	428,409	443,590	75.80	118.00	314,853	343,331	9,835	353,166
2008	443,350	494,368	77.10	99.90	335,670	384,943	9,823	394,766
2009	417,234	415,600	68.70	88.60	284,066	288,582	8,749	297,331
2010	446,684	482,890	78.40	92.80	348,281	380,753	9,721	390,474

[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.
[3] Combined price for "Cows" and "Steers and Heifers".
[4] Receipts from marketings and sale of farm slaughter.



Dairy

Milk production in Michigan during 2010 was 8,327 million pounds, up 4.5 percent from 2009. Michigan ranked eighth nationally in milk production in 2010, accounting for 4.32 percent of U.S. production. Huron, Clinton, and Sanilac were the three top counties in milk cows.

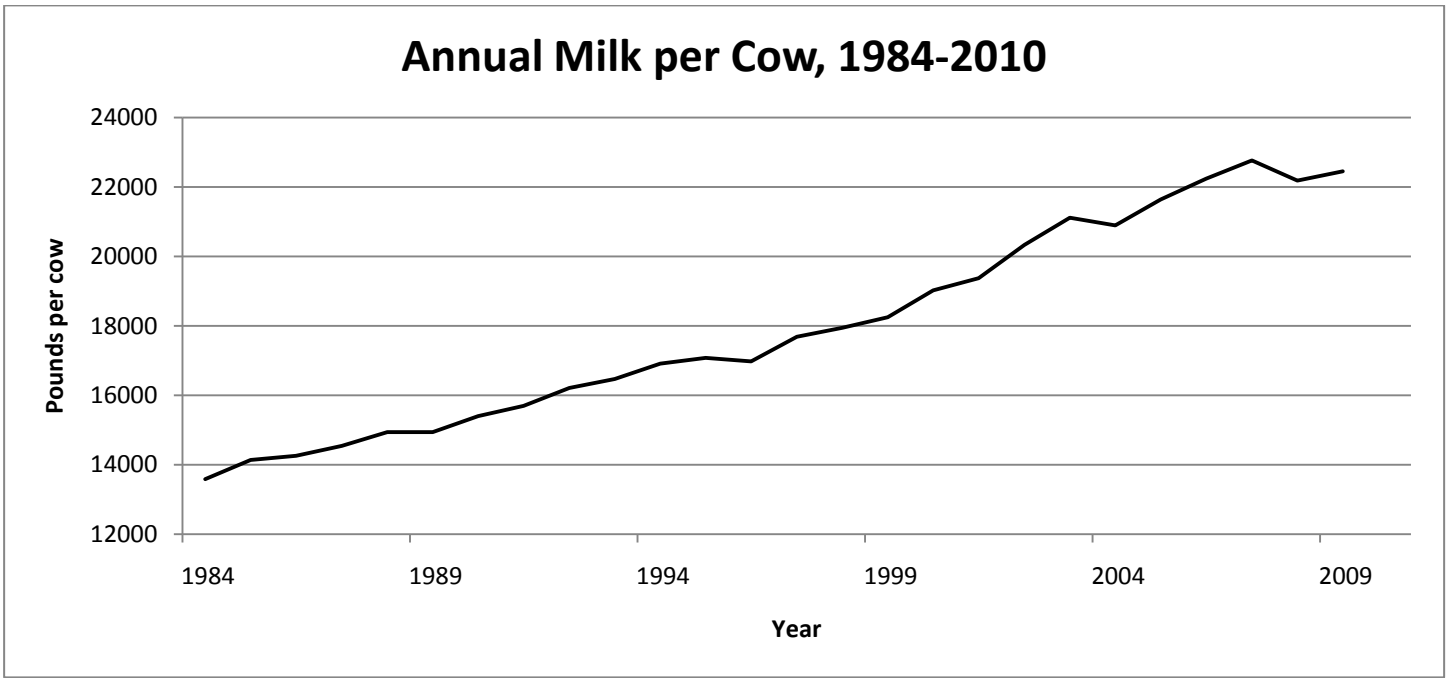
The annual average number of milk cows on Michigan farms during 2010 was 358,000 head, up 3,000 from 2009. Milk production per cow was 23,260 pounds in 2010, compared with 22,445 pounds during 2009. The average butterfat content was 3.59 percent, down from 3.63 in 2009.

Milk prices during the year averaged $17.00 per cwt., up $3.60 from 2009. Cash receipts from milk sales totaled $1,411.0 million, up 32.6 percent from 2009. Milk continued as the top commodity for Michigan cash receipts in 2010.

Milk: Production, utilization, marketings, and value, 2006-2010

Item	Unit	2006	2007	2008	2009	2010
Production						
Total milk produced on farms	Million pounds	7,115	7,625	7,763	7,968	8,327
Milkfat produced	Million pounds	258.3	275.3	282.6	289.2	298.9
Milkfat	Percent	3.63	3.61	3.64	3.63	3.59
Utilization						
Milk used where produced						
Fed to calves	Million pounds	23	23	23	26	25
Used for milk, cream, and butter	Million pounds	2	2	2	2	2
Milk marketed by producers	Million pounds	7,090	7,600	7,738	7,940	8,300
Average return per 100 pounds of milk	Dollars	13.30	19.70	19.20	13.40	17.00
Average return per pound milkfat	Dollars	3.66	5.46	5.27	3.69	4.74
Fluid grade	Percent	99	100	100	100	100
Total cash receipts	1,000 dollars	942,970	1,497,200	1,485,696	1,063,960	1,411,000
Value						
Value of milk used where produced [1]	1,000 dollars	3,325	4,925	4,800	3,752	4,590
Total value of milk produced	1,000 dollars	946,295	1,502,125	1,490,496	1,067,712	1,415,590

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



Milk cows: Number by month, 2006-2010

Month	2006	2007	2008	2009	2010
	1,000 head	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*
January	314	329	344	354	354
February	314	328	344	354	355
March	316	329	345	355	357
April	318	331	347	356	357
May	320	332	350	357	359
June	322	334	351	357	359
July	322	336	352	356	359
August	320	338	352	355	359
September	321	339	352	355	359
October	321	341	353	355	360
November	323	343	353	354	360
December	326	344	354	354	361
Annual	320	335	350	355	358

Milk production: Total by month, 2006-2010

Month	2006	2007	2008	2009	2010
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
January	593	640	657	660	680
February	542	576	605	602	627
March	602	645	645	673	710
April	588	636	638	664	703
May	614	654	677	698	741
June	601	638	653	675	718
July	610	655	669	692	725
August	589	649	655	678	702
September	578	620	630	651	677
October	589	638	651	660	689
November	585	626	628	639	662
December	624	648	655	676	693
Annual	7,115	7,625	7,763	7,968	8,327

Milk: Production per cow, by month, 2006-2010

Month	2006	2007	2008	2009	2010
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*
January	1,890	1,945	1,910	1,865	1,920
February	1,725	1,755	1,760	1,700	1,765
March	1,905	1,960	1,870	1,895	1,990
April	1,850	1,920	1,840	1,865	1,970
May	1,920	1,970	1,935	1,955	2,065
June	1,865	1,910	1,860	1,890	2,000
July	1,895	1,950	1,900	1,945	2,020
August	1,840	1,920	1,860	1,910	1,955
September	1,800	1,830	1,790	1,835	1,885
October	1,835	1,870	1,845	1,860	1,915
November	1,810	1,825	1,780	1,805	1,840
December	1,915	1,885	1,850	1,910	1,920
Annual	22,234	22,761	22,180	22,445	23,260

Dairy Products, by Region, 2006-2010

Product	Region	2006	2007	2008	2009	2010
		Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
Cheese, total [1]	Central	4,030.8	4,081.4	4,342.6	4,550.2	4,614.8
Cheese, American type [2]	Central	1,709.5	1,646.6	1,856.4	1,984.8	1,992.0
Cheese, Italian	Central	1,503.0	1,556.2	1,602.6	1,672.7	1,719.7
Butter	Central	645.3	663.4	686.4	651.5	573.8
Cottage cheese, lowfat	Central	NA	NA	NA	143.7	153.3
Cottage cheese, creamed	Central	NA	NA	NA	167.7	167.8
Cottage cheese curd	Central	NA	NA	NA	176.7	184.8
Yogurt, plain and flavored	Central	NA	NA	1,761.7	1,916.8	1,992.5
Condensed skim milk, unsweetened, bulk	Central	303.5	393.3	379.4	337.0	334.9
Nonfat dry milk for human food	Central	159.3	160.5	190.6	162.0	137.1
Dry whey for human food	Central	477.9	497.5	476.7	470.2	472.9
		1,000 gallons	*1,000 gallons*	*1,000 gallons*	*1,000 gallons*	*1,000 gallons*
Ice cream, regular, hard	Central	NA	NA	459,050	440,952	431,284
Ice cream, lowfat, total	Central	NA	NA	NA	223,383	197,096
Sherbet, hard	Central	NA	NA	NA	30,870	27,981
Frozen yogurt mix	Central	NA	NA	NA	11,137	11,040
Ice cream mix, regular	Central	NA	NA	NA	236,179	243,675
Ice cream mix, lowfat	Central	NA	NA	NA	133,500	137,786
Ice cream mix, lowfat	Michigan	NA	NA	NA	13,921	18,256
		Number	*Number*	*Number*	*Number*	*Number*
Number of Plants	United States	1,094	1,123	1,125	1,203	1,228
Number of Plants	Michigan	40	40	40	39	41

[1] Excluding cottage cheese.
[2] Includes Cheddar, Colby, and Jack.
Central: AL, AR, IA, IL, IN, KS, KY, LA, MI, MN, MO, MS, ND, OH, OK, SD, TN, TX, WI

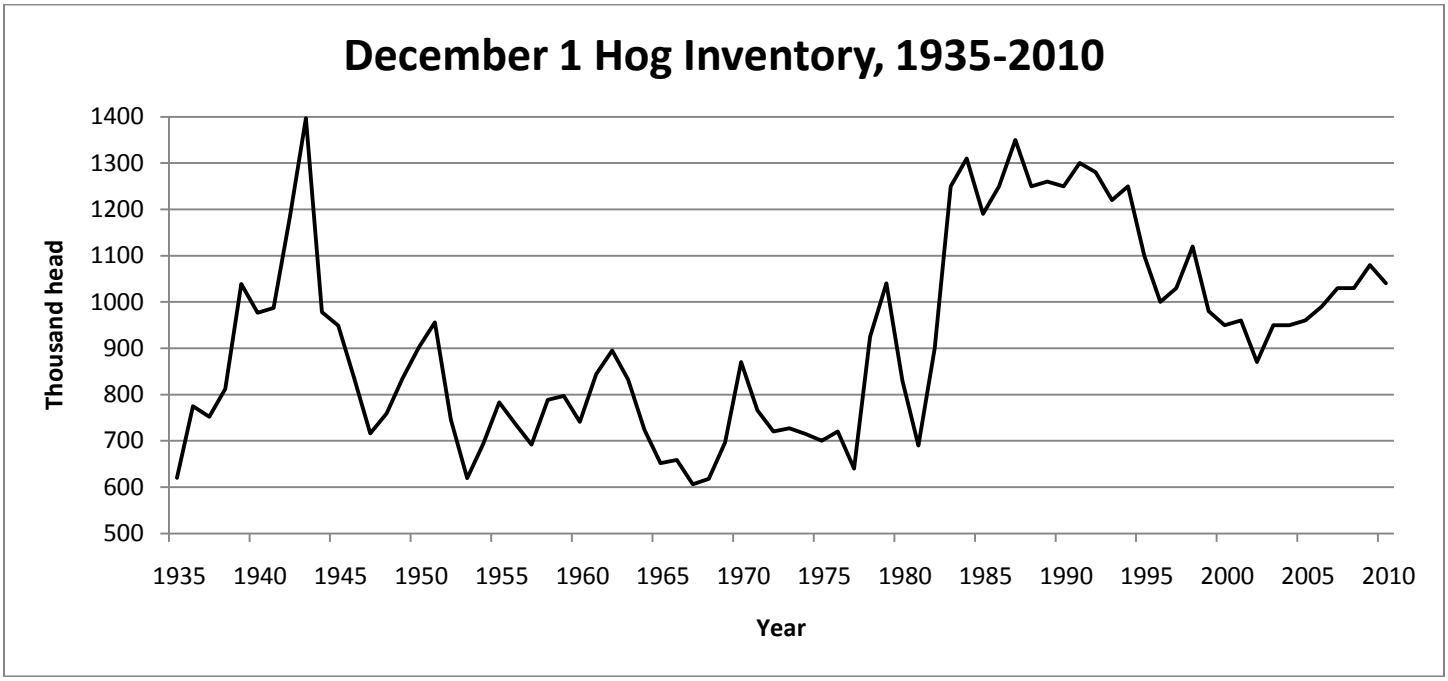
Hogs and Pigs

The December 1, 2010, Michigan hog inventory was 1.04 million head, down 40 thousand from a year earlier. Breeding hogs were 10 percent of the total inventory while market hogs made up the remaining 90 percent. From December 2009 through November 2010, 209,000 sows farrowed; the litter rate was 9.82 pigs per litter. The resulting Michigan 2009 pig crop was 2.063 million head, down 3 percent from the previous year. Hog production totaled 617 million pounds in 2010, up 2 percent from 2009. Marketings of hogs and pigs totaled 626.7 million pounds in 2010, up 3 percent from 2009. Michigan hog producers received an average of $50.00 per cwt in 2010, compared with the 2009 average price of $37.00 per cwt. Cash receipts generated from hogs and pigs totaled $317.9 million, up 39 percent from a year earlier.

Hogs and pigs: Inventory, 2007-2011

Month and year	Market hogs and pigs					Breeding stock	Total hogs and pigs
	Under 50 [1] pounds	50-119 [1] pounds	120-179 pounds	180 lbs and over	Total market		
	1,000 head	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*
March 1							
2007	300	210	175	185	870	110	980
2008	290	245	170	175	880	100	980
2009	315	265	160	190	930	110	1,040
2010	310	250	185	205	950	110	1,060
2011	300	230	200	190	920	110	1,030
June 1							
2007	325	215	190	180	910	110	1,020
2008	290	265	185	190	930	100	1,030
2009	325	285	160	180	950	110	1,060
2010	310	270	190	190	960	110	1,070
September 1							
2007	335	230	230	185	980	100	1,080
2008	325	270	185	170	950	100	1,050
2009	330	265	160	195	950	110	1,060
2010	310	280	200	200	990	110	1,100
December 1							
2007	315	235	200	180	930	100	1,030
2008	290	270	175	185	920	110	1,030
2009	335	270	165	200	970	110	1,080
2010	300	240	190	200	930	110	1,040

[1] Classes before 2008 were under 60 pounds and 60-119 pounds.



Hogs and pigs: Sows farrowing and pig crop, 2006-2011

Year	December-February [1]			March-May		
	Sows farrowing	Pigs per litter	Pig crop	Sows farrowing	Pigs per litter	Pig crop
	1,000 head	*head*	*1,000 head*	*1,000 head*	*head*	*1,000 head*
2007	49	8.75	429	53	9.00	477
2008	53	9.45	491	53	9.70	514
2009	53	9.70	514	54	9.65	521
2010	54	9.80	529	53	9.70	514
2011	51	9.80	500	52	10.00	520
	June-August			September-November		
2006	48	9.15	439	50	8.95	448
2007	55	9.20	506	53	9.45	501
2008	53	9.25	490	53	9.65	512
2009	56	9.60	538	56	9.80	549
2010	52	9.90	515	52	9.90	505

[1] December of previous year.

Hogs and pigs: Balance sheet, 2006-2010

Year	Beginning inventory	Dec-Nov pig crop	Inshipments	Marketings [1]	Farm slaughter [2]	Deaths	Number on hand December 1
	1,000 head	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*
2006	960	1,765	186	1,846	4	71	990
2007	990	1,913	233	2,024	4	78	1,030
2008	1,030	2,007	172	2,097	4	78	1,030
2009	1,030	2,122	205	2,205	4	68	1,080
2010	1,080	2,063	237	2,259	3	78	1,040

[1] Includes custom slaughter and state outshipments, but excludes sales within Michigan.
[2] Excludes custom slaughter for farmers at commercial establishments.

Hogs and pigs: Production and income, 2006-2010

Year	Production [1]	Marketings [2]	Average price per cwt	Value of production	Cash receipts [3]	Value of home consumption	Gross income
	1,000 pounds	*1,000 pounds*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
2006	482,308	481,060	42.00	201,668	205,669	426	206,095
2007	549,965	558,570	41.10	223,478	233,132	438	233,570
2008	575,459	579,740	42.50	243,828	249,776	455	250,231
2009	606,284	611,060	37.00	223,212	229,505	396	229,901
2010	616,969	626,720	50.00	305,727	317,938	401	318,339

[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.
[3] Receipts from marketing and sales of farm slaughter. Includes allowance for higher average price of outshipments of feeder pigs.

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 averaged 58 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.

Honey: Production and value, 2006-2010 [1]

Year	Honey producing colonies	Yield per colony	Production	Price per pound	Value of production	Stocks Dec 15 [2]
	Thousands	*Pounds*	*1,000 pounds*	*Cents*	*1,000 dollars*	*1,000 pounds*
2006	72	55	3,960	117	4,633	2,099
2007	72	64	4,608	119	5,484	2,350
2008	71	73	5,183	144	7,464	2,021
2009	66	60	3,960	155	6,138	1,505
2010	70	58	4,060	164	6,658	1,502

[1] Includes only producers with 5 or more colonies.
[2] Stocks held by producers.

Mink

Mink: Farms, pelts produced and females bred to produce kits, 2007-2011

Year	2007	2008	2009	2010	2011
	Number	*Number*	*Number*	*Number*	*Number*
Pelts produced	52,600	44,100	45,300	40,500	(1)
Females bred to produce kits	12,330	10,300	10,900	11,100	11,750

[1] Published in July 2012.

Poultry

The combined value of production in Michigan from eggs and other chickens (primarily culled layers) during 2010 was $162.8 million, up 9 percent from a year earlier. Egg production totaled 2.9 billion eggs, up 5 percent from last year. The market egg price averaged 67 cents per dozen, up 2 cents from 2009. The number of chickens sold was 4.0 million birds in 2010, up 28 percent from last year.

Chickens: Layers on hand, December 1, 2006-2010

Class	2006	2007	2008	2009	2010
	1,000 birds	*1,000 birds*	*1,000 birds*	*1,000 birds*	*1,000 birds*
Total layers	9,218	9,141	9,638	10,384	10,432
Pullets not of laying age	2,156	1,835	1,890	2,157	2,388
Other chickens	1	1	1	2	2
All chickens (excluding broilers)	11,375	10,977	11,529	12,543	12,822

All eggs: Production and value, 2006-2010 [1]

Year	Eggs produced	Price per dozen	Value of production
	Million	*Dollars*	*1,000 dollars*
2006	2,391	0.367	73,097
2007	2,563	0.727	155,371
2008	2,653	0.957	211,524
2009	2,784	0.646	149,883
2010	2,912	0.671	162,789

[1] December 1 previous year through November 30.

All egg production, by month, 2006-2010

Month	2006	2007	2008	2009	2010
	Million eggs	*Million eggs*	*Million eggs*	*Million eggs*	*Million eggs*
December	194	214	225	236	246
January	190	208	217	236	242
February	177	195	204	213	222
March	204	223	226	237	252
April	193	217	215	221	247
May	199	219	216	227	243
June	195	205	213	228	224
July	202	212	226	238	245
August	208	211	227	244	252
September	204	207	221	233	243
October	214	227	233	237	250
November	211	225	230	234	246
Total [1]	2,391	2,563	2,653	2,784	2,912

[1] Sum of months may not add to total due to rounding.

All layers: Average number on hand during the month, 2006-2010

Month	2006	2007	2008	2009	2010
	1,000 birds	*1,000 birds*	*1,000 birds*	*1,000 birds*	*1,000 birds*
December	8,260	9,102	9,082	9,594	10,232
January	8,169	8,901	9,032	9,601	10,225
February	8,380	9,016	9,134	9,610	10,325
March	8,436	9,133	9,189	9,830	10,273
April	8,192	9,090	9,149	9,790	10,216
May	8,288	8,825	9,117	9,787	10,132
June	8,451	8,813	9,257	9,952	10,121
July	8,521	8,941	9,331	9,656	10,099
August	8,850	8,744	9,230	9,695	10,129
September	9,121	8,789	9,191	10,022	10,074
October	9,117	8,950	9,348	10,208	9,906
November	9,146	9,088	9,590	10,328	10,150
Annual [1]	8,578	8,949	9,221	9,839	10,157

[1] December 1 previous year through November 30.

Sheep and Goats

All sheep and lamb inventory in Michigan on January 1, 2011, was estimated at 74,000 head, down 6,000 head from the previous year. The breeding sheep inventory was 58,000 head; market sheep and lambs totaled 16,000 head. The 2010 Michigan lamb crop was 60,000 head, down 5,000 from 2009. Sheep and lamb value of production was $4.98 million for 2010, and cash receipts totaled $5.76 million. Sheep shorn in 2010 totaled 63,000 head, up 1,000 from 2009. The weight per fleece was 6.0 pounds, and wool production was 380,000 pounds. Wool production was valued at $209,000.

There were 10,800 milk goats on January 1, 2011, down 100 from a year earlier. The number of goats in the meat and other category fell to 14,500 head from 16,000 head on January 1, 2010.

Sheep and lambs: Number on farms by class, January 1, 2007-2011

Class	2007	2008	2009	2010	2011
	1,000 Head	*1,000 Head*	*1,000 Head*	*1,000 Head*	*1,000 Head*
Breeding sheep 1 year and older					
Ewes	47	48	47	46	44
Rams	3	3	3	3	3
Replacement lambs	11	12	10	12	11
Total market sheep and lambs	20	19	18	19	16
All sheep and lambs	81	82	78	80	74

Sheep and lambs: Lamb crop, 2006-2010

Year	Breeding ewes [1]	Lambs per 100 ewes [1]	Lamb crop
	1,000 Head	*Number*	*1,000 Head*
2006	48	123	59
2007	47	145	68
2008	48	135	65
2009	47	138	65
2010	46	130	60

[1] Ewes 1 year and older January 1.

Sheep and lambs: Balance sheet, 2006-2010

Year	All sheep and lambs on hand January 1	Lamb crop	Inshipments	Marketings [1]		Farm slaughter [2]	Deaths		All sheep and lambs on hand following January 1
				Sheep	Lambs		Sheep	Lambs	
	1,000 Head	*1,000 Head*	*1,000 Head*	*1,000 Head*	*1,000 Head*	*1,000 Head*	*1,000 Head*	*1,000 Head*	*1,000 Head*
2006	84	59	3.0	10.5	42.0	2.5	3.0	7.0	81
2007	81	68	3.0	6.5	49.0	2.5	4.0	8.0	82
2008	82	65	2.5	9.5	49.5	2.5	3.0	7.0	78
2009	78	65	3.0	8.5	45.0	2.5	3.0	7.0	80
2010	80	60	4.0	11.5	46.5	2.0	3.0	7.0	74

[1] Includes custom slaughter and state outshipments, but excludes sales within Michigan.
[2] Excludes custom slaughter for farmers at commercial establishments.

Sheep and lambs: Production and income, 2006-2010

Year	Production [1]	Marketings [2]	Average price per cwt		Value of production	Cash receipts [3]	Value of home consumption	Gross income
			Sheep	Lambs				
	1,000 pounds	*1,000 pounds*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
2006	4,415	4,693	36.00	87.00	3,334	3,467	321	3,788
2007	5,038	4,828	32.00	93.00	4,186	4,034	354	4,388
2008	4,935	5,258	29.00	95.00	4,027	4,274	302	4,576
2009	4,895	4,760	34.00	101.00	4,430	4,153	323	4,476
2010	4,421	5,233	51.00	130.00	4,980	5,757	335	6,092

[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.
[3] Receipts from marketings and sale of farm slaughter.

Sheep and lambs: Wool production and value, 2006-2010

Year	Sheep shorn	Weight per fleece	Production	Price per pound	Value of production
	1,000 Head	*Pounds*	*1,000 Pounds*	*Cents*	*1,000 Dollars*
2006	71	6.1	430	45	194
2007	70	6.1	430	36	155
2008	67	6.0	400	34	136
2009	62	6.1	380	43	163
2010	63	6.0	380	55	209

Goats: Number by class, January 1, 2007-2011

Year	Milk	Meat and other
	Head	*Head*
2007	8,600	11,000
2008	8,400	12,000
2009	9,100	13,500
2010	10,900	16,000
2011	10,800	14,500

[1] Not published.

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.

Trout: Sales, 12 inches or longer , 2006-2010

Year	Number of fish sold	Live weight	Sales	
			Total	Average per pound
	1,000	*1,000*	*1,000 dollars*	*Dollars*
2006	320	304	620	2.04
2007	240	236	675	2.86
2008	300	296	864	2.92
2009	300	340	751	2.21
2010	260	283	594	2.10

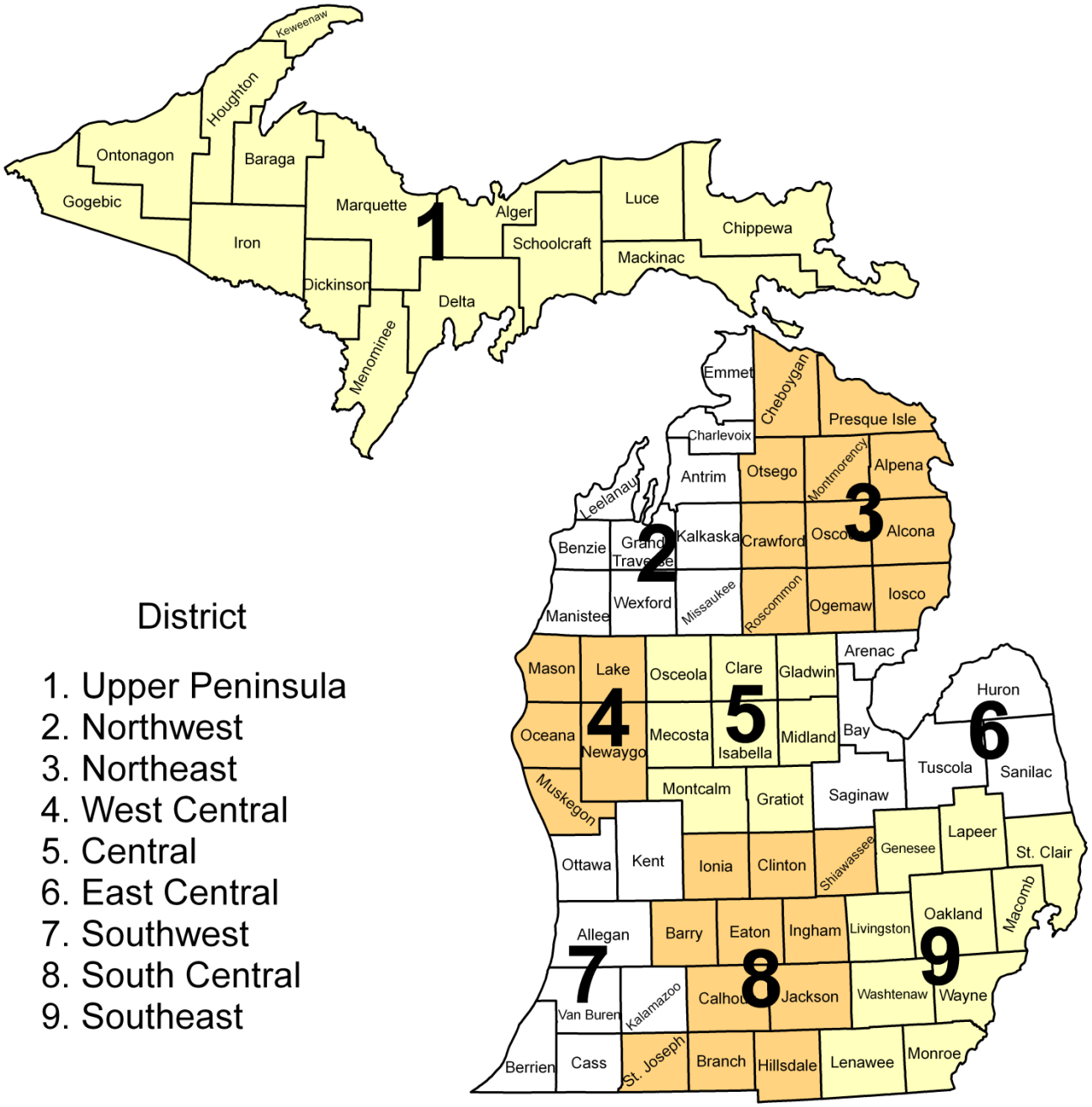
Trout: Value of Fish Sold, Distributed & Lost , 2006-2010

Year	Total Value of Fish Sold	Total Value of Distributed Fish	Trout Lost, Intended for Sale	
			Number Lost	Pounds Lost
	1,000 dollars	*1,000 dollars*	*1,000*	*1,000*
2006	783	(D)	47	29
2007	848	1,220	82	39
2008	1,027	1,078	144	75
2009	933	1,607	203	76
2010	770	1,181	170	44

(D) Withheld to avoid disclosing data for individual farms.

Agricultural Statistics Districts

The State is divided into nine Agricultural Statistics Districts to make data comparison easier. An Agricultural Statistics District is a contiguous group of counties having relatively similar agricultural characteristics. Each district has within it more homogeneous agriculture than the State as a whole. They are numbered from north to south and west to east.



District

1. Upper Peninsula
2. Northwest
3. Northeast
4. West Central
5. Central
6. East Central
7. Southwest
8. South Central
9. Southeast

Principal counties for field crops, 2010 [1]

Rank	Corn for grain	Dry beans [2]	Hay [2]	Oats	Soybeans	Sugarbeets	Wheat
1	Huron	Huron	Sanilac	Sanilac	Sanilac	Huron	Huron
2	Lenawee	Tuscola	Osceola	Huron	Lenawee	Sanilac	Sanilac
3	Saginaw	Bay	Isabella	Montcalm	Saginaw	Tuscola	Lenawee
4	Cass	Sanilac	Lapeer	Presque Isle	Hillsdale	Saginaw	Tuscola
5	Sanilac	Gratiot	Ottawa	Isabella	Eaton	Bay	Saginaw

[1] Based on total production.
[2] Based on 2007 Census of Agriculture

Principal counties for livestock [1]

Rank	January 1, 2011 Cattle and Calves	Hogs and pigs [2]	January 1, 2011 Milk cows
1	Huron	Allegan	Huron
2	Sanilac	Cass	Clinton
3	Ionia	Branch	Sanilac
4	Clinton	Gratiot	Allegan
5	Allegan	Ottawa	Ionia

[1] Based on number of head.
[2] Based on 2007 Census of Agriculture

Principal counties for fruits and vegetables, 2007 [1]

Rank	Apples	Blueberries	Grapes	Tart Cherries	Asparagus	Cucumbers, processing	Snap beans, processing
1	Kent	Van Buren	Berrien	Oceana	Oceana	Saginaw	St. Joseph
2	Berrien	Ottawa	Van Buren	Leelanau	Mason	Bay	Branch
3	Ottawa	Allegan	Cass	Antrim	Van Buren	St. Joseph	Oceana
4	Van Buren	Muskegon	Leelanau	Grand Traverse	Cass	Montcalm	Tuscola
5	Oceana	Berrien	Kalamazoo	Berrien	Manistee	Branch	Genesee

[1] Based on acres from 2007 Census of Agriculture.

Corn: Acreage, yield, and production, by county, 2009-2010 [1]

County and district	2009				2010			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Delta	3,300	2,200	84.0	185	2,900	2,300	133.5	307
Menominee	16,000	6,600	68.0	450	15,400	7,600	136.2	1,035
Other counties	3,700	1,200	71.0	85	3,200	1,600	136.3	218
Upper Peninsula	23,000	10,000	72.0	720	21,500	11,500	135.7	1,560
Antrim	3,900	2,100	119.0	250	3,600	2,100	121.4	255
Benzie					1,200	600	120.0	72
Charlevoix	2,500	1,800	131.0	235	2,700	2,400	114.6	275
Emmet	1,500	1,100	84.0	92				
Grand Traverse	7,800	6,100	100.0	610	7,000	6,300	115.9	730
Leelanau	2,700	2,400	94.0	225	2,600	2,300	104.3	240
Manistee	2,100	1,800	117.0	210	2,400	1,900	131.6	250
Missaukee	19,300	7,800	109.0	850	18,500	8,600	152.3	1,310
Wexford	5,100	3,500	101.0	355	5,000	3,700	124.3	460
Other counties	2,100	1,400	124.0	173	2,000	1,100	98.2	108
Northwest	47,000	28,000	107.0	3,000	45,000	29,000	127.6	3,700
Alcona	2,800	1,900	95.0	180				
Alpena	6,100	4,600	107.0	490	5,800	4,200	127.4	535
Iosco	6,300	5,100	133.0	680	5,800	4,000	146.3	585
Montmorency	1,900	1,500	117.0	175	1,700	1,400	117.9	165
Ogemaw	12,000	8,100	123.0	1,000	12,800	9,000	137.8	1,240
Oscoda					600	200	115.0	23
Otsego	900	700	114.0	80				
Presque Isle	5,500	4,500	107.0	480	5,000	4,100	126.8	520
Other counties	1,500	600	108.0	65	4,800	3,600	153.3	552
Northeast	37,000	27,000	117.0	3,150	36,500	26,500	136.6	3,620
Lake	1,100	800	119.0	95	1,200	800	143.8	115
Mason	13,500	10,200	116.0	1,185	13,700	10,900	151.4	1,650
Muskegon	19,000	13,800	136.0	1,880	17,200	13,100	153.8	2,015
Newaygo	28,900	22,500	127.0	2,850	29,100	18,700	137.4	2,570
Oceana	15,500	12,700	113.0	1,440	15,800	14,500	146.2	2,120
West Central	78,000	60,000	124.0	7,450	77,000	58,000	146.0	8,470
Clare	4,600	2,200	109.0	240	5,100	2,800	126.8	355
Gladwin	7,900	6,800	119.0	810	8,200	6,800	152.9	1,040
Gratiot	92,000	83,000	158.0	13,100	95,000	80,700	145.0	11,700
Isabella	40,000	32,300	138.0	4,450	39,000	30,800	145.5	4,480
Mecosta	23,700	19,500	126.0	2,460	21,000	18,000	142.5	2,565
Midland	23,000	22,700	156.0	3,550	22,000	21,400	161.0	3,445
Montcalm	64,000	58,700	136.0	8,000	65,000	57,900	135.9	7,870
Osceola	9,800	4,800	123.0	590	9,700	4,600	144.6	665
Central	265,000	230,000	144.0	33,200	265,000	223,000	144.0	32,120
Arenac	17,000	15,500	145.0	2,250	15,000	13,400	152.2	2,040
Bay	50,000	48,000	163.0	7,800	50,000	47,400	163.3	7,740
Huron	112,000	94,000	168.0	15,800	111,000	94,200	172.5	16,250
Saginaw	94,000	92,000	159.0	14,650	98,000	94,100	143.5	13,500
Sanilac	102,000	87,000	154.0	13,400	104,000	82,500	154.9	12,780
Tuscola	80,000	78,500	164.0	12,900	82,000	77,400	148.4	11,490
East Central	455,000	415,000	161.0	66,800	460,000	409,000	156.0	63,800

See footnote(s) at end of table.

--continued

Corn: Acreage, yield, and production, by county, 2009-2010 [1] (continued)

County and district	2009				2010			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Allegan	92,000	79,000	165.0	13,000	85,000	73,800	152.0	11,220
Berrien	48,000	46,000	150.0	6,900	46,000	43,800	159.4	6,980
Cass	76,000	75,000	163.0	12,200	79,000	76,500	168.5	12,890
Kalamazoo	54,000	52,000	150.0	7,800	56,000	53,200	155.8	8,290
Kent	43,000	34,500	143.0	4,950	45,000	35,400	148.6	5,260
Ottawa	49,000	39,000	156.0	6,100	50,000	41,000	147.1	6,030
Van Buren	43,000	39,500	153.0	6,050	44,000	40,300	165.3	6,660
Southwest	405,000	365,000	156.0	57,000	405,000	364,000	157.5	57,330
Barry	44,000	32,000	144.0	4,600	45,000	33,500	146.0	4,890
Branch	80,000	78,000	135.0	10,500	86,000	80,600	145.2	11,700
Calhoun	77,000	72,500	139.0	10,100	82,000	75,500	149.3	11,270
Clinton	74,000	57,000	148.0	8,450	80,000	64,200	137.7	8,840
Eaton	58,000	56,000	152.0	8,500	64,000	59,100	161.9	9,570
Hillsdale	69,000	63,500	136.0	8,650	65,000	59,900	140.6	8,420
Ingham	50,000	46,000	151.0	6,950	52,000	47,800	158.8	7,590
Ionia	81,000	68,000	154.0	10,500	87,000	69,400	160.7	11,150
Jackson	53,000	48,000	125.0	6,000	57,000	52,500	140.8	7,390
St Joseph	79,000	77,000	155.0	11,900	88,000	81,200	147.2	11,950
Shiawassee	55,000	52,000	143.0	7,450	59,000	52,300	132.5	6,930
South Central	720,000	650,000	144.0	93,600	765,000	676,000	147.5	99,700
Genesee	27,000	26,500	125.0	3,300	31,000	28,900	131.5	3,800
Lapeer	32,000	31,000	134.0	4,150	35,000	31,700	139.4	4,420
Lenawee	101,000	93,000	154.0	14,300	97,000	90,900	156.8	14,250
Livingston	19,500	18,000	139.0	2,500	21,000	19,000	145.3	2,760
Macomb	12,500	11,500	152.0	1,750	13,500	12,100	139.7	1,690
Monroe	59,000	58,500	164.0	9,600	55,000	53,600	154.1	8,260
Oakland	1,300	1,300	119.0	155	2,200	1,900	123.7	235
St Clair	26,000	25,000	130.0	3,250	32,000	29,300	143.7	4,210
Washtenaw	40,000	38,500	134.0	5,150	37,000	34,300	142.9	4,900
Wayne	1,700	1,700	144.0	245	1,300	1,300	134.6	175
Southeast	320,000	305,000	146.0	44,400	325,000	303,000	147.5	44,700
Michigan	2,350,000	2,090,000	148.0	309,320	2,400,000	2,100,000	150.0	315,000

[1] Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

Dry edible beans, all: Acreage, yield, and production, by county, 2009-2010 [1]

County and district	2009				2010			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Pounds*	*1,000 cwt*	*Acres*	*Acres*	*Pounds*	*1,000 cwt*
Delta	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Schoolcraft	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	(D)	(D)	(D)	(D)	1,300	1,300	880	11.5
Upper Peninsula	(D)	(D)	(D)	(D)	1,300	1,300	880	11.5
Other counties	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Northwest	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Alcona	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Alpena	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Cheboygan	-	-	-	-	(D)	(D)	(D)	(D)
Iosco	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ogemaw	-	-	-	-	(D)	(D)	(D)	(D)
Otsego	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Presque Isle	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	3,700	3,300	1,390	46.0	(D)	(D)	(D)	(D)
Northeast	3,700	3,300	1,390	46.0	(D)	(D)	(D)	(D)
Other counties	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
West Central	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Clare	-	-	-	-	(D)	(D)	(D)	(D)
Gladwin	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Gratiot	7,300	7,200	1,510	109.0	(D)	(D)	(D)	(D)
Isabella	2,700	2,700	1,960	53.0	(D)	(D)	(D)	(D)
Mecosta	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Midland	3,400	3,400	1,710	58.0	(D)	(D)	(D)	(D)
Montcalm	8,200	8,100	1,590	129.0	(D)	(D)	(D)	(D)
Other counties	2,200	2,000	1,700	34.0	(D)	(D)	(D)	(D)
Central	23,800	23,400	1,640	383.0	(D)	(D)	(D)	(D)
Arenac	5,500	5,400	1,940	105.0	(D)	(D)	(D)	(D)
Bay	19,200	19,000	1,840	349.0	23,000	22,900	1,580	362.0
Huron	82,700	81,400	1,880	1,529.0	86,000	85,800	1,890	1,620.0
Saginaw	6,100	6,000	1,550	93.0	(D)	(D)	(D)	(D)
Sanilac	17,100	15,000	1,530	229.0	(D)	(D)	(D)	(D)
Tuscola	35,400	35,200	1,910	672.0	40,700	40,700	1,970	801.0
Other counties	-	-	-	-	41,300	41,000	1,770	727.0
East Central	166,000	162,000	1,840	2,977.0	191,000	190,400	1,840	3,510.0
Allegan	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Kalamazoo	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Kent	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	1,600	1,600	2,130	34.0	(D)	(D)	(D)	(D)
Southwest	1,600	1,600	2,130	34.0	(D)	(D)	(D)	(D)
Clinton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Eaton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ingham	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ionia	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Shiawassee	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	2,300	2,100	1,710	36.0	3,100	3,000	1,670	50.0
South Central	2,300	2,100	1,710	36.0	3,100	3,000	1,670	50.0
Genesee	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Lapeer	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Livingston	-	-	-	-	(D)	(D)	(D)	(D)
St Clair	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Southeast	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other districts	2,600	2,600	1,310	34.0	40,600	40,300	1,630	658.5
Michigan	200,000	195,000	1,800	3,510.0	236,000	235,000	1,800	4,230.0

(D) Withheld to avoid disclosing data for individual farms

Oats: Acreage, yield, and production, by county, 2009-2010 [1]

County and district	2009				2010			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Chippewa	1,500	1,200	56	67	1,400	800	40	32
Delta	1,900	1,400	69	97				
Dickinson	700	500	66	33	800	700	50	35
Mackinac					900	600	53	32
Menominee	2,500	1,600	53	85				
Other counties	600	300	60	18	5,200	3,700	66	245
Upper Peninsula	10,000	7,800	58	450	10,500	8,100	61	490
Antrim	600	400	40	16	800	600	62	37
Charlevoix	500	500	58	29	500	400	73	29
Emmet					600	500	52	26
Grand Traverse	1,700	1,600	62	99	1,700	1,500	63	95
Leelanau	500	400	65	26				
Missaukee	1,400	1,000	65	65	1,500	1,100	68	75
Wexford	800	700	47	33	700	600	63	38
Other counties	1,000	600	37	22	1,200	800	56	45
Northwest	6,500	5,200	56	290	7,000	5,500	63	345
Alcona	600	300	63	19				
Alpena	2,300	2,300	60	137				
Cheboygan	500	400	45	18				
Iosco	1,100	700	67	47				
Ogemaw	2,400	1,600	64	102	2,600	1,800	68	123
Otsego	600	500	40	20	600	500	54	27
Presque Isle	2,900	2,800	60	169	2,600	2,500	62	155
Other counties	600	300	60	18	5,200	3,700	66	245
Northeast	11,000	8,900	60	530	11,000	8,500	65	550
Mason	1,000	800	73	58	1,200	1,000	72	72
Newaygo	1,000	600	65	39	1,600	1,200	50	60
Oceana	1,000	800	61	49				
Other counties	1,000	900	49	44	2,200	1,800	71	128
West Central	4,000	3,100	61	190	5,000	4,000	65	260
Clare	1,000	900	61	55	1,100	1,000	65	65
Gladwin	1,000	600	60	36	1,000	900	84	76
Gratiot					600	500	60	30
Isabella	2,200	2,200	68	149	2,400	2,000	67	134
Mecosta	2,800	2,500	59	148				
Montcalm	3,000	2,300	78	179	3,100	2,800	61	172
Osceola	1,200	700	60	42	1,300	1,100	60	66
Other counties	800	600	77	46	3,500	3,100	67	207
Central	12,000	9,800	67	655	13,000	11,400	66	750
Bay	600	500	74	37				
Huron	2,100	1,900	88	168	2,200	2,100	99	208
Sanilac	3,300	2,700	69	187	3,300	3,100	88	274
Tuscola	900	700	71	50	900	800	76	61
Other counties	1,600	700	83	58	2,600	2,200	71	157
East Central	8,500	6,500	77	500	9,000	8,200	85	700

See footnote(s) at end of table.

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Oats: Acreage, yield, and production, by county, 2009-2010 [1] (continued)

County and district	2009				2010			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Allegan	1,300	1,200	52	62				
Kalamazoo	500	100	50	5				
Kent	1,400	1,000	58	58	1,300	1,100	74	81
Ottawa	700	500	40	20				
Other counties	600	300	50	15	3,700	1,900	78	149
Southwest	4,500	3,100	52	160	5,000	3,000	77	230
Barry	700	500	62	31				
Branch	500	200	80	16				
Calhoun	800	800	64	51				
Clinton	800	600	73	44				
Eaton	800	700	57	40	900	800	69	55
Hillsdale	1,400	900	66	59				
Ionia	1,400	1,300	62	81				
Jackson	800	600	60	36	700	600	62	37
Shiawassee	1,700	1,500	88	132	1,700	1,200	68	82
Other counties	1,100	400	50	20	7,200	5,600	67	376
South Central	10,000	7,500	68	510	10,500	8,200	67	550
Lapeer	700	700	46	32	1,100	1,000	66	66
St Clair	500	500	58	29				
Washtenaw	700	600	60	36	700,000	600,000	62	37
Other counties	1,600	1,300	64	83	2,200	1,500	68	102
Southeast	3,500	3,100	58	180	4,000	3,100	66	205
Michigan	70,000	55,000	63	3,465	75,000	60,000	68	4,080

[1] Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

Soybeans: Acreage, yield, and production, by county, 2009-2010 [1]

County and district	2009				2010			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Antrim	900	850	28.0	24				
Grand Traverse	500	450	31.0	14				
Other counties	1,100	900	35.5	32				
Northwest	2,500	2,200	32.0	70				
Alpena					6,000	5,900	39.0	230
Iosco					1,800	1,700	46.5	79
Montmorency					3,200	3,100	42.3	131
Ogemaw					1,100	1,100	44.5	49
Presque Isle					5,300	5,000	35.6	178
Other counties					1,600	1,600	36.3	58
Northeast					19,000	18,400	39.4	725
Mason	4,500	4,450	33.0	147	4,400	4,400	55.9	246
Muskegon	6,800	6,800	41.0	279	7,100	7,000	49.3	345
Newaygo	6,000	5,900	36.0	213	5,500	5,400	44.8	242
Oceana	2,700	2,650	34.5	91	3,000	3,000	42.3	127
West Central	20,000	19,800	37.0	730	20,000	19,800	48.5	960
Clare					2,900	2,900	43.1	125
Gladwin					6,300	6,300	49.4	311
Gratiot	78,500	78,400	42.5	3,350	80,500	80,300	41.1	3,300
Isabella	47,500	47,200	40.5	1,920	52,500	52,000	48.5	2,520
Mecosta					2,600	2,500	37.2	93
Midland	19,700	19,600	40.0	785	22,400	22,300	46.2	1,030
Montcalm	21,500	21,400	38.0	817	22,000	21,900	38.4	840
Osceola					800	800	38.8	31
Other counties	12,800	12,400	34.5	428				
Central	180,000	179,000	41.0	7,300	190,000	189,000	43.7	8,250
Arenac	16,000	15,900	37.0	590	15,000	14,900	46.3	690
Bay	41,000	40,000	42.0	1,680	41,000	40,900	46.7	1,910
Huron	51,000	50,800	40.0	2,040	50,000	49,900	46.1	2,300
Saginaw	98,000	97,900	43.0	4,230	100,000	99,800	41.1	4,100
Sanilac	136,000	135,600	37.0	4,990	136,000	135,800	42.9	5,820
Tuscola	78,000	77,800	42.0	3,270	73,000	72,700	41.0	2,980
East Central	420,000	418,000	40.0	16,800	415,000	414,000	43.0	17,800
Allegan	42,000	41,900	45.0	1,880	40,000	39,900	46.1	1,840
Berrien	40,000	40,000	44.0	1,760	42,000	41,800	47.8	2,000
Cass	43,500	43,300	35.0	1,520	43,000	42,900	44.8	1,920
Kalamazoo	32,500	32,200	39.0	1,250	32,000	31,900	51.4	1,640
Kent	21,500	21,200	44.0	935	24,000	23,800	46.6	1,110
Ottawa	20,500	20,400	48.0	980	24,000	23,800	50.0	1,190
Van Buren	22,000	22,000	38.0	835	20,000	19,900	45.2	900
Southwest	222,000	221,000	41.5	9,160	225,000	224,000	47.3	10,600
Barry	31,000	30,600	41.0	1,260	30,000	29,600	43.9	1,300
Branch	75,000	75,000	35.0	2,640	75,000	74,700	44.4	3,320
Calhoun	73,000	72,800	39.0	2,840	73,000	72,600	47.7	3,460
Clinton	74,000	73,700	42.0	3,100	75,000	74,800	38.9	2,910
Eaton	71,000	70,900	41.5	2,950	75,000	74,800	47.2	3,530
Hillsdale	71,000	70,900	36.0	2,570	80,000	79,600	44.8	3,570
Ingham	52,000	51,600	41.5	2,140	55,000	54,800	47.4	2,600
Ionia	58,000	57,900	45.0	2,610	60,000	59,800	47.7	2,850
Jackson	40,000	39,800	38.5	1,540	42,000	41,700	46.0	1,920
St Joseph	60,000	59,900	42.0	2,530	55,000	54,800	49.6	2,720
Shiawassee	85,000	84,900	38.0	3,220	85,000	84,800	36.2	3,070
South Central	690,000	688,000	40.0	27,400	705,000	702,000	44.5	31,250

See footnote(s) at end of table.

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Soybeans: Acreage, yield, and production, by county, 2009-2010 [1] (continued)

County and district	2009				2010			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Genesee	43,000	42,900	32.5	1,400	42,000	41,900	38.2	1,600
Lapeer	48,000	47,700	36.5	1,730	54,000	53,600	41.2	2,210
Lenawee	110,000	110,000	43.0	4,750	120,000	119,800	43.4	5,200
Livingston	19,000	19,000	38.5	730	20,000	19,900	41.0	815
Macomb	26,000	25,800	39.0	1,000	27,000	26,600	38.0	1,010
Monroe	79,000	78,700	44.0	3,480	85,000	84,300	41.0	3,460
Oakland	4,000	3,900	38.5	150	3,100	3,000	38.0	114
St Clair	66,000	65,600	36.5	2,400	70,000	69,300	37.2	2,580
Washtenaw	47,000	46,900	39.5	1,850	45,000	44,700	40.0	1,790
Wayne	3,000	3,000	36.5	110	2,900	2,900	41.7	121
Southeast	445,000	443,500	39.5	17,600	469,000	466,000	40.6	18,900
Other districts	20,500	18,500	29.0	540	7,000	6,800	37.5	255
Michigan	2,000,000	1,990,000	40.0	79,600	2,050,000	2,040,000	43.5	88,740

[1] Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

Sugarbeets: Acreage, yield, and production, by county, 2009-2010 [1]

County and district	2009				2010			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Tons*	*1,000 Tons*	*Acres*	*Acres*	*Tons*	*1,000 Tons*
Iosco	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ogemaw	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	600	500	22.0	11.0	(D)	(D)	(D)	(D)
Northeast	600	500	22.0	11.0	(D)	(D)	(D)	(D)
Clare	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Gladwin	1,100	1,000	23.0	23.0	1,100	1,100	18.6	20.5
Gratiot	9,100	8,900	20.9	186.0	11,400	11,400	20.8	237.0
Isabella	600	600	21.7	13.0	(D)	(D)	(D)	(D)
Mecosta	(D)	(D)	(D)	(D)	-	-	-	-
Midland	3,200	3,200	23.1	74.0	3,100	3,100	20.1	62.3
Montcalm	(D)	(D)	(D)	(D)	600	600	28.3	17.0
Other counties	800	500	26.0	13.0	500	500	22.4	11.2
Central	14,800	14,200	21.8	309.0	16,700	16,700	20.8	348.0
Arenac	3,100	3,000	24.7	74.0	3,100	3,100	26.1	81.0
Bay	13,100	12,900	21.3	275.0	14,300	14,300	23.1	331.0
Huron	44,000	43,900	26.4	1,160.0	48,300	48,300	28.8	1,391.0
Saginaw	15,100	14,900	23.4	349.0	15,600	15,600	24.7	386.0
Sanilac	24,700	24,700	24.0	594.0	23,300	23,300	26.8	624.0
Tuscola	17,500	17,300	25.9	448.0	19,400	19,400	26.4	512.0
East Central	117,500	116,700	24.9	2,900.0	124,000	124,000	26.8	3,325.0
Clinton	1,100	1,000	22.0	22.0	(D)	(D)	(D)	(D)
Ionia	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Shiawassee	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	1,700	1,500	20.7	31.0	(D)	(D)	(D)	(D)
South Central	2,800	2,500	21.2	53.0	(D)	(D)	(D)	(D)
Genesee	(D)	(D)	(D)	(D)	300	300	24.7	7.4
Lapeer	(D)	(D)	(D)	(D)	1,400	1,400	25.1	35.1
St Clair	1,200	1,100	23.6	26.0	1,300	1,300	21.8	28.4
Other counties	1,100	1,000	19.0	19.0	-	-	-	-
Southeast	2,300	2,100	21.4	45.0	3,000	3,000	23.6	70.9
Other districts	-	-	-	-	3,300	3,300	23.7	78.1
Michigan	138,000	136,000	24.4	3,318.0	147,000	147,000	26.0	3,822.0

(D) Withheld to avoid disclosing data for individual farms.

Wheat: Acreage, yield, and production, by county, 2009-2010 [1]

County and district	2009				2010			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Other counties	2,500	2,200	47.5	105	2,000	1,500	56.7	85
Upper Peninsula	2,500	2,200	47.5	105	2,000	1,500	56.7	85
Grand Traverse	1,300	1,100	45.5	50	1,200	1,000	37.0	37
Missaukee	600	500	60.0	30	1,000	700	42.9	30
Wexford	600	400	52.5	21				
Other counties	2,400	2,100	52.0	109	2,800	2,000	41.5	83
Northwest	4,900	4,100	51.0	210	5,000	3,700	40.5	150
Alcona	1,100	1,000	49.0	49	900	700	65.7	46
Alpena	3,700	3,300	52.0	172	2,400	2,200	53.6	118
Cheboygan					600	500	48.0	24
Iosco	2,100	1,800	74.5	134	1,100	900	56.7	51
Montmorency	1,000	800	65.0	52				
Ogemaw	1,900	1,100	65.5	72	1,600	1,500	65.3	98
Presque Isle	3,700	3,500	52.5	183	2,500	2,200	41.8	92
Other counties	1,100	700	54.5	38	900	700	44.3	31
Northeast	14,600	12,200	57.5	700	10,000	8,700	52.9	460
Mason	3,900	3,400	53.0	180	3,700	3,700	59.7	221
Muskegon					2,800	800	50.0	40
Newaygo	2,000	900	60.0	54				
Oceana	2,000	1,500	59.5	89	2,000	1,400	57.9	81
Other counties	3,100	1,400	58.5	82	1,500	1,400	55.7	78
West Central	11,000	7,200	56.5	405	10,000	7,300	57.5	420
Gladwin	1,800	1,400	63.0	88	1,800	1,800	76.1	137
Gratiot	23,100	21,900	71.0	1,560	17,500	17,300	72.8	1,260
Isabella	19,100	18,400	70.5	1,300	14,600	14,100	70.9	1,000
Mecosta	1,900	1,400	49.5	69	2,100	2,000	65.0	130
Midland	6,500	6,200	71.0	439	4,300	4,200	71.9	302
Montcalm	13,600	12,100	56.0	680	11,500	10,900	54.8	597
Other counties	4,000	2,700	57.0	154	2,200	2,000	57.0	114
Central	70,000	64,100	67.0	4,290	54,000	52,300	67.7	3,540
Arenac	9,200	8,400	74.0	620	7,000	6,700	73.1	490
Bay	17,000	16,000	77.0	1,230	14,800	14,600	71.9	1,050
Huron	60,000	42,800	87.5	3,750	58,500	54,100	86.0	4,650
Saginaw	27,800	26,700	75.5	2,020	23,000	22,800	74.1	1,690
Sanilac	52,000	48,800	74.0	3,610	49,500	49,200	79.3	3,900
Tuscola	37,000	31,300	74.0	2,310	30,200	29,600	79.1	2,340
East Central	203,000	174,000	78.0	13,540	183,000	177,000	79.8	14,120
Allegan	6,900	6,200	59.0	367	5,500	5,200	57.7	300
Berrien	5,100	4,800	62.5	300	3,200	3,100	57.7	179
Cass	4,500	3,200	60.5	194	3,000	2,600	53.8	140
Kalamazoo	4,800	4,700	66.0	310				
Kent	6,700	6,000	64.0	384	5,600	5,500	63.3	348
Ottawa	5,300	4,700	57.5	270	4,000	3,300	57.0	188
Van Buren	1,700	1,600	53.0	85				
Other counties					5,700	3,800	57.9	220
Southwest	35,000	31,200	61.0	1,910	27,000	23,500	58.5	1,375

See footnote(s) at end of table.

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Wheat: Acreage, yield, and production, by county, 2009-2010 [1] (continued)

County and district	2009				2010			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Barry	8,400	8,200	63.5	521	6,200	5,800	58.8	341
Branch	7,000	6,500	61.5	400	5,500	5,500	55.3	304
Calhoun	9,700	9,500	64.5	614	8,400	8,200	63.4	520
Clinton	23,000	22,000	68.0	1,500	19,500	19,300	65.8	1,270
Eaton	19,500	19,000	63.5	1,210	14,500	14,300	64.7	925
Hillsdale	15,700	15,100	65.5	990	12,000	11,700	62.4	730
Ingham	18,900	18,500	66.5	1,230	17,800	17,800	70.2	1,250
Ionia	13,900	13,000	66.5	865	11,000	10,800	63.9	690
Jackson	8,900	8,400	57.5	484	7,800	7,700	54.5	420
St Joseph	4,200	3,000	65.5	196	2,300	2,000	60.0	120
Shiawassee	28,800	26,800	58.5	1,570	25,000	24,900	60.6	1,510
South Central	158,000	150,000	64.0	9,580	130,000	128,000	63.1	8,080
Genesee	8,500	8,000	50.0	400	6,800	6,700	58.2	390
Lapeer	11,800	11,400	61.0	696	8,200	8,200	64.6	530
Lenawee	40,300	38,200	79.5	3,040	35,500	35,200	72.4	2,550
Livingston	7,000	6,700	55.5	373	7,700	7,700	57.5	443
Macomb	4,500	3,700	52.5	195	3,000	2,900	71.4	207
Monroe	27,200	26,800	74.5	2,000	22,000	21,900	72.1	1,580
St Clair	14,800	14,300	58.0	830	11,000	10,900	73.0	796
Washtenaw	15,200	14,400	67.5	973	13,500	13,300	68.4	910
Other counties	1,700	1,500	55.5	83	1,300	1,200	53.3	64
Southeast	131,000	125,000	68.5	8,590	109,000	108,000	69.2	7,470
Michigan	630,000	570,000	69.0	39,330	530,000	510,000	70.0	35,700

[1] Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

Cropland and Pasture Cash Rents 2009-2010

County and district	2009			2010		
	Non-irrigated	Irrigated	Pasture	Non-irrigated	Irrigated	Pasture
	Dollars per acre	*Dollars per acre*	*Dollars per acre*	*Dollars per acre*	*Dollars per acre*	*Dollars per acre*
Alger	(D)	-	(D)	(D)	-	-
Baraga	(D)	(D)	-	(D)	-	(D)
Chippewa	12.5	(D)	(D)	10.0	-	9.0
Delta	21.0	(D)	16.0	16.0	(D)	(D)
Iron	(D)	-	(D)	-	-	(D)
Keweenaw	-	-	-	-	-	-
Luce	(D)	-	-	(D)	-	-
Mackinac	(D)	-	(D)	-	-	(D)
Marquette	(D)	-	-	(D)	-	-
Menominee	17.5	-	16.0	13.0	-	16.0
Ontonagon	17.0	-	-	7.5	-	-
Schoolcraft	(D)	-	(D)	(D)	-	-
Other counties	17.5	(D)	16.0	11.0	(D)	13.0
Upper Peninsula	17.0	(D)	16.0	12.0	(D)	12.0
Antrim	19.5	-	27.0	18.0	-	21.0
Benzie	(D)	-	-	(D)	-	(D)
Charlevoix	20.0	-	(D)	19.0	-	(D)
Emmet	22.5	-	16.0	17.0	-	(D)
Grand Traverse	29.0	-	(D)	31.0	-	(D)
Kalkaska	-	(D)	-	(D)	(D)	(D)
Leelanau	30.5	-	(D)	40.0	(D)	-
Manistee	(D)	(D)	(D)	22.0	-	(D)
Missaukee	45.0	-	28.0	48.0	(D)	-
Wexford	27.0	-	(D)	16.0	-	-
Other counties	23.0	(D)	24.0	19.5	(D)	16.5
Northwest	31.0	(D)	24.0	32.5	(D)	17.5
Alcona	29.5	-	(D)	23.0	(D)	14.0
Alpena	24.5	-	23.0	24.5	-	(D)
Cheboygan	30.0	-	(D)	20.0	-	(D)
Crawford	-	-	-	-	-	-
Iosco	25.0	(D)	(D)	22.0	-	13.0
Montmorency	(D)	-	(D)	-	-	(D)
Ogemaw	32.0	-	22.0	25.5	(D)	(D)
Oscoda	(D)	-	(D)	-	-	-
Otsego	20.5	-	-	15.5	(D)	-
Presque Isle	30.5	(D)	(D)	26.5	(D)	20.0
Roscommon	-	-	-	-	-	-
Other counties	20.5	(D)	23.5	24.5	58.5	17.5
Northeast	27.0	(D)	23.5	24.0	58.5	16.5
Lake	(D)	-	(D)	-	-	-
Mason	40.0	(D)	(D)	45.5	(D)	(D)
Muskegon	(D)	(D)	(D)	(D)	-	-
Newaygo	51.0	90.0	35.0	43.0	85.0	25.0
Oceana	62.0	171.0	(D)	52.5	124.0	23.0
Other counties	56.5	87.5	25.0	59.5	90.0	21.5
West Central	52.0	99.0	26.5	50.0	99.5	23.0
Clare	33.0	-	44.0	30.0	-	(D)
Gladwin	41.5	-	25.0	46.5	-	(D)
Gratiot	116.0	158.0	33.5	105.0	158.0	24.0
Isabella	48.5	(D)	54.0	58.0	(D)	44.0
Mecosta	29.5	(D)	38.0	31.5	(D)	28.0
Midland	81.0	-	36.0	93.0	(D)	26.0
Montcalm	56.0	(D)	37.0	56.0	(D)	(D)
Osceola	28.0	(D)	26.0	27.0	(D)	20.0
Other counties		134.0			134.0	31.5
Central	75.0	137.0	34.0	69.0	137.0	26.0
Arenac	58.5	-	(D)	63.5	-	(D)
Bay	98.5	(D)	(D)	95.0	(D)	(D)
Huron	124.0	(D)	(D)	129.0	(D)	(D)
Saginaw	97.5	(D)	(D)	103.0	(D)	(D)
Sanilac	72.0	(D)	41.0	68.0	89.0	(D)
Tuscola	124.0	(D)	(D)	114.0	133.0	(D)
Other counties			44.0		91.5	34.5
East Central	101.0	(D)	43.0	98.0	114.0	34.5

Cropland and Pasture Cash Rents 2009-2010

County and district	2009			2010		
	Non-irrigated	Irrigated	Pasture	Non-irrigated	Irrigated	Pasture
	Dollars per acre	*Dollars per acre*	*Dollars per acre*	*Dollars per acre*	*Dollars per acre*	*Dollars per acre*
Allegan	105.0	199.0	39.0	93.0	(D)	29.0
Berrien	66.0	114.0	(D)	72.5	(D)	(D)
Cass	81.5	219.0	(D)	79.0	209.0	33.0
Kalamazoo	76.0	184.0	58.0	74.0	189.0	48.0
Kent	82.5	177.0	51.0	74.0	180.0	41.0
Ottawa	65.0	169.0	45.0	56.0	(D)	45.0
Van Buren	73.0	105.0	(D)	69.0	115.0	(D)
Other counties	(D)	(D)	43.5	(D)	168.0	38.5
Southwest	82.0	187.0	48.5	74.5	188.0	37.0
Barry	76.0	(D)	39.5	79.0	(D)	29.5
Branch	74.0	158.0	(D)	80.0	170.0	42.0
Calhoun	72.0	114.0	42.5	75.0	120.0	38.0
Clinton	101.0	(D)	(D)	97.0	(D)	(D)
Eaton	84.5	-	43.0	75.0	-	33.0
Hillsdale	91.5	116.0	48.0	94.0	126.0	(D)
Ingham	68.5	(D)	(D)	72.0	(D)	42.0
Ionia	85.5	(D)	42.0	87.5	(D)	42.0
Jackson	55.0	(D)	61.0	61.0	(D)	51.0
St Joseph	77.0	179.0	40.0	83.0	188.0	(D)
Shiawassee	63.0	-	48.0	61.0	-	(D)
Other counties		77.5	50.0		91.5	45.0
South Central	77.5	164.0	47.5	79.0	171.0	44.5
Genesee	56.0	(D)	(D)	(D)	-	(D)
Lapeer	52.5	(D)	41.0	56.0	(D)	31.0
Lenawee	108.0	(D)	(D)	105.0	(D)	(D)
Livingston	52.0	(D)	50.0	54.0	(D)	(D)
Macomb	51.0	(D)	(D)	55.0	(D)	(D)
Monroe	94.5	(D)	(D)	97.0	211.0	(D)
Oakland	(D)	(D)	(D)	(D)	(D)	(D)
St Clair	54.0	(D)	(D)	46.0	(D)	(D)
Washtenaw	68.0	(D)	(D)	58.0	145.0	(D)
Wayne	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	67.0		41.5	56.0	130.0	34.5
Southeast	66.5	(D)	43.5	70.0	150.0	34.0
Other Districts		119.0			63.0	
Michigan	76.0	150.0	34.0	75.0	160.0	30.0

(D) Withheld to avoid disclosing data for individual farms. County rates for unpublished counties are included in 'other counties' or 'other district' total.

Cattle: January 1, by county, 2010-2011

County	All cattle and calves		Milk cows	
	2010	2011	2010	2011
	Head	*Head*	*Head*	*Head*
Alcona	5,800	5,600	1,500	1,500
Alger	2,000	2,000	(D)	(D)
Allegan	46,500	46,500	19,700	20,500
Alpena	10,200	10,200	3,300	3,400
Antrim	3,800	3,800	500	500
Arenac	7,000	7,000	2,900	3,100
Baraga	(D)	(D)	(D)	(D)
Barry	26,500	26,500	13,800	13,800
Bay	5,400	5,400	1,800	1,800
Benzie	1,600	1,500	(D)	(D)
Berrien	4,600	4,500	1,400	1,500
Branch	12,500	12,600	3,400	3,600
Calhoun	13,000	13,100	4,100	4,200
Cass	5,200	5,400	(D)	(D)
Charlevoix	3,300	3,200	600	600
Cheboygan	6,800	6,600	1,000	1,000
Chippewa	7,500	7,200	1,000	1,000
Clare	11,500	11,500	2,500	2,500
Clinton	47,000	47,000	22,500	24,000
Crawford	(D)	(D)	(D)	(D)
Delta	8,600	8,400	1,700	1,800
Dickinson	2,200	2,100	600	600
Eaton	9,000	9,000	1,800	1,800
Emmet	4,600	4,600	600	600
Genesee	7,300	7,100	1,400	1,500
Gladwin	6,200	6,200	1,200	1,200
Grand Traverse	3,700	3,500	(D)	(D)
Gratiot	40,500	40,500	14,000	13,800
Hillsdale	25,000	24,500	10,300	8,800
Houghton	(D)	(D)	(D)	(D)
Huron	115,000	115,000	31,500	31,500
Ingham	17,500	17,200	5,900	6,000
Ionia	51,000	51,000	16,000	16,800
Iosco	8,800	8,700	2,000	2,000
Iron	1,200	1,200	(D)	(D)
Isabella	28,000	27,500	7,300	7,600
Jackson	19,000	18,800	3,900	4,000
Kalamazoo	11,100	11,000	(D)	(D)
Kalkaska	1,200	1,200	(D)	(D)
Kent	35,000	33,000	9,300	9,600
Keweenaw	(D)	(D)	(D)	(D)
Lake	1,700	1,700	(D)	(D)
Lapeer	17,000	17,000	3,600	3,700
Leelanau	2,800	2,700	(D)	(D)
Lenawee	32,000	31,000	10,800	11,100
Livingston	9,400	9,200	2,200	2,300
Mackinac	2,300	2,300	800	800
Macomb	3,700	3,800	700	700
Manistee	2,600	2,600	(D)	(D)
Marquette	2,200	2,300	700	700
Mason	8,800	8,800	2,300	2,400
Mecosta	14,500	14,500	4,500	4,600
Menominee	19,000	19,000	6,900	7,100
Midland	7,600	7,700	(D)	(D)
Missaukee	29,000	29,000	13,700	13,800
Monroe	4,300	4,300	(D)	(D)
Montcalm	29,000	28,500	9,300	9,600
Montmorency	3,100	2,900	600	600
Muskegon	16,200	15,800	6,200	6,300
Newaygo	23,500	23,500	13,200	13,700
Oceana	7,700	7,600	2,700	2,800
Ogemaw	15,000	15,000	5,900	6,000
Ontonagon	2,400	2,300	(D)	(D)
Osceola	19,800	19,500	5,800	6,000
Oscoda	3,800	3,600	800	800
Otsego	2,200	2,200	(D)	(D)
Ottawa	42,000	41,000	12,300	12,600
Presque Isle	5,700	5,600	1,400	1,400
Roscommon	(D)	(D)	(D)	(D)
Saginaw	9,800	9,600	2,500	2,600
St. Clair	11,500	11,300	1,300	1,300
St. Joseph	11,000	11,000	(D)	(D)
Sanilac	59,000	59,000	22,000	22,500
Schoolcraft	1,200	1,200	(D)	(D)
Shiawassee	16,000	16,100	5,100	5,200
Tuscola	18,500	18,500	5,100	5,000
Van Buren	11,000	11,000	(D)	(D)
Washtenaw	11,500	11,300	2,900	3,000
Wayne	(D)	(D)	(D)	(D)
Wexford	3,500	3,200	700	700
Other counties	4,600	4,300	22,500	23,100
Michigan	1,100,000	1,090,000	354,000	361,000

(D) Withheld to avoid disclosing data for individual farms. County inventories for unpublished counties are included in 'other counties' total.

Useful Agriculture Internet Sites

State and Federal Agencies

AMS-Agricultural Marketing Service, Market News	www.ams.usda.gov/AMSv1.0/marketnews
APHIS-Animal and Plant Health Inspection Service	www.aphis.usda.gov
ERS-Economic Research Service	www.ers.usda.gov
FSA-Farm Service Agency	www.fsa.usda.gov
MDA-Michigan Department of Agriculture	www.michigan.gov/mdard
MSU Extension	www.msue.msu.edu
MSU AgBio Research	www.agbioresearch.msu.edu
MSU College of Agriculture & Natural Resources	www.canr.msu.edu
NASS-National Agricultural Statistics Service	www.nass.usda.gov
NRCS-Natural Resources Conservation Service	www.nrcs.usda.gov
RD-Rural Development	www.rurdev.usda.gov
USDA-United States Department of Agriculture	www.usda.gov
USDA, NASS, Michigan Field Office	www.nass.usda.gov

Commodity Groups

Apples-Michigan Apple Committee	www.michiganapples.com
Asparagus-Michigan Asparagus Advisory Board	www.asparagus.com
Bison-Michigan Bison Association	www.michiganbison.com
Blueberries-The Blueberry People	www.blueberries.com
Cattle-Michigan Beef Industry Commission	www.mibeef.org
Celery-Michigan Celery Promotion Cooperative, Inc.	www.michigancelery.com
Cherries-Cherry Industry Administrative Board (CIAB)	www.cherryboard.org
Cherries-Cherry Marketing Institute	www.choosecherries.com
Christmas Trees-Michigan Christmas Tree Association	www.mcta.org
Corn-Michigan Corn Growers Association	www.micorn.org
Dairy-Michigan Milk Producers Association	www.mimilk.com
Dairy-United Dairy Industry of MI	www.udim.org
Dry Beans-Michigan Bean Commission	www.michiganbean.org
Dry Beans-Michigan Agri-Business Association (MABA)	www.miagbiz.org
Equine-Michigan Equine Partnership	www.miequine.com
Floriculture-Michigan Floral Association	www.michiganfloral.org
Floriculture-Michigan Floriculture Growers Council	www.mifgc.org
Grapes-Michigan Grape and Wine Industry Council	www.michiganwines.com
Horses-Michigan Horse Council	www.michiganhorsecouncil.com
Nursery-Michigan Nursery & Landscape Association (MNLA)	www.mnla.org
Peaches-Michigan Peach Sponsors	www.michiganpeach.org
Pork-National Pork Producers Council (NPPC)	www.nppc.org
Potatoes-Michigan Potato Industry Commission	www.mipotato.com
Soybeans-Michigan Soybean Promotion Committee (MSPC)	www.michigansoybean.org
Turfgrass-Michigan Turfgrass Foundation (MTF)	www.michiganturfgrass.org
Turkeys-Michigan Turkey Producers Co-op, Inc.	www.miturkey.com

Other Related Sites

American Farm Bureau Federation	www.fb.org
GreenStone Farm Credit Services	www.greenstonefcs.com
Michigan Equine Partnership	www.miequine.com
Michigan Farm Bureau	www.michiganfarmbureau.com
Michigan Farm Market & Agricultural Tourism (MIFMAT)	www.michiganfarmfun.com
Michigan Food and Farming Systems (MIFFS)	www.miffs.org
Michigan Market Maker	www.mimarketmaker.msu.edu or http://mi.marktemaker.uiuc.edu
MSU Agriculture Weather Office	www.agweather.geo.msu.edu

INTERNET ACCESS

Reports, data products, and services published by the USDA, NASS, Michigan Field Office, Michigan Department of Agriculture, and National Agricultural Statistics Service of the United States Department of Agriculture are available on the Worldwide Web. There is no charge for connecting to these Internet addresses:

USDA, NASS, Michigan Field Office

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National Agricultural Statistics Service (NASS)

NASS home page at: **www.nass.usda.gov**

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