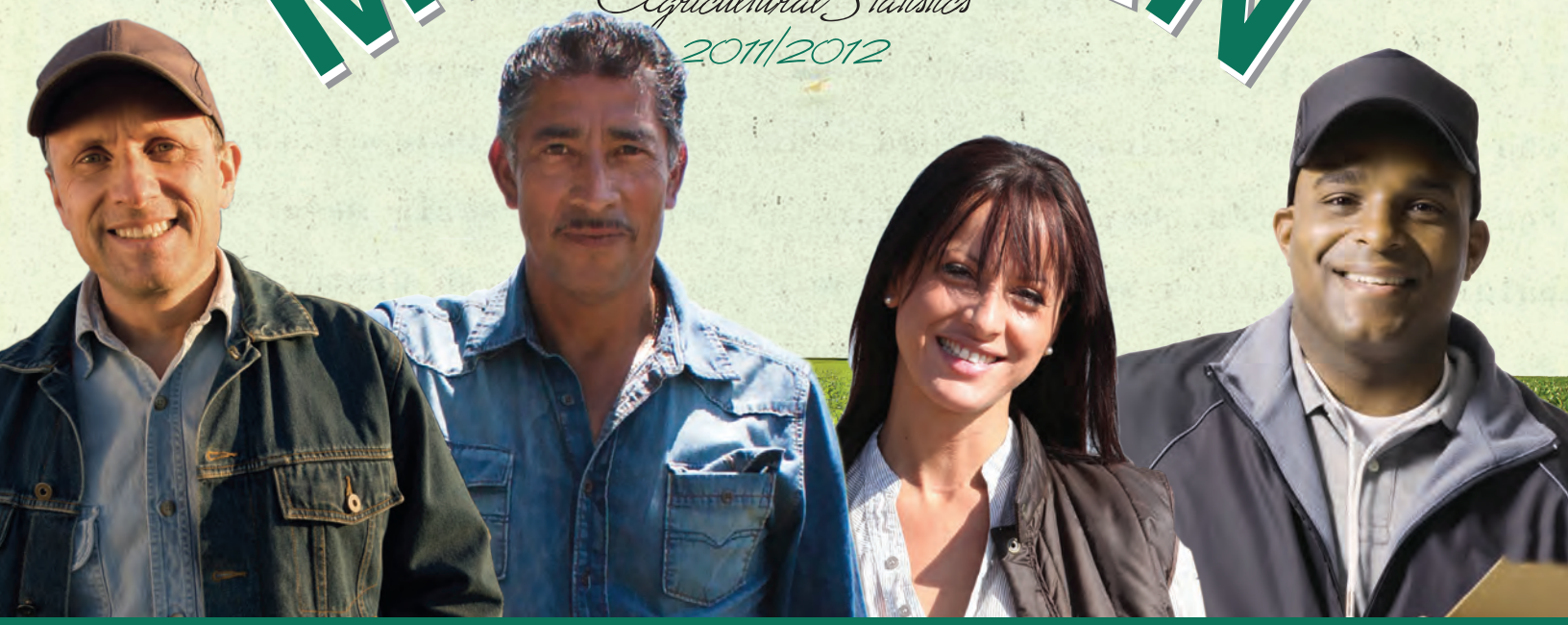
MICHIGAN

Agricultural Statistics

2011/2012



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF AGRICULTURE
AND RURAL DEVELOPMENT

JAMIE CLOVER ADAMS
DIRECTOR

September 2012

As the Michigan Department of Agriculture and Rural Development (MDARD) director, my passion is to continue planting the seeds of entrepreneurship, encourage opportunities for rural development, and watch the state's food and agriculture system continue to grow.

This year, the Michigan State University Product Center announced that Michigan's food and agriculture system grew by about $20 billion since 2009, generating $91.4 billion in economic activity each year. This industry has been a shining star in an otherwise challenged economy. It grew when others were not.

I am proud of the role MDARD plays in ensuring a strong, viable and safe food system as well as helping to identify new opportunities for our talented workforce within the food and agriculture industry. Whether it be a beginning farmer, a food scientist, a microbiologist, or a veterinarian, there are tremendous career opportunities right here in Michigan.

Did you know that Michigan produces more than 200 commodities on a commercial basis, making us second only to California in agricultural diversity? In 2010, our annual agricultural exports generated nearly $1.75 billion – of which 60 percent goes directly to Canada. Further, our state leads the nation in the production of 18 commodities and ranks in the top 10 of 30 other commodities.

Additionally, Michigan is home to 10 million acres of farmland and 56,000 farms. More than 33 percent of the state's total farmland is in some form of preservation agreement.

It is an exciting time for our producers, ag-based businesses, and budding entrepreneurs. Michigan's food and agriculture system is poised to be a vital leader in the reinvention of our state. 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.

Regards,

Jamie Clover Adams

Jamie Clover Adams
Director

Michigan State University
AgBioResearch

MICHIGAN STATE UNIVERSITY EXTENSION

COLLEGE OF
AGRICULTURE & NATURAL RESOURCES

DATE: September 2012

TO: Jay Johnson
USDA – National Agricultural Statistics

FROM: Stephen B. Lovejoy
Associate Director
MSU Extension

Douglas Buhler
Associate Director
Michigan Agricultural
AgBioResearch
& Associate Dean for Research
for CANR

Steve Hanson, Chair
Department of Agricultural Food & Resource Economics
College of Agriculture and Natural Resources

RE: NASS 2011-2012 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 2011-2012 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 and Rural Development

September 2012

The US Department of Agriculture's (USDA) National Agricultural Statistics Service's (NASS) – Michigan Field Office is pleased to present the 2011-2012 edition of *Michigan Agricultural Statistics*. This publication, which is also available on our web site, is a compilation of the many statistical reports published over the past year that highlight Michigan's diverse agriculture sector.

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, agri-businesses, commodity groups, and countless others who have given their valuable time to provide the information that serve as a basis for these data. Their responses are through the Internet, mail, via telephone, and face-to-face interviews.

Special thanks also go to the office staff and the core of National Association of State Department of Agriculture enumerators for their outstanding work in collecting and providing timely and accurate data. Without their dedication to Michigan agriculture, we would be unable to successfully provide these many data.

The cover of this publication is motivated by the 2012 Census of Agriculture. The Census of Agriculture is only conducted every 5 years, but is critical for a state like Michigan to not only document its many agricultural commodities, but its diverse makeup of agricultural producers. Each producers response, combined with those of their fellow agricultural producers across the country, provide the only source of uniform, comprehensive agricultural data for every county in the nation. These data are used by communities and organizations throughout the nation to plan for the future and compete for valuable resources. Using past Census of Agriculture data, Michigan has experienced many recent successes of securing limited national resources to fund agriculture research to help support, educate, and grow this vital sector of the state's economy. The 2012 Census of Agriculture will be mailed in December 2012. We look forward to the support of the state's producers to help document the successes and diversity of Michigan agriculture.

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 web site 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, 2011

Rank	Item	Unit	Quantity	Percent of U.S.	Leading state
			Thousands	*Percent*	
1	Beans, dry, black	Cwt	1,602	53.1	Michigan
	Beans, dry, cranberry	Cwt	51	86.4	Michigan
	Beans, dry, small red	Cwt	351	47.6	Michigan
	Begonias	Baskets	502	30.9	Michigan
	Begonias	Flats	804	20.2	Michigan
	Blueberries	Pounds	72,000	16.6	Michigan
	Cherries, tart	Pounds	157,500	68.0	Michigan
	Cucumbers for pickles	Tons	177	36.7	Michigan
	Easter Lilies	Pots	1,021	20.1	Michigan
	Geraniums, from seed	Pots	17,317	68.4	Michigan
	Geraniums, vegetative cuttings	Baskets	802	22.5	Michigan
	Grapes, Niagara	Tons	31	39.7	Michigan
	Ice Cream Mix, low fat	Gallons	25,911	10.9	Michigan
	Impatiens, New Guinea	Baskets	483	19.7	Michigan
	Impatiens, other	Baskets	505	21.2	Michigan
	Impatiens, other	Flats	2,011	24.1	Michigan
	Petunias	Baskets	1,176	23.3	Michigan
	Petunias	Flats	1,454	20.1	Michigan
2	Beans, dry, all	Cwt	3,360	16.9	North Dakota
	Beans dry, navy	Cwt	1,040	32.0	North Dakota
	Carrots (fresh market)	Cwt	468	2.1	California
	Celery	Cwt	882	4.6	California
	Geraniums, from seed	Baskets	36	10.7	Ohio
	Geraniums, from seed	Flats	52	15.7	Ohio
	Hostas	Pots	1,473	17.0	South Carolina
	Impatiens, New Guinea	Flats	41	21.6	California
	Impatiens, New Guinea	Pots	2,266	16.8	Florida
	Marigolds	Flats	723	18.6	California
	Other Flowering and Foliar	Baskets	2,213	17.3	North Carolina
	Pansies/Violas	Baskets	96	10.2	North Carolina
	Squash	Cwt	1,216	16.4	Florida
	Vegetable type bedding plants	Flats	764	15.0	California
	Vegetable type bedding plants	Pots	6,620	13.9	California
3	Apples	Pounds	985,000	10.5	Washington
	Asparagus	Cwt	216	25.7	California
	Beans, dry, light red kidney	Cwt	137	21.5	Minnesota
	Beans, snap (processing)	Tons	52.6	7.7	Wisconsin
	Chrysanthemums, hardy/garden	Pots	5,828	12.0	California
	Geraniums, from vegetative cuttings	Pots	3,332	9.8	California
	Other Flowering and Foliar	Flats	3,270	18.3	California
	Other Flowering and Foliar	Pots	20,629	12.7	California
	Petunias	Pots	3,392	12.5	Florida
4	Beans, dry, dark red kidney	Cwt	27	3.4	Minnesota
	Cherries, sweet	Tons	18.6	5.6	Washington
	Cucumbers (fresh market)	Cwt	703	9.9	Florida
	Grapes	Tons	94.4	1.3	California
	Grapes, Concord	Tons	55.1	13.2	Washington
	Other herbaceous perennials	Pots	11,690	8.0	Florida
	Pansies/Violas	Flats	630	8.7	Texas
	Sugarbeets	Tons	3,672	12.8	Minnesota
	Tomatoes (processing)	Tons	105	0.8	California
5	Plums	Tons	1.4	0.8	California
	Pumpkins	Cwt	986	9.2	Illinois
6	Peaches	Tons	16.6	1.6	California
7	Beans, snap (fresh market)	Cwt	160	3.0	Florida
	Maple syrup	Gallons	123	6.4	Vermont
8	All haylage and greenchop	Tons	1,863	5.8	Wisconsin
	Milk	Pounds	8,478	4.3	California
	Potatoes	Cwt	15,180	3.6	Idaho
9	Egg Production	Eggs	2,989,000	3.3	Iowa
	Oats	Bushels	1,920	3.6	Wisconsin
	Tomatoes (fresh market)	Cwt	440	1.4	California
10	Cabbage (fresh market)	Cwt	759	3.6	California
11	Corn for grain	Bushels	335,070	2.7	Iowa
12	Soybeans	Bushels	85,360	2.8	Iowa
	Wheat, winter	Bushels	51,000	2.8	Kansas
13	Hogs, as of Dec. 1, 2011	Head	1,040	1.6	Iowa
18	Cash receipts	Dollars	8,046,347	2.1	California
22	Hay, all, dry	Tons	2,750	2.1	South Dakota
28	Cattle, as of Jan. 1, 2012	Head	1,110	1.2	Texas

Number of farms and land in farms by economic sales class, 2007-2011 [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*	
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	
2011	32.3	14.0	3.7	2.2	2.7	54.9	
	Million acres	*Million acres*	*Million acres*	*Million acres*	*Million acres*	*Million acres*	*Acres*
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
2011	1.65	1.80	1.35	1.50	3.70	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, 2008-2012

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*
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	3,600	90	2,500
2012	4,250	4,000	108	2,500

Farm Income

Net farm income in 2011 was $3.35 billion. That includes $156.6 million of government payments. The total agriculture output was $9.03 billion dollars, up 22.6 percent from 2010. Production expenses were $5.84 billion in 2011, up 5.8 percent from the previous year.

Preliminary cash receipts from 2011 marketings of Michigan crops, livestock and livestock products totaled $8.05 billion, up 21.3 percent from 2010. Michigan ranked 18 nationally in total cash receipts.

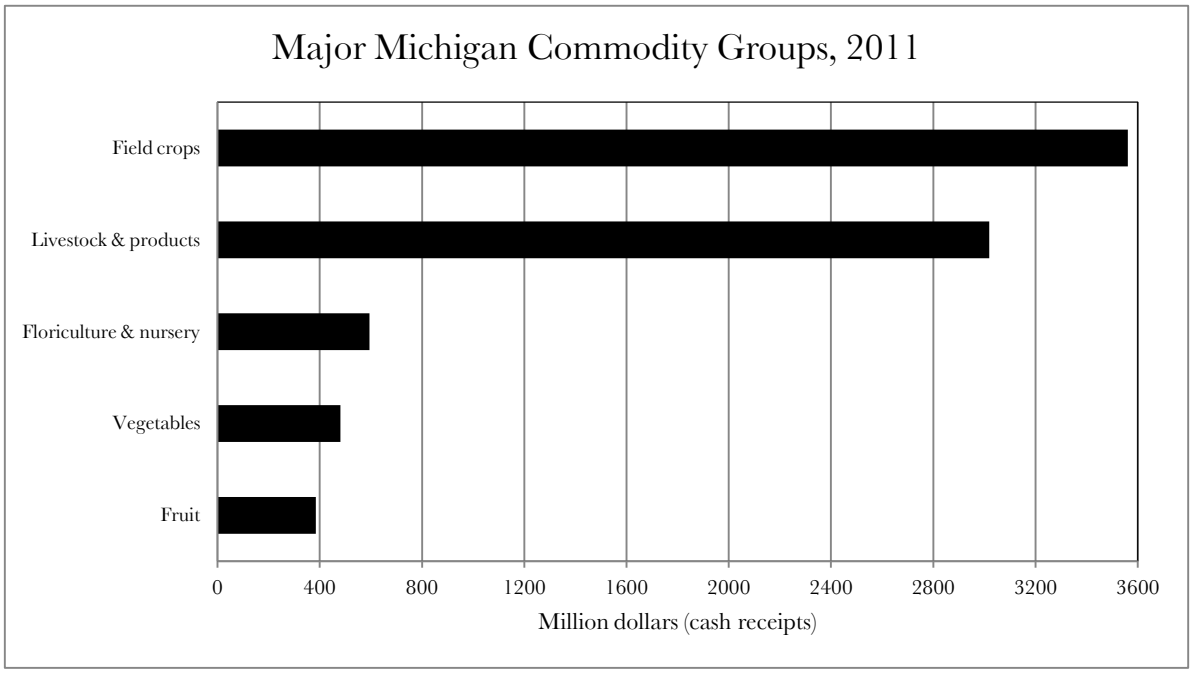
Crop receipts, $5.03 billion, were up 20.8 percent from 2010. Livestock cash receipts were up 22.3 percent from a year earlier to $3.02 billion.

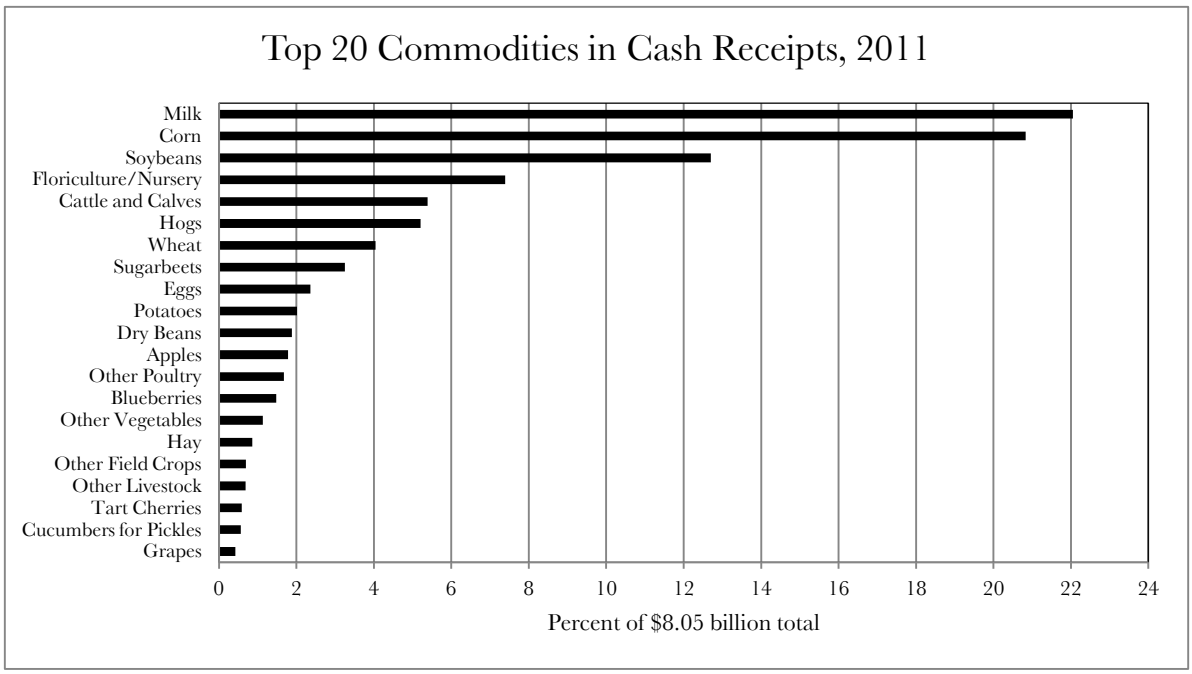
In 2011, the top ten Michigan commodities ranked by cash receipts were milk, corn, soybeans, floriculture and nursery, cattle and calves, hogs, wheat, sugarbeets, eggs and potatoes.

Government payments, 2007-2011 [1]

Program	2007	2008	2009	2010	2011
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Conservation programs	45,926	49,047	43,590	61,278	58,709
Direct payments	86,970	86,691	79,012	80,974	78,996
Counter-cyclical payments	179	2	-24	-2	-2
Loan deficiency payments	64	13	49	-183	54
Miscellaneous programs	-63	47	0	-105	-62
Ad Hoc and emergency programs	3,300	30,540	16,169	36,416	18,484
Milk income loss payments	3,868	2	40,828	2,496	18
ACRE	0	0	0	3,724	376
Total	140,244	166,342	179,624	184,598	156,573

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


Major Michigan Commodity Groups, 2011
Field crops
Livestock & products
Floriculture & nursery
Vegetables
Fruit
0
400
800
1200
1600
2000
2400
2800
3200
3600
Million dollars (cash receipts)


Top 20 Commodities in Cash Receipts, 2011
Milk
Corn
Soybeans
Floriculture/Nursery
Cattle and Calves
Hogs
Wheat
Sugarbeets
Eggs
Potatoes
Dry Beans
Apples
Other Poultry
Blueberries
Other Vegetables
Hay
Other Field Crops
Other Livestock
Tart Cherries
Cucumbers for Pickles
Grapes
0
2
4
6
8
10
12
14
16
18
20
22
24
Percent of $8.05 billion total

Value added to the economy by the Michigan agricultural sector 2007-2011 [1]

Item [2]	2007	2008	2009	2010	2011
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
Value of crop production	3,325	4,091.5	3,832.2	4,057.9	5,027.7
Food grains	188.2	275.2	177.9	211.8	327.8
Feed crops	879.5	1,314.7	1,007.6	1,232.4	1,747.3
Oil crops	628.7	716	777.8	874.7	1,021.9
Fruits and tree nuts	419.5	380.8	327.9	329	384.8
Vegetables, potatoes, dry beans	487.8	563.3	571.1	561.2	632.5
All other crops	849.3	827.7	866.4	953.7	913.2
Home consumption	1.7	2.1	1.2	1.3	1.6
Value of inventory adjustment [3]	-129.9	11.7	102.3	-106.2	-1.4
Value of livestock production	2,431.5	2,546.9	1,953.3	2,464.7	3,050
Meat animals	580.5	640.1	522.2	705.9	852.8
Dairy products	1,497.2	1,485.7	1,064	1,412	1,774.3
Poultry and eggs	256.4	339.7	260.5	291.1	324.7
Miscellaneous livestock	66.9	62.8	58.3	60.1	67
Home consumption	16	19.2	10.1	9.3	8.6
Value of inventory adjustment [3]	14.5	-0.6	38.2	-13.7	22.6
Revenues from services and forestry	855.2	1,032.5	910.9	842.6	952
Machine hire and custom work	35.5	28.2	51.4	39.1	118
Forest products sold	14	14	14	14	14
Other farm income	191.8	327.5	285.3	209	211.7
Gross imputed rental value-farm dwellings	613.9	662.8	560.2	580.5	608.3
Value of agricultural sector production	6,611.5	7,670.9	6,696.4	7,365.2	9,029.6
less: Purchased inputs	3,443.2	3,739.8	3,420.4	3,436.7	3,637.7
Farm origin	1,147.1	1,235.3	1,202	1,242.7	1,370.7
Feed purchased	727.3	696.8	665.3	693	688.6
Livestock and poultry purchased	73.4	76.6	51.8	60.2	72.4
Seed purchased	346.4	461.9	484.9	489.6	609.6
Manufactured inputs	1,062.7	1,321.7	1,169	1,137.7	1,274.8
Fertilizers and lime	448	607.3	522.2	560.9	557
Pesticides	241.5	279.4	265.2	222.6	265.2
Petroleum fuel and oils	297.5	357.1	290.1	274.8	352.1
Electricity	75.8	77.9	91.4	79.5	100.6
Other purchased inputs	1,233.4	1,182.9	1,049.4	1,056.3	992.2
Repair and maintenance of capital items	316.3	349.9	373.9	344.8	349.4
Machine hire and custom work	88.3	86.3	98	107.9	66.8
Marketing, storage, and transp. expenses	164.4	160.5	149.6	146.5	142.4
Contract labor	26.4	15	19.7	32.9	10.6
Miscellaneous expenses	638.1	571.1	408.2	424.1	423
plus: Net government transactions	-116.3	-89.3	-92.2	-84.7	-122.2
plus: Direct Government payments	140.2	166.3	179.6	184.6	156.6
less: Motor vehicle reg. and licensing fees	10.9	9.3	11.8	9.2	9.1
less: Property taxes	245.6	246.4	260.1	260.1	269.7
Gross value added	3,052.1	3,841.7	3,183.8	3,843.8	5,269.7
less: Capital consumption	784.4	829.4	873	892.5	937
Net value added	2,267.6	3,012.2	2,310.8	2,951.3	4,332.7
less: Payments to stakeholders	1,052.4	985.5	1,018.4	918.2	984.8
Employee compensation (total hired labor)	749.6	681.1	657.1	527.7	624.7
Net rent received by nonoperator landlords	33.6	47.6	96	132.6	115.7
Real estate and nonreal estate interest	269.3	256.8	265.4	257.9	244.5
Net farm income	1,215.2	2,026.7	1,292.4	2,033	3,347.9

[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 2007-2011 [1]

Item	2007	2008	2009	2010	2011
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Total cash receipts	5,836,719	6,551,769	5,633,684	6,631,870	8,046,347
Total livestock and products	2,400,533	2,529,030	1,904,995	2,469,057	3,018,861
Meat animals	580,497	638,992	522,239	705,898	852,808
Cattle and calves	343,331	384,942	288,581	380,753	433,660
Hogs	233,132	249,776	229,505	319,388	419,148
Sheep and lambs	4,034	4,274	4,153	5,757	([2])
Dairy (milk)	1,497,200	1,485,696	1,063,960	1,412,020	1,774,290
Poultry and eggs	256,397	339,972	260,460	291,064	324,733
Eggs	155,371	211,524	149,883	162,789	189,998
Turkeys	88,210	([3])	([3])	([3])	([3])
Other	12,816	128,448	110,577	128,275	134,735
Miscellaneous livestock	66,439	64,370	58,336	60,075	67,030
Honey	5,484	7,464	6,138	6,877	8,335
Mink pelts	2,640	3,456	1,835	2,949	3,317
Other	58,315	53,450	50,363	50,249	55,378
Total crops	3,436,186	4,022,739	3,728,689	4,162,813	5,027,486
Field crops	1,960,266	2,572,883	2,333,757	2,742,667	3,561,632
Corn	802,910	1,149,888	929,310	1,152,646	1,675,875
Dry beans	97,168	140,245	118,364	100,237	151,231
Hay	61,809	111,713	74,428	76,470	69,117
Soybeans	624,176	703,787	777,778	874,692	1,021,940
Sugarbeets	125,532	171,732	201,734	272,509	261,814
Wheat	186,547	236,382	175,445	209,917	325,565
Other [4]	62,124	59,136	56,698	56,196	56,090
Vegetables	386,547	437,208	452,688	460,994	481,250
Asparagus	16,092	18,516	16,553	13,948	17,322
Beans, snap	18,465	15,978	20,540	21,338	23,536
Carrots, fresh	10,428	12,806	12,652	10,925	7,628
Celery	12,334	14,705	14,898	17,880	12,958
Corn, sweet	14,652	16,991	23,624	23,218	20,539
Cucumbers, fresh	15,358	14,117	18,586	20,498	16,169
Cucumbers, pickles	42,665	41,602	49,010	49,600	45,125
Onions	12,310	10,825	13,474	13,684	12,415
Peppers, green, fresh	12,870	12,000	11,520	12,144	12,636
Potatoes	100,227	137,934	134,986	137,869	162,182
Pumpkins	8,556	15,283	10,318	13,804	16,762
Squash	13,538	12,144	11,739	12,144	25,536
Tomatoes, fresh	24,794	24,570	21,000	21,600	17,600
Other	84,258	89,737	93,788	92,342	90,842
Fruit	418,909	374,843	327,924	328,998	384,752
Apples	128,179	128,033	122,094	119,777	143,286
Blueberries	165,456	124,000	101,850	134,300	118,700
Grapes	28,044	22,359	26,712	15,373	34,128
Peaches	16,298	9,052	12,075	12,731	11,995
Strawberries	5,028	5,846	6,615	4,089	4,826
Sweet cherries	17,709	16,144	13,666	9,765	18,042
Tart cherries	50,905	63,030	37,981	27,260	47,210
Other	7,290	6,379	6,931	5,703	6,565
Miscellaneous crops	2,704	4,305	5,175	3,690	5,387
Floriculture and nursery	667,760	633,500	609,145	626,463	594,465

[1] Source: U.S. Department of Agriculture, Economic Research Service.
[2] Estimate discontinued starting in 2011
[3] Not published to avoid disclosure of individual operations.
[4] Includes Barley, Oats, Mint, Rye, and all other miscellaneous crops.

Corn production costs and returns, excluding direct Government payments, 2010-2011

Item	United States		Northern Crescent [1]	
	2010	2011	2010	2011
	Dollars per planted acre	*Dollars per planted acre*	*Dollars per planted acre*	*Dollars per planted acre*
Gross value of production	639.13	792.20	564.55	697.43
Operating costs				
Seed	83.22	86.16	85.07	88.04
Fertilizer [2]	101.03	132.83	114.95	151.05
Chemicals	26.86	26.83	23.80	23.80
Custom operations	12.16	12.38	14.99	15.27
Fuel, lube, and electricity	37.74	44.48	36.58	43.73
Repairs	16.14	16.61	16.20	16.70
Purchased irrigation water	0.15	0.15	0.02	0.02
Interest on operating capital	0.27	0.16	0.29	0.17
Total, operating costs	277.57	319.60	291.90	338.78
Allocated overhead				
Hired labor	2.48	2.46	3.52	3.50
Opportunity cost of unpaid labor	26.34	26.25	36.99	36.80
Capital recovery of machinery and equipment	86.03	88.17	82.23	84.33
Opportunity cost of land (rental rate)	127.28	137.09	107.85	116.28
Taxes and insurance	8.39	8.83	11.46	12.06
General farm overhead	14.81	15.28	20.31	20.94
Total, allocated overhead	265.33	278.08	262.36	273.91
Total, costs listed	542.90	597.68	554.26	612.69
Value of production less total costs listed	96.23	194.52	10.29	84.74
Value of production less operating costs	361.56	472.60	272.65	358.65
Supporting information				
Yield (bushels per planted acre)	145	138	126	121
Price (dollars per bushel at harvest)	4.40	5.73	4.46	5.73
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, 2010-2011

Item	United States		Northern Crescent [1]	
	2010	2011	2010	2011
	Dollars per planted acre	*Dollars per planted acre*	*Dollars per planted acre*	*Dollars per planted acre*
Gross value of production	449.32	525.36	468.00	559.80
Operating costs				
Seed	59.20	56.58	62.26	59.62
Fertilizer [2]	17.87	23.55	26.02	34.48
Chemicals	17.04	16.71	16.11	15.82
Custom operations	7.23	6.62	9.46	8.70
Fuel, lube, and electricity	16.81	21.26	14.79	18.81
Repairs	13.46	13.91	11.62	12.06
Purchased irrigation water	0.16	0.14	0.00	0.00
Interest on operating capital	0.13	0.07	0.14	0.07
Total, operating costs	131.89	138.84	140.40	149.56
Allocated overhead				
Hired labor	2.11	2.12	1.29	1.31
Opportunity cost of unpaid labor	17.33	17.45	18.47	18.66
Capital recovery of machinery and equipment	78.18	81.73	66.95	70.15
Opportunity cost of land (rental rate)	126.00	136.01	103.92	112.04
Taxes and insurance	9.41	10.08	11.68	12.53
General farm overhead	14.86	15.39	19.16	19.87
Total, allocated overhead	247.89	262.77	221.47	234.56
Total, costs listed	379.79	401.61	361.87	384.12
Value of production less total costs listed	69.53	123.75	106.13	175.68
Value of production less operating costs	317.43	386.52	327.60	410.24
Supporting information				
Yield (bushels per planted acre)	47	44	48	45
Price (dollars per bushel at harvest)	9.56	11.94	9.75	12.44
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, 2007-2011

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*
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
2011	66.20	NA	NA	NA	NA	NA	NA	21.00	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.

Milk and milk cow replacement prices received by farmers, 2011-2012

Month	Milk cows per head [1]	All milk wholesale per cwt
	Dollars	*Dollars*
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		23.20
September		22.60
October	1,600	21.10
November		21.00
December		20.60
2012		
January	1,600	19.80
February		18.50
March		17.90
April	1,600	17.30
May		16.90
June		
July		
August		
September		
October		
November		
December		

[1] Sold for dairy herd replacement only. Prices published January, April, July, and October.

Dry edible beans: Percent of sales by month, 2006-2011

Month	2006-07	2007-08	2008-09	2009-10	2010-11
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
September	25	18	25	27	23
October	23	28	38	29	18
November	9	13	6	10	12
December	3	6	3	8	3
January	4	4	4	7	2
February	2	3	4	3	6
March	2	3	2	1	3
April	3	3	1	1	5
May	2	3	1	1	3
June	25	2	2	2	5
July	1	1	1	0	1
August	1	16	13	11	19

Corn: Percent of sales by month, 2006-2011

Month	2006-07	2007-08	2008-09	2009-10	2010-11
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
October	11	14	9	5	21
November	25	16	16	16	11
December	11	9	10	13	9
January	13	11	10	11	14
February	7	7	7	6	8
March	4	6	8	6	8
April	5	8	7	6	8
May	4	5	9	6	5
June	6	7	7	8	5
July	5	7	5	9	4
August	4	4	6	6	4
September	5	6	6	8	3

Hay: Percent of sales by month, 2006-2011

Month	2006-07	2007-08	2008-09	2009-10	2010-11
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
June	14	15	14	13	14
July	15	13	16	10	15
August	13	12	13	11	11
September	13	8	11	8	7
October	13	6	10	8	7
November	5	6	5	6	8
December	5	8	5	8	8
January	5	8	6	6	7
February	5	7	6	7	8
March	4	6	5	7	7
April	4	6	5	8	4
May	4	5	4	8	4

Oats: Percent of sales by month, 2006-2011

Month	2006-07	2007-08	2008-09	2009-10	2010-11
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
July	13	17	2	2	26
August	43	40	53	47	52
September	7	10	8	26	4
October	5	4	2	5	2
November	1	2	1	2	2
December	5	4	2	1	3
January	6	5	5	3	3
February	5	1	3	3	1
March	8	2	4	5	4
April	3	4	5	1	1
May	1	1	4	2	1
June	3	10	11	3	1

Soybeans: Percent of sales by month, 2006-2011

Month	2006-07	2007-08	2008-09	2009-10	2010-11
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
September	4	6	6	1	13
October	24	32	34	33	41
November	19	13	9	24	8
December	7	7	7	7	6
January	11	11	11	11	11
February	7	8	5	5	5
March	5	5	7	4	4
April	4	5	10	4	3
May	5	4	4	2	2
June	7	4	4	4	3
July	4	3	2	3	2
August	3	2	1	2	2

Wheat: Percent of sales by month, 2006-2011

Month	2006-07	2007-08	2008-09	2009-10	2010-11
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
July	53	75	47	31	69
August	16	14	26	27	15
September	7	4	5	11	5
October	7	1	1	8	1
November	1	1	1	3	1
December	2	2	2	2	1
January	4	1	3	7	4
February	2	1	2	2	2
March	3	0	4	2	1
April	2	1	3	2	1
May	1	0	4	2	0
June	2	0	2	3	0

Crops: Marketing year average prices received by farmers, 2007-2011 [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*
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	5.56	5.72	2.45	11.10	31.60	10.90	99.50	108.00
2011	6.05	6.70	3.40	11.60	45.80	11.50	100.00	107.00

[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, 2010-2011 marketing years

2010-2011 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*
2010								
June								115.00
July		5.48	2.29				98.00	105.00
August		6.09	2.21				96.00	105.00
September		6.07	2.37	9.71	29.00	8.70	92.00	105.00
October	4.49	6.21	2.67	10.30	28.60	8.85	94.00	105.00
November	4.85	5.93	2.99	11.40	29.20	10.40	98.00	110.00
December	5.15	6.83	3.17	11.90	30.00	10.70	98.00	110.00
2011								
January	5.25	6.28	3.74	11.80	32.00	11.20	102.00	110.00
February	5.85	6.84	3.79	12.30	34.10	11.90	101.00	110.00
March	5.84	6.81	3.34	12.20	36.70	12.40	97.00	105.00
April	6.60	7.04	3.80	12.70	39.50	13.10	99.00	105.00
May	6.44	7.01	4.31	12.60	40.10	13.70	102.00	110.00
June	6.77	6.27	4.06	13.10	40.60		97.00	
July	6.82			13.20	42.70			
August	7.22			13.30		9.65		
September	6.71							
2011								
June								100.00
July		6.65	3.48				103.00	110.00
August		6.97	3.27				106.00	105.00
September		6.85	3.52	13.00	44.60	9.35	102.00	110.00
October	5.69	6.27	4.19	11.60	45.80	10.20	99.00	110.00
November	5.70	5.94	3.78	11.50	46.80	11.50	102.00	115.00
December	5.63	6.07		11.20	49.50	11.90	103.00	110.00
2012								
January	5.97	6.62	4.12	11.70	49.70	12.30	103.00	110.00
February	6.14	6.78		12.10	53.40	12.70	106.00	115.00
March	6.43	6.58	3.79	12.90	50.10	13.30	100.00	110.00
April	6.24	6.31	4.52	13.70	43.00	13.80	109.00	115.00
May	6.18	6.59	4.46	13.70	43.90		113.00	120.00
June	6.39	6.64		13.90	42.50		105.00	
July	7.63			15.50	43.10	11.20		
August								
September								

Prices paid by farmers, 2008-2012 [1]

Item	Unit	2008	2009	2010	2011	2012
		Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Dairy feed, 16% protein [2]	Ton	310	295	265	400	413
Hog concentrate, 38-42% protein [2]	Ton	493	473	405	549	563
Soybean meal, 44% protein [2]	Cwt	22.1	20.1	20.4	20.7	21.3
Gasoline, unleaded, bulk [2]	Gallon	3.267	1.985	2.844	3.562	3.804
Diesel fuel [2]	Gallon	3.613	1.688	2.565	3.537	3.657
Tractor, 110-129 hp [3]	Each	76,100	77,700	78,000	80,400	82,000
Tractor, 200-280 hp, 4-wd [3]	Each	176,000	195,000	198,000	216,000	223,000
Planter, row crop, 8-row [3]	Each	38,000	40,200	42,900	43,100	44,900
Grain drill, press, 23-25 openers [3]	Each	26,900	32,400	36,600	38,700	40,500
Combine, self-prop. w/ grain head, large cap. [3]	Each	230,000	253,000	257,000	275,000	295,000
Ammonium nitrate [4]	Ton	504	406	416	460	485
Muriate of potash 60-62% K_2O [4]	Ton	562	848	501	594	641
Superphosphate, 44-46% P_2O_5 [4]	Ton	779	555	465	536	582
Anhydrous ammonia [4]	Ton	769	787	520	776	812
Atrazine, 4#/gallon [3]	Gallon	15.3	20.8	18.9	17.3	17.8
Roundup, 4#/gallon EC [3]	Gallon	40.5	42.8	22.8	16.8	17.7
Harness, Surpass, 6.4-7#/gallon EC [3]	Gallon	71.7	75.5	70.3	69.6	72.7
2,4-D, 3.8#/gallon [3]	Gallon	17.2	19.3	18	18	19.2
Captan, 50% WP [3]	Pound	5.51	6.43	7.18	7.55	7.8
Ziram, 76% WP [3]	Pound	3.35	3.94	4.07	4.38	4.47
Guthion, 50% WP [3]	Pound	11.6	13.5	13.5	13.5	14.7
Imidan, Prolate, 50% WP [3]	Pound	8.92	10.2	10.2	11.2	12

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, 2007-2011

Year	All hired workers	Field workers	Field and livestock workers
	Dollars per hour	*Dollars per hour*	*Dollars per hour*
2007	10.87	10.12	10.01
2008 [1]	11.25	10.80	10.63
2009	11.22	10.82	10.57
2010	11.37	11.23	10.62
2011	11.40	11.09	10.78

[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 the calendar 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 51 percent of the State's agricultural exports. The total value of agricultural exports produced in Michigan in 2010 was estimated at $2.31 billion.

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

Commodity	Value	Percent of total	Rank in U.S.
	Million dollars	*Percent*	*Number*
Soybeans			
Corn	484.2	20.8	12
Dairy products	237.0	10.2	12
Livestock products	165.9	7.1	8
Vegetables and preparations	161.3	6.9	21
Fruit (fresh and processed)	149.0	6.4	5
Wheat and products	135.3	5.8	13
Sugar	130.4	5.6	6
Feeds and fodders	113.2	4.9	12
Vegetable oils	93.9	4.0	12
Oilmeal and cake	87.9	3.8	12
Vegetables (fresh and processed)	72.5	3.1	10
Potatoes	57.4	2.5	8
Poultry	38.8	1.7	24
Seeds (planting)	38.1	1.6	7
Hides and skins	16.9	0.7	28
Other	349.1	15.0	
Total	2,330.9	100.0	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.

Michigan agricultural exports: Top 10 destinations, 2010-2011 [1] [2]

Country	2010	2011
	Dollars	*Dollars*
Canada	246,946,351	305,529,141
Mexico	53,521,971	43,017,068
Japan	26,476,450	25,768,050
China	7,430,036	13,581,886
Italy	5,794,030	12,661,028
South Korea	5,279,332	4,361,072
Hong Kong	2,846,119	4,135,918
United Kingdom	3,827,919	2,849,563
Sweden	1,874,695	1,716,142
Spain	845,970	1,259,805
Others	21,067,908	14,040,631
Total	375,910,781	428,920,304

[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 2011 Fruit Chemical Use Survey conducted by USDA, NASS for 23 fruit crops in twelve states. Chemical use statistics for other states and pest management practices are available online at: www.nass.gov/Statistics_by_Subject/Environmental/

Apples: Agricultural chemical applications, 2011 [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	17	1.2	0.924	1.100	6,200
Diuron	12	1.1	1.723	1.875	7,600
Glyphosate iso. salt	23	1.4	0.989	1.363	10,600
Paraquat	7	1.1	0.604	0.652	1,500
Pendimethalin	4	1.0	1.914	1.914	2,800
Simazine	3	1.5	1.804	2.735	2,400
Terbacil	5	1.0	0.616	0.630	1,200
Insecticides					
Abamectin	34	1.1	0.013	0.014	200
Acetamiprid	30	1.7	0.122	0.203	2,100
Azinphos-methyl	60	1.8	0.718	1.300	26,600
Carbaryl	24	1.3	0.814	1.070	8,700
Chlorantraniliprole	42	1.8	0.070	0.125	1,800
Chlorpyrifos	67	1.1	1.128	1.247	28,300
Clofentezine	4	1.1	0.195	0.219	300
Clothianidin	19	1.6	0.095	0.152	1,000
Cyfluthrin	10	1.1	0.038	0.043	100
Emamectin benzoate	13	2.5	0.014	0.034	100
Esfenvalerate	28	1.5	0.038	0.058	600
Fenpropathrin	7	1.6	0.304	0.487	1,200
Fenpyroximate	10	1.1	0.093	0.099	300
Flubendiamide	14	1.5	0.133	0.195	900
Imidacloprid	42	1.5	0.089	0.132	1,900
Methomyl	3	1.2	0.695	0.836	800
Novaluron	13	1.4	0.126	0.177	800
Permethrin	4	1.0	0.150	0.153	200
Phosmet	34	2.7	1.568	4.166	48,400
Pyridaben	13	1.1	0.287	0.304	1,300
Pyriproxyfen	2	1.7	0.052	0.089	100
Spinetoram	35	1.6	0.040	0.063	800
Spinetoram-L	35	1.6	0.040	0.063	800
Thiacloprid	26	1.5	0.165	0.240	2,100
Thiamethoxam	29	1.4	0.070	0.097	1,000

See footnote(s) at end of table.

--continued

Apples: Agricultural chemical applications, 2011 [1] (continued)

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	Percent	*Number*	*Pounds per acre*	*Pounds per acre*	*Pounds*
Fungicides					
Basic copper sulfate	9	1.3	2.004	2.655	8,300
Boscalid	3	1.5	0.098	0.151	100
Calcium polysulfide	4	2.0	2.452	4.810	6,900
Captan	81	6.1	2.176	13.275	366,300
Chlorothalonil	1	3.4	4.895	16.774	7,000
Copper Chloride Hyd.	7	1.2	3.351	3.964	10,000
Copper hydroxide	13	1.4	2.432	3.289	14,900
Copper sulfate	3	1.5	3.844	5.873	5,100
Cyprodinil	31	2.3	0.168	0.389	4,000
Difenoconazole	38	2.3	0.102	0.238	3,100
Dodine	7	1.3	0.942	1.258	3,000
Fenarimol	3	3.1	0.048	0.149	200
Fenbuconazole	37	2.5	0.091	0.230	2,900
Kresoxim-methyl	14	1.8	0.135	0.240	1,200
Mancozeb	80	5.2	2.581	13.309	360,200
Metiram	4	4.1	3.291	13.357	19,000
Myclobutanil	26	2.8	0.104	0.294	2,600
Oxytetracycline Calc	19	1.6	0.352	0.563	3,600
Pyraclostrobin	3	1.5	0.050	0.077	100
Pyrimethanil	12	1.5	0.276	0.421	1,700
Streptomycin sulfate	35	1.6	0.283	0.455	5,400
Sulfur	19	4.1	4.019	16.530	104,200
Thiophanate-methyl	23	2.8	0.366	1.021	8,000
Trifloxystrobin	31	1.4	0.061	0.088	900
Ziram	39	1.9	3.556	6.704	88,200
Other chemicals					
Benzyladenine	9	1.1	0.035	0.040	100
Butenoic Acid Hydro	14	1.1	0.067	0.072	300
Gibberellins A4A7	4	1.7	0.032	0.056	100
Mineral Oil	21	1.2	9.592	11.569	81,000
NAA, Sodium	21	1.4	0.015	0.020	100
Prohexadione calcium	23	1.6	0.179	0.279	2,200
Spirodiclofen	8	1.1	0.227	0.249	700

[1] Bearing acres in 2011 were 38,000 acres.

Blueberries: Agricultural chemical applications, 2011 [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					
Diuron	20	1.1	1.426	1.567	5,900
Flumioxazin	3	1.0	0.243	0.243	100
Glufosinate-Ammonium	6	1.1	0.314	0.339	400
Glyphosate iso. salt	14	1.3	0.859	1.117	2,900
Hexazinone	3	1.0	1.050	1.056	600
Mesotrione	18	1.2	0.126	0.151	500
Norflurazon	10	1.1	1.309	1.432	2,700
Oryzalin	1	1.5	1.448	2.234	500
Paraquat	10	1.3	0.392	0.509	1,000
Sethoxydim	1	1.0	0.385	0.385	100
Simazine	11	1.3	2.001	2.610	5,100
Terbacil	16	1.2	0.704	0.869	2,500
Insecticides					
Acetamiprid	12	1.3	0.092	0.115	300
Azinphos-methyl	30	1.2	0.576	0.668	3,700
Carbaryl	7	1.5	1.529	2.343	3,100
Esfenvalerate	24	1.2	0.036	0.045	200
Fedpropathrin	5	1.6	0.248	0.397	400
Imidacloprid	33	1.4	0.081	0.117	700
Malathion	13	1.7	1.712	2.898	6,800
Methomyl	10	1.3	0.683	0.877	1,600
Methoxyfenozide	46	1.2	0.182	0.218	1,900
Phosmet	77	1.9	0.902	1.714	24,700
Zeta-Cypermethrin	48	1.9	0.026	0.049	400
Fungicides					
Azoxystrobin	13	1.5	0.197	0.291	700
Boscalid	45	1.4	0.301	0.435	3,700
Calcium polysulfide	17	1.1	2.647	2.869	9,100
Captan	33	1.8	2.034	3.689	23,000
Chlorothalonil	11	1.1	2.736	2.922	5,900
Copper Hydroxide	9	1.0	2.041	2.132	3,600
Cyprodinil	19	1.4	0.297	0.406	1,500
Fenbuconazole	66	1.9	0.104	0.202	2,500
Fludioxonil	19	1.4	0.198	0.271	1,000
Fosetyl-AL	14	1.1	4.023	4.461	11,700
Mono-Potassium Salt	5	1.4	1.457	2.087	1,900
Phosphorous Acid	6	1.1	1.435	1.582	1,900
Propiconazole	2	1.3	0.168	0.211	100
Pyraclostrobin	67	2.2	0.164	0.361	4,500
Ziram	46	1.5	2.594	3.850	32,800
Other					
Reynoutria Sachaline	17	2.1	0.112	0.239	700

[1] Bearing acres in 2011 for Michigan were 18,500 acres.

Cherries, sweet: Agricultural chemical applications, 2011 [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	22	1.0	0.845	0.847	1,200
Glyphosate iso. salt	21	1.1	1.192	1.354	1,800
Paraquat	16	1.0	0.832	0.833	900
Simazine	3	1.0	1.886	1.886	400
Insecticides					
Acetamiprid	6	1.2	0.114	0.142	100
Azinphos-methyl	55	1.3	0.660	0.859	3,100
Chlorpyrifos	9	1.0	1.101	1.138	700
Esfenvalerate	37	1.5	0.048	0.073	200
Flubendiamide	32	1.3	0.108	0.144	300
Imidacloprid	52	1.3	0.069	0.093	300
Permethrin	30	1.7	0.110	0.192	400
Phosmet	2	1.8	1.755	3.105	500
Fungicides					
Basic Copper Sulfate	9	1.5	2.267	3.378	1,900
Boscalid	44	1.5	0.195	0.290	800
Calcium polysulfide	18	2.7	3.550	9.608	11,300
Captan	58	2.1	1.825	3.803	14,400
Chlorothalonil	74	2.0	2.578	5.242	25,200
Copper hydroxide	3	1.1	3.090	3.426	700
Dodine	2	1.8	0.701	1.283	200
Fenbuconazole	82	2.5	0.226	0.557	3,000
Phosphorous Acid	8	1.3	1.062	1.409	700
Propiconazole	14	1.3	0.116	0.149	100
Pyraclostrobin	44	1.5	0.099	0.147	400
Sulfur	75	3.8	5.142	19.331	93,800
Tebuconazole	19	1.8	0.221	0.398	500
Trifloxystrobin	24	1.4	0.071	0.099	200
Ziram	48	1.6	3.160	5.169	16,100
Other chemicals					
Ethephon	72	1.0	0.470	0.490	2,300
Mineral Oil	4	1.0	36.268	36.828	9,500

[1] Bearing acres in 2011 for Michigan were 7,000 acres.

Cherries, tart: Agricultural chemical applications, 2011 [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					
Glyphosate iso. salt	31	1.1	0.997	1.079	8,900
Paraquat	8	1.1	0.683	0.744	1,600
Insecticides					
Carbaryl	2	1.0	1.708	1.717	800
Esfenvalerate	28	1.7	0.034	0.058	400
Flubendiamide	18	1.6	0.076	0.125	600
Imidacloprid	34	1.2	0.079	0.096	900
Lambda-cyhalothrin	4	2.0	0.025	0.052	100
Permethrin	11	1.8	0.114	0.203	600
Phosmet	44	1.6	1.303	2.096	24,600
Thiamethoxam	20	1.3	0.074	0.098	500
Fungicides					
Basic Copper Sulfate	3	1.9	0.933	1.819	1,500
Boscalid	45	1.6	0.182	0.289	3,500
Calcium polysulfide	7	2.6	1.286	3.296	5,900
Captan	51	2.2	1.627	3.615	48,900
Chlorothalonil	73	3.0	2.236	6.624	128,400
Fenbuconazole	40	1.5	0.136	0.210	2,300
Myclobutanil	10	1.8	0.095	0.168	500
Propiconazole	3	1.2	0.108	0.124	100
Pyraclostrobin	45	1.6	0.093	0.147	1,800
Quinoline	4	1.0	0.105	0.105	100
Sulfur	58	4.3	3.516	15.287	235,100
Tebuconazole	28	1.7	0.182	0.317	2,400
Ziram	3	1.2	2.087	2.601	2,200
Other chemicals					
Ethephon	76	1.1	0.183	0.199	4,000
Mineral Oil	7	1.1	35.628	37.435	67,400

[1] Bearing acres in 2011 for Michigan were 26,000 acres.

Peaches: Agricultural chemical applications, 2011 [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	8	1.5	0.892	1.296	400
Diuron	10	1.1	1.068	1.143	400
Glyphosate iso. salt	16	1.2	0.953	1.162	700
Paraquat	15	1.5	0.591	0.859	500
Pendimethalin	3	1.0	2.329	2.365	300
Simazine	3	1.0	1.620	1.620	200
Terbacil	8	1.1	0.373	0.401	100
Insecticides					
Acetamiprid	13	2.3	0.111	0.252	100
Carbaryl	16	1.4	1.650	2.341	1,300
Chlorpyrifos	22	1.1	1.197	1.294	1,100
Cyfluthrin	45	1.9	0.038	0.073	100
Endosulfan	7	2.3	0.593	1.385	300
Esfenvalerate	56	2.7	0.040	0.108	200
Fenpropathrin	3	2.5	0.300	0.740	100
Imidacloprid	61	1.8	0.061	0.107	200
Lambda-cyhalothrin	22	1.8	0.034	0.061	100
Methomyl	7	1.5	0.912	1.357	400
Permethrin	22	2.6	0.143	0.374	300
Phosmet	55	3.2	1.238	4.016	8,200
Fungicides					
Basic copper sulfate	15	1.0	3.348	3.490	2,000
Boscalid	19	2.0	0.175	0.352	200
Captan	55	3.3	1.764	5.769	11,700
Chlorothalonil	24	1.5	2.702	4.010	3,600
Copper Chloride Hyd.	7	1.7	2.592	4.303	1,200
Copper hydroxide	16	1.5	2.518	3.671	2,100
Copper Sulfate	6	1.0	5.509	5.509	1,100
Cyprodinil	13	1.2	0.266	0.310	200
Dodine	29	2.1	0.347	0.739	800
Fenbuconazole	79	3.0	0.110	0.327	1,000
Iprodione	13	1.1	0.793	0.905	400
Myclobutanil	19	1.7	0.117	0.204	100
Oxytetracycline Calc	26	2.6	0.381	0.984	1,000
Propiconazole	19	1.9	0.109	0.206	100
Pyraclostrobin	19	2.0	0.089	0.179	100
Sulfur	71	4.5	6.411	29.064	76,900
Tebuconazole	21	2.0	0.157	0.312	200
Thiophanate-methyl	10	1.8	0.617	1.124	400
Ziram	6	1.4	3.295	4.592	1,000

[1] Bearing acres in 2011 for Michigan were 4,300 acres.

Commercial fertilizer consumption: 2006-2010 [1]

Item	Year ending June 30				
	2006	2007	2008	2009	2010
	Short tons	*Short tons*	*Short tons*	*Short tons*	*Short tons*
Primary plant nutrients					
Total N	232,710	268,566	241,823	193,784	197,487
N in multi-nutrients	58,308	53,231	44,373	42,960	47,575
Total P_2O_5	85,746	81,110	74,767	52,628	61,478
P_2O_5 in multi-nutrients	83,841	80,132	74,219	51,403	61,251
Total K_2O	163,523	184,571	173,104	112,820	123,136
K_2O in multi-nurtrients	36,883	28,060	24,902	26,037	41,448
Total plant nutrients	481,979	534,247	489,694	359,232	382,101
Average analysis	41.3	41.1	40.8	41.1	40.5
Total nutrients in multi-nutrients	179,031	161,423	143,494	120,400	150,274
Selected single-nutrient materials					
Ammonium thiosulfate	2,982	4,537	4,481	2,421	4,003
Anhydrous ammonia	33,759	45,245	38,983	28,078	32,054
Nitrogen solutions	279,293	367,967	302,401	250,297	277,535
Urea	107,941	118,448	137,423	93,397	75,089
Ammonium sulfate	30,254	44,904	35,860	25,863	31,007
Concentrated superphosphate	4,189	1,866	945	1,323	476
Potassium chloride	203,398	250,800	235,815	136,370	127,049
Multiple-nutrient fertilizers					
N-P-K	245,713	205,901	198,596	133,333	166,552
N-P	143,185	147,526	131,150	90,873	102,126
N-K	56,456	59,737	60,093	56,138	74,207
P-K	2,536	1,934	592	3,291	3,300
Leading multiple-nutrient grades					
10-34-0	47,687	52,204	44,409	22,181	30,699
11-52-0	35,295	35,713	42,688	21,927	22,647
18-46-0	39,534	39,568	25,550	15,401	13,940
8-24-24	([2])	([2])	([2])	([2])	12,972
19-19-19	11,760	8,676	5,767	4,498	9,834
Fertilizer consumption by classes					
Dry bulk single-nutrient	380,147	442,432	429,052	288,748	269,277
Dry bagged single-nutrient	18,688	21,017	20,665	14,421	11,375
Fluid single-nutrient	319,143	422,173	358,642	287,842	317,128
Dry bulk multiple-nutrient	214,164	156,861	134,348	139,855	185,986
Dry bagged multiple-nutrient	145,636	160,428	155,401	85,689	67,968
Fluid multiple-nutrient	88,090	97,809	100,681	58,091	92,231
Organics, secondary and micronutrients	148,112	134,015	150,999	244,014	76,304
Total	1,313,980	1,434,734	1,349,788	1,118,661	1,020,269

[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 winter of 2010/2011 was cooler and drier than normal across most of Michigan. Precipitation ranged from close to normal across extreme southern and western sections of the state to less than 50% of normal over northeastern sections. Given that soil temperatures generally remained just above freezing during the coldest part of the winter, much of the melt water infiltrated back into the soil profile as recharge. By late March, soil moisture levels across the state ranged from below normal over western and central sections of Upper Michigan to near normal elsewhere.

Overall, spring weather in Michigan was wetter than normal, with significant challenges for agricultural operations. Cool and unsettled weather resulted in prolonged delays in spring fieldwork across Michigan and much of the Midwest. Rain occurred on an almost daily basis across Michigan from the third week in April through the fourth week in May. Precipitation totals for the month of May were much above normal across central and southern sections of the state, with localized flooding reported in some areas. While some spring crop planting was completed during mid April before the extended period wet weather, some crops were not planted until late May or June, raising concerns about reaching maturity in the fall before the first killing freeze of the season.

The development of an upper air ridge across the Midwest in early June led to an extended period of warmer and drier than normal weather across Michigan that finally allowed spring planting and other fieldwork activities to progress at a rapid pace. Warmer temperatures helped reduce seasonal growing degree day deficits that had accumulated during the first few weeks of the season. Precipitation during June was highly variable.

Mean temperatures averaged across Michigan during July were 3.7°F above normal, which is the warmest July since 1955. High temperatures during the month reached or exceeded 90°F on as many as 15 days in some southern areas of the state. Total precipitation averaged statewide for the month was 2.99.

August was generally warmer than normal statewide. Precipitation totals ranged from less than 1.00" over portions of central Upper Michigan to more than 5.00" across central sections of the Lower Peninsula. By the end of month, seasonal base 50°F growing degree totals had increased to above normal levels across many parts of the state. However, given that many annual crops were not planted until late May or early June, they remained phenologically behind normal.

Following a brief heat wave early in September, a deep upper air trough set up across the Great Lakes region during the middle of the month, leading to frost and freezing temperatures across portions of Michigan on the 15th-17th. A series of upper air troughs and ridges moving across the Great Lakes region led to a typical variety of fall weather conditions in Michigan during late September and early October. Another upper air ridging feature led to an extended period of warm, dry weather during the first two weeks of October that greatly favored field grain dry-down rates and early harvest activities. With Canadian-origin high pressure in place across the region, overnight temperatures dipped well below freezing on an almost daily basis during the last week of October over nearly all of the state. The hard freezes ended the growing season in climate-moderated lake effect areas of the western and southeastern Lower Peninsula (the only areas of the state that had not experienced freezing temperatures at that point).

Field crops: Acres harvested and value of production, 2007-2011

Item	Unit	2007	2008	2009	2010	2011
Acres harvested	1,000 acres	6,459	6,454	6,301	6,436	6,513
Value of production	1,000 dollars	2,790,551	2,977,525	2,822,590	3,815,502	4,251,345

Grain storage capacity, December 1, 2007-2011

Year	Off farm		On farm capacity
	Facilities	Rated capacity	
	Number	*Million bushels*	*Million bushels*
2007	210	160	270
2008	205	165	270
2009	203	165	270
2010	200	170	280
2011	201	190	310

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	8	2011	1866
Yield per acre	Bushels	68.0	1985	13.5	1933	
Production	1,000 bu	8,400	1918	384	2011	
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	153.0	2011	21.5	1917	
Production	1,000 bu	335,070	2011	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	30	2011	1866
Yield per acre	Bushels	70.0	2003	18.5	1921	
Production	1,000 bu	69,388	1946	1,920	2011	
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	2010,2011	20.0	1965	
Production	1,000 lbs	280	1948	27	1996	
Sugarbeets						
Harvested acres	1,000 acres	190	1999	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	75.0	2011	10.5	1912	
Production	1,000 bu	51,000	2011	7,350	1912	

Barley

Michigan barley growers planted 10,000 acres in 2011, down 9 percent from 2010. Growers harvested 8,000 acres in 2011, down 20 percent from last year. Total production was 384,000 bushels, down 29 percent from 2010. The average yield decreased by 6 bushels to 48 bushels per acre.

Barley planting began in mid-April and as of June 12, was 98 percent complete. Barley harvest was at 3 percent complete as of July 31 and 95 percent as of September 4.

Barley: Acres, yield, production, and value, 2007-2011

Year	Planted	Harvested	Yield	Production	Price [1]	Value of production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
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
2011	10	8	48	384	3.50	1,344

[1] Marketing year average.

Corn

There were 2.50 million acres planted to corn in 2011, up 100,000 acres from 2010. Grain corn production was 335.1 million bushels, up 6 percent from 2010; 2.19 million acres were harvested for grain. The record high yield of 153 bushels per acre was up 3 bushels per acre from the 2010 crop. Farmers harvested 300,000 acres of corn for silage; the average yield was 18.0 tons per acre.

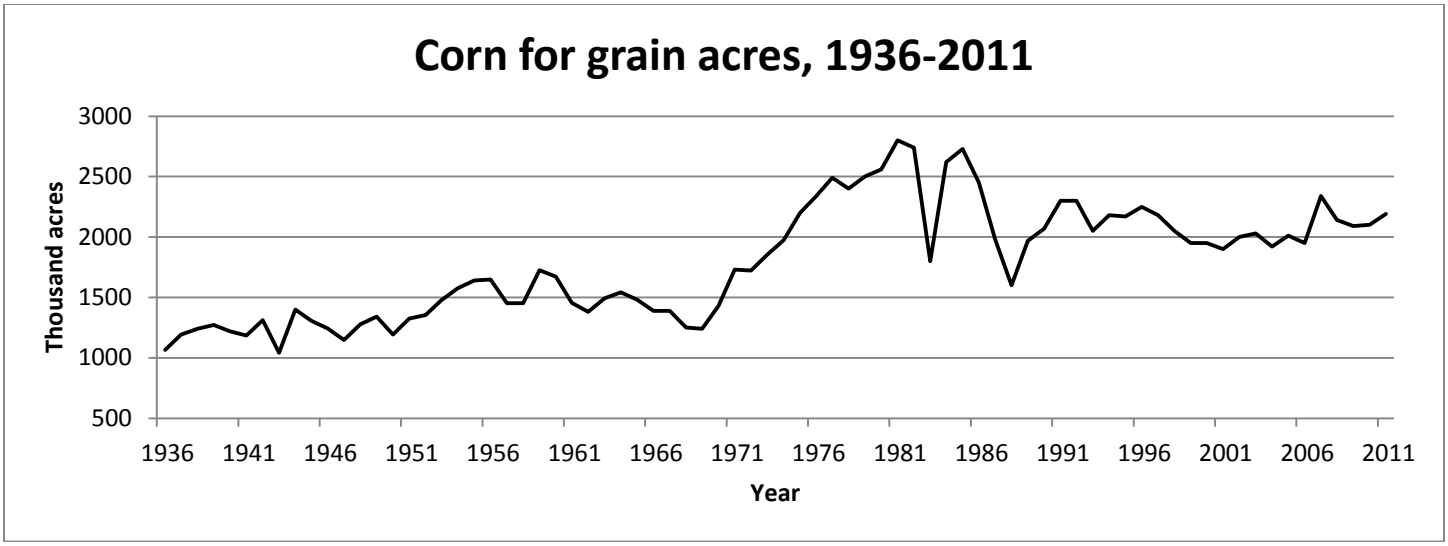
Planting of corn in Michigan began about May 1, two weeks behind normal. Wet conditions prevailed throughout May, and almost one-third of the crop had yet to be planted by the end of the month. Crop development by August 1 was near normal, despite most fields being planted late. July temperatures were well above normal, bringing cumulative growing degree days ahead of normal in most of the major corn growing areas. Precipitation, however, was short after planting in most areas. The Michigan corn crop was about 5 days behind the average stage of development as of September 1. Rainfall in late July and in August compensated for the mild drought earlier in the growing season. Since most of the crop was planted late due to a wet spring, the mid-summer rains arrived during ear formation. Two-thirds of the acreage was rated good or excellent at the end of August. The harvest of the Michigan corn crop began about the last week of September. Less than half of acreage was mature by October 1; the average is nearly 75 percent. The harvest of Michigan corn for grain was only about one-third complete by November 1, about one week behind normal. Wet soils hampered combining mature corn in many areas. Field conditions in November were generally favorable, and the harvest neared completion by the end of the month, near the average time.

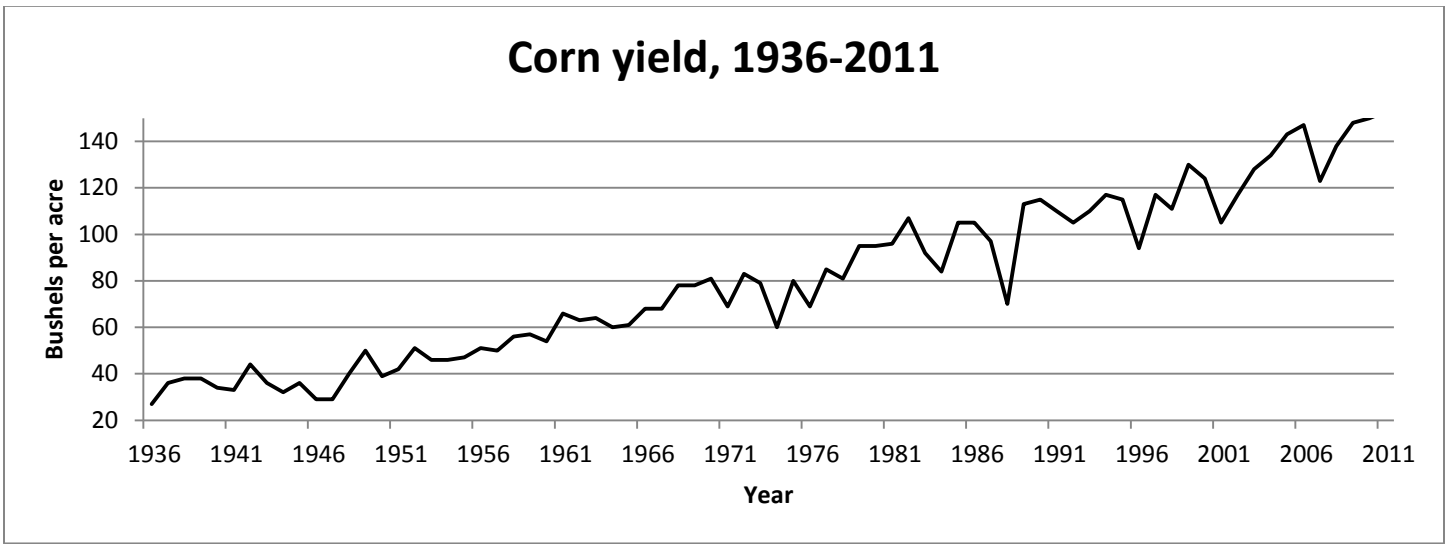
The 2011 corn crop was valued at $2.03 billion, up 16 percent from 2010. Corn continued to be Michigan's number one crop in value of production. The top three counties in corn production in 2011 were Huron, Cass, and Lenawee.

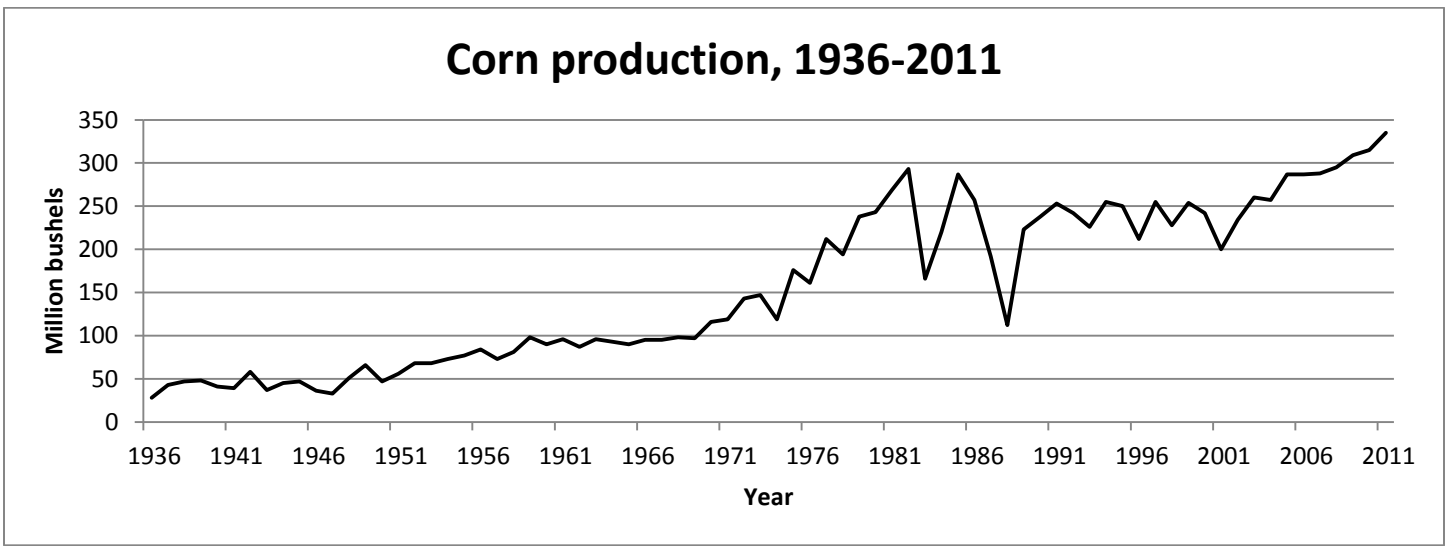
Corn: Acres, yield, production, and value, 2007-2011

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						
2007	2,650					
2008	2,400					
2009	2,350					
2010	2,400					
2011	2,500					
Grain						
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	5.56	1,751,400
2011		2,190	153	335,070	6.05	2,027,174
	1,000 acres	*1,000 acres*	*Tons*	*1,000 tons*		
Silage						
2007		295	14.5	4,278		
2008		250	16.5	4,125		
2009		220	15.5	3,410		
2010		290	18.5	5,365		
2011		300	18.0	5,400		

[1] Marketing year average.


Corn for grain acres, 1936-2011
Thousand acres
3000
2500
2000
1500
1000
500
1936 1941 1946 1951 1956 1961 1966 1971 1976 1981 1986 1991 1996 2001 2006 2011
Year


Corn yield, 1936-2011
Bushels per acre
140
120
100
80
60
40
20
1936 1941 1946 1951 1956 1961 1966 1971 1976 1981 1986 1991 1996 2001 2006 2011
Year


Corn production, 1936-2011
Million bushels
350
300
250
200
150
100
50
0
1936 1941 1946 1951 1956 1961 1966 1971 1976 1981 1986 1991 1996 2001 2006 2011
Year

Corn for grain: Stocks by quarter, 2007-2011

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*
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	62,089	41,000	41,550	11,000	14,400
2011	200,000	70,450	96,000	56,300	46,000	42,700		

Corn: Percentage of acreage planted, 2007-2011

Year	Month and day					
	April		May			June
	20	30	10	20	30	10
2007	1	12	48	80	95	100
2008	1	24	66	87	97	100
2009	2	4	18	56	89	99
2010	13	47	76	83	93	100
2011	0	4	17	52	69	92
5-year-average	4	18	45	72	89	98

Corn: Percentage of acreage silked, 2007-2011

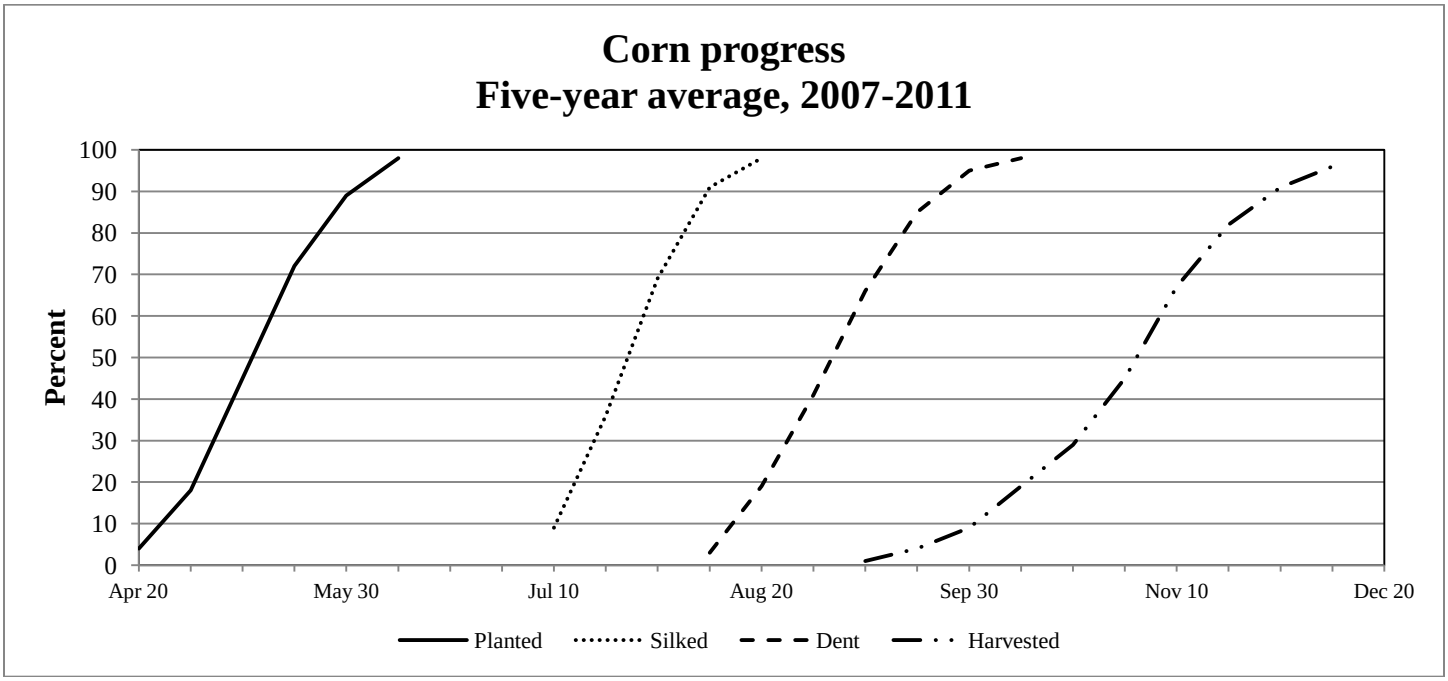
Year	Month and day					
	July				August	
	1	10	20	30	10	20
2007	0	14	50	77	94	100
2008	0	1	24	73	95	100
2009	0	1	8	37	74	94
2010	10	28	70	91	98	100
2011	0	1	27	68	93	98
5-year-average	2	9	36	69	91	98

Corn: Percentage of acreage dent stage, 2007-2011

Year	Month and day						
	August			September			October
	10	20	30	10	20	30	10
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
2011	0	11	26	59	81	93	98
5-year-average	3	19	41	66	85	95	98

Corn: Percentage of acreage harvested for grain, 2007-2011

Year	Month and day									
	September			October			November			December
	10	20	30	10	20	30	10	20	30	10
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	3	14	25	45	66	82	96	98	99	100
2011	0	0	3	9	17	32	63	83	94	100
5-year-average	1	4	9	19	29	45	67	82	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 2011 total dry bean production was 3.36 million hundredweight (cwt), 16.9 percent of U.S. production. Michigan ranked second in dry bean production for 2011. The value of production was 153.9 million dollars, up 15.1 percent from 2010.

Dry edible beans: Acres, yield, production, and value, 2007-2011

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*
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	31.60	133,668
2011	170	168	2,000	3,360	45.80	153,888

[1] Marketing year average.

Dry edible beans: Acres, yield, and production, by class, 2007-2011

Class and Year	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Pounds*	*1,000 cwt*
Black				
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
2011	80,000	79,000	2,030	1,602
Cranberry				
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
2011	3,500	3,500	1,460	51
Navy				
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
2011	50,000	49,500	2,100	1,040
Pinto				
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
2011	3,100	3,000	1,730	52
Red kidney, dark				
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
2011	2,800	2,700	1,000	27
Red kidney, light				
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
2011	7,000	7,000	1,960	137
Small, red				
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
2011	18,000	18,000	1,950	351
Other				
2007	4,700	4,400	1,682	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
2011	5,600	5,300	1,890	100

Hay and Haylage

Michigan hay production was estimated at 2.75 million tons, up from 2.73 in 2010. Alfalfa and alfalfa mixtures accounted for 81 percent of all dry hay produced. All hay harvested acres were estimated at 1.0 million, unchanged from 2010. The average all hay yield was 2.75 tons per acre, up from 2.73 the previous year. Harvest began at the beginning of June with some reports of alfalfa weevil and potato leafhopper. Timely rains helped the quality of first and second crop, but dry conditions in mid to late July decreased yields for third crop. Harvest of third and fourth cuttings continued into September with most farmers completing harvest by October 1. Alfalfa accounted for 700,000 acres of the total harvested with a yield of 3.2 tons per acre. Other hay accounted for 300,000 acres with a yield of 1.7 tons per acre. The value of the hay crop was $283 million, up 2 percent from 2010.

Hay, haylage, and greenchop: Acres, yield, production, and value, 2007-2011

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						
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	99.50	277,830
2011		1,000	2.75	2,750	100.00	282,520
Alfalfa hay						
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
2011		700	3.20	2,240	107.00	239,680
Alfalfa seedings						
2007	100					
2008	115					
2009	90					
2010	110					
2011	90					
Other hay						
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
2011		300	1.70	510	84.00	42,840
All haylage and greenchop						
2007		270	6.70	1,810		
2008		285	6.24	1,778		
2009		315	5.08	1,601		
2010		330	7.29	2,405		
2011		270	6.90	1,863		
Alfalfa haylage and greenchop						
2007		250	7.00	1,750		
2008		270	6.40	1,728		
2009		290	5.20	1,508		
2010		310	7.50	2,325		
2011		250	7.10	1,775		

[1] Marketing year average.

Hay: Stocks on farms, 2008-2012

Year	May 1	December 1
	1,000 tons	*1,000 tons*
2008	320	1,998
2009	450	1,451
2010	330	2,000
2011	420	1,500
2012	360	([1])

[1] Published in January 2013.

Maple Syrup

Michigan maple syrup production was estimated at 65,000 gallons for the 2012 season, 47 percent below 2011's record high production of 123,000 gallons. The 2012 maple syrup season started earlier and was much shorter than a normal year. Overall, conditions were poor for sap flow with temperatures staying too warm earlier in the year. The 2012 survey indicated that only about 20 percent of producers felt that it was a favorable season for sap flow. The season was shorter, 18 days, compared to 29 days in 2011 and 20 days in 2010. Michigan ranked seventh in maple syrup production in 2012 and produced 3 percent of the total U.S. production. Total taps were 430,000, and the syrup yield was 0.151 gallons per tap. The average price per gallon sold from 2011 production was $43.80, and the value of production was $5.4 million, up from $3.7 million in 2010.

Maple syrup: Taps, yield, production, price, and value, 2008-2012

Year	Taps	Yield per tap	Production	Price per gallon	Value of production
	1,000	*Gallons*	*1,000 gallons*	*Dollars*	*1,000 dollars*
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	43.80	5,387
2012	430	0.151	65	([1])	([1])

[1] Published in June 2013.

Mint

Mint: Acres, yield, production, and value, 2007-2011

Year	Harvested	Yield	Production	Price per pound [1]	Value of production
	1,000 acres	*Pounds*	*1,000 Pounds*	*Dollars*	*1,000 dollars*
Peppermint					
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
2011	0.8	58	46	23.00	1,058
Spearmint					
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
2011	1.8	70	126	18.00	2,268

[1] Marketing year average.

Oats

There was a large drop in oat acreage in Michigan in 2011. Growers planted 40,000 acres of oats in 2011, compared with 75,000 acres the previous year. Harvested acres, at 30,000, were down 30,000 acres from last year. The 2011 oat production was 1.92 million bushels, down 53 percent from the previous year. The average oat yield, at 64 bushels per acre, was down 4 bushels from 2010. Oat planting began in April and continued through early June. Oat planting was prolonged in 2011 due to a wetter than normal spring which delayed planting.

Oat progress was highly varied across the State, with early planted oats already headed in mid-June while some growers had yet to finish planting. There were no widespread disease or insects pressures. Oat harvest began in late July and was complete by late August. Presque Isle ranked first in oat production in 2011. Sanilac, Mecosta, Isabella, and Delta rounded out the top five counties.

Oats: Acres, yield, production, and value, 2007-2011

Year	Planted	Harvested	Yield	Production	Price [1]	Value of production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
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
2011	40	30	64	1,920	3.40	6,528

[1] Marketing year average.

Potatoes

Michigan's 2011 potato production was 15.18 million hundredweight, down 3 percent from 2010. Planted acres were 45,000 acres, up 2 percent from last year. Harvested acres were 44,000 acres, up 1 percent from 2010. The average yield was 345 cwt. per acre, down 4 percent from last year. The value of 2011 production was 174.6 million dollars, up two percent from 2010. Potato planting began in mid-April and as of June 12, was 97 percent complete.

Emergence was good. Potato harvest was at 8 percent complete as of August 28 and 95 percent as of November 6. Potato stocks by type as a percent of total stocks as of December 1, 2011 were 88 percent round whites, 11 percent russets, and 1 percent reds. As of December 1, 2010 there were 90 percent round whites, 9 percent russets, and 1 percent reds.

Fall potatoes: Acres, yield, production, and value, 2007-2011

Year	Planted	Harvested	Yield	Production	Price [1]	Value of production
	1,000 acres	*1,000 acres*	*Cwt*	*1,000 cwt*	*Dollars*	*1,000 dollars*
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	10.90	170,694
2011	45.0	44.0	345	15,180	11.50	174,570

[1] Marketing year average.

Fall potatoes: Stocks by type as percent of total stocks, December 1, 2007-2011

Type	2007	2008	2009	2010	2011
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
White	86	83	89	90	88
Russet	12	15	10	9	11
Red	1	1	1	1	1
Yellow [1]	1	1	0	0	0

[1] Estimates began in 2007.

Fall potatoes: Production and disposition, 2007-2011

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*
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	1,089	210	1,180	14,270
2011	15,180	([1])	([1])	([1])	([1])

[1] Published in September 2012.

Fall potatoes: Stocks, 2007-2011

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*
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
2011	8,600	([2])	4,700	([2])	1,200	([2])

[1] Withheld to avoid disclosure of individual operations.
[2] Estimate discontinued for January, March, and May.

Soybeans

Michigan soybean production totaled 85.4 million bushels in 2011, down 4 percent from 2010. The yield was 44.0 bushels per acre in 2011, up 0.5 bushels per acre from the previous year. Planted acres decreased by 100,000 acres from last year's total to 1.95 million acres. Harvested acres decreased accordingly to 1.94 million. Soybean marketing year average at $11.60 per bushel rose by $0.50, an increase of 5 percent over 2010. Soybean planting was off to a slow start in 2011 due to wet soils and rains. Significant planting progress did not occur until the end of May or beginning of June. By mid to late June, planting was complete. A hot, dry July produced a dismal outlook for soybeans, but timely rains in August allowed for a more optimistic view of the crop. Maturity was behind average throughout September. Harvest began around the first of October and continued at about an average pace until the middle of November. A good quality crop was harvested, better than was anticipated at earlier points in the year.

Soybeans: Acres, yield, production, and value, 2007-2011

Year	Planted	Harvested	Yield	Production	Price [1]	Value of production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
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	11.10	985,014
2011	1,950	1,940	44.0	85,360	11.60	990,176

[1] Marketing year average.

Soybeans: Stocks by quarter, 2007-2011

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*
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	22,651	5,200	11,650	1,400	4,200
2011	31,000	34,300	16,500	25,000	5,100	16,000		

Soybeans: Percentage of acreage planted, 2007-2011

Year	Month and day						
	May			June			July
	10	20	30	10	20	30	10
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
2011	6	21	34	73	96	99	100
5-year-average	18	38	66	88	98	100	100

Soybeans: Percentage of acreage setting pods, 2007-2011

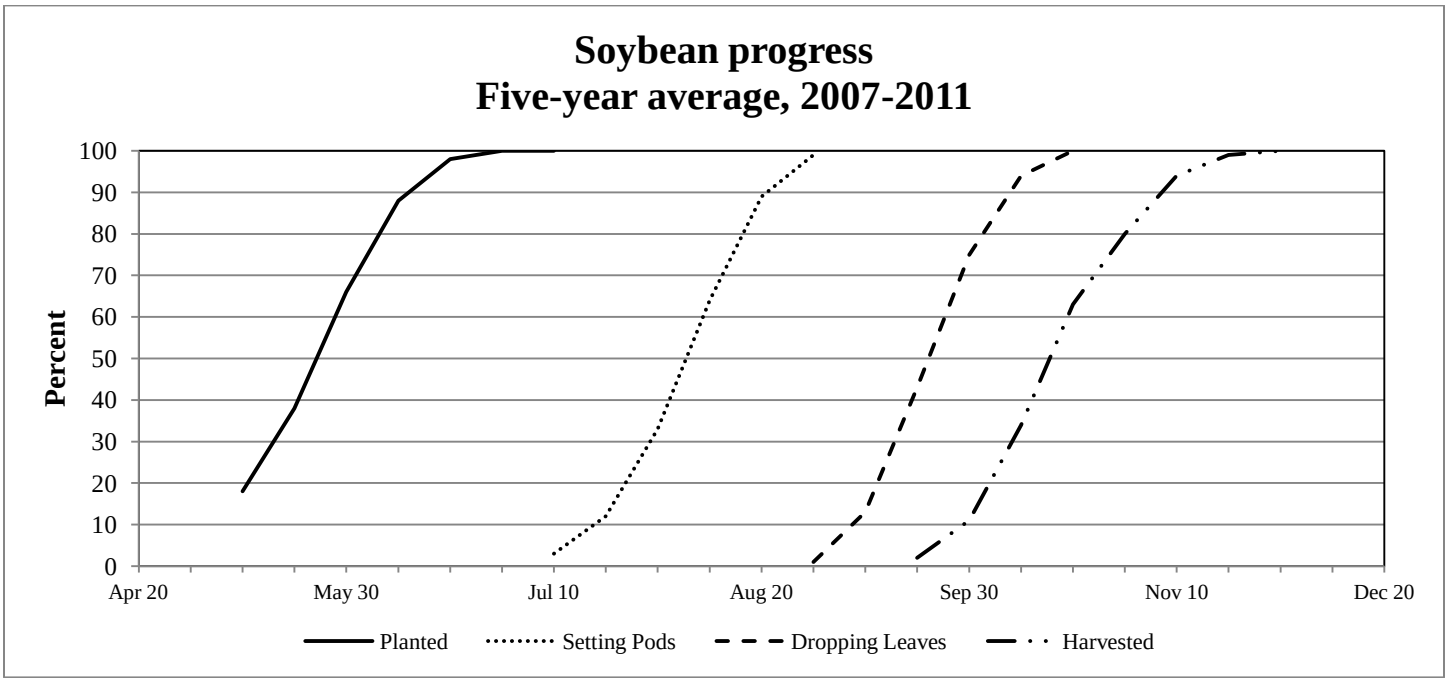
Year	Month and day					
	July			August		
	10	20	30	10	20	30
2007	4	22	48	75	97	100
2008	0	6	42	77	95	100
2009	0	3	13	36	70	95
2010	9	22	46	76	94	100
2011	0	9	18	56	88	98
5-year-average	3	12	33	64	89	99

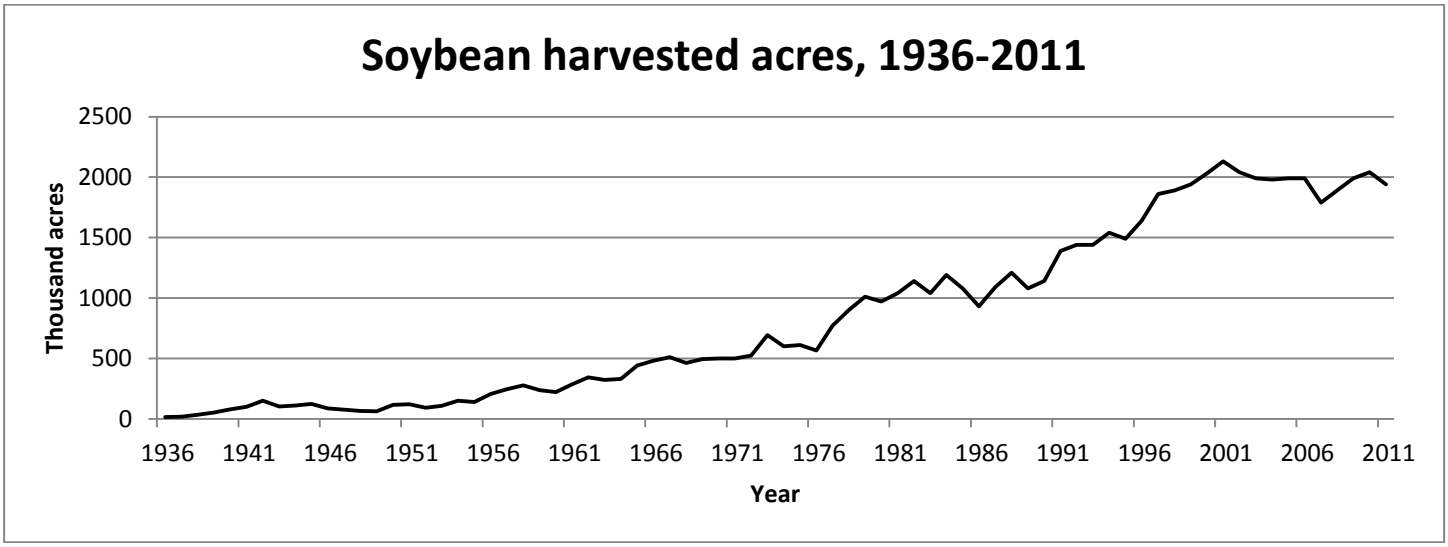
Soybeans: Percentage of acreage shedding leaves, 2007-2011

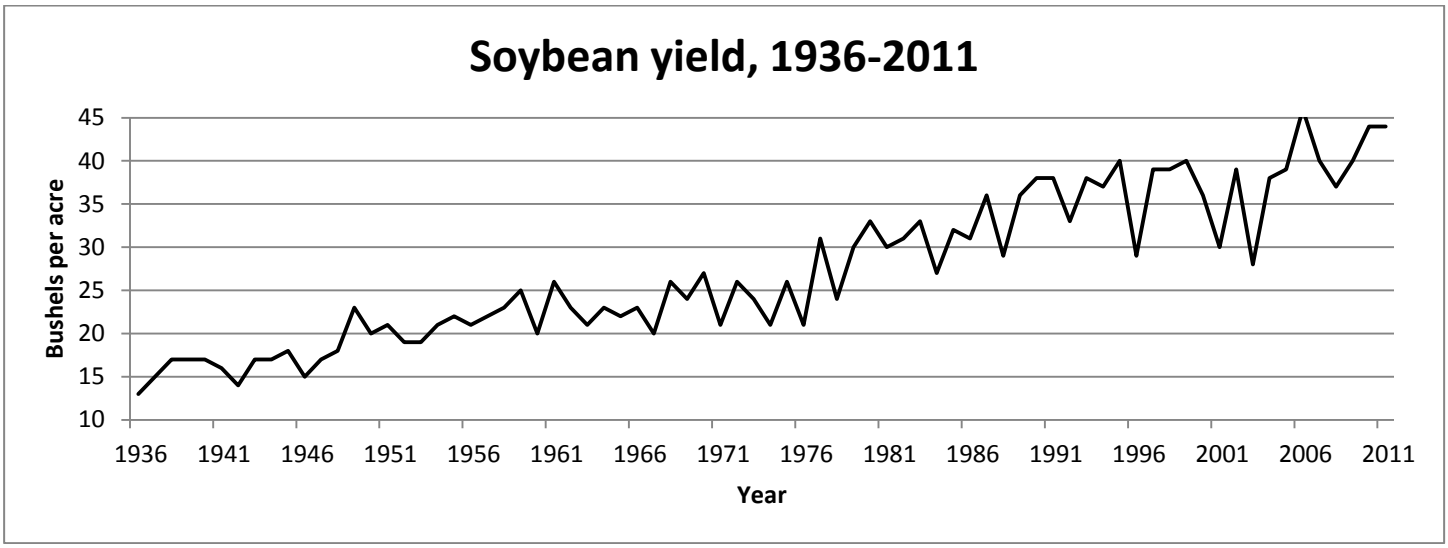
Year	Month and day						
	August		September			October	
	20	30	10	20	30	10	20
2007	0	1	10	42	76	98	100
2008	0	2	18	54	84	96	100
2009	0	0	2	23	64	91	99
2010	0	3	31	69	92	97	100
2011	0	0	5	28	60	89	99
5-year-average	0	1	13	43	75	94	100

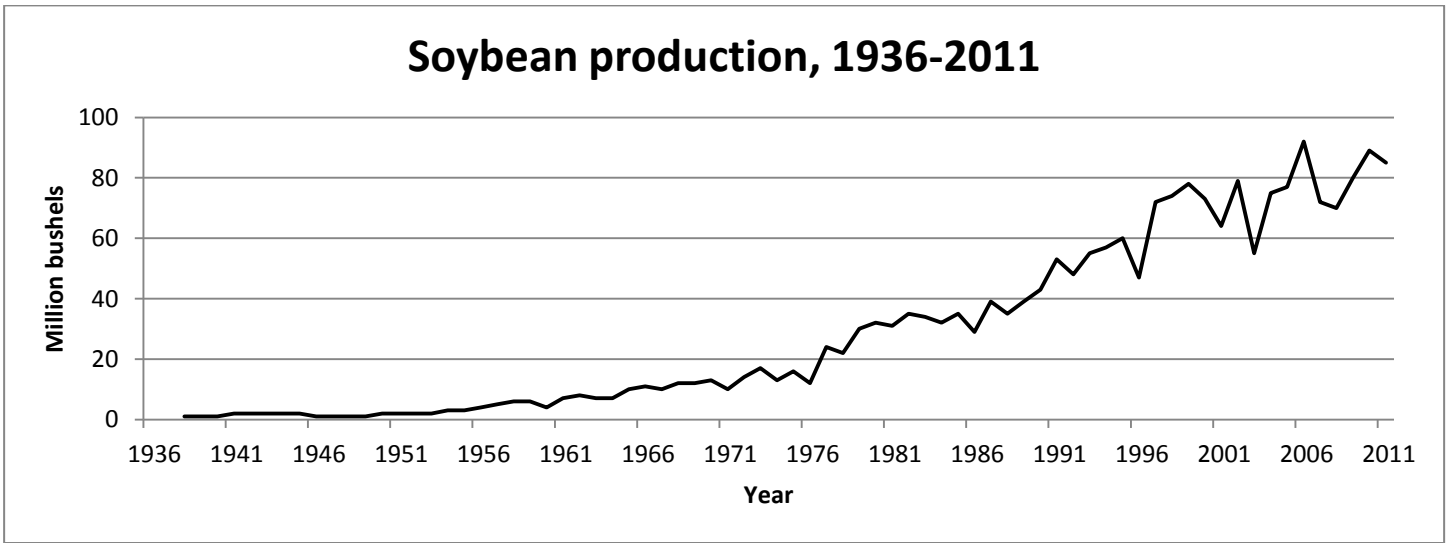
Soybeans: Percentage of acreage harvested, 2007-2011

Year	Month and day								
	September			October			November		
	10	20	30	10	20	30	10	20	30
2007	0	1	10	33	60	81	96	100	100
2008	0	2	12	36	76	91	97	100	100
2009	0	1	2	6	35	57	83	96	99
2010	0	7	27	66	87	96	100	100	100
2011	0	0	1	27	58	77	93	98	100
5-year-average	0	2	11	34	63	80	94	99	100




Soybean harvested acres, 1936-2011
Thousand acres
2500
2000
1500
1000
500
0
1936 1941 1946 1951 1956 1961 1966 1971 1976 1981 1986 1991 1996 2001 2006 2011
Year


Soybean yield, 1936-2011
Bushels per acre
45
40
35
30
25
20
15
10
1936 1941 1946 1951 1956 1961 1966 1971 1976 1981 1986 1991 1996 2001 2006 2011
Year


Soybean production, 1936-2011
Million bushels
100
80
60
40
20
0
1936 1941 1946 1951 1956 1961 1966 1971 1976 1981 1986 1991 1996 2001 2006 2011
Year

Sugarbeets

Acres planted to sugarbeets were estimated at 153,000 in 2011, up 6,000 acres from the previous year. All acreage was harvested. The yield was 24.0 tons per acre, down 2.0 tons from the previous year. Sugarbeet production in 2011 totaled 3.67 million tons, down 3.9 percent from 2010. Sugarbeet planting began April 11 and continued through early June. Planting was delayed in many areas because consistent rains kept growers out of fields. There were no major disease or insect occurrences. Harvest began on a limited basis September 14. Yields were hurt by moisture shortages during July and August. Piling began in late October and harvest was completed in mid-November.

Sugarbeets: Acres, yield, production, and value, 2007-2011

Year	Planted	Harvested	Yield	Production	Price [1]	Value of production
	1,000 acres	*1,000 acres*	*Tons*	*1,000 tons*	*Dollars*	*1,000 dollars*
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	60.80	201,734
2010	147	147	26.0	3,822	71.30	272,509
2011	153	153	24.0	3,672	([2])	([2])

[1] Marketing year average.
[2] Published in February 2013.

Wheat

Michigan's winter wheat crop was 51 million bushels in 2011. Planted acres increased to 700,000 acres from 530,000 the previous year. Harvested acreage was up 33 percent from last year to 680,000 acres. The average yield, 75 bushels per acre, was up 5 bushels from last year, and set a new record high yield. The value of the crop increased 67 percent to $341.7 million. Huron, Sanilac, Lenawee, Tuscola, and Saginaw were the top five counties in wheat production for the fourth year in a row.

Wheat planting began in mid-September and was completed by the end of October. All wheat had emerged by mid-November. Winter wheat fields received adequate snow cover and appear to have weathered well throughout Michigan. Conditions throughout the winter months ranged from poor to good, due to varying amounts of snow cover, in January to fair in February. A cooler spring delayed development. The crop rebounded after above average temperatures in early June. The crop was headed out by mid-June and had turned yellow by mid-July. Fields that have been treated for fungicides were generally disease free, however there were reports of rust and Fusarium head blight (scab). Limited precipitation aided farmers in harvesting wheat. By the end of July, southern counties were all but completely harvested and were baling straw while northern counties continued. Quality, throughout the season, was predominantly in good to excellent condition.

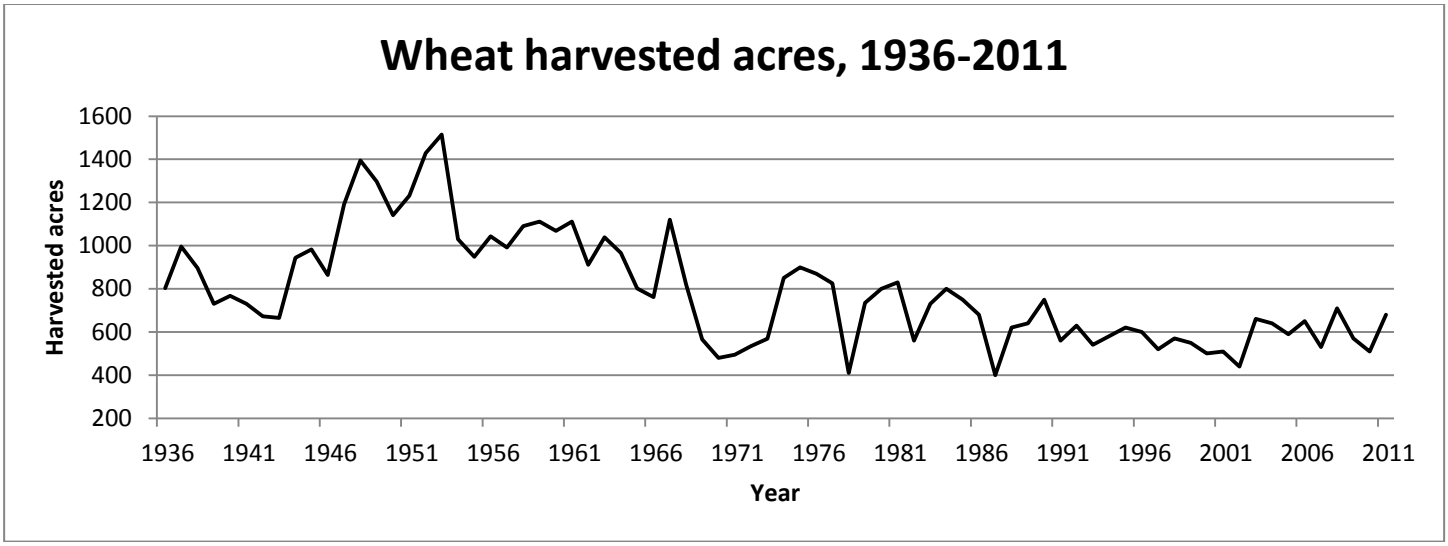
Wheat: Acres, yield, production, and value, 2007-2011

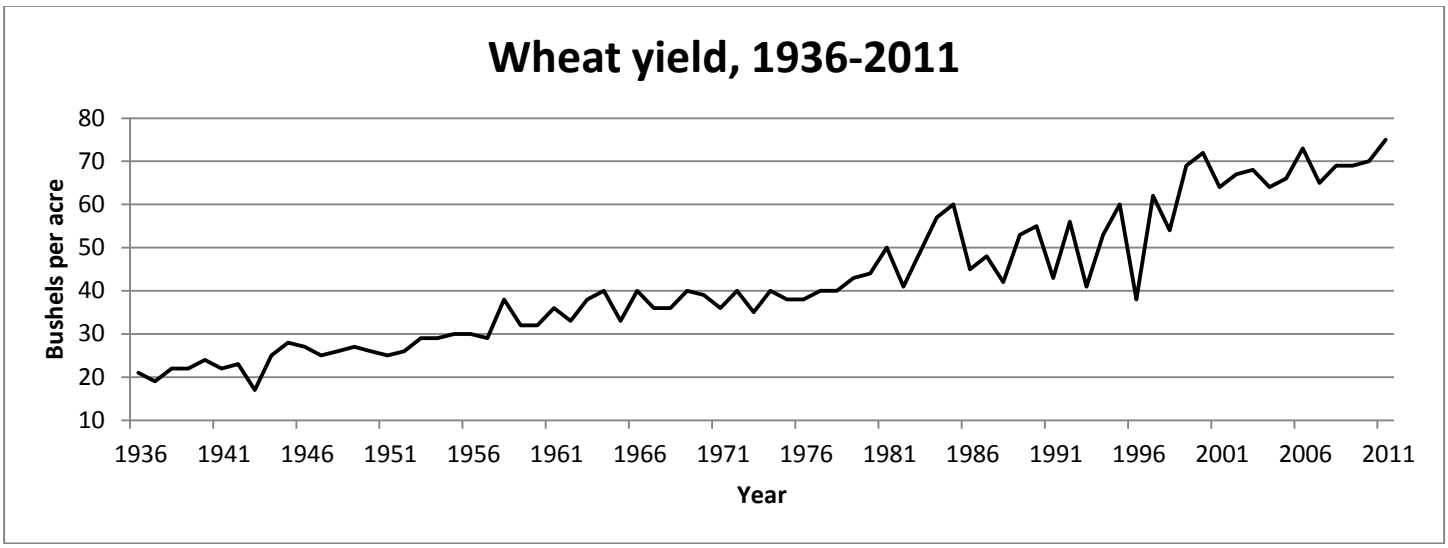
Year	Planted	Harvested	Yield	Production	Price [1]	Value of production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
2007	550	530	65	34,450	5.01	172,595
2008	730	710	69	48,990	5.63	275,814
2009	630	570	69	39,330	4.25	167,153
2010	530	510	70	35,700	5.72	204,204
2011	700	680	75	51,000	6.70	341,700

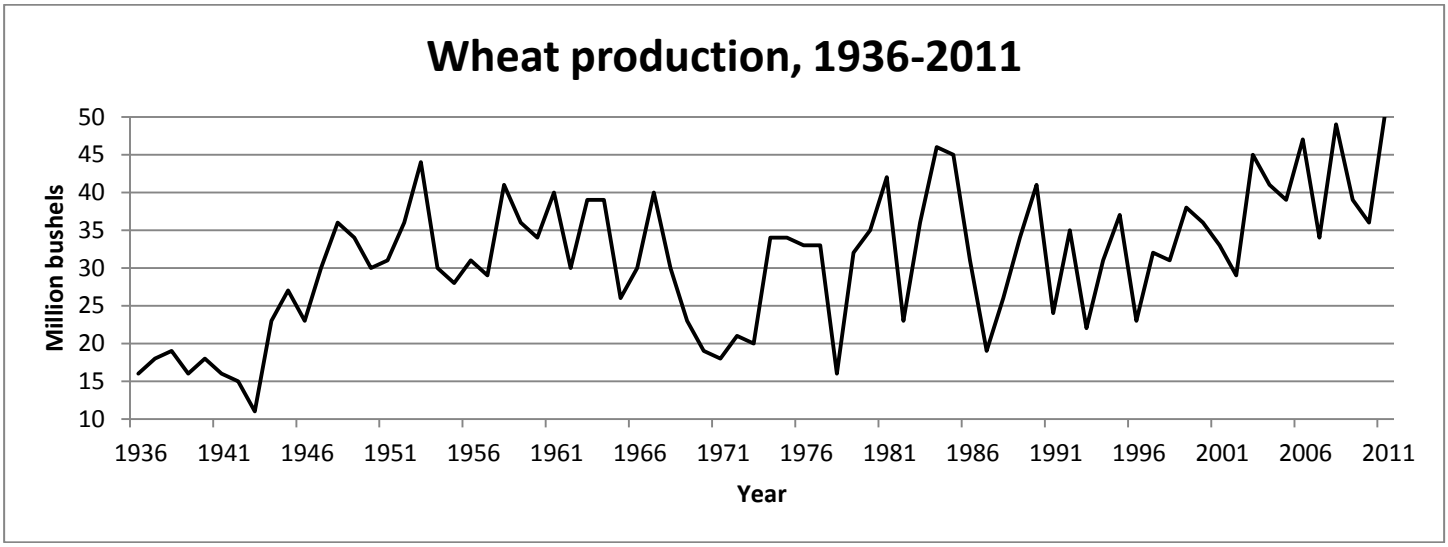
[1] Marketing year average.

Wheat: Stocks by quarter, 2007-2011

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*
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	29,870	700	20,480
2011	5,500	47,850	3,200	41,200	2,500	33,900	400	24,600


Wheat harvested acres, 1936-2011
Harvested acres
1600
1400
1200
1000
800
600
400
200
1936 1941 1946 1951 1956 1961 1966 1971 1976 1981 1986 1991 1996 2001 2006 2011
Year


Wheat yield, 1936-2011
Bushels per acre
80
70
60
50
40
30
20
10
1936 1941 1946 1951 1956 1961 1966 1971 1976 1981 1986 1991 1996 2001 2006 2011
Year


Wheat production, 1936-2011
Million bushels
50
45
40
35
30
25
20
15
10
1936 1941 1946 1951 1956 1961 1966 1971 1976 1981 1986 1991 1996 2001 2006 2011
Year

Fruit

Michigan apple production was 985 million pounds, up 415 million pounds from 2010. The farm level value of the utilized crop was $194.7 million. Michigan ranked third in U.S. apple production behind Washington and New York, which produced 5.41 billion pounds and 1.22 billion pounds, respectively. Tart cherry production was 157.5 million pounds, up 17 percent from the 135 million pounds produced in 2010. The average yield was 5,900 pounds per acre. The farm level value was $47.2 million. Sweet cherry production was 18,600 tons, up from 15,100 tons produced in 2010. The average yield was 2.86 tons per acre. The farm level value was $18.0 million. Cultivated blueberry production in Michigan was 72 million pounds, approximately 17 percent of the U.S. total. Growers harvested 18,700 acres in 2011. The farm level value was $118.7 million. Strawberry production in Michigan was 3.3 million pounds on 750 harvested acres. The farm level value was $4.8 million. Michigan peach production was 33.3 million pounds, up from 28.0 million pounds in 2010. Total bearing acres were 3,700, and the farm level value was $12.0 million. Pear production in Michigan was 4,400 tons on 700 acres. The farm level value was $1.2 million. Michigan plum production was 1,400 tons on 400 acres. The farm level value was $0.9 million. Michigan grape production was 94,400 tons. The farm level value was $34.1 million. There were 55,100 tons of Concords and 31,000 tons of Niagara grapes processed. There were 3,800 tons of vinifera, 2,200 tons of hybrids, and 800 tons of other varieties processed for wine. Prices for vinifera varieties averaged $1,580 per ton, hybrids $605 per ton, and other varieties $255 per ton.

Fruit: Record highs and lows

Crop and 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, 2007-2011

Item	Unit	2007	2008	2009	2010	2011
Acres harvested	1,000 acres	109	109	110	107	106
Value of production	1,000 dollars	416,265	365,311	331,074	308,160	431,736

Fruit: Acres, production, and value, 2007-2011

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						
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	35,000	16,300	570	570	0.181	103,375
2011	34,000	29,000	985	980	0.199	194,700
Blueberries [1]						
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
2011	18,700	3,850	72	72	1.650	118,700
Cherries, tart						
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
2011	26,700	5,900	158	157	0.301	47,210
Peaches						
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
2011	3,700	9,000	33.3	32.8	0.366	11,995
	Acres	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*1,000 dollars*
Cherries, sweet						
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
2011	6,500	2.86	18,600	18,600	970	18,042
Grapes						
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	341	26,712
2010	14,400	2.50	36,000	36,000	427	15,373
2011	14,600	6.47	94,400	93,400	365	34,128
Pears						
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
2011	700	6.29	4,400	4,400	275	1,209
Plums						
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
2011	400	3.50	1,400	1,400	661	926

[1] Harvested acres.

Apples: Utilization and price, 2007-2011

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*
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	0.300	360	0.112	570	0.181
2011	340	0.350	640	0.118	980	0.199

Apples, processing: Utilization and price, 2007-2011

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*
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	160	0.120	115	0.115	80	0.090
2011	230	0.125	220	0.130	180	0.095

Blueberries: Utilization and price, 2007-2011

Year	Production		Fresh market		Processed	
	Total	Utilized	Quantity	Price per pound	Quantity	Price per pound
	Million pounds	*Million pounds*	*Million pounds*	*Dollars*	*Million pounds*	*Dollars*
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
2011	72	72	34	2.150	38	1.200

Cherries, sweet: Production and utilization, 2007-2011

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*
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
2011	18,600	2,200	2,410	1,800	1,000	9,150	600	5,450	1,000

[1] Frozen, juice, etc.

Cherries, tart: Utilization, 2007-2011

Year	Production		Fresh market	Processed					
				Canned		Frozen		Other [1]	
	Total	Utilized		Quantity	Price per pound	Quantity	Price per pound	Quantity	Price per pound
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Dollars*	*Million pounds*	*Dollars*	*Million pounds*	*Dollars*
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
2011	158	157	0.2	34.0	0.340	101	0.295	21.5	0.261

[1] Juice, wine, and dried.

Cherries, tart: Production by region, 2007-2011

Region	2007	2008	2009	2010	2011
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
Northwest	134.0	96.5	186.5	66.0	92.5
West Central	53.0	50.0	63.0	57.0	48.0
Southwest and other	9.0	18.5	16.5	12.0	17.0
Michigan	196.0	165.0	266.0	135.0	157.5

Cherries, tart, frozen: Stocks in cold storage, 2008-2011

Month	East North Central region [1]				48 States total [2]			
	2008-09	2009-10	2010-11	2011-12	2008-09	2009-10	2010-11	2011-12
	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	99,621	105,143	134,888	87,152	118,790	128,571	161,826	96,444
August	114,186	156,271	122,269	86,189	137,994	193,312	150,298	124,645
September	100,749	148,937	108,622	76,941	120,386	185,263	136,233	108,842
October	93,116	143,809	99,997	67,829	113,867	179,608	128,236	98,395
November	88,936	133,775	92,176	62,002	108,046	167,716	118,223	90,339
December	83,340	125,480	85,817	56,549	101,892	156,136	110,166	83,622
January	77,605	116,688	77,950	47,930	96,533	145,923	97,223	73,371
February	71,789	109,432	70,482	41,829	90,052	136,313	87,153	65,185
March	64,644	102,596	59,155	35,781	79,608	124,138	71,167	54,211
April	57,349	96,331	51,223	28,252	69,139	113,941	62,380	44,684
May	50,490	88,016	43,512	17,628	59,714	103,008	50,776	32,527
June	46,155	85,253	34,711		53,206	96,540	40,803	

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

Grapes: Processed utilization and value, 2007-2011

Year	Concord	Niagara	Other	Total		
				Utilized production	Price per ton	Value
	Tons	*Tons*	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
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	306	23,592
2010	18,100	13,000	3,800	34,900	365	12,733
2011	55,100	31,000	6,200	92,300	341	31,488

Grapes: Processed for wine by category, 2007-2011

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*
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
2011	2,200	605	3,800	1,580	800	255	6,800	1,110	7,548

Plums: Utilization and value, 2007-2011

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*
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
2011	(D)	(D)	(D)	(D)	(D)	(D)

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

Strawberries: Acres, production and value, 2007-2011

Year	Total	Harvested	Yield	Production	Price per cwt	Value of production
	Acres	*Acres*	*Cwt*	*1,000 cwt*	*Dollars*	*1,000 dollars*
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
2011	950	750	44	33	146.00	4,826

Strawberries: Utilization and value, 2007-2011

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*
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
2011	31	152	4,712	2	57.00	114

Refrigerated warehouses: Number and capacity, October 2011 [1]

Type	Number	Usable freezer space	Usable cooler space
		1,000 cu ft	*1,000 cu ft*
Public	23	57,564	3,937
Private and Semi-Private	18	14,274	6,294
Total	41	71,838	10,231

[1] Conducted biennially.

Vegetables

Michigan growers produced 7.89 million hundredweight (cwt) of fresh market vegetables in 2011, a decrease of 6 percent from 2010. This included the fresh market and dual purpose vegetable crops. Harvested acreage was 52,700. The value of fresh market vegetables, at the farm gate level, was over $178 million, up 2 percent from 2010. Fresh market vegetables include snap beans, cabbage, carrots, sweet corn, cucumbers, onions and tomatoes. Dual purpose vegetables include asparagus, celery, bell peppers, pumpkins and squash. Michigan growers produced 334,520 tons of processing vegetables in 2011, a decrease of 10 percent from 2010. Harvested acreage was 50,700 acres. Farm gate value of production totaled $71.2 million. Nationally, Michigan ranked fifth for processing vegetable value of production. Processing vegetables includes cucumbers for pickles, snap beans, and tomatoes, while carrots for processing were confided to avoid disclosure of individual operations.

Asparagus production for fresh and processed markets totaled 216 thousand cwt, up 29 percent from 2010. Cucumbers for pickles totaled 176,960 tons, down 11 percent from last year. Michigan is the number one state in the production of cucumbers for pickles. Fresh market cucumbers totaled 703 thousand cwt, accounting for 10 percent of the U.S. total. Production of snap beans for fresh market totaled 160 thousand cwt, up 11 percent from last year. Snap beans for processing totaled 52,560 tons, down 11 percent from last year. Fresh market cabbage production totaled 759 thousand cwt, down 10 percent from 2010. Production for carrots for fresh market totaled 468 thousand cwt, the second highest in the U.S. Celery production for fresh and processing markets was 882 thousand cwt, was down 12 percent from last year. Sweet corn for fresh market totaled 893 thousand cwt, down 5 percent from 2010. Onion production for fresh markets totaled 816 thousand cwt, 7 percent below 2010. Bell pepper production for fresh and processed markets totaled 351 thousand cwt, down 5 percent from last year. Pumpkins production for fresh and processed markets totaled 986 thousand cwt, up 4 percent from 2010. Squash production for fresh and processed markets totaled 1,216 thousand cwt, down 8 percent from 2010. Tomatoes for fresh market totaled 440 thousand cwt, up 10 percent from 2010. Tomatoes for processing totaled 105,000 tons, down 9 percent from 2010.

A wet spring caused planting delays for most vegetables. Crop conditions varied throughout the growing season. Harvest for most vegetables was slowed by wet fields in October. The growing season was reasonably good for the asparagus crop. No significant frost damage was reported in the spring. Harvest began in May and was completed in late June, later than average.

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, 2007-2011

Item	Unit	2007	2008	2009 [1]	2010 [1]	2011 [1]
Acres harvested	1,000 acres	115	105	107	105	103
Value of production	1,000 dollars	224,677	239,230	249,476	257,380	254,319

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

Principal vegetables, fresh market: Acres, production, and value, 2007-2011

Year	Planted	Harvested	Production	Value
	Acres	*Acres*	*1,000 cwt*	*1,000 dollars*
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
2011	55,800	52,700	7,890	178,150

Principal vegetables, processing: Acres, production, and value, 2007-2011

Year	Planted	Harvested	Production	Value
	Acres	*Acres*	*Tons*	*1,000 dollars*
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
2011 [1]	51,800	50,700	334,520	71,201

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

Vegetables, processing: Acres, production, and value, 2007-2011

Item and Year	Planted	Harvested	Yield	Production	Price per ton	Value
	Acres	*Acres*	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
Carrots						
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]						
2011 [1]						
Cucumbers						
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
2011	32,400	31,600	5.60	176,960	255.00	45,125
Snap beans						
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
2011	15,900	15,600	3.37	52,560	280.00	14,736
Tomatoes						
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
2011	3,500	3,500	30.00	105,000	108.00	11,340

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

Vegetables, fresh market: Acres, production, and value, 2007-2011

Item and year	Planted	Harvested	Yield	Production	Price per cwt	Value [1]
	Acres	*Acres*	*Cwt*	*1,000 cwt*	*Dollars*	*1,000 dollars*
Beans, snap						
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
2011	3,000	2,900	55	160	55.00	8,800
Cabbage						
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
2011	3,400	3,300	230	759	16.00	12,144
Carrots						
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
2011	1,900	1,800	260	468	16.30	7,628
Corn, sweet						
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
2011	10,200	9,500	94	893	23.00	20,539
Cucumbers						
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
2011	3,800	3,700	190	703	23.00	16,169
Onions						
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
2011	3,900	3,400	240	816	15.40	10,056
Tomatoes						
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
2011	2,100	2,000	220	440	40.00	17,600

[1] Value of sales for onions.

Vegetables, dual purpose: Acres, production, and value, 2007-2011

Item and year	Planted	Harvested	Yield	Production	Price per cwt	Value
	Acres	*Acres*	*Cwt*	*1,000 cwt*	*Dollars*	*1,000 dollars*
Asparagus						
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
2011	10,400	9,800	22	216	80.20	17,322
Celery						
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
2011	2,000	1,800	490	882	14.70	12,958
Peppers, bell						
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
2011	1,400	1,300	270	351	36.00	12,636
Pumpkins						
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
2011	7,200	6,800	145	986	17.00	16,762
Squash						
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
2011	6,500	6,400	190	1,216	21.00	25,536

U.S. Pickle stocks in tanks, barrels, and fresh pack, December 1, 2007-2011

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*
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	137,800	34,225	2,000	9,440	183,465
2011	182,863	65,191	2,250	9,211	259,515

Horticulture

Michigan maintained its third place national ranking in value of wholesale sales of floriculture products in 2011, behind California and Florida. Reports from Michigan's 584 commercial growers ($10K or more in gross sales) showed an estimated wholesale value of $376.1 million for all surveyed floriculture crops, down 8 percent from last year. 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:

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

- First, **annual bedding/garden plants** with $203.5 million in sales.
- Second, **propagative materials** with $68.0 million in sales.
- Third, **herbaceous perennial plants** with $57.1 million in sales.
- Fourth, **potted flowering plants** with $27.1 million in sales.

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

- **Impatiens (flats)** with 2.0 million flats sold, valued at $14.1million.
- **Begonia Hanging Baskets** with 502,000 baskets sold, valued at $3.7 million.
- **Geranium Hanging Baskets (cuttings)** with 802,000 baskets sold, valued at $5.7 million.
- **Impatiens New Guinea Hanging Baskets** with 483,000 sold, valued at $3.2 million.
- **Impatiens Other Hanging Baskets** with 505,000 sold, valued at $3.0 million.
- **Petunias Hanging Baskets** with 1.2 million baskets sold, valued at $7.2 million.
- **Potted Easter Lillies** with 1.0 million pots sold, valued at $4.4 million.
- **Potted Geraniums (seed)** with 17.3 million pots sold, valued at $15.4 million.
- **Potted Petunias** with 3.4 million pots sold, valued at $6.2 million.

Total covered area for all operations in the state was 48.7 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, 2007-2011

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*
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	60	83	38	125	178	137	621
2011	47	79	38	123	174	123	584

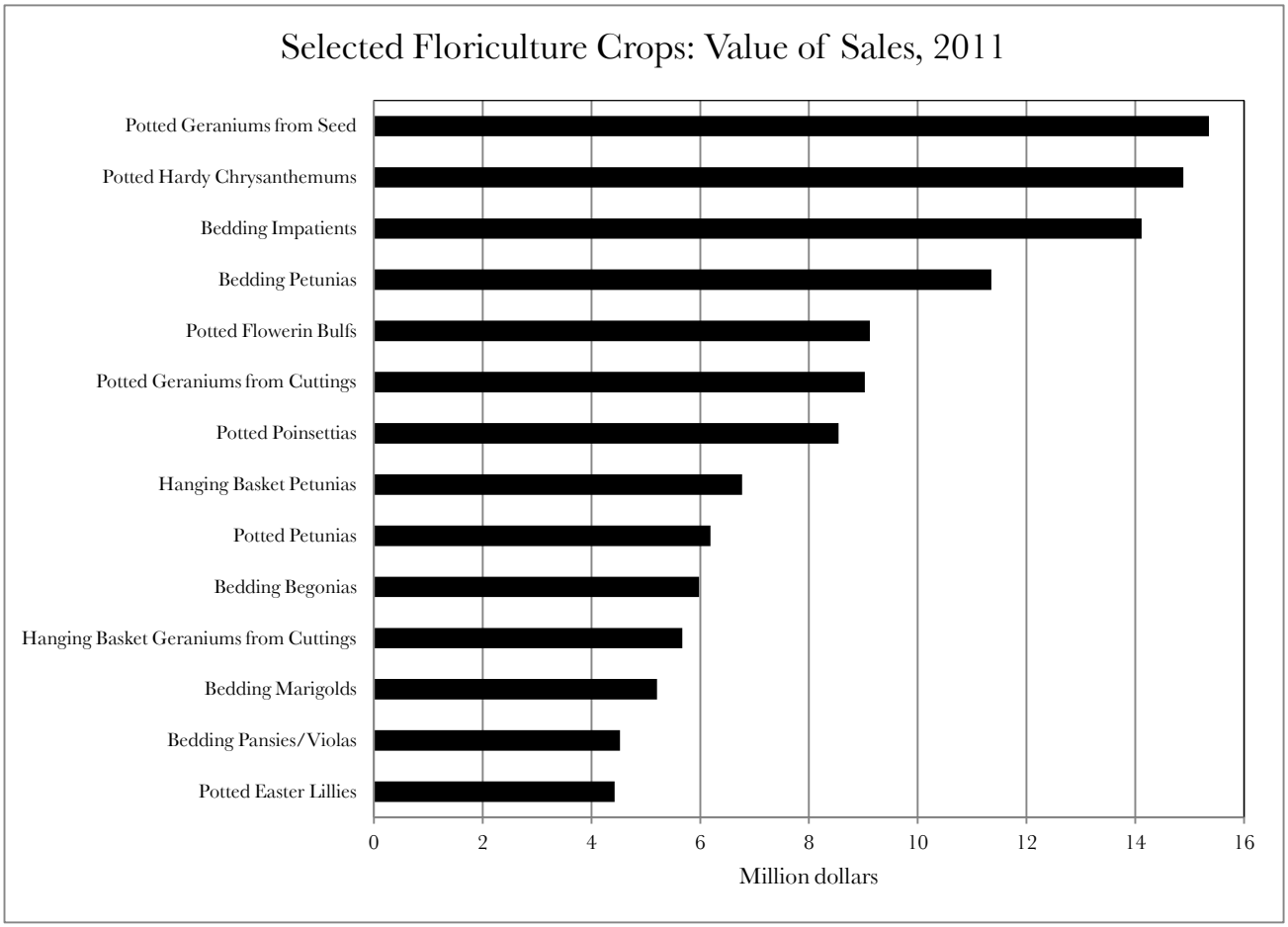
Floriculture crops: Growing area by type of cover, 2007-2011

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*
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	4,551	4,894	38,252	47,697	513	48,210	3,248
2011	4,345	4,896	38,732	47,973	732	48,705	3,616

Floriculture crops: Wholesale value of sales by category, 2007-2011

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*
2007	7,487	35,043	3,605	257,325	387,040	405,760
2008		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	32,137	7,812	265,936	394,618	408,133
2011	5,741	27,138	([2])	260,626	361,486	376,135

[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, 2007-2011

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					
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	199	828	86	7.54	6,243
2011	191	804	85	7.44	5,982
Geraniums from cuttings					
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
2011	12	41	83	16.07	659
Geraniums from seed					
2007	25	48	82	12.87	618
2008	22	48	78	11.90	571
2009	32	52	65	11.38	592
2010	25	174	88	10.02	1,743
2011	24	52	48	11.51	599
Impatiens					
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	207	2,079	86	7.07	14,699
2011	195	2,011	86	7.02	14,117
Marigolds					
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	206	740	89	7.43	5,498
2011	194	723	87	7.20	5,206
New Guinea Impatiens					
2007	15	43	48	8.34	359
2008	18	34	68	8.36	284
2009	31	53	83	7.50	398
2010	23	44	80	7.23	318
2011	25	41	78	7.03	288
Pansies/Violas					
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	186	652	92	6.80	4,434
2011	176	630	92	7.18	4,523
Petunias					
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	224	1,724	90	8.34	14,378
2011	210	1,454	88	7.81	11,356
Other flowering and foliar					
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	205	3,001	87	7.42	22,267
2011	201	3,270	88	7.52	24,590
Vegetables [1]					
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	166	971	85	7.82	7,593
2011	153	764	81	9.19	7,021

[1] Does not include vegetable transplants grown for commercial use.

Hanging baskets: Producers, quantity sold, price, and value, 2007-2011

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					
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	158	388	89	6.38	2,475
2011	150	502	89	7.34	3,685
Geraniums from cuttings					
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	195	811	86	6.93	5,620
2011	190	802	84	7.07	5,670
Geraniums from seed					
2007	23	61	97	5.54	338
2008	24	40	89	5.97	239
2009	34	79	93	7.13	563
2010	21	43	95	6.48	279
2011	21	36	95	6.63	239
Impatiens					
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	174	537	90	5.48	2,943
2011	168	505	86	5.89	2,974
Marigolds					
2007	([1])	([1])	([1])	([1])	([1])
2008	11	24	100	3.69	89
2009	9	24	98	3.90	94
2010	13	20	97	3.90	78
2011	14	22	96	4.27	94
New Guinea Impatiens					
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	181	491	88	6.77	3,324
2011	169	483	87	6.55	3,164
Pansies/Violas					
2007	43	145	96	5.14	745
2008	45	84	94	5.92	497
2009	43	371	98	4.86	1,803
2010	40	80	94	5.56	445
2011	45	96	90	5.61	539
Petunias					
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	1,194	91	5.67	6,770
2011	185	1,176	89	6.10	7,174
Other flowering					
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	2,471	86	7.20	17,791
2011	183	2,213	86	7.72	17,084
Foliage					
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	55	765	93	5.66	4,330
2011	([1])	([1])	([1])	([1])	([1])

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

Potted flowering and annual bedding plants: Producers, quantity sold, price, and value, 2007-2011

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								
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
2011	9	([1])	13	13	81	([1])	10.79	140
Begonias								
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	100	810	237	1,047	90	1.44	2.73	1,813
2011	109	551	166	717	82	1.46	3.27	1,347
Chrysanthemums, florist								
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
2011	13	8	22	30	86	1.65	5.69	138
Chrysanthemums, hardy garden								
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	1,338	4,890	6,228	95	1.20	2.75	15,053
2011	136	1,109	4,719	5,828	94	1.08	2.90	14,883
Easter Lilies								
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])	1,601	1,601	99	([1])	3.78	6,053
2011	27	([1])	1,021	1,021	98	([1])	4.34	4,429
Geraniums from cuttings								
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	213	2,269	1,590	3,859	72	1.93	3.39	9,769
2011	194	2,087	1,245	3,332	69	1.97	3.95	9,029
Geraniums from seed								
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	90	11,573	224	11,797	98	0.93	4.81	11,840
2011	91	17,262	55	17,317	93	0.88	3.01	15,356
Impatiens								
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	71	672	199	871	94	1.34	3.35	1,567
2011	74	577	197	774	90	1.29	3.57	1,448
Marigolds								
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	145	66	211	99	0.86	1.80	244
2011	23	106	122	228	99	0.86	2.44	389
New Guinea Impatiens								
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	168	1,924	565	2,489	92	1.22	2.19	3,585
2011	157	2,005	261	2,266	93	1.36	3.34	3,599

See footnote(s) at end of table.

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Potted flowering and annual bedding plants: Producers, quantity sold, price, and value, 2007-2011 (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								
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	1,302	520	1,822	99	0.85	2.34	2,324
2011	56	1,274	366	1,640	98	0.86	2.70	2,074
Petunias								
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	2,599	1,486	4,085	94	1.42	2.13	6,856
2011	114	2,223	1,169	3,392	92	1.70	2.06	6,187
Poinsettias								
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	56	567	1,748	2,315	94	1.98	4.50	8,989
2011	56	515	1,662	2,177	95	2.00	4.52	8,542
Roses, florist								
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	8	([1])	6	6	34	([1])	7.00	42
2011	6	([1])	4	4				
Flowering bulbs								
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	32	4,101	2,386	6,487	100	0.82	3.40	11,475
2011	33	2,549	1,974	4,523	100	0.89	3.47	9,118
Other flowering plants								
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	36	763	526	1,289	90	1.33	3.84	3,035
2011	40	367	385	752	76	1.47	4.74	3,035
Other flowering and foliar type bedding plants								
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	16,705	5,607	22,312	91	1.37	3.42	42,062
2011	154	17,013	3,616	20,629	87	1.31	4.25	37,655
Vegetable type [2]								
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	116	6,264	1,494	7,758	93	0.92	2.87	10,051
2011	122	6,120	500	6,620	92	1.42	5.57	11,475

[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, 2007-2011

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										
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	103	690	489	56	1,235	92	1.61	3.76	7.85	3,389
2011	102	1,002	437	34	1,473	94	1.88	3.60	10.65	3,819
Other	127	8,184	8,007	279	16,470	90	1.48	3.54	6.72	42,332
2007	124	13,350	7,343	432	21,125	92	1.36	3.71	6.70	48,293
2008	143	8,894	8,094	639	17,627	93	1.72	3.82	6.57	50,415
2009	124	6,158	6,025	1,133	13,316	87	1.70	3.76	5.91	39,819
2010	120	5,902	5,638	150	11,690	87	2.18	4.32	7.79	38,391

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	2,989	2011	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	8,478	2011	3,941	1927	1924
Sheep	1,000 head	3,100	1867	62	1999	1867
Wool	1,000 pounds	8,424	1934	380	2009,2010	1934

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

Cattle and Calves

The January 1, 2012, Michigan cattle herd was 1.11 million head, up 2 percent from a year earlier. The milk cow inventory, 371,000 head, was up 10,000 from the previous year; milk cow replacement heifers increased by 10,000 to 158,000 head. The beef cow inventory increased to 109,000 head; beef cow replacements numbered 27,000 head. The number of steers decreased, by 17,000 to 173,000 head. The 2011 calf crop was 390,000 head, up 5,000 from the previous year.

Cash receipts from cattle and calf marketings totaled $433.7 million, up 14 percent from 2010. The liveweight marketed was 437.3 million pounds, 9 percent below the 2010 total. The top 5 counties in cattle and calves inventory on January 1, 2012, were Huron, Sanilac, Ionia, Clinton, and Allegan.

Cattle and calves: Number on farms by class, January 1, 2008-2012

Class	2008	2009	2010	2011	2012
	1,000 head	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*
All cows that have calved	450	445	450	460	480
Beef cows	106	92	96	99	109
Milk cows	344	353	354	361	371
Heifers, 500 pounds and over	213	225	235	225	230
Beef cow replacement	31	27	27	27	27
Milk cow replacement	137	148	158	148	158
Other	45	50	50	50	45
Steers, 500 pounds and over	195	185	200	190	173
Bulls, 500 pounds and over	16	15	15	15	17
Calves, under 500 pounds	196	200	200	200	210
All cattle and calves	1,070	1,070	1,100	1,090	1,110

Cattle and calves: Balance sheet, 2007-2011

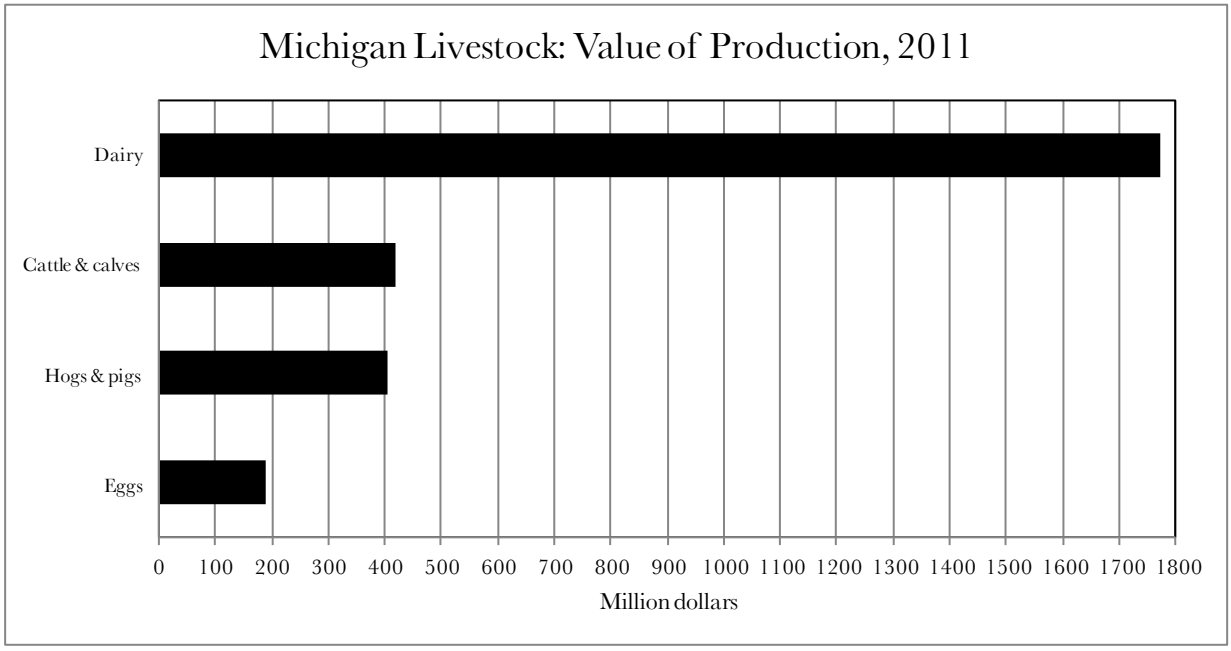
Year	All cattle and calves on hand January 1	Calf crop	Inshipments	Marketings [1]		Farm slaughter cattle and calves [2]	Deaths		All cattle and calves on hand following January 1
				Cattle	Calves		Cattle	Calves	
	1,000 head	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*
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
2011	1,090	390	58	318	38	3	23	46	1,110

[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, 2007-2011

Year	Production [1]	Marketings [2]	Average price per cwt		Value of production	Cash receipts [4]	Value of home consumption	Gross income
			All beef	Calves				
	1,000 pounds	*1,000 pounds*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
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
2011	425,512	437,325	([3])	([3])	418,199	433,661	12,721	446,382

[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". "All Beef" price and "Calves" price discontinued in 2011.
[4] Receipts from marketings and sale of farm slaughter.



Dairy

Milk production in Michigan during 2011 was 8,478 million pounds, up 1.7 percent from 2010. Michigan ranked eighth nationally in milk production in 2011, accounting for 4.3 percent of U.S. production. Huron, Clinton, and Sanilac were the three top counties in milk cows.

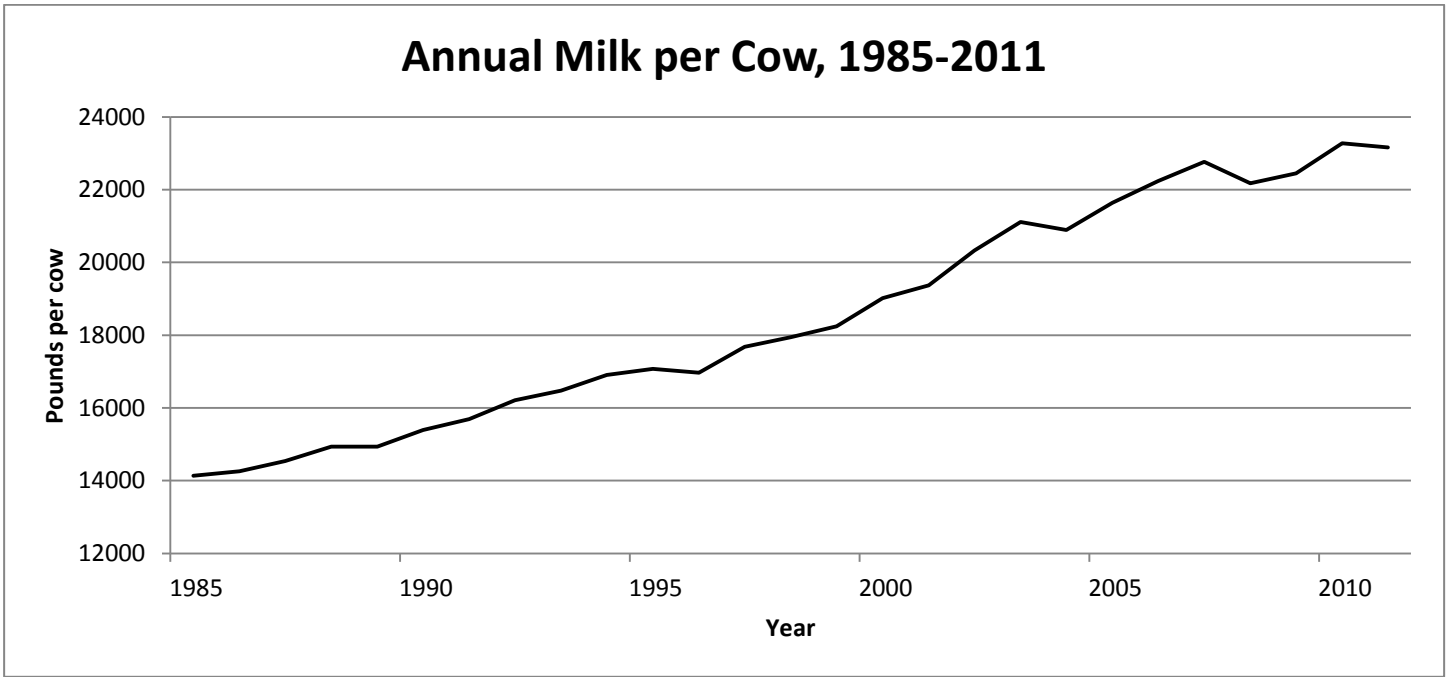
The annual average number of milk cows on Michigan farms during 2011 was 366,000 head, up 8,000 from 2010. Milk production per cow was 23,164 pounds in 2011, compared with 23,277 pounds during 2010. The average butterfat content was 3.66 percent, up from 3.59 in 2010.

Milk prices during the year averaged $21.00 per cwt., up $4.00 from 2010. Cash receipts from milk sales totaled $1,774.3 million, up 25.7 percent from 2010. Milk continued as the top commodity for Michigan cash receipts in 2011.

Milk: Production, utilization, marketings, and value, 2007-2011

Item	Unit	2007	2008	2009	2010	2011
Production						
Total milk produced on farms	Million pounds	7,625	7,763	7,968	8,333	8,478
Milkfat produced	Million pounds	275.3	282.6	289.2	299.2	310.3
Milkfat	Percent	3.61	3.64	3.63	3.59	3.66
Utilization						
Milk used where produced						
Fed to calves	Million pounds	23	23	26	25	27
Used for milk, cream, and butter	Million pounds	2	2	2	2	2
Milk marketed by producers	Million pounds	7,600	7,738	7,940	8,306	8,449
Average return per 100 pounds of milk	Dollars	19.70	19.20	13.40	17.00	21.00
Average return per pound milkfat	Dollars	5.46	5.27	3.69	4.74	5.74
Fluid grade	Percent	100	100	100	100	100
Total cash receipts	1,000 dollars	1,497,200	1,485,696	1,063,960	1,412,020	1,774,290
Value						
Value of milk used where produced [1]	1,000 dollars	4,925	4,800	3,752	4,590	6,090
Total value of milk produced	1,000 dollars	1,502,125	1,490,496	1,067,712	1,416,610	1,780,380

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



Milk cows: Number by month, 2007-2011

Month	2007	2008	2009	2010	2011
	1,000 head	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*
January	329	344	354	354	363
February	328	344	354	355	364
March	329	345	355	357	364
April	331	347	356	357	362
May	332	350	357	359	364
June	334	351	357	359	364
July	336	352	356	359	366
August	338	352	355	359	366
September	339	352	355	359	367
October	341	353	355	360	369
November	343	353	354	360	369
December	344	354	354	361	370
Annual	335	350	355	358	366

Milk production: Total by month, 2007-2011

Month	2007	2008	2009	2010	2011
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
January	640	657	660	680	711
February	576	605	602	627	652
March	645	645	673	710	723
April	636	638	664	703	708
May	654	677	698	741	743
June	638	653	675	718	713
July	655	669	692	725	712
August	649	655	678	702	710
September	620	630	651	677	686
October	638	651	660	689	710
November	626	628	639	662	688
December	648	655	676	699	722
Annual	7,625	7,763	7,968	8,333	8,478

Milk: Production per cow, by month, 2007-2011

Month	2007	2008	2009	2010	2011
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*
January	1,945	1,910	1,865	1,920	1,960
February	1,755	1,760	1,700	1,765	1,790
March	1,960	1,870	1,895	1,990	1,985
April	1,920	1,840	1,865	1,970	1,955
May	1,970	1,935	1,955	2,065	2,040
June	1,910	1,860	1,890	2,000	1,960
July	1,950	1,900	1,945	2,020	1,945
August	1,920	1,860	1,910	1,955	1,940
September	1,830	1,790	1,835	1,885	1,870
October	1,870	1,845	1,860	1,915	1,925
November	1,825	1,780	1,805	1,840	1,865
December	1,885	1,850	1,910	1,935	1,950
Annual	22,761	22,180	22,445	23,277	23,164

Dairy Products, by Region, 2007-2011

Product	Region	2007	2008	2009	2010	2011
		Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
Cheese, total [1]	Central	4,081.4	4,342.6	4,550.2	4,621.3	4,700.2
Cheese, American type [2]	Central	1,646.6	1,856.4	1,984.8	2,005.6	1,998.5
Cheese, Italian	Central	1,556.2	1,602.6	1,672.7	1,711.3	1,823.9
Butter	Central	663.4	686.4	651.5	573.4	702.7
Cottage cheese, lowfat	Central	NA	NA	143.7	153.3	137.8
Cottage cheese, creamed	Central	NA	NA	167.7	167.8	153.0
Cottage cheese curd	Central	NA	NA	176.7	184.8	171.9
Yogurt, plain and flavored	Central	NA	1,761.7	1,916.8	1,992.3	1,913.9
Condensed skim milk, unsweetened, bulk	Central	393.3	379.4	337.0	334.9	325.5
Nonfat dry milk for human food	Central	160.5	190.6	162.0	137.1	159.7
Dry whey for human food	Central	497.5	476.7	470.2	472.9	461.5
		1,000 gallons	*1,000 gallons*	*1,000 gallons*	*1,000 gallons*	*1,000 gallons*
Ice cream, regular, hard	Central	NA	459,050	440,952	430,759	416,016
Ice cream, lowfat, total	Central	NA	NA	223,383	220,910	253,206
Sherbet, hard	Central	NA	NA	30,870	27,979	25,784
Frozen yogurt mix	Central	NA	NA	11,137	11,049	11,585
Ice cream mix, regular	Central	NA	NA	236,179	243,490	233,392
Ice cream mix, lowfat	Central	NA	NA	133,500	137,799	150,761
Ice cream mix, lowfat	Michigan	NA	NA	13,921	18,256	25,911
		Number	*Number*	*Number*	*Number*	*Number*
Number of Plants	United States	1,123	1,125	1,203	1,250	1,278
Number of Plants	Michigan	40	40	39	41	55

[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

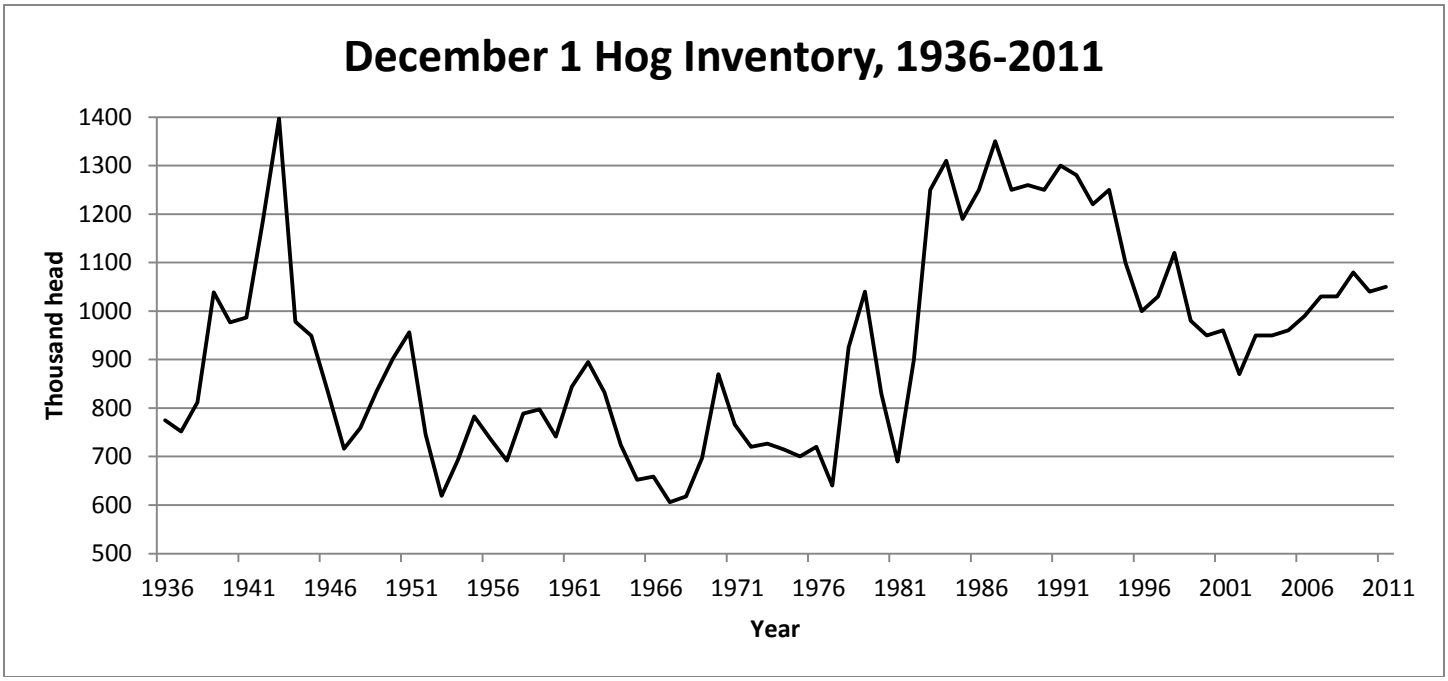
Hogs and Pigs

The December 1, 2011, Michigan hog inventory was 1.05 million head, down 10 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 2010 through November 2011, 207,000 sows farrowed; the litter rate was 9.95 pigs per litter. The resulting Michigan 2011 pig crop was 2.060 million head, down 1 percent from the previous year. Hog production totaled 619 million pounds in 2011, down slightly from 2010. Marketings of hogs and pigs totaled 624.1 million pounds in 2011, down 1 percent from 2010. Michigan hog producers received an average of $66.20 per cwt in 2011, compared with the 2010 average price of $50.00 per cwt. Cash receipts generated from hogs and pigs totaled $419.1 million, up 31 percent from a year earlier.

Hogs and pigs: Inventory, 2008-2012

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							
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
2012	290	200	205	195	890	110	1,000
June 1							
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
2011	300	250	190	190	930	110	1,040
2012	280	210	215	205	910	110	1,020
September 1							
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
2011	300	260	215	215	990	110	1,100
December 1							
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
2011	300	200	220	220	940	110	1,050

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



Hogs and pigs: Sows farrowing and pig crop, 2007-2012

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*
2008	52	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	53	10.00	530
2012	50	9.90	495	50	10.10	505
	June-August			September-November		
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	515
2011	52	10.00	520	52	10.00	520

[1] December of previous year.

Hogs and pigs: Balance sheet, 2007-2011

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*
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	2,073	237	2,269	3	78	1,040
2011	1,040	2,070	264	2,252	2	70	1,050

[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, 2007-2011

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*
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	619,869	629,620	50.00	307,117	319,388	401	319,789
2011	618,558	624,110	66.20	405,044	419,148	662	419,810

[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 2011 totaled 4.74 million pounds, up 15 percent from 2010. This estimate included honey from producers with 5 or more colonies. Nationally, Michigan ranked seventh in honey production in 2011. Michigan was ranked ninth in 2010. Yields from Michigan's 74,000 colonies producing honey averaged 64 pounds in 2011, compared with 58 pounds the previous year.

Michigan honey price averaged $1.76 per pound, up 9 cents per pound from last year. Value of production totaled $8.34 million, up 21 percent from 2010. Honey stocks were 2.08 million pounds, up 37 percent from 2010.

Honey: Production and value, 2007-2011 [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*
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	71	58	4,118	167	6,877	1,524
2011	74	64	4,736	176	8,335	2,084

[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, 2008-2012

Year	2008	2009	2010	2011	2012
	Number	*Number*	*Number*	*Number*	*Number*
Pelts produced	44,100	45,300	40,500	43,200	([1])
Females bred to produce kits	10,300	10,900	11,100	11,750	13,400

[1] Published in July 2013.

Poultry

The combined value of production in Michigan from eggs and other chickens (primarily culled layers) during 2011 was $190.0 million, up 17 percent from a year earlier. Egg production totaled 3.0 billion eggs, up 3 percent from last year. The market egg price averaged 76 cents per dozen, up 9 cents from 2010. The number of chickens sold was 4.3 million birds in 2011, up 9 percent from last year.

Chickens: Layers on hand, December 1, 2007-2011

Class	2007	2008	2009	2010	2011
	1,000 birds	*1,000 birds*	*1,000 birds*	*1,000 birds*	*1,000 birds*
Total layers	9,141	9,638	10,384	10,432	10,726
Pullets not of laying age	1,835	1,890	2,157	2,658	2,258
Other chickens	1	1	2	2	0
All chickens (excluding broilers)	10,977	11,529	12,543	13,092	12,984

All eggs: Production and value, 2007-2011 [1]

Year	Eggs produced	Price per dozen	Value of production
	Million	*Dollars*	*1,000 dollars*
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
2011	2,989	0.763	189,998

[1] December 1 previous year through November 30.

All egg production, by month, 2007-2011

Month	2007	2008	2009	2010	2011
	Million eggs	*Million eggs*	*Million eggs*	*Million eggs*	*Million eggs*
December	214	225	236	246	252
January	208	217	236	242	252
February	195	204	213	222	229
March	223	226	237	252	261
April	217	215	221	247	258
May	219	216	227	243	255
June	205	213	228	224	242
July	212	226	238	245	255
August	211	227	244	252	245
September	207	221	233	243	236
October	227	233	237	250	255
November	225	230	234	246	255
Total [1]	2,563	2,653	2,784	2,912	2,989

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

All layers: Average number on hand during the month, 2007-2011

Month	2007	2008	2009	2010	2011
	1,000 birds	*1,000 birds*	*1,000 birds*	*1,000 birds*	*1,000 birds*
December	9,102	9,082	9,594	10,232	10,269
January	8,901	9,032	9,601	10,225	10,269
February	9,016	9,134	9,610	10,325	10,298
March	9,133	9,189	9,830	10,273	10,422
April	9,090	9,149	9,790	10,216	10,496
May	8,825	9,117	9,787	10,132	10,352
June	8,813	9,257	9,952	10,121	10,287
July	8,941	9,331	9,656	10,099	10,147
August	8,744	9,230	9,695	10,129	9,991
September	8,789	9,191	10,022	10,074	10,175
October	8,950	9,348	10,208	9,906	10,540
November	9,088	9,590	10,328	10,150	10,724
Annual [1]	8,949	9,221	9,839	10,157	10,326

[1] December 1 previous year through November 30.

Sheep and Goats

All sheep and lamb inventory in Michigan on January 1, 2012, was estimated at 79,000 head, up 5,000 head from the previous year. The breeding sheep inventory was 58,000 head; market sheep and lambs totaled 21,000 head. The 2011 Michigan lamb crop was 64,000 head, up 4,000 from 2010. Sheep shorn in 2011 totaled 66,000 head, up 3,000 from 2010. The weight per fleece was 6.2 pounds, and wool production was 410,000 pounds. Wool production was valued at $246,000.

There were 10,000 milk goats on January 1, 2012, down 800 from a year earlier. The number of goats in the meat and other category rose to 18,000 head from 14,500 head on January 1, 2011.

Sheep and lambs: Number on farms by class, January 1, 2008-2012

Class	2008	2009	2010	2011	2012
	1,000 Head	*1,000 Head*	*1,000 Head*	*1,000 Head*	*1,000 Head*
Breeding sheep 1 year and older					
Ewes	48	47	46	44	43
Rams	3	3	3	3	3
Replacement lambs	12	10	12	11	12
Total market sheep and lambs	19	18	19	16	21
All sheep and lambs	82	78	80	74	79

Sheep and lambs: Lamb crop, 2007-2011

Year	Breeding ewes [1]	Lambs per 100 ewes [1]	Lamb crop
	1,000 Head	*Number*	*1,000 Head*
2007	47	145	68
2008	48	135	65
2009	47	138	65
2010	46	130	60
2011	44	145	64

[1] Ewes 1 year and older January 1.

Sheep and lambs: Balance sheet, 2007-2011

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*
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
2011	74	64	0.0	0.0	0.0	0.0	0.0	0.0	79

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

Sheep and lambs: Wool production and value, 2007-2011

Year	Sheep shorn	Weight per fleece	Production	Price per pound	Value of production
	1,000 Head	*Pounds*	*1,000 Pounds*	*Cents*	*1,000 Dollars*
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
2011	66	6.2	410	60	246

Goats: Number by class, January 1, 2008-2012

Year	Milk	Meat and other
	Head	*Head*
2008	8,400	12,000
2009	9,100	13,500
2010	10,900	16,000
2011	10,800	14,500
2012	10,000	18,000

Trout

The value of all trout sold and distributed in Michigan was $831,000 of trout in 2011. This is up 8 percent from last year.

Trout 12 inches or longer had sales of 214,000 pounds with an average liveweight of 1.0 pounds per fish. Trout between 6 and 12 inches had sales of 45,000 pounds with an average liveweight of 0.4 pounds per fish. Trout between 1 and 6 inches had sales of 4,000 pounds with an average liveweight of 40 pounds per 1,000 fish.

Losses of trout in Michigan amounted to 227,000 fish, weighing 42,000 pounds.

Trout: Sales, 12 inches or longer , 2007-2011

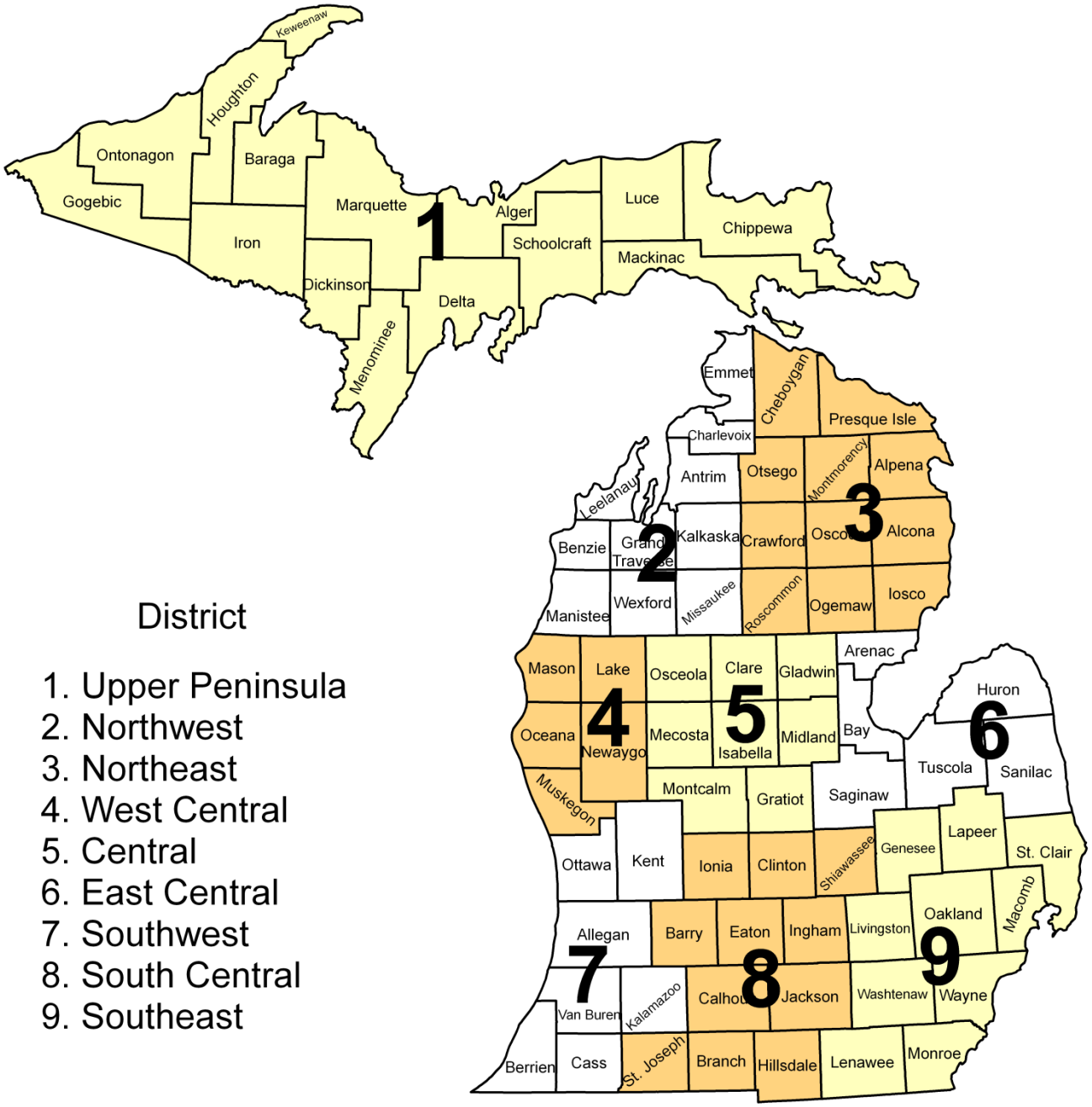
Year	Number of fish sold	Live weight	Sales	
			Total	Average per pound
	1,000	*1,000*	*1,000 dollars*	*Dollars*
2007	240	236	675	2.86
2008	300	296	864	2.92
2009	300	340	751	2.21
2010	260	283	594	2.10
2011	220	214	599	2.80

Trout: Value of Fish Sold, Distributed & Lost , 2007-2011

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*
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
2011	831	1,331	227	42

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, 2011 [1]

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

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

Principal counties for livestock [1]

Rank	January 1, 2012 Cattle and Calves	Hogs and pigs [2]	January 1, 2012 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, 2010-2011 [1]

County and district	2010				2011			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Delta	2,900	2,300	133.5	307	3,600	2,700	76.3	206
Dickinson					1,200	600	80.0	48
Menominee	15,400	7,600	136.2	1,035	16,700	8,000	66.3	530
Other counties	3,200	1,600	136.3	218	2,200	700	80.0	56
Upper Peninsula	21,500	11,500	135.7	1,560	23,700	12,000	70.0	840
Antrim	3,600	2,100	121.4	255	4,200	3,000	114.7	344
Benzie	1,200	600	120.0	72	1,200	900	76.7	69
Charlevoix	2,700	2,400	114.6	275	2,900	2,600	105.8	275
Grand Traverse	7,000	6,300	115.9	730	7,900	6,900	102.2	705
Kalkaska					800	700	80.0	56
Leelanau	2,600	2,300	104.3	240	3,000	2,600	74.6	194
Manistee	2,400	1,900	131.6	250				
Missaukee	18,500	8,600	152.3	1,310	21,300	8,800	141.5	1,245
Wexford	5,000	3,700	124.3	460	5,600	4,700	113.8	535
Other counties	2,000	1,100	98.2	108	4,100	2,800	95.4	267
Northwest	45,000	29,000	127.6	3,700	51,000	33,000	111.8	3,690
Alcona					2,700	1,500	83.3	125
Alpena	5,800	4,200	127.4	535	6,100	5,300	112.3	595
Cheboygan					1,300	400	110.0	44
Iosco	5,800	4,000	146.3	585	5,800	3,400	150.0	510
Montmorency	1,700	1,400	117.9	165	1,900	1,500	109.3	164
Ogemaw	12,800	9,000	137.8	1,240	12,600	9,200	142.9	1,315
Oscoda	600	200	115.0	23				
Otsego					1,200	1,100	98.2	108
Presque Isle	5,000	4,100	126.8	520	6,000	4,300	124.4	535
Other counties	4,800	3,600	153.3	552	700	300	113.3	34
Northeast	36,500	26,500	136.6	3,620	38,300	27,000	127.0	3,430
Lake	1,200	800	143.8	115	1,700	1,300	138.5	180
Mason	13,700	10,900	151.4	1,650	14,500	10,800	128.7	1,390
Muskegon	17,200	13,100	153.8	2,015	17,900	14,900	140.3	2,090
Newaygo	29,100	18,700	137.4	2,570	29,100	22,800	128.5	2,930
Oceana	15,800	14,500	146.2	2,120	18,800	18,200	127.5	2,320
West Central	77,000	58,000	146.0	8,470	82,000	68,000	131.0	8,910
Clare	5,100	2,800	126.8	355	5,500	4,000	122.5	490
Gladwin	8,200	6,800	152.9	1,040	9,300	8,500	156.5	1,330
Gratiot	95,000	80,700	145.0	11,700	94,000	80,500	155.5	12,520
Isabella	39,000	30,800	145.5	4,480	41,000	35,400	146.6	5,190
Mecosta	21,000	18,000	142.5	2,565	24,000	20,500	136.6	2,800
Midland	22,000	21,400	161.0	3,445	23,000	22,800	161.8	3,690
Montcalm	65,000	57,900	135.9	7,870	67,000	63,500	146.8	9,320
Osceola	9,700	4,600	144.6	665	11,200	6,800	139.7	950
Central	265,000	223,000	144.0	32,120	275,000	242,000	150.0	36,290
Arenac	15,000	13,400	152.2	2,040	17,000	15,500	160.6	2,490
Bay	50,000	47,400	163.3	7,740	57,000	55,000	169.3	9,310
Huron	111,000	94,200	172.5	16,250	122,000	87,000	175.6	15,280
Saginaw	98,000	94,100	143.5	13,500	97,000	93,000	150.2	13,970
Sanilac	104,000	82,500	154.9	12,780	110,000	87,000	161.8	14,080
Tuscola	82,000	77,400	148.4	11,490	87,000	84,500	156.4	13,220
East Central	460,000	409,000	156.0	63,800	490,000	422,000	162.0	68,350

See footnote(s) at end of table.

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Corn: Acreage, yield, and production, by county, 2010-2011 [1] (continued)

County and district	2010				2011			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Allegan	85,000	73,800	152.0	11,220	84,000	74,000	175.3	12,970
Berrien	46,000	43,800	159.4	6,980	46,000	40,500	163.0	6,600
Cass	79,000	76,500	168.5	12,890	85,000	84,500	168.0	14,200
Kalamazoo	56,000	53,200	155.8	8,290	64,000	60,000	162.3	9,740
Kent	45,000	35,400	148.6	5,260	47,000	40,000	163.3	6,530
Ottawa	50,000	41,000	147.1	6,030	50,000	41,500	148.7	6,170
Van Buren	44,000	40,300	165.3	6,660	54,000	50,500	179.6	9,070
Southwest	405,000	364,000	157.5	57,330	430,000	391,000	167.0	65,280
Barry	45,000	33,500	146.0	4,890	43,000	31,500	153.0	4,820
Branch	86,000	80,600	145.2	11,700	90,000	78,500	156.4	12,280
Calhoun	82,000	75,500	149.3	11,270	85,000	80,500	144.5	11,630
Clinton	80,000	64,200	137.7	8,840	78,000	59,000	151.9	8,960
Eaton	64,000	59,100	161.9	9,570	57,000	55,000	147.5	8,110
Hillsdale	65,000	59,900	140.6	8,420	74,000	65,000	139.4	9,060
Ingham	52,000	47,800	158.8	7,590	56,000	54,500	148.4	8,090
Ionia	87,000	69,400	160.7	11,150	81,000	67,000	165.1	11,060
Jackson	57,000	52,500	140.8	7,390	58,000	51,500	130.1	6,700
St Joseph	88,000	81,200	147.2	11,950	92,000	83,500	163.1	13,620
Shiawassee	59,000	52,300	132.5	6,930	56,000	52,000	141.5	7,360
South Central	765,000	676,000	147.5	99,700	770,000	678,000	150.0	101,690
Genesee	31,000	28,900	131.5	3,800	27,000	25,000	134.4	3,360
Lapeer	35,000	31,700	139.4	4,420	35,000	32,000	139.1	4,450
Lenawee	97,000	90,900	156.8	14,250	102,000	94,500	149.6	14,140
Livingston	21,000	19,000	145.3	2,760	20,500	18,600	139.5	2,595
Macomb	13,500	12,100	139.7	1,690	12,000	11,100	149.5	1,660
Monroe	55,000	53,600	154.1	8,260	65,000	63,400	156.6	9,930
Oakland	2,200	1,900	123.7	235	1,800	1,700	129.4	220
St Clair	32,000	29,300	143.7	4,210	32,000	29,000	145.5	4,220
Washtenaw	37,000	34,300	142.9	4,900	43,000	40,000	144.5	5,780
Wayne	1,300	1,300	134.6	175	1,700	1,700	138.2	235
Southeast	325,000	303,000	147.5	44,700	340,000	317,000	147.0	46,590
Michigan	2,400,000	2,100,000	150.0	315,000	2,500,000	2,190,000	153.0	335,070

[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, 2010-2011 [1]

County and district	2010				2011			
	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	1,300	1,300	880	11.5	1,200	1,100	2,100	23.1
Upper Peninsula	1,300	1,300	880	11.5	1,200	1,100	2,100	23.1
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	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Northeast	(D)	(D)	(D)	(D)	(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	(D)	(D)	(D)	(D)	5,900	5,700	1,680	96.0
Isabella	(D)	(D)	(D)	(D)	2,600	2,600	1,600	41.6
Mecosta	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Midland	(D)	(D)	(D)	(D)	2,900	2,600	1,960	51.0
Montcalm	(D)	(D)	(D)	(D)	7,000	6,900	1,610	111.0
Other counties	(D)	(D)	(D)	(D)	2,500	2,500	1,820	45.4
Central	(D)	(D)	(D)	(D)	20,900	20,300	1,700	345.0
Arenac	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Bay	23,000	22,900	1,580	362.0	16,000	15,900	1,800	286.0
Huron	86,000	85,800	1,890	1,620.0	58,500	58,200	2,250	1,309.0
Saginaw	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Sanilac	(D)	(D)	(D)	(D)	18,500	18,400	1,990	367.0
Tuscola	40,700	40,700	1,970	801.0	32,000	31,900	2,000	639.0
Other counties	41,300	41,000	1,770	727.0	10,000	9,800	2,130	209.0
East Central	191,000	190,400	1,840	3,510.0	135,000	134,200	2,090	2,810.0
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	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Southwest	(D)	(D)	(D)	(D)	(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	3,100	3,000	1,670	50.0	(D)	(D)	(D)	(D)
South Central	3,100	3,000	1,670	50.0	(D)	(D)	(D)	(D)
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)	1,900	1,900	2,100	39.9
Southeast	(D)	(D)	(D)	(D)	1,900	1,900	2,100	39.9
Other districts	40,600	40,300	1,630	658.5	11,000	10,500	1,350	142.0
Michigan	236,000	235,000	1,800	4,230.0	170,000	168,000	2,000	3,360.0

(D) Withheld to avoid disclosing data for individual farms

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

Oats: Acreage, yield, and production, by county, 2010-2011 [1]

County and district	2010				2011			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Alger	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Baraga	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Chippewa	1,400	800	40.0	32.0	700	500	56.0	28.0
Delta	(D)	(D)	(D)	(D)	1,100	1,000	70.0	70.0
Dickinson	800	700	50.0	35.0	500	500	45.0	22.5
Gogebic	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Houghton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Iron	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Keweenaw	-	-	-	-	-	-	-	-
Luce	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mackinac	900	600	53.3	32.0	(D)	(D)	(D)	(D)
Marquette	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Menominee	(D)	(D)	(D)	(D)	1,100	800	65.0	52.0
Ontonagon	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Schoolcraft	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	7,400	6,000	65.2	391.0	2,600	2,000	58.8	117.5
Upper Peninsula	10,500	8,100	60.5	490.0	6,000	4,800	60.4	290.0
Antrim	800	600	61.7	37.0	600	300	52.0	15.6
Benzie	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Charlevoix	500	400	72.5	29.0	(D)	(D)	(D)	(D)
Emmet	600	500	52.0	26.0	(D)	(D)	(D)	(D)
Grand Traverse	1,700	1,500	63.3	95.0	1,000	800	60.0	48.0
Kalkaska	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leelanau	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Manistee	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Missaukee	1,500	1,100	68.2	75.0	900	500	65.0	32.5
Wexford	700	600	63.3	38.0	600	500	60.6	30.3
Other counties	1,200	800	56.3	45.0	1,400	1,100	57.8	63.6
Northwest	7,000	5,500	62.7	345.0	4,500	3,200	59.4	190.0
Alcona	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Alpena	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Cheboygan	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Crawford	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Iosco	(D)	(D)	(D)	(D)	700	600	73.0	43.8
Montmorency	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ogemaw	2,600	1,800	68.3	123.0	(D)	(D)	(D)	(D)
Oscoda	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Otsego	600	500	54.0	27.0	(D)	(D)	(D)	(D)
Presque Isle	2,600	2,500	62.0	155.0	2,100	1,900	67.4	128.0
Roscommon	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	5,200	3,700	66.2	245.0	3,700	2,600	60.8	158.2
Northeast	11,000	8,500	64.7	550.0	6,500	5,100	64.7	330.0
Lake	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mason	1,200	1,000	72.0	72.0	500	400	70.0	28.0
Muskegon	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Newaygo	1,600	1,200	50.0	60.0	500	300	50.0	15.0
Oceana	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	2,200	1,800	71.1	128.0	1,000	800	67.5	54.0
West Central	5,000	4,000	65.0	260.0	2,000	1,500	64.7	97.0
Clare	1,100	1,000	65.0	65.0	600	600	62.5	37.5
Gladwin	1,000	900	84.4	76.0	(D)	(D)	(D)	(D)
Gratiot	600	500	60.0	30.0	(D)	(D)	(D)	(D)
Isabella	2,400	2,000	67.0	134.0	1,300	1,200	69.0	82.8
Mecosta	(D)	(D)	(D)	(D)	1,600	1,400	60.0	84.0
Midland	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Montcalm	3,100	2,800	61.4	172.0	1,900	800	56.0	44.8
Osceola	1,300	1,100	60.0	66.0	700	600	54.0	32.4
Other counties	3,500	3,100	66.8	207.0	900	600	70.8	42.5
Central	13,000	11,400	65.8	750.0	7,000	5,200	62.3	324.0

See footnote(s) at end of table.

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Oats: Acreage, yield, and production, by county, 2010-2011 [1] (continued)

County and district	2010				2011			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Arenac	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Bay	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Huron	2,200	2,100	99.0	208.0	900	800	84.0	67.2
Saginaw	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Sanilac	3,300	3,100	88.4	274.0	1,300	1,200	83.3	100.0
Tuscola	900	800	76.3	61.0	(D)	(D)	(D)	(D)
Other counties	2,600	2,200	71.4	157.0	1,800	1,200	79.8	95.8
East Central	9,000	8,200	85.4	700.0	4,000	3,200	82.2	263.0
Allegan	(D)	(D)	(D)	(D)	800	700	70.0	49.0
Berrien	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Cass	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Kalamazoo	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Kent	1,300	1,100	73.6	81.0	(D)	(D)	(D)	(D)
Ottawa	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Van Buren	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	3,700	1,900	78.4	149.0	1,700	1,300	66.2	86.0
Southwest	5,000	3,000	76.7	230.0	2,500	2,000	67.5	135.0
Barry	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Branch	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Calhoun	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Clinton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Eaton	900	800	68.8	55.0	(D)	(D)	(D)	(D)
Hillsdale	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ingham	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ionia	(D)	(D)	(D)	(D)	600	500	63.2	31.6
Jackson	700	600	61.7	37.0	(D)	(D)	(D)	(D)
St Joseph	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Shiawassee	1,700	1,200	68.3	82.0	500	300	66.7	20.0
Other counties	7,200	5,600	67.1	376.0	3,900	2,400	60.6	145.4
South Central	10,500	8,200	67.1	550.0	5,000	3,200	61.6	197.0
Genesee	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Lapeer	1,100	1,000	66.0	66.0	(D)	(D)	(D)	(D)
Lenawee	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Livingston	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Macomb	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Monroe	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oakland	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
St Clair	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Washtenaw	700	600	61.7	37.0	(D)	(D)	(D)	(D)
Wayne	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	2,200	1,500	68.0	102.0	2,500	1,800	52.2	94.0
Southeast	4,000	3,100	66.1	205.0	2,500	1,800	52.2	94.0
Other districts	-	-	-	-	-	-	-	-
Michigan	75,000	60,000	68.0	4,080.0	40,000	30,000	64.0	1,920.0

(D) Withheld to avoid disclosing data for individual farms. Counties not published are included in 'other counties' or 'other district' total.
(-) No reports of commodity grown.

Soybeans: Acreage, yield, and production, by county, 2010-2011 [1]

County and district	2010				2011			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Alpena	6,000	5,900	39.0	230	6,400	6,300	31.3	197
Iosco	1,800	1,700	46.5	79	2,300	2,300	33.7	78
Montmorency	3,200	3,100	42.3	131	3,200	3,100	31.4	97
Ogemaw	1,100	1,100	44.5	49				
Presque Isle	5,300	5,000	35.6	178	5,700	5,400	32.0	173
Other counties	1,600	1,600	36.3	58	3,700	3,400	39.8	135
Northeast	19,000	18,400	39.4	725	21,300	20,500	33.2	680
Mason	4,400	4,400	55.9	246	4,500	4,300	39.8	171
Muskegon	7,100	7,000	49.3	345	7,400	7,300	45.9	335
Newaygo	5,500	5,400	44.8	242	4,800	4,700	43.0	202
Oceana	3,000	3,000	42.3	127				
Other counties					3,900	3,800	45.3	172
West Central	20,000	19,800	48.5	960	20,600	20,100	43.8	880
Clare	2,900	2,900	43.1	125	3,800	3,700	34.9	129
Gladwin	6,300	6,300	49.4	311	7,000	6,900	45.9	317
Gratiot	80,500	80,300	41.1	3,300	79,000	78,300	45.5	3,565
Isabella	52,500	52,000	48.5	2,520	47,500	47,400	45.9	2,177
Mecosta	2,600	2,500	37.2	93				
Midland	22,400	22,300	46.2	1,030	22,000	21,900	46.1	1,010
Montcalm	22,000	21,900	38.4	840	22,000	21,900	42.3	927
Osceola	800	800	38.8	31				
Other counties					3,700	3,400	30.9	105
Central	190,000	189,000	43.7	8,250	185,000	183,500	44.9	8,230
Arenac	15,000	14,900	46.3	690	15,000	15,000	43.7	655
Bay	41,000	40,900	46.7	1,910	39,000	38,900	48.1	1,870
Huron	50,000	49,900	46.1	2,300	56,000	55,900	48.3	2,700
Saginaw	100,000	99,800	41.1	4,100	97,000	96,700	42.3	4,090
Sanilac	136,000	135,800	42.9	5,820	122,000	121,700	42.9	5,215
Tuscola	73,000	72,700	41.0	2,980	71,000	70,800	42.7	3,020
East Central	415,000	414,000	43.0	17,800	400,000	399,000	44.0	17,550
Allegan	40,000	39,900	46.1	1,840	41,000	40,900	48.2	1,970
Berrien	42,000	41,800	47.8	2,000				
Cass	43,000	42,900	44.8	1,920	41,000	40,900	41.8	1,710
Kalamazoo	32,000	31,900	51.4	1,640	27,000	26,900	47.6	1,280
Kent	24,000	23,800	46.6	1,110	22,000	21,800	45.9	1,000
Ottawa	24,000	23,800	50.0	1,190	22,000	21,900	44.7	980
Van Buren	20,000	19,900	45.2	900				
Other counties					62,000	61,600	41.9	2,580
Southwest	225,000	224,000	47.3	10,600	215,000	214,000	44.5	9,520
Barry	30,000	29,600	43.9	1,300	28,000	27,900	44.8	1,250
Branch	75,000	74,700	44.4	3,320	70,000	69,900	45.5	3,180
Calhoun	73,000	72,600	47.7	3,460	69,000	68,800	45.2	3,110
Clinton	75,000	74,800	38.9	2,910	72,000	71,900	45.2	3,250
Eaton	75,000	74,800	47.2	3,530	70,000	69,700	43.5	3,030
Hillsdale	80,000	79,600	44.8	3,570	70,000	69,800	44.0	3,070
Ingham	55,000	54,800	47.4	2,600	52,000	51,700	46.0	2,380
Ionia	60,000	59,800	47.7	2,850	58,000	57,600	48.4	2,790
Jackson	42,000	41,700	46.0	1,920	41,000	40,900	40.3	1,650
St Joseph	55,000	54,800	49.6	2,720	48,000	47,900	48.4	2,320
Shiawassee	85,000	84,800	36.2	3,070	81,000	80,900	41.3	3,340
South Central	705,000	702,000	44.5	31,250	659,000	657,000	44.7	29,370

See footnote(s) at end of table.

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Soybeans: Acreage, yield, and production, by county, 2010-2011 [1] (continued)

County and district	2010				2011			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Genesee	42,000	41,900	38.2	1,600	42,000	41,600	37.3	1,550
Lapeer	54,000	53,600	41.2	2,210	48,000	47,800	41.8	2,000
Lenawee	120,000	119,800	43.4	5,200	110,000	110,000	46.3	5,090
Livingston	20,000	19,900	41.0	815	19,000	18,900	41.8	790
Macomb	27,000	26,600	38.0	1,010	27,000	26,900	42.6	1,145
Monroe	85,000	84,300	41.0	3,460	77,000	76,300	44.8	3,420
Oakland	3,100	3,000	38.0	114	4,000	4,000	40.0	160
St Clair	70,000	69,300	37.2	2,580	66,000	65,700	41.1	2,700
Washtenaw	45,000	44,700	40.0	1,790	45,000	44,900	43.1	1,935
Wayne	2,900	2,900	41.7	121	3,000	2,900	41.4	120
Southeast	469,000	466,000	40.6	18,900	441,000	439,000	43.1	18,910
Other districts	7,000	6,800	37.5	255	8,100	6,900	31.9	220
Michigan	2,050,000	2,040,000	43.5	88,740	1,950,000	1,940,000	44.0	85,360

[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, 2010-2011 [1]

County and district	2010				2011			
	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	(D)	(D)	(D)	(D)	600	600	19.3	11.6
Northeast	(D)	(D)	(D)	(D)	600	600	19.3	11.6
Clare	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Gladwin	1,100	1,100	18.6	20.5	600	600	19.3	11.6
Gratiot	11,400	11,400	20.8	237.0	10,500	10,500	19.7	207.0
Isabella	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mecosta	(D)	(D)	(D)	(D)	-	-	-	-
Midland	3,100	3,100	20.1	62.3	3,100	3,100	21.1	65.5
Montcalm	600	600	28.3	17.0	600	600	24.5	14.7
Other counties	500	500	22.4	11.2	700	700	23.1	16.2
Central	16,700	16,700	20.8	348.0	15,500	15,500	20.3	315.0
Arenac	3,100	3,100	26.1	81.0	3,000	3,000	23.0	69.0
Bay	14,300	14,300	23.1	331.0	14,200	14,200	22.7	323.0
Huron	48,300	48,300	28.8	1,391.0	51,100	51,100	25.3	1,291.0
Saginaw	15,600	15,600	24.7	386.0	15,800	15,800	23.9	377.0
Sanilac	23,300	23,300	26.8	624.0	26,900	26,900	24.9	671.0
Tuscola	19,400	19,400	26.4	512.0	19,000	19,000	25.3	480.0
East Central	124,000	124,000	26.8	3,325.0	130,000	130,000	24.7	3,211.0
Clinton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ionia	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Shiawassee	(D)	(D)	(D)	(D)	1,800	1,800	18.3	33.0
Other counties	(D)	(D)	(D)	(D)	1,600	1,600	21.3	34.0
South Central	(D)	(D)	(D)	(D)	3,400	3,400	19.7	67.0
Genesee	300	300	24.7	7.4	400	400	23.8	9.5
Lapeer	1,400	1,400	25.1	35.1	1,900	1,900	16.6	31.6
St Clair	1,300	1,300	21.8	28.4	1,200	1,200	21.9	26.3
Other counties	-	-	-	-	-	-	-	-
Southeast	3,000	3,000	23.6	70.9	3,500	3,500	19.3	67.4
Other districts	3,300	3,300	23.7	78.1	-	-	-	-
Michigan	147	147	26.0	3,822.0	153	153	24.0	3,672.0

(D) Withheld to avoid disclosing data for individual farms.
[1] Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

Wheat: Acreage, yield, and production, by county, 2010-2011 [1]

County and district	2010				2011			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Alger	(D)	(D)	(D)	(D)	-	-	-	-
Baraga	-	-	-	-	-	-	-	-
Chippewa	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Delta	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Dickinson	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Gogebic	-	-	-	-	-	-	-	-
Houghton	-	-	-	-	-	-	-	-
Iron	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Keweenaw	-	-	-	-	-	-	-	-
Luce	-	-	-	-	-	-	-	-
Mackinac	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Marquette	-	-	-	-	-	-	-	-
Menominee	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ontonagon	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Schoolcraft	-	-	-	-	(D)	(D)	(D)	(D)
Other counties	2,000	1,500	56.7	85.0	2,000	1,500	50.7	76.0
Upper Peninsula	2,000	1,500	56.7	85.0	2,000	1,500	50.7	76.0
Antrim	(D)	(D)	(D)	(D)	900	800	61.3	49.0
Benzie	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Charlevoix	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Emmet	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Grand Traverse	1,200	1,000	37.0	37.0	1,500	1,400	50.0	70.0
Kalkaska	(D)	(D)	(D)	(D)	1,000	820	78.0	64.0
Leelanau	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Manistee	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Missaukee	1,000	700	42.9	30.0	800	700	62.9	44.0
Wexford	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	2,800	2,000	41.5	83.0	800	780	50.0	39.0
Northwest	5,000	3,700	40.5	150.0	5,000	4,500	59.1	266.0
Alcona	900	700	65.7	46.0	1,600	1,500	70.7	106.0
Alpena	2,400	2,200	53.6	118.0	3,500	3,500	64.0	224.0
Cheboygan	600	500	48.0	24.0	(D)	(D)	(D)	(D)
Crawford	-	-	-	-	-	-	-	-
Iosco	1,100	900	56.7	51.0	1,800	1,800	76.7	138.0
Montmorency	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ogemaw	1,600	1,500	65.3	98.0	2,600	2,600	71.9	187.0
Oscoda	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Otsego	(D)	(D)	(D)	(D)	900	800	55.0	44.0
Presque Isle	2,500	2,200	41.8	92.0	3,600	3,500	46.0	161.0
Roscommon	(D)	(D)	(D)	(D)	-	-	-	-
Other counties	900	700	44.3	31.0	1,000	800	43.8	35.0
Northeast	10,000	8,700	52.9	460.0	15,000	14,500	61.7	895.0
Lake	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mason	3,700	3,700	59.7	221.0	5,800	5,600	62.3	349.0
Muskegon	2,800	800	50.0	40.0	3,300	2,800	80.4	225.0
Newaygo	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oceana	2,000	1,400	57.9	81.0	2,500	2,300	63.5	146.0
Other counties	1,500	1,400	55.7	78.0	3,400	3,300	74.5	246.0
West Central	10,000	7,300	57.5	420.0	15,000	14,000	69.0	966.0
Clare	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Gladwin	1,800	1,800	76.1	137.0	2,000	1,600	63.8	102.0
Gratiot	17,500	17,300	72.8	1,260.0	25,000	24,700	74.6	1,843.0
Isabella	14,600	14,100	70.9	1,000.0	21,500	21,200	80.4	1,705.0
Mecosta	2,100	2,000	65.0	130.0	2,300	2,200	50.9	112.0
Midland	4,300	4,200	71.9	302.0	6,000	5,800	81.2	471.0
Montcalm	11,500	10,900	54.8	597.0	15,000	14,900	62.1	925.0
Osceola	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	2,200	2,000	57.0	114.0	2,200	2,100	56.2	118.0
Central	54,000	52,300	67.7	3,540.0	74,000	72,500	72.8	5,276.0

See footnote(s) at end of table.

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Wheat: Acreage, yield, and production, by county, 2010-2011 [1] (continued)

County and district	2010				2011			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	*Acres*	*Bushels*	*1,000 Bu*	*Acres*	*Acres*	*Bushels*	*1,000 Bu*
Arenac	7,000	6,700	73.1	490	10,000	9,900	76.6	758
Bay	14,800	14,600	71.9	1,050	18,000	17,900	85.1	1,523
Huron	58,500	54,100	86.0	4,650	70,000	64,000	90.8	5,810
Saginaw	23,000	22,800	74.1	1,690	29,000	28,500	83.7	2,385
Sanilac	49,500	49,200	79.3	3,900	64,000	63,000	75.7	4,770
Tuscola	30,200	29,600	79.1	2,340	39,000	38,700	82.1	3,179
Other counties	-	-	-	-	-	-	-	-
East Central	183,000	177,000	79.8	14,120	230,000	222,000	83.0	18,425
Allegan	5,500	5,200	57.7	300	10,400	10,300	74.9	771
Berrien	3,200	3,100	57.7	179	4,700	4,500	70.7	318
Cass	3,000	2,600	53.8	140	4,400	4,400	67.7	298
Kalamazoo	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Kent	5,600	5,500	63.3	348	8,100	7,900	67.5	533
Ottawa	4,000	3,300	57.0	188	7,400	7,100	68.0	483
Van Buren	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	5,700	3,800	57.9	220	8,000	5,800	65.2	378
Southwest	27,000	23,500	58.5	1,375	43,000	40,000	69.5	2,781
Barry	6,200	5,800	58.8	341	7,300	7,100	69.7	495
Branch	5,500	5,500	55.3	304	(D)	(D)	(D)	(D)
Calhoun	8,400	8,200	63.4	520	9,100	8,900	66.1	588
Clinton	19,500	19,300	65.8	1,270	24,000	23,800	80.5	1,916
Eaton	14,500	14,300	64.7	925	21,000	20,900	76.0	1,588
Hillsdale	12,000	11,700	62.4	730	17,000	16,900	66.0	1,115
Ingham	17,800	17,800	70.2	1,250	19,000	18,900	79.6	1,505
Ionia	11,000	10,800	63.9	690	16,000	15,900	76.9	1,222
Jackson	7,800	7,700	54.5	420	9,500	9,400	65.7	618
St Joseph	2,300	2,000	60.0	120	(D)	(D)	(D)	(D)
Shiawassee	25,000	24,900	60.6	1,510	32,000	31,800	72.9	2,318
Other counties	-	-	-	-	13,100	11,400	71.1	810
South Central	130,000	128,000	63.1	8,080	168,000	165,000	73.8	12,175
Genesee	6,800	6,700	58.2	390	10,500	10,400	59.6	620
Lapeer	8,200	8,200	64.6	530	12,000	11,800	68.1	803
Lenawee	35,500	35,200	72.4	2,550	43,000	42,500	75.2	3,195
Livingston	7,700	7,700	57.5	443	9,000	8,800	64.2	565
Macomb	3,000	2,900	71.4	207	5,300	5,200	50.0	260
Monroe	22,000	21,900	72.1	1,580	29,000	28,800	72.6	2,090
Oakland	(D)	(D)	(D)	(D)	2,000	1,900	75.8	144
St Clair	11,000	10,900	73.0	796	18,500	18,200	66.2	1,205
Washtenaw	13,500	13,300	68.4	910	18,000	17,800	69.3	1,233
Wayne	(D)	(D)	(D)	(D)	700	600	41.7	25
Other counties	1,300	1,200	53.3	64	-	-	-	-
Southeast	109,000	108,000	69.2	7,470	148,000	146,000	69.5	10,140
Other districts	-	-	-	-	-	-	-	-
Michigan	530,000	510,000	70.0	35,700	700,000	680,000	75.0	51,000

(D) Withheld to avoid disclosing data for individual farms. Counties not published are included in 'other counties' or 'other district' total.
(-) No reports of commodity grown.

Cropland and Pasture Cash Rents 2010-2011

County and district	2010			2011		
	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)	-	-
Baraga	(D)	-	(D)	(D)	-	(D)
Chippewa	10.0	-	9.0	15.0	(D)	12.5
Delta	16.0	(D)	(D)	25.0	(D)	18.5
Dickinson	(D)	-	(D)	(D)	-	(D)
Gogebic	-	-	-	(D)	-	-
Houghton	(D)	-	-	(D)	-	-
Iron	-	-	(D)	(D)	-	-
Keweenaw	(D)	-	-	-	-	-
Luce	(D)	-	-	(D)	-	(D)
Mackinac	-	-	(D)	(D)	-	-
Marquette	(D)	-	-	(D)	-	(D)
Menominee	13.0	-	16.0	17.5	-	(D)
Ontonagon	7.5	-	-	(D)	-	(D)
Schoolcraft	(D)	-	-	(D)	-	(D)
Other counties	11.0	(D)	13.0	18.0	(D)	10.5
Upper Peninsula	12.0	(D)	12.0	19.0	(D)	13.0
Antrim	18.0	-	21.0	20.5	(D)	(D)
Benzie	(D)	-	(D)	(D)	-	(D)
Charlevoix	19.0	-	(D)	20.5	-	-
Emmet	17.0	-	(D)	19.5	-	(D)
Grand Traverse	31.0	-	(D)	31.5	(D)	(D)
Kalkaska	(D)	(D)	(D)	(D)	(D)	(D)
Leelanau	40.0	(D)	-	41.0	(D)	(D)
Manistee	22.0	-	(D)	22.0	-	(D)
Missaukee	48.0	(D)	-	52.0	-	(D)
Wexford	16.0	-	-	24.5	-	(D)
Other counties	19.5	(D)	16.5	19.0	(D)	18.0
Northwest	32.5	(D)	17.5	33.5	(D)	18.0
Alcona	23.0	(D)	14.0	25.0	-	13.0
Alpena	24.5	-	(D)	28.0	-	16.0
Cheboygan	20.0	-	(D)	18.0	-	(D)
Crawford	-	-	-	-	-	-
Iosco	22.0	-	13.0	23.0	-	13.0
Montmorency	-	-	(D)	(D)	-	(D)
Ogemaw	25.5	(D)	(D)	29.0	(D)	(D)
Oscoda	-	-	-	(D)	-	-
Otsego	15.5	(D)	(D)	(D)	(D)	-
Presque Isle	26.5	(D)	20.0	28.0	(D)	(D)
Roscommon	-	-	-	(D)	-	-
Other counties	24.5	58.5	17.5	22.5	(D)	16.0
Northeast	24.0	58.5	16.5	26.0	(D)	15.0
Lake	-	-	-	(D)	-	-
Mason	45.5	(D)	(D)	44.0	(D)	-
Muskegon	(D)	-	-	62.0	(D)	(D)
Newaygo	43.0	85.0	25.0	(D)	(D)	(D)
Oceana	52.5	124.0	23.0	62.0	(D)	17.0
Other counties	59.5	90.0	21.5	41.0	95.0	19.0
West Central	50.0	99.5	23.0	52.0	95.0	18.0
Clare	30.0	-	(D)	38.0	-	(D)
Gladwin	46.5	-	(D)	40.0	-	18.0
Gratiot	105.0	158.0	24.0	105.0	(D)	24.0
Isabella	58.0	(D)	44.0	63.0	(D)	(D)
Mecosta	31.5	(D)	28.0	35.0	(D)	24.0
Midland	93.0	(D)	26.0	85.0	(D)	(D)
Montcalm	56.0	(D)	(D)	56.0	(D)	22.5
Osceola	27.0	(D)	20.0	28.0	(D)	21.0
Other counties		134.0	31.5		(D)	28.5
Central	69.0	137.0	26.0	68.0	(D)	23.5

Cropland and Pasture Cash Rents 2010-2011

County and district	2010			2011		
	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*
Arenac	63.5	-	(D)	61.0	-	(D)
Bay	95.0	(D)	(D)	99.0	(D)	(D)
Huron	129.0	(D)	(D)	145.0	(D)	(D)
Saginaw	103.0	(D)	(D)	116.0	(D)	(D)
Sanilac	68.0	89.0	(D)	72.0	(D)	(D)
Tuscola	114.0	133.0	(D)	109.0	(D)	(D)
Other counties		91.5	34.5		(D)	28.5
East Central	98.0	114.0	34.5	104.0	(D)	28.5
Allegan	93.0	(D)	29.0	104.0	175.0	(D)
Berrien	72.5	(D)	(D)	85.0	(D)	(D)
Cass	79.0	209.0	33.0	95.0	221.0	33.0
Kalamazoo	74.0	189.0	48.0	84.0	196.0	(D)
Kent	74.0	180.0	41.0	90.0	(D)	27.0
Ottawa	56.0	(D)	45.0	65.0	170.0	(D)
Van Buren	69.0	115.0	(D)	75.0	155.0	33.0
Other counties		168.0	38.5		163.0	32.0
Southwest	74.5	188.0	37.0	89.0	196.0	31.5
Barry	79.0	(D)	29.5	87.0	(D)	(D)
Branch	80.0	170.0	42.0	93.0	(D)	(D)
Calhoun	75.0	120.0	38.0	89.0	(D)	(D)
Clinton	97.0	(D)	(D)	109.0	(D)	(D)
Eaton	75.0	-	33.0	82.0	(D)	(D)
Hillsdale	94.0	126.0	(D)	92.0	(D)	(D)
Ingham	72.0	(D)	42.0	76.0	(D)	(D)
Ionia	87.5	(D)	42.0	97.5	(D)	(D)
Jackson	61.0	(D)	51.0	71.0	-	(D)
St Joseph	83.0	188.0	(D)	90.0	(D)	(D)
Shiawassee	61.0	-	(D)	71.0	(D)	(D)
Other counties		91.5	45.0		184.0	(D)
South Central	79.0	171.0	44.5	88.0	184.0	(D)
Genesee	(D)	-	(D)	60.5	(D)	(D)
Lapeer	56.0	(D)	31.0	63.0	(D)	(D)
Lenawee	105.0	(D)	(D)	135.0	(D)	(D)
Livingston	54.0	(D)	(D)	58.0	(D)	(D)
Macomb	55.0	(D)	(D)	55.0	(D)	(D)
Monroe	97.0	211.0	(D)	130.0	(D)	(D)
Oakland	(D)	(D)	(D)	(D)	(D)	(D)
St Clair	46.0	(D)	(D)	54.0	(D)	(D)
Washtenaw	58.0	145.0	(D)	58.0	(D)	(D)
Wayne	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	56.0	130.0	34.5	66.5	(D)	(D)
Southeast	70.0	150.0	34.0	91.5	(D)	(D)
Other Districts		63.0			131.0	32.5
Michigan	75.0	160.0	30.0	85.0	170.0	25.0

(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, 2011-2012

County	All cattle and calves		Milk cows	
	2011	2012	2011	2012
	Head	*Head*	*Head*	*Head*
Alcona	5,600	5,700	1,500	1,600
Alger	2,000	2,000	(D)	(D)
Allegan	46,500	47,500	20,500	21,000
Alpena	10,200	10,400	3,400	3,500
Antrim	3,800	3,900	500	600
Arenac	7,000	7,100	3,100	3,100
Baraga	(D)	(D)	(D)	(D)
Barry	26,500	28,000	13,800	14,200
Bay	5,400	5,500	1,800	1,900
Benzie	1,500	1,600	(D)	(D)
Berrien	4,500	4,600	1,500	1,500
Branch	12,600	12,800	3,600	3,600
Calhoun	13,100	13,300	4,200	4,300
Cass	5,400	5,500	(D)	500
Charlevoix	3,200	3,200	600	600
Cheboygan	6,600	6,700	1,000	1,000
Chippewa	7,200	7,300	1,000	1,100
Clare	11,500	11,700	2,500	2,600
Clinton	47,000	48,000	24,000	24,500
Crawford	(D)	(D)	(D)	(D)
Delta	8,400	8,600	1,800	1,900
Dickinson	2,100	2,200	600	600
Eaton	9,000	9,200	1,800	1,900
Emmet	4,600	4,700	600	600
Genesee	7,100	7,200	1,500	1,500
Gladwin	6,200	6,200	1,200	1,300
Gogebic	(D)	(D)	(D)	(D)
Grand Traverse	3,500	3,600	(D)	200
Gratiot	40,500	41,000	13,800	14,100
Hillsdale	24,500	25,000	8,800	9,000
Houghton	(D)	1,200	(D)	400
Huron	115,000	115,000	31,500	32,500
Ingham	17,200	17,500	6,000	6,200
Ionia	51,000	51,000	16,800	17,300
Iosco	8,700	8,800	2,000	2,100
Iron	1,200	1,300	(D)	(D)
Isabella	27,500	28,000	7,600	7,900
Jackson	18,800	19,000	4,000	4,100
Kalamazoo	11,000	11,300	(D)	5,100
Kalkaska	1,200	1,200	(D)	(D)
Kent	33,000	34,000	9,600	9,900
Keweenaw	(D)	(D)	(D)	(D)
Lake	1,700	1,900	(D)	400
Lapeer	17,000	17,500	3,700	3,800
Leelanau	2,700	2,800	(D)	400
Lenawee	31,000	31,500	11,100	11,400
Livingston	9,200	9,400	2,300	2,400
Luce	(D)	(D)	(D)	(D)
Mackinac	2,300	2,400	800	800
Macomb	3,800	3,900	700	800
Manistee	2,600	2,600	(D)	(D)
Marquette	2,300	2,400	700	700
Mason	8,800	8,900	2,400	2,500
Mecosta	14,500	14,800	4,600	4,700
Menominee	19,000	20,000	7,100	7,300
Midland	7,700	7,900	(D)	(D)
Missaukee	29,000	29,000	13,800	14,200
Monroe	4,300	4,300	(D)	400
Montcalm	28,500	29,000	9,600	9,900
Montmorency	2,900	3,000	600	700
Muskegon	15,800	16,100	6,300	6,500
Newaygo	23,500	24,000	13,700	14,000
Oakland	(D)	(D)	(D)	(D)
Oceana	7,600	7,800	2,800	2,900
Ogemaw	15,000	15,300	6,000	6,100
Ontonagon	2,300	2,400	(D)	200
Osceola	19,500	20,000	6,000	6,200
Oscoda	3,600	3,700	800	800
Otsego	2,200	2,300	(D)	(D)
Ottawa	41,000	42,000	12,600	12,900
Presque Isle	5,600	5,700	1,400	1,500
Roscommon	(D)	(D)	(D)	(D)
Saginaw	9,600	9,700	2,600	2,600
St. Clair	11,300	11,500	1,300	1,400
St. Joseph	11,000	11,200	(D)	5,100
Sanilac	59,000	60,000	22,500	23,000
Schoolcraft	1,200	(D)	(D)	200
Shiawassee	16,100	16,800	5,200	5,300
Tuscola	18,500	19,000	5,000	5,100
Van Buren	11,000	11,200	(D)	5,400
Washtenaw	11,300	11,500	3,000	3,100
Wayne	(D)	(D)	(D)	(D)
Wexford	3,200	3,200	700	700
Other counties	4,300	4,500	23,100	5,400
Michigan	1,090,000	1,110,000	361,000	371,000

(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/mi

Commodity Groups

Apples-Michigan Apple Committee	www.michiganapples.com
Asparagus-Michigan Asparagus Advisory Board	www.asparagus.com
Bison-Michigan Bison Association	www.michiganbison.org
Blueberries-The Blueberry People	www.blueberries.com
Cattle-Michigan Beef Industry Commission	www.mibeef.org
Celery-Michigan Celery Promotion Co-operative, 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 Agri-Tourism Association	www.michiganfarmfun.com
Michigan Food and Farming Systems-MIFFS	www.miffs.org
Michigan Market Maker	http://mi.marktemaker.uiuc.edu
MSU Agricultural 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 Rural Development, 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

From the NASS home page, www.nass.usda.gov, click on the Statistics by State dropdown to access the Michigan Internet page.

On the Michigan Internet page, you will find up-to-date data such as Crop-Weather releases, News releases, *Agriculture Across Michigan*, and county estimates.

National Agricultural Statistics Service (NASS)

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

You can access national releases, 2007 Census of Agriculture data, and home pages of **NASS** Field Offices including Michigan from this web site. ***Michigan Crop Weather*** and national releases by free e-mail subscription are available from this site.

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