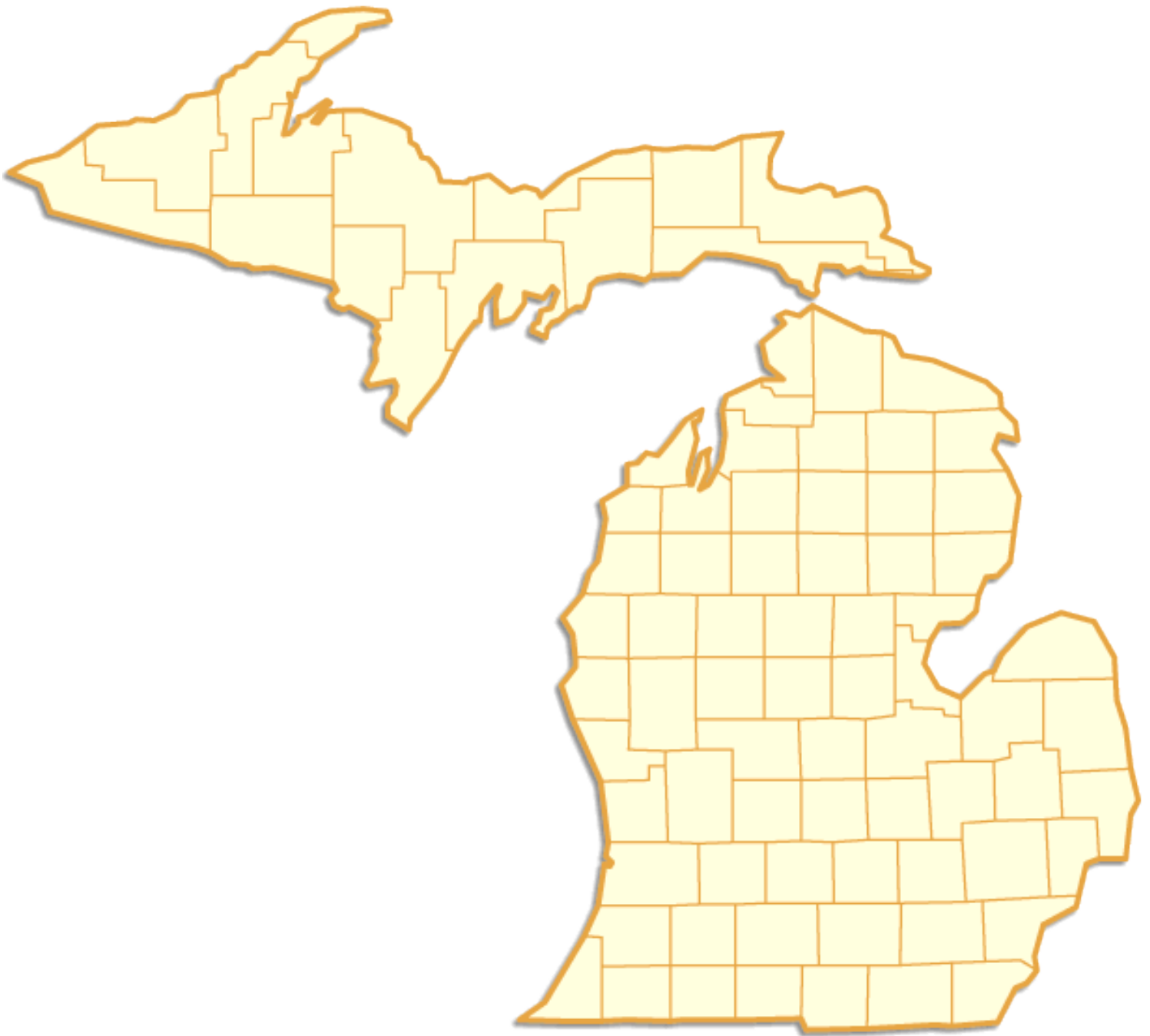


Michigan Agricultural Statistics 2013-2014



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Rank in U.S. agriculture by selected commodities, 2013

Rank	Item	Unit	Quantity	Percent of U.S.	Leading state
			<i>Thousands</i>	<i>Percent</i>	
1	Beans, dry, black	Cwt	1,455	57.1	Michigan
	Beans, dry, cranberry	Cwt	43	81.1	Michigan
	Beans, dry, small red	Cwt	285	52.0	Michigan
	Begonias	Baskets	771	37.8	Michigan
	Begonias	Flats	813	20.6	Michigan
	Blueberries	Pounds	114,000	21.4	Michigan
	Cucumbers for pickles	Tons	162.4	34.3	Michigan
	Cherries, tart	Pounds	218,700	74.3	Michigan
	Easter Lilies	Pots	1,193	22.0	Michigan
	Geraniums, from seed	Pots	8,994	51.8	Michigan
	Geraniums, vegetative cuttings	Baskets	724	23.1	Michigan
	Grapes, Niagara	Tons	32.9	42.4	Michigan
	Impatiens, other	Baskets	675	30.9	Michigan
	Impatiens, other	Flats	1,656	30.0	Michigan
	Petunias	Baskets	1,374	27.9	Michigan
Petunias	Flats	1,478	21.8	Michigan	
2	Asparagus	Cwt	206	27.0	California
	Beans, dry, all	Cwt	3,270	13.4	North Dakota
	Beans dry, navy	Cwt	1,256	36.9	North Dakota
	Carrots (fresh market)	Cwt	435	1.9	California
	Celery	Cwt	1,035	5.7	California
	Hostas	Pots	1,379	15.6	South Carolina
	Impatiens, New Guinea	Pots	3,057	18.1	Florida
	Marigolds	Flats	723	18.8	California
	Other Flowering and Foliar	Baskets	3,107	21.2	North Carolina
	Other herbaceous perennials	Pots	14,347	10.4	California
	Pansies/Violas	Baskets	262	23.6	North Carolina
	Petunias	Pots	4,127	14.7	Texas
	Squash	Cwt	1,220	19.5	California
	Vegetable type bedding plants	Pots	5,088	12.3	California
3	Apples	Pounds	1,260,000	12.1	Washington
	Beans, dry, light red kidney	Cwt	127	15.0	Minnesota
	Beans, snap (processing)	Tons	77.1	11.6	Wisconsin
	Chrysanthemums, hardy/garden	Pots	5,922	12.2	California
	Geraniums, from vegetative cuttings	Pots	3,722	10.7	California
4	Alfalfa haylage and greenchop	Tons	1,998	10.8	Wisconsin
	Cherries, sweet	Tons	22.9	6.9	Washington
	Cucumbers (fresh market)	Cwt	665	8.4	Florida
	Grapes, Concord	Tons	52.0	11.4	Washington
	Peaches	Tons	20.6	2.3	California
	Pumpkins	Cwt	978	8.6	Illinois
	Sugarbeets	Tons	4,009	12.2	Minnesota
Tomatoes (processing)	Tons	108.8	0.9	California	
5	All haylage and greenchop	Tons	2,123	7.6	Wisconsin
	Beans, dry, dark red kidney	Cwt	20	2.3	Minnesota
	Grapes	Tons	94.0	1.1	California
	Plums	Tons	1.89	0.1	California
7	Milk	Pounds	9,164,000	4.6	California
	Maple Syrup	Gallons	91	2.9	Vermont
8	Egg Production	Eggs	3,777,000	4.0	Iowa
	Potatoes	Cwt	17,160	3.9	Idaho
12	Corn for grain	Bushels	348,750	2.5	Iowa
13	Hogs, as of Dec. 1, 2013	Head	1,060	1.6	Iowa
	Soybeans	Bushels	83,160	2.5	Illinois
	Wheat, winter	Bushels	45,000	2.9	Kansas
18	Cash receipts	Dollars	9,519,435	2.1	California
25	Hay, all, dry	Tons	2,518	1.8	Texas
28	Cattle, as of Jan. 1, 2014	Head	1,120	1.3	Texas

Number of farms and land in farms by economic sales class, 2009-2013 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+		
	<i>1,000 farms</i>	<i>1,000 farms</i>	<i>1,000 farms</i>	<i>1,000 farms</i>	<i>1,000 farms</i>	<i>1,000 farms</i>	
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	
2012	27.0	15.5	3.8	2.4	3.6	52.2	
	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Acres</i>
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
2012	1.46	1.78	1.02	1.16	4.53	9.95	181
2013	26.30	15.30	3.90	2.60	2.10	52.00	183

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, 2010-2014

Year	Farm real estate average value per acre	Cropland		Pasture
		Average value per acre	Average cash rent per acre	Average value per acre
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
2010	3,490	3,160	80	2,290
2011	3,600	3,370	90	2,340
2012	3,890	3,660	108	2,290
2013	4,300	4,120	118	2,420
2014	4,700	4,500	123	2,500

Farm Income

Net farm income in 2013 was \$2.15 billion. That includes \$142.4 million of government payments. The total agriculture output was \$9.92 billion dollars, up 11.9 percent from 2012. Purchased inputs were \$5.26 billion in 2013, down 2.3 percent from the previous year.

Preliminary cash receipts from 2013 marketings of Michigan crops, livestock and livestock products totaled \$8.70 billion, up 3.9

percent from 2012. Michigan was ranked 18th nationally in total cash receipts.

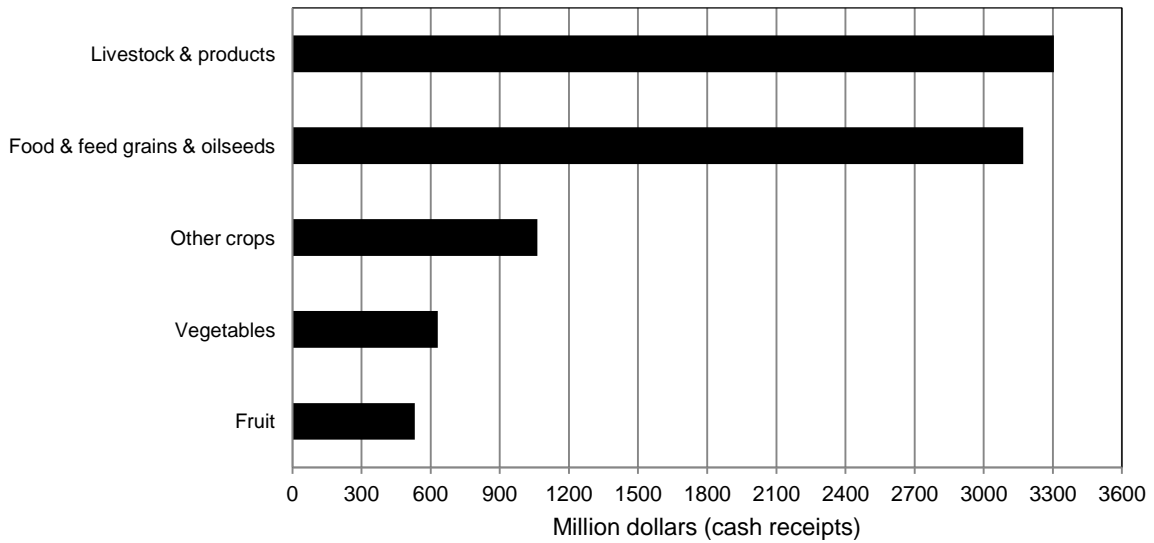
Crop receipts, \$5.40 billion, were down 2.4 percent from 2012. Livestock cash receipts were up 16.3 percent from 2012 to \$3.30 billion.

Government payments, 2009-2013 ¹

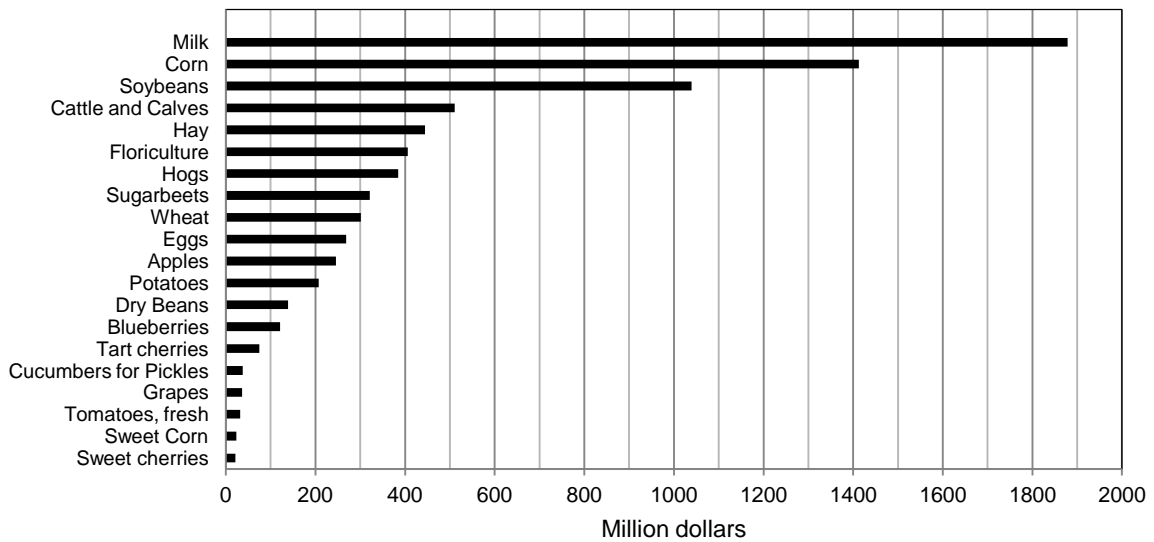
Program	2009	2010	2011	2012	2013
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Conservation programs	43,590	61,278	58,709	61,475	52,098
Direct payments	79,012	80,974	78,994	78,198	71,160
Counter-cyclical payments	-24	-2	-2	0	0
Loan deficiency payments	49	-183	54	1	-1
Miscellaneous programs	0	-105	-62	-2	0
Ad Hoc and emergency programs	16,169	36,416	18,480	12,822	8,017
Milk income loss payments	40,828	2,496	18	22,896	11,367
ACRE	0	3,724	376	-5	-224
Total	179,624	184,598	156,567	175,384	142,418

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

Major Michigan Commodity Groups, 2013



Top 20 Commodities in Gross Value, 2013



Value added to the economy by the Michigan agricultural sector 2009-2013 ¹

Item ²	2009	2010	2011	2012	2013
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Value of crop production	3,832.2	4,077.9	5,191.9	5,168.7	5,668.6
Food grains	177.9	208.9	311.0	338.2	284.6
Feed crops	1,007.6	1,335.7	1,933.0	2,148.1	1,755.9
Oil crops	777.8	916.7	948.8	1,245.9	1,131.2
Fruits and tree nuts	327.9	318.6	449.2	219.0	531.3
Vegetables, potatoes, dry beans	571.1	557.2	654.4	588.3	630.3
All other crops	866.4	948.1	978.7	991.7	1,062.8
Home consumption	1.2	1.3	1.6	4.1	6.1
Value of inventory adjustment ³	102.3	-208.7	-84.9	-366.6	266.4
Value of livestock production	1,953.3	2,391.1	2,896.1	2,878.9	3,349.0
Meat animals	522.2	700.8	850.9	829.8	943.6
Dairy products	1,064.0	1,412.0	1,774.3	1,694.4	1,872.9
Poultry and eggs	260.5	177.7	204.1	248.6	417.4
Miscellaneous livestock	58.3	62.8	66.2	69.2	70.7
Home consumption	10.1	9.3	8.6	5.5	11.8
Value of inventory adjustment ³	38.2	28.4	-8.0	31.4	32.6
Revenues from services and forestry	910.9	840.6	951.0	812.0	899.4
Machine hire and custom work	51.4	39.1	118.0	48.3	44.4
Other farm income	285.3	206.5	210.3	304.0	293.7
Gross imputed rental value-farm dwellings	560.2	580.5	608.3	444.8	546.2
Value of agricultural sector production	6,696.4	7,309.6	9,039.0	8,859.5	9,916.9
less: Purchased inputs	3,420.4	3,438.6	3,682.5	5,413.2	5,257.6
Farm origin	1,202.0	1,242.7	1,383.8	2,056.2	2,060.6
Feed purchased	665.3	693.0	702.0	1,127.2	1,122.8
Livestock and poultry purchased	51.8	60.2	72.2	164.8	155.4
Seed purchased	484.9	489.6	609.6	764.2	782.5
Manufactured inputs	1,169.0	1,137.7	1,269.5	1,614.7	1,624.3
Fertilizers and lime	522.3	560.9	556.1	769.9	735.7
Pesticides	265.2	222.6	265.2	318.9	364.4
Petroleum fuel and oils	290.1	274.8	347.6	401.8	415.2
Electricity	91.4	79.5	100.6	124.1	108.9
Other intermediate expenses	1,049.4	1,058.2	1,029.2	1,742.3	1,572.6
Repair and maintenance of capital items	373.9	344.8	346.8	466.7	496.8
Machine hire and custom work	98.0	107.9	66.9	52.9	49.7
Marketing, storage, and transp. expenses	149.6	146.5	125.6	194.7	183.8
Contract labor	19.7	32.9	49.1	162.4	23.7
Miscellaneous expenses	408.2	426.0	440.8	865.6	818.6
plus: Net government transactions	-92.2	-84.7	-122.2	-137.6	-183.3
plus: Direct Government payments	179.6	184.6	156.6	175.4	142.4
less: Motor vehicle reg. and licensing fees	11.8	9.2	9.1	12.6	13.2
less: Property taxes	260.1	260.1	269.7	300.3	312.5
Gross value added	3,183.8	3,786.3	5,234.3	3,308.8	4,476.1
less: Capital consumption	873.0	892.0	935.5	695.5	780.5
Net value added	2,310.8	2,894.2	4,298.8	2,613.2	3,695.6
less: Payments to stakeholders	1,065.1	958.6	1,030.6	1,597.0	1,543.9
Employee compensation (total hired labor)	657.1	527.7	625.8	876.4	807.2
Net rent received by nonoperator landlords	96.0	133.0	122.8	313.9	316.7
Real estate and nonreal estate interest	283.2	298.0	282.0	406.8	420.0
Net farm income	1,245.7	1,935.6	3,268.3	1,016.2	2,151.6

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 2009-2013 ¹

Item	2009	2010	2011	2012	2013
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Total cash receipts	5,633,684	6,638,700	8,170,640	8,373,167	8,700,603
Total livestock and products	1,904,995	2,353,388	2,895,482	2,841,991	3,304,508
Meat animals	522,239	700,808	850,889	829,767	943,566
Cattle and calves	288,581	381,420	433,661	473,212	541,167
Hogs	229,505	319,388	417,228	356,555	402,399
Dairy (milk)	1,063,960	1,412,020	1,774,290	1,694,385	1,872,880
Poultry and eggs	260,460	177,748	204,140	248,650	417,373
Miscellaneous livestock	58,336	62,812	66,163	69,189	70,689
Total crops	3,728,689	4,285,313	5,275,158	5,531,175	5,396,095
Food grains	178,168	208,921	310,975	338,159	284,604
Wheat	175,445	207,353	309,166	335,354	279,894
Feed crops	1,022,398	1,335,695	1,932,980	2,148,082	1,755,855
Corn	929,310	1,256,579	1,863,814	2,048,401	1,631,465
Oil crops	821,607	916,745	948,851	1,245,910	1,131,220
Vegetables	571,052	557,241	654,435	588,279	630,293
Fruits and nuts	327,924	318,635	449,251	219,001	531,292
All other crops	807,540	948,077	978,665	991,744	1,062,831

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

² Includes Barley, Oats, Mint, Rye, and all other miscellaneous crops.

Corn production costs and returns, excluding direct Government payments, 2012-2013

Item	United States		Northern Crescent ¹	
	2012	2013	2012	2013
	<i>Dollars per planted acre</i>	<i>Dollars per planted acre</i>	<i>Dollars per planted acre</i>	<i>Dollars per planted acre</i>
Gross value of production	802.55	723.56	882.22	677.85
Operating costs				
Seed	92.04	97.59	84.79	90.05
Fertilizer ²	156.51	153.34	170.38	167.08
Chemicals	27.52	28.57	27.00	28.04
Custom operations	17.07	17.77	21.06	21.89
Fuel, lube, and electricity	30.63	32.65	28.73	29.60
Repairs	25.48	25.78	25.04	25.28
Purchased irrigation water	0.11	0.12	0.00	0.00
Interest on operating capital	0.23	0.16	0.24	0.16
Total, operating costs	349.59	355.98	357.24	362.10
Allocated overhead				
Hired labor	3.02	3.12	3.76	3.87
Opportunity cost of unpaid labor	23.65	24.40	31.37	32.28
Capital recovery of machinery and equipment	94.05	96.86	82.33	84.68
Opportunity cost of land (rental rate)	154.94	167.74	101.31	110.23
Taxes and insurance	9.00	9.20	9.65	9.84
General farm overhead	19.32	19.54	25.33	25.57
Total, allocated overhead	303.98	320.86	253.75	266.47
Total, costs listed	653.57	676.84	610.99	628.57
Value of production less total costs listed	148.98	46.72	271.23	49.28
Value of production less operating costs	452.96	367.58	524.98	315.75
Supporting information				
Yield (bushels per planted acre)	118	157	130	148
Price (dollars per bushel at harvest)	6.79	4.6	6.75	4.54
Enterprise size (planted acres) ³	280	280	146	146
Production practices ³				
Irrigated (percent)	11	11	0	0
Dryland (percent)	89	89	100	100

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, 2011.

Soybean production costs and returns, excluding direct Government payments, 2012-2013

Item	United States		Northern Crescent ¹	
	2012	2013	2012	2013
	<i>Dollars per planted acre</i>	<i>Dollars per planted acre</i>	<i>Dollars per planted acre</i>	<i>Dollars per planted acre</i>
Gross value of production	596.82	540.08	633.15	547.68
Operating costs				
Seed	55.32	59.34	59.21	62.34
Fertilizer ²	37.54	38.19	52.50	51.49
Chemicals	26.38	28.18	21.30	22.12
Custom operations	9.41	9.96	11.75	12.21
Fuel, lube, and electricity	21.24	21.57	17.51	17.33
Repairs	22.23	22.78	19.07	19.26
Purchased irrigation water	0.06	0.06	0.00	0.00
Interest on operating capital	0.11	0.08	0.12	0.08
Total, operating costs	172.29	180.16	181.46	184.83
Allocated overhead				
Hired labor	2.81	3.05	1.63	1.68
Opportunity cost of unpaid labor	16.76	17.70	17.21	17.71
Capital recovery of machinery and equipment	81.16	84.63	68.86	70.83
Opportunity cost of land (rental rate)	137.55	153.97	111.67	121.50
Taxes and insurance	9.58	9.97	10.01	10.21
General farm overhead	17.44	17.96	22.17	22.39
Total, allocated overhead	265.30	287.28	231.55	244.32
Total, costs listed	437.59	467.44	413.01	429.15
Value of production less total costs listed	159.23	72.64	220.14	118.53
Value of production less operating costs	424.53	359.92	451.69	362.85
Supporting information				
Yield (bushels per planted acre)	42	43	45	42
Price (dollars per bushel at harvest)	14.21	12.56	14.07	13.04
Enterprise size (planted acres) ³	273	273	136	136
Production practices ³				
Irrigated (percent)	10	10	3	3
Dryland (percent)	90	90	97	97

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.

Milk and milk cow replacement prices received by farmers, 2013-2014

Month	Milk cows per head ¹	All milk wholesale per cwt
	<i>Dollars</i>	<i>Dollars</i>
2013		
January	1,600	20.50
February		19.90
March		19.70
April		19.80
May		20.00
June		20.20
July		19.90
August		20.40
September		20.60
October	1,600	21.00
November		21.70
December		22.10
2014		24.10
January	1,650	23.50
February		24.90
March		25.20
April	1,800	25.40
May		24.50
June		23.30
July	1,950	23.60
August		24.40
September		26.20
October	2,100	24.30
November		23.60
December		20.50

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

Dry edible beans: Percent of sales by month, 2008-2013

Month	2008-09	2009-10	2010-11	2011-12	2012-13
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Sept.	25	27	23	13	18
Oct.	38	29	18	58	35
Nov.	6	10	12	9	8
Dec.	3	8	3	2	7
January	4	7	2	2	5
February	4	3	6	1	3
March	2	1	3	1	4
April	1	1	5	3	1
May	1	1	3	2	2
June	2	2	5	4	3
July	1		1	1	1
August	13	11	19	4	13

Corn: Percent of sales by month, 2008-2013

Month	2008-09	2009-10	2010-11	2011-12	2012-13
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Oct.	9	5	21	10	14
Nov.	16	16	11	22	20
Dec.	10	13	9	10	7
January	10	11	14	14	10
February	7	6	8	9	7
March	8	6	8	8	8
April	7	6	8	6	4
May	9	6	5	5	5
June	7	8	5	5	9
July	5	9	4	5	7
August	6	6	4	3	5
Sept.	6	8	3	3	4

Hay: Percent of sales by month, 2008-2013

Month	2008-09	2009-10	2010-11	2011-12	2012-13
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
June	14	13	14	10	18
July	16	10	15	9	19
August	13	11	11	10	14
Sept.	11	8	7	9	6
Oct.	10	8	7	7	7
Nov.	5	6	8	7	6
Dec.	5	8	8	10	8
January	6	6	7	8	4
February	6	7	8	9	5
March	5	7	7	8	5
April	5	8	4	8	4
May	4	8	4	5	4

Oats: Percent of sales by month, 2008-2013

Month	2008-09	2009-10	2010-11	2011-12	2012-13
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
July	2	2	26	6	22
August	53	47	52	52	25
Sept.	8	26	4	13	2
Oct.	2	5	2	5	2
Nov.	1	2	2	4	1
Dec.	2	1	3	1	2
January	5	3	3	8	5
February	3	3	1	1	2
March	4	5	4	1	5
April	5	1	1	5	2
May	4	2	1	3	5
June	11	3	1	1	27

Soybeans: Percent of sales by month, 2008-2013

Month	2008-09	2009-10	2010-11	2011-12	2012-13
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Sept.	6	1	13	1	7
Oct.	34	33	41	34	40
Nov.	9	24	8	14	11
Dec.	7	7	6	8	5
January	11	11	11	12	11
February	5	5	5	10	6
March	7	4	4	9	3
April	10	4	3	5	3
May	4	2	2	3	5
June	4	4	3	2	4
July	2	3	2	1	3
August	1	2	2	1	2

Wheat: Percent of sales by month, 2008-2013

Month	2008-09	2009-10	2010-11	2011-12	2012-13
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
July	47	31	69	52	73
August	26	27	15	23	10
Sept.	5	11	5	6	5
Oct.	1	8	1	2	1
Nov.	1	3	1	1	1
Dec.	2	2	1	2	1
January	3	7	4	4	3
February	2	2	2	3	1
March	4	2	1	3	1
April	3	2	1	1	1
May	4	2		1	2
June	2	3		2	1

Crops: Marketing year average prices received by farmers, 2009-2013 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
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
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	11.00	99.50	108.00
2011	6.14	6.71	3.58	12.10	45.60	11.60	110.00	121.00
2012	6.69	7.91	4.02	14.00	39.90	11.60	173.00	178.00
2013	4.05	6.70	3.60	12.50	42.50	12.10	175.00	186.00

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, 2012-2013 marketing years

2012-2013 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
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
2012								
June							105.00	110.00
July		7.86	4.23				137.00	140.00
August		8.44	4.12				164.00	175.00
September		8.37		13.60	40.70	9.90	165.00	175.00
October	6.81	8.29	4.05	14.00	39.00	10.10	197.00	200.00
November	6.71	8.28		13.80	38.10	11.50	237.00	240.00
December	6.93	7.80	4.14	14.10	39.30	11.70	215.00	220.00
2013								
January	6.81	7.74	4.32	13.50	40.60	12.00	221.00	230.00
February	6.92	7.51		13.60		12.30	226.00	235.00
March	6.98	7.18		14.20	41.40	13.00	241.00	245.00
April	6.58	7.29		13.80	42.30	13.70	245.00	250.00
May	6.65	6.95	4.38	14.50	44.10	13.40	238.00	250.00
June	6.79	6.85		15.00	46.40			
July	6.65			15.00	44.70			
August	6.04			14.40		10.20		
September	5.37							
2013								
June							204.00	210.00
July		6.99					161.00	175.00
August		6.43	3.51				165.00	180.00
September		6.51	3.28	13.00	42.70	10.90	168.00	180.00
October	4.46	6.76	3.25	12.40	42.40	10.90	168.00	185.00
November	4.10	6.56		12.50	42.40	11.80	181.00	200.00
December	4.03	6.37	2.82	13.00	42.70	11.90	161.00	180.00
2014								
January	4.13	6.58	3.49	12.80	45.10	12.20	149.00	175.00
February	4.25	6.00	3.84	13.30	46.20	12.40	155.00	175.00
March	4.47	6.60	4.74	13.80		12.90	149.00	170.00
April	4.68	6.18	4.26	14.50	49.50	13.10	134.00	150.00
May	4.64	6.93	3.45	14.50	53.20	13.20	155.00	170.00
June	4.39	6.59	3.54	14.40	48.90		(¹)	
July	3.93			13.00	58.50			
August	3.55			12.40				
September	3.55							

Prices paid by farmers, 2010-2014 ¹

Item	Unit	2010	2011	2012	2013	2014
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Dairy feed, 16% protein ²	Ton	265	400	413	440	454
Hog concentrate, 38-42% protein ²	Ton	405	549	563	673	688
Soybean meal, 44% protein ²	Cwt	20.4	20.7	21.3	27.8	29.1
Gasoline, unleaded, bulk ²	Gallon	2.844	3.562	3.804	3.669	3.537
Diesel fuel ²	Gallon	2.565	3.537	3.657	3.575	3.506
Tractor, 110-129 hp ³	Each	78,000	80,400	81,400	84,000	85,800
Tractor, 200-280 hp, 4-wd ³	Each	198,000	216,000	217,000	226,000	233,000
Planter, row crop, 8-row ³	Each	42,900	43,100	47,800	49,600	50,400
Grain drill, press, 23-25 openers ³	Each	36,600	38,700	40,500	41,400	44,300
Combine, self-prop. w/ grain head, large cap. ³	Each	257,000	275,000	295,000	305,000	315,000
Ammonium nitrate ⁴	Ton	416	460	485	509	517
Muriate of potash 60-62% K ₂ O ⁴	Ton	501	594	641	581	589
Superphosphate, 44-46% P ₂ O ₅ ⁴	Ton	465	536	582	636	563
Anhydrous ammonia ⁴	Ton	520	776	812	877	888
Atrazine, 4#/gallon ³	Gallon	18.9	17.3	17.6	17.8	18.4
Roundup, 4#/gallon EC ³	Gallon	22.8	16.8	17.9	18.2	18.7
Harness, Surpass, 6.4-7#/gallon EC ³	Gallon	70.3	69.6	70.8	74.5	78.4
2,4-D, 3.8#/gallon ³	Gallon	18	18	20.1	20.4	20.9
Captan, 50% WP ³	Pound	7.18	7.55	7.84	7.92	8.14
Ziram, 76% WP ³	Pound	4.07	4.38	4.44	4.52	4.67
Guthion, 50% WP ³	Pound	13.5	13.5	14.5	15.1	15.7
Imidan, Prolate, 50% WP ³	Pound	10.2	11.2	10.4	10.1	9.86

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, 2009-2013 ¹

Year	All hired workers	Field workers	Field and livestock workers
	<i>Dollars per hour</i>	<i>Dollars per hour</i>	<i>Dollars per hour</i>
2009	11.22	10.82	10.57
2010	11.37	11.23	10.62
2011	11.40	11.09	10.78
2012	12.05	11.55	11.30
2013	12.15	11.96	11.49

¹ Lake States region (Michigan, Minnesota, and Wisconsin).

Agricultural Exports

Michigan ranked eighteenth in agricultural exports for the calendar year 2012. 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 47 percent of the State's agricultural exports. The total value of agricultural exports produced in Michigan in 2012 was estimated at \$3.24 billion.

Michigan agricultural exports: Calendar year 2012^{1 2}

Commodity	Value	Percent of total	Rank in U.S.
	<i>Million dollars</i>	<i>Percent</i>	<i>Number</i>
Soybeans	668.7	20.6	13
Corn	251.4	7.7	11
Dairy products	231.9	7.1	8
Sugar	200.9	6.2	5
Vegetables (fresh and processed)	186.6	5.8	8
Wheat	168.9	5.2	13
Feeds & fodder	158.1	4.9	13
Fruit (fresh and processed)	139.3	4.3	6
Grain products	137.4	4.2	14
Soybean meal	133.3	4.1	13
Pork	101.6	3.1	12
Vegetable oils	101.4	3.1	14
Beef and veal	38.9	1.2	28
Seeds (planting)	35.4	1.1	8
Hides and skins	19.6	0.6	28
Other	671.5	20.7	8
Total	3,245	100	18

¹ Source: U.S. Department of Agriculture, Economic Research Service, www.ers.usda.gov/data-products/state-export-data.

² Based on location of farm where commodity is produced.

Michigan agricultural exports: Top 10 destinations, 2012-2013^{1 2}

Country	2012	2013
	<i>Dollars</i>	<i>Dollars</i>
Canada	275,201,196	335,984,601
Mexico	36,417,789	31,554,845
Japan	22,833,576	27,150,747
Indonesia	23,564,435	20,434,978
Italy	5,298,933	4,604,174
South Korea	790,796	3,428,078
China	3,099,736	3,278,300
Hong Kong	864,443	2,221,028
Malaysia	12,500,423	2,114,277
South Africa	716,500	1,810,672
Others	10,831,288	15,071,649
Total	392,119,115	447,653,349

¹ Source: U.S. Department of Commerce, International Trade Administration, www.ita.doc.gov.

² Based on location of exporting firm.

Field Crops

Growing Season Weather Summary

Dr. Jeff Andresen, Michigan State University

Precipitation totals during the December through February period were generally above normal, which reduced or eliminated long term soil moisture deficits in most areas following the 2012's drought. By mid March, only southeastern sections of Lower Michigan were still categorized by the U.S. Drought Monitor as 'Abnormally Dry', while much of Lower and eastern Upper Michigan was classified by the Palmer Drought Index as 'Very' or 'Extremely' moist.

An upper air troughing pattern persisted across the Upper Midwest during late March and much of April, resulting in colder than normal temperatures over much of Michigan. On average, it was the coldest April in at least 10 years. A series of low pressure systems moved from southwest to northeast across the region during the period, bringing much above normal precipitation totals. Total precipitation from mid March through mid April ranged from less than 2.0 inches across some northern sections of the state to more than 6.0 inches with additional heavy rain and snow fell during the third week of April. Given the persistent colder than normal temperatures, the pace of spring fieldwork progress fell well behind normal. During the last week of April, the upper air troughing shifted south of the region, allowing a return of high pressure and an extended warm, dry spell across the state that persisted into mid May. The break finally allowed spring fieldwork and planting to progress in earnest, although delays continued across western sections of the state affected by earlier heavy rains in areas with heavier soils. Overall, cooler and wetter than normal weather early in the 2013 season led to waterlogged soils, extensive fieldwork delays and in some cases, flooding and the need for replanting.

The return of an upper air troughing pattern brought cooler than normal weather to much of Michigan once again during late June and early July. A drier than normal trend began across central and northern sections of the Lower Peninsula that would persist through much of the remainder of the growing season. The temporary establishment of a broad upper air ridge across central North America

led to heat wave conditions during the third week of July, but was followed again by a deep troughing feature that brought cooler than normal temperatures to the Great Lakes region during late July through late August. As of early August, seasonal rainfall totals were highly variable across the state, with some western and southern sections recording less than 75% of normal values (generally 7-8" or less) while portions of the Upper and eastern Lower Peninsulas observed more than 15" (150% of normal or greater). The drier than normal weather in central sections resulted in crop moisture stress, especially on lighter soils.

The upper air troughing feature that led to abnormally cool, dry weather during late July and the first 3 weeks of August was replaced by a broad upper air ridge during the last week of the month which led to a period of hot, humid weather and locally heavy rains. As of early September, soil moisture levels vary widely across the state, ranging from much above normal in the east to unfavorably dry in the west.

Weather across the Great Lakes region during September was generally warmer and drier than normal. Precipitation totals for the month were generally less than normal. For many areas in the state, the relatively warm, dry weather was ideal for maturation, grain drydown, and early harvest of crops. During late September and early October a prolonged period of mild weather and mostly favorable harvest conditions prevailed. A large troughing feature developed again region during mid-October. The trough led to the passage of several Canadian-origin air masses resulting in a prolonged period of cool, unsettled weather including the first killing freeze of the season across some interior northern sections of the state and the first frozen precipitation of the season. The wet conditions, combined with the lack of an earlier hard freeze across central and southern sections of the state led to slow crop and grain drydown rates and in many areas to prolonged harvest delays.

Field crops: Acres harvested and value of production, 2009-2013

Item	Unit	2009	2010	2011	2012	2013
Acres harvested	1,000 acres	6,311	6,483	6,566	6,692	6,433
Value of production	1,000 dollars	2,823,460	3,794,108	4,425,163	4,606,889	3,860,603

Grain storage capacity, December 1, 2009-2013

Year	Off farm		On farm capacity Million bushels
	Facilities	Rated capacity	
	Number	Million bushels	
2009	203	165	270
2010	200	170	280
2011	201	190	290
2012	201	200	290
2013	206	210	290

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	155.0	2013	21.5	1917	
Production	1,000 bu	348,750	2013	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	5,950	2013	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	2009,2010,2013	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	2011,2012,2013	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	29.0	2012	5.5	1916	
Production	1,000 tons	4,437	2012	298	1943	
Wheat, winter						
Harvested acres	1,000 acres	1,515	1953	400	1987	1909
Yield per acre	Bushels	76.0	2012	10.5	1912	
Production	1,000 bu	51,000	2011	7,350	1912	

Barley

Michigan barley growers planted 10,000 acres in 2013, down 9 percent from 2012. Growers harvested 9,000 acres in 2013, unchanged from the previous year. Total production was 468,000 bushels, up 8 percent from 2012. The average yield was 52 bushels

per acre, up 4 bushels from 2012. The value of production was \$2.22 million, up from \$2.16 million in 2012.

Barley: Acres, yield, production, and value, 2009-2013

Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009	13	11	51	561	2.80	1,571
2010	11	10	54	540	2.45	1,323
2011	10	6	48	288	3.50	1,008
2012	11	9	48	432	5.00	2,160
2013	10	9	52	468	4.75	2,223

¹ Marketing year average.

Corn

There were 2.60 million acres planted to corn in 2013, down 50,000 acres from 2012. Grain corn production was 348.8 million bushels, up 10 percent from 2012; 2.25 million acres were harvested for grain. The record high yield of 155 bushels per acre was up 22 bushels per acre from the 2012 crop. Farmers harvested 340,000 acres of corn for silage; the average yield was 17.5 tons per acre.

Weather in April was cool and wet, so planting of corn in Michigan began about May 1, two weeks behind normal. Planting progress remained behind normal until mid-May. Favorable conditions prevailed thereafter, and planting was nearly complete by the end of May. Precipitation was adequate throughout the growing

season, and there was little or no heat stress. The crop was about 5 days behind the average stage of development as of September 1. The harvest of Michigan corn for grain began on schedule in mid-September. It was about 75 percent complete mid-November, just slightly below average progress. It was virtually done by December 10. Yields were very good or excellent across all major corn-growing areas.

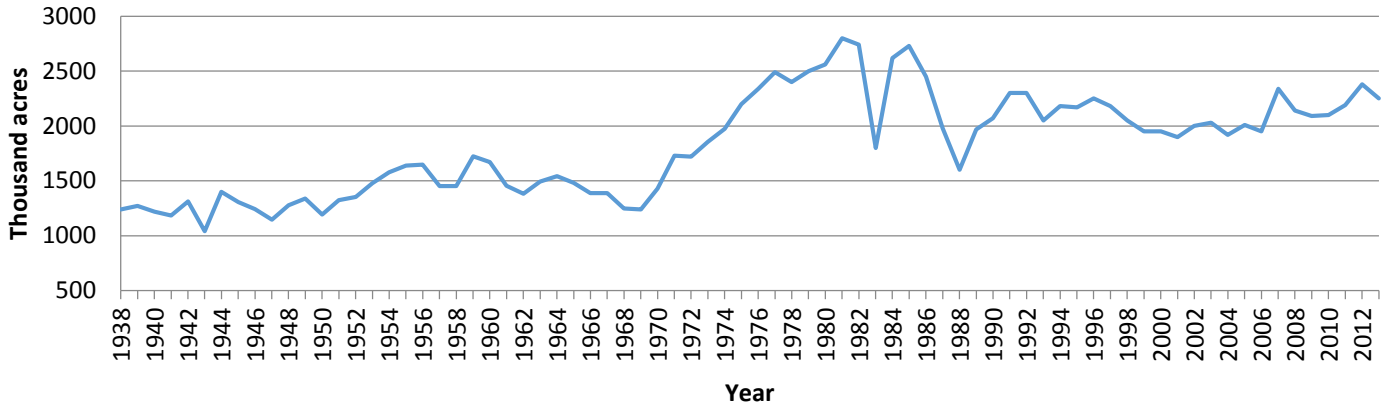
The 2013 corn crop was valued at \$1.41 billion, down 34 percent from 2012. Corn continued to be Michigan's number one crop in value of production. The top three counties in corn production in 2013 were Lenawee, Huron, and Sanilac.

Corn: Acres, yield, production, and value, 2009-2013

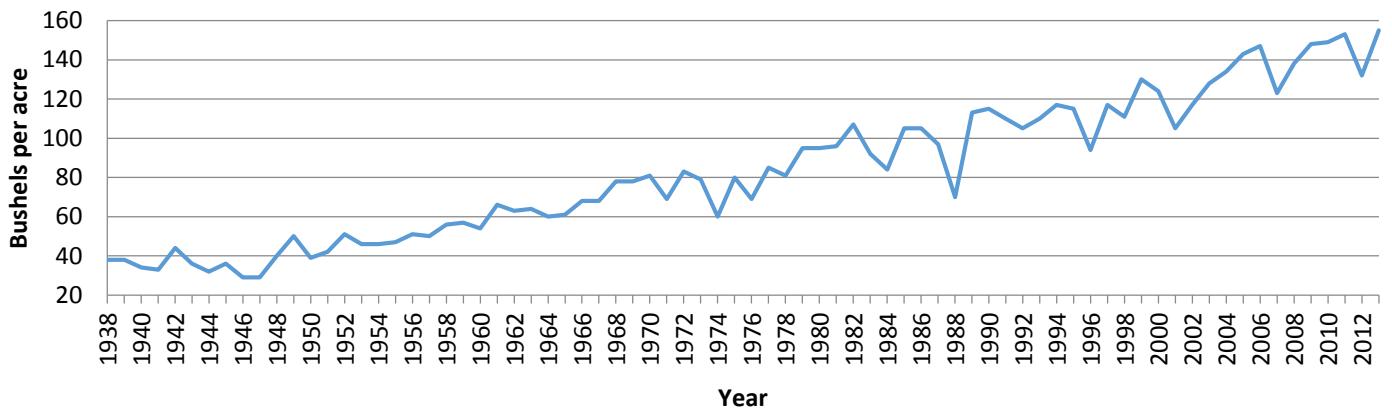
Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
All						
2009	2,350					
2010	2,400					
2011	2,500					
2012	2,700					
2013	2,600					
Grain						
2009		2,090	148	309,320	3.53	1,091,900
2010		2,100	149	312,900	5.56	1,739,724
2011		2,190	153	335,070	6.14	2,057,330
2012		2,380	132	314,160	6.69	2,101,730
2013		2,250	155	348,750	4.05	1,412,438
Silage	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>		
2009		220	15.5	3,410		
2010		290	18.5	5,365		
2011		300	18.0	5,400		
2012		300	15.5	4,650		
2013		340	17.5	5,950		

¹ Marketing year average.

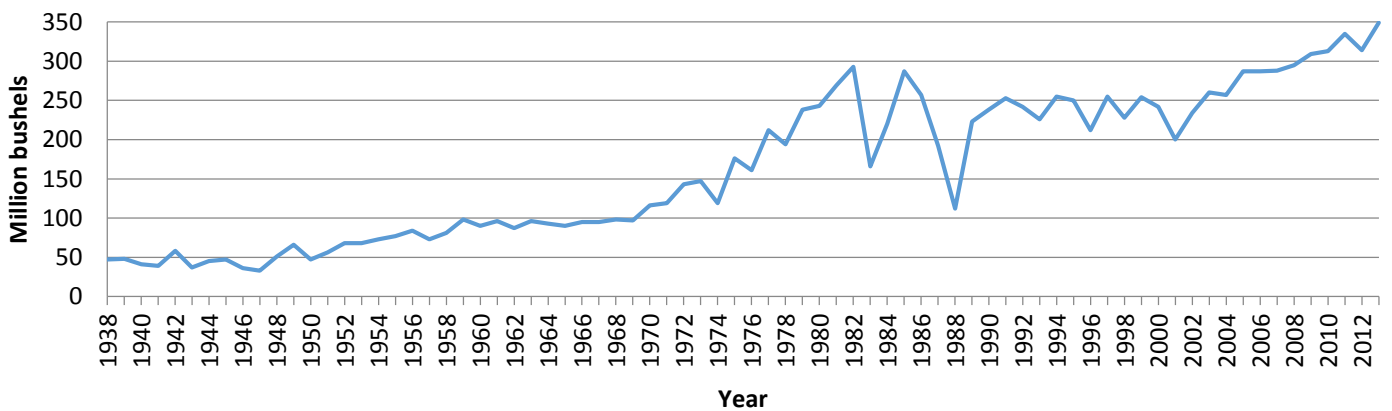
Corn for grain acres, 1938-2013



Corn yield, 1938-2013



Corn production, 1938-2013



Corn for grain: Stocks by quarter, 2009-2013

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
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
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	42,300	13,000	11,866
2012	155,000	81,776	78,000	62,728	34,000	39,398	8,400	9,240
2013	195,000	96,334	105,000	81,306	43,000	53,674	15,000	21,121

Corn: Percentage of acreage planted, 2009-2013

Year	Month and day						
	April		May			June	
	20	30	10	20	30	10	
2009	2	4	18	56	89	99	
2010	13	47	76	83	93	100	
2011	0	4	17	52	69	92	
2012	10	30	56	87	98	100	
2013	0	1	24	80	92	98	
5-year-average	5	17	38	72	88	98	

Corn: Percentage of acreage silked, 2009-2013

Year	Month and day					
	July			August		
	1	10	20	30	10	20
2009	0	1	8	37	74	94
2010	10	28	70	91	98	100
2011	0	1	27	68	93	98
2012	2	18	65	90	99	100
2013	0	5	38	80	94	99
5-year-average	2	11	41	73	92	98

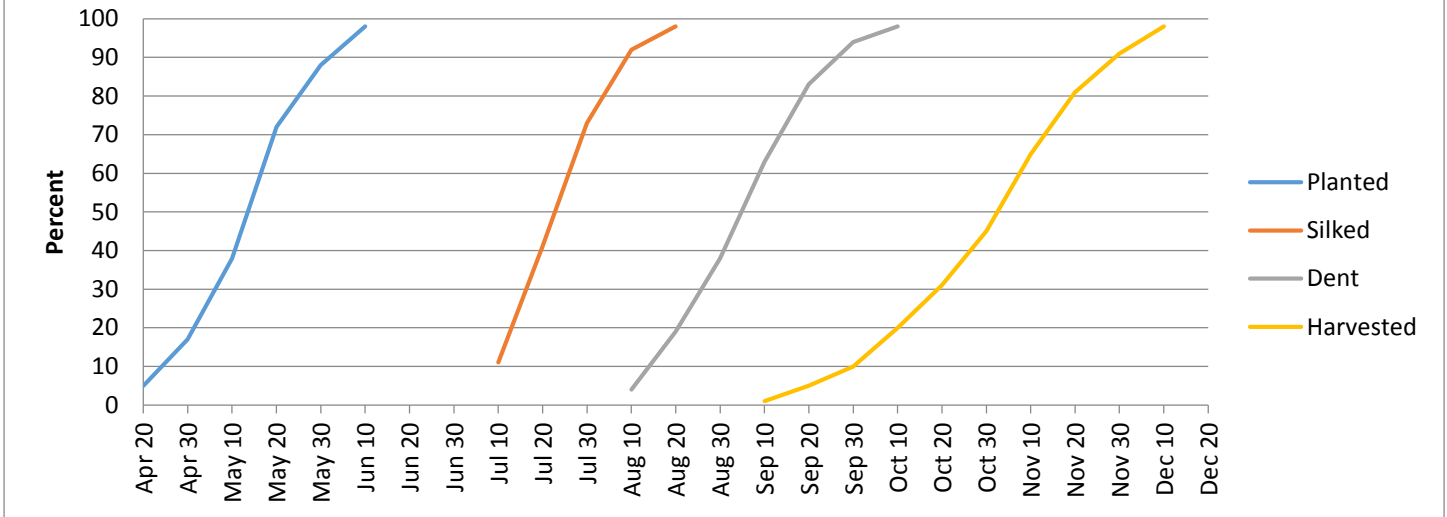
Corn: Percentage of acreage dent stage, 2009-2013

Year	Month and day						
	August			September			October
	10	20	30	10	20	30	10
2009	0	1	13	32	64	84	93
2010	13	46	76	91	99	100	100
2011	0	11	26	59	81	93	98
2012	9	28	52	77	91	99	100
2013	0	8	25	57	80	92	97
5-year-average	4	19	38	63	83	94	98

Corn: Percentage of acreage harvested for grain, 2009-2013

Year	Month and day									
	September			October			November			December
	10	20	30	10	20	30	10	20	30	10
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
2012	2	8	17	29	46	62	82	94	99	100
2013	0	2	7	14	21	38	62	75	87	100
5-year-average	1	5	10	20	31	45	65	81	91	98

Corn progress Five-year average, 2009-2013



Dry Edible Beans

Michigan dry beans were planted a bit later than normal due to wet conditions this spring that prevented equipment from getting onto fields. The majority of the crop was planted by the end of June. By June 10th, 15 percent of dry beans were planted, in contrast to 57 percent in 2012 and to the five-year average of 42 percent. Planting was completed by July 1. Dry beans generally were in good condition throughout the growing season, although some experienced moisture

damage due to excessive rainfall. Harvest began the third week of September and was nearly complete by October 27.

The 2013 total dry bean production was 3.27 million hundredweight (cwt), 13.4 percent of U.S. production. Michigan ranked second in dry bean production for 2013. The value of production was 139.0 million dollars, down 1 percent from 2012.

Dry edible beans: Acres, yield, production, and value, 2009-2013

Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt</i>	<i>Dol/cwt</i>	<i>1,000 dollars</i>
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	45.60	153,216
2012	200	197	1,790	3,526	39.90	140,687
2013	175	172	1,900	3,270	42.50	138,975

¹ Marketing year average.

Dry edible beans: Acres, yield, and production, by class, 2009-2013

Class and Year	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 cwt</i>
Black				
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
2012	90,000	89,000	1,800	1,602
2013	78,500	76,500	1,900	1,455
Cranberry				
2009	3,900	3,800	1,450	55
2010	3,800	3,800	1,500	57
2011	3,500	3,500	1,460	51
2012	3,400	3,400	1,500	51
2013	3,500	3,400	1,260	43
Navy				
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
2012	70,000	69,000	1,850	1,277
2013	60,000	59,600	2,110	1,256
Pinto				
2009	4,000	3,900	1,620	63
2010	4,100	4,100	1,900	78
2011	3,100	3,000	1,730	52
2012	2,000	1,900	1,600	30
2013	2,300	2,200	1,840	40
Red kidney, dark				
2009	2,000	1,900	1,160	22
2010	2,900	2,900	1,100	32
2011	2,800	2,700	1,000	27
2012	2,800	2,700	1,300	35
2013	2,300	2,200	890	20
Red kidney, light				
2009	9,100	9,000	1,540	139
2010	9,000	9,000	1,700	153
2011	7,000	7,000	1,960	137
2012	6,700	6,600	2,000	132
2013	7,900	7,800	1,620	127
Small, red				
2009	21,100	20,700	1,950	404
2010	9,300	9,300	1,860	173
2011	18,000	18,000	1,950	351
2012	19,500	19,300	1,700	328
2013	15,500	15,400	1,850	285
Other				
2009	5,900	5,500	1,470	81
2010	8,900	8,900	1,600	143
2011	5,600	5,300	1,890	100
2012	5,600	5,100	1,400	71
2013	5,000	4,900	900	44

Hay and Haylage

Michigan hay production was estimated at 2.46 million tons, up 33 percent from 2012. Alfalfa and alfalfa mixtures accounted for 77 percent of all dry hay produced. All hay harvested acres were estimated at 940,000 acres, down 3 percent from 2012. The average all hay yield was 2.61 tons per acre, up from 1.91 the previous year. The first cutting began the end of May, and was completed by mid-

July. The second cutting began early July and went until the end of August. The third cutting ran from beginning of August to beginning of October. Average hay prices for the 2013 season increased by 1 percent from 2012. The value of the hay crop was \$445 million. There were 2.12 million tons of haylage produced on 295,000 acres. Production was up 45 percent from the previous year.

Hay, haylage, and greenchop: Acres, yield, production, and value, 2009-2013

Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
All dry hay						
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	110.00	314,900
2012		970	1.88	1,820	173.00	316,148
2013		940	2.61	2,457	175.00	444,522
Alfalfa hay						
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	121.00	271,040
2012		660	2.10	1,386	178.00	246,708
2013		610	3.10	1,891	186.00	351,726
Alfalfa seedings						
2009	90					
2010	110					
2011	90					
2012	95					
2013	95					
Other hay						
2009		290	1.80	522	100.00	52,200
2010		300	2.10	630	81.00	51,030
2011		300	1.70	510	86.00	43,860
2012		310	1.40	434	160.00	69,440
2013		330	1.90	627	148.00	92,796
All haylage and greenchop						
2009		315	5.08	1,601		
2010		330	7.29	2,405		
2011		270	6.90	1,863		
2012		250	6.26	1,566		
2013		295	7.70	2,123		
Alfalfa haylage and greenchop						
2009		290	5.20	1,508		
2010		310	7.50	2,325		
2011		250	7.10	1,775		
2012		220	6.60	1,452		
2013		270	7.40	1,998		

¹ Marketing year average.

Hay: Stocks on farms, 2010-2014

Year	May 1	December 1
	<i>1,000 tons</i>	<i>1,000 tons</i>
2010	330	2,000
2011	420	1,500
2012	360	835
2013	140	1,140
2014	270	(¹)

¹ Published in January 2015.

Maple Syrup

Michigan maple syrup production was estimated at 91,000 gallons for the 2014 season, a 38.5 percent decrease from the previous year. The 2014 maple syrup season was a relatively short one. The season was delayed due to cold and freezing conditions which are unfavorable for sap flow. The season lasted 24 days in 2014, compared to 32 days in 2013 and 18 days in 2012. Total taps in

Michigan were 430,000 – down 60,000 taps from 2013. Syrup yield per tap in 2014 was 0.212 gallon per tap. Michigan producers sold 48 percent of syrup produced in 2013 as retail, 23 percent as wholesale, and 29 percent as bulk. The value of production in 2013 was \$7.22 million, more than doubling 2012's \$3.35 million.

Maple syrup: Taps, yield, production, price, and value, 2010-2014

Year	Taps	Yield per tap	Production	Price per gallon	Value of production
	<i>1,000</i>	<i>Gallons</i>	<i>1,000 gallons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2010	490	0.167	82	45.00	3,690
2011	495	0.248	123	43.80	5,387
2012	435	0.159	69	51.60	3,560
2013	490	0.302	148	48.80	7,222
2014	430	0.212	91	(¹)	(¹)

¹ Published in June 2015.

Mint

Mint: Acres, yield, production, and value, 2009-2013

Year	Harvested	Yield	Production	Price per pound ¹	Value of production
	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Peppermint					
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
2012	0.9	60	54	27.00	1,458
2013	0.7	60	42	27.60	1,159
Spearmint					
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
2012	1.7	70	119	19.00	2,261
2013	1.7	70	119	18.00	2,142

¹ Marketing year average.

Oats

Michigan growers planted 50,000 acres of oats in 2013, the same acreage as the previous year. 35,000 acres were harvested; the yield was 62 bushels per acre. The 2013 oat production was 2.17 million bushels, a 3.33 percent increase from 2012 production. The value of production for oats was \$7.812 million, a 7.46 percent decrease from 2012.

Oats planting commenced in Mid-April, half complete by early May, and completed by Mid-June. Oats had all emerged by Mid-June. Oats harvest began late July and was complete by early September.

The Northeast, Upper Peninsula, South Central, East Central, and Central districts ranked first, second, third, fourth, and fifth, respectively in oats production in 2013.

Oats: Acres, yield, production, and value, 2009-2013

Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009	70	55	63	3,465	2.21	7,658
2010	75	60	68	4,080	2.45	9,996
2011	40	25	64	1,600	3.58	5,728
2012	50	35	60	2,100	4.02	8,442
2013	50	35	62	2,170	3.60	7,812

¹ Marketing year average.

Potatoes

Michigan's 2013 potato production was 17.2 million hundredweight, up 8 percent from 2012. There were 46,000 planted acres, down 1 percent from the previous year. The average yield was

370 cwt. per acre, up 6 percent from 2012. The value of 2013 production was \$207.6 million dollars, up 12 percent from 2012. December 1, 2013, stocks estimates were suspended.

Fall potatoes: Acres, yield, production, and value, 2009-2013

Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009	45.0	43.5	360	15,660	10.50	164,430
2010	44.0	43.5	360	15,660	11.00	170,694
2011	45.0	44.0	345	15,180	11.60	176,088
2012	47.0	46.0	350	16,100	11.60	186,760
2013	44.5	44.0	360	15,840	12.10	207,636

¹ Marketing year average.

Fall potatoes: Stocks by type as percent of total stocks, December 1, 2009-2013

Type	2009	2010	2011	2012	2013
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
White	89	90	88	86	(¹)
Russet	10	9	11	13	(¹)
Red	1	1	1	1	(¹)

¹ Suspended due to sequestration.

Fall potatoes: Production and disposition, 2009-2013

Crop year	Production	Total used for seed	Farm Disposition		Sold
			Seed, feed, and home use	Shrinkage and loss	
	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
2009	15,660	1,060	215	1,675	13,770
2010	15,660	1,089	210	1,180	14,270
2011	15,180	1,168	260	1,420	13,500
2012	16,100	1,068	273	764	15,063
2013	15,840	(¹)	(¹)	(¹)	(¹)

¹ Published in September 2014.

Fall potatoes: Stocks, 2009-2013

Crop year	December 1	February 1	April 1
	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
2009	9,000	5,300	1,700
2010	9,300	5,900	2,300
2011	8,600	5,700	
2012	9,500		¹ 2,100
2013	(¹)	¹ 5,000	1,650

¹ Estimate suspended due to sequestration.

Soybeans

Michigan soybean production totaled 85.4 million bushels in 2013, virtually unchanged from 2012. The yield was 44.5 bushels per acre in 2013, up 1.5 bushel per acre from the previous year. Planted acres decreased by 70,000 acres from last year's total to 1.93 million acres. Harvested acres decreased accordingly to 1.92 million. The marketing year average price was \$12.90 per bushel down \$1.10 from

2012. Soybean planting did not begin in earnest until mid-May in many parts of the state and was not completed until mid-June in the northern part of the Lower Peninsula. Harvest was not completed until late November in these areas. Lenawee, Sanilac, and Saginaw were the three top counties in soybean production. Lenawee County had the highest yield, 52 bushels per acre.

Soybeans: Acres, yield, production, and value, 2009-2013

Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
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	44.5	86,330	12.10	1,044,593
2012	2,000	1,990	43.0	85,570	14.00	1,197,980
2013	1,930	1,920	44.5	85,440	12.90	1,102,176

¹ Marketing year average.

Soybeans: Stocks by quarter, 2009-2013

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
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
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	900	2,957
2012	25,000	28,591	11,000	13,494	6,200	6,090	300	1,703
2013	20,000	25,315	5,000	12,516	1,900	5,293	750	1,389

Soybeans: Percentage of acreage planted, 2009-2013

Year	Month and day							
	April		May			June		
	30	10	20	30	10	20	30	
2009	0	5	27	59	86	97	99	
2010	14	35	44	73	89	96	100	
2011	1	6	21	34	73	96	99	
2012	10	25	62	87	99	100	100	
2013	0	9	51	73	91	100	100	
5-year-average	5	16	41	65	88	98	100	

Soybeans: Percentage of acreage setting pods, 2009-2013

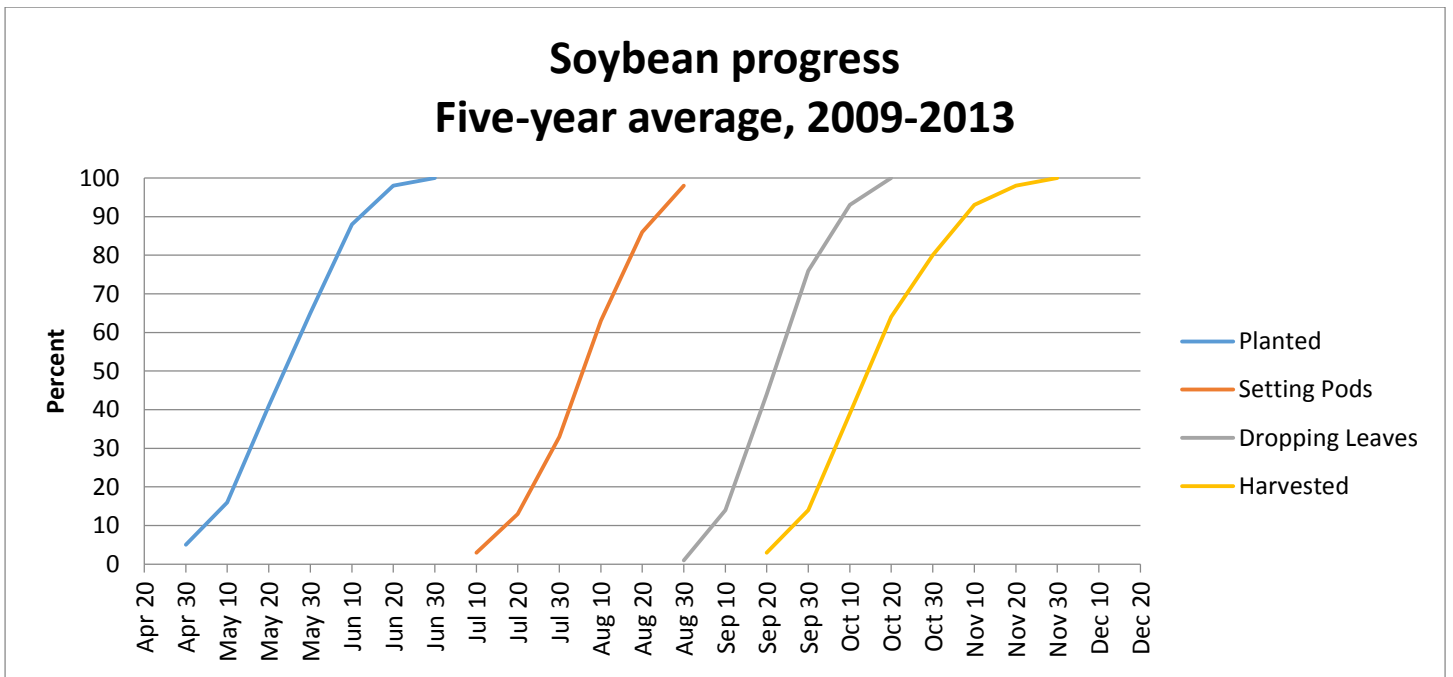
Year	Month and day					
	July			August		
	10	20	30	10	20	30
2009	0	3	13	36	70	95
2010	9	22	46	76	94	100
2011	0	9	18	56	88	98
2012	3	20	47	87	95	100
2013	4	13	41	63	84	95
5-year-average	3	13	33	63	86	98

Soybeans: Percentage of acreage shedding leaves, 2009-2013

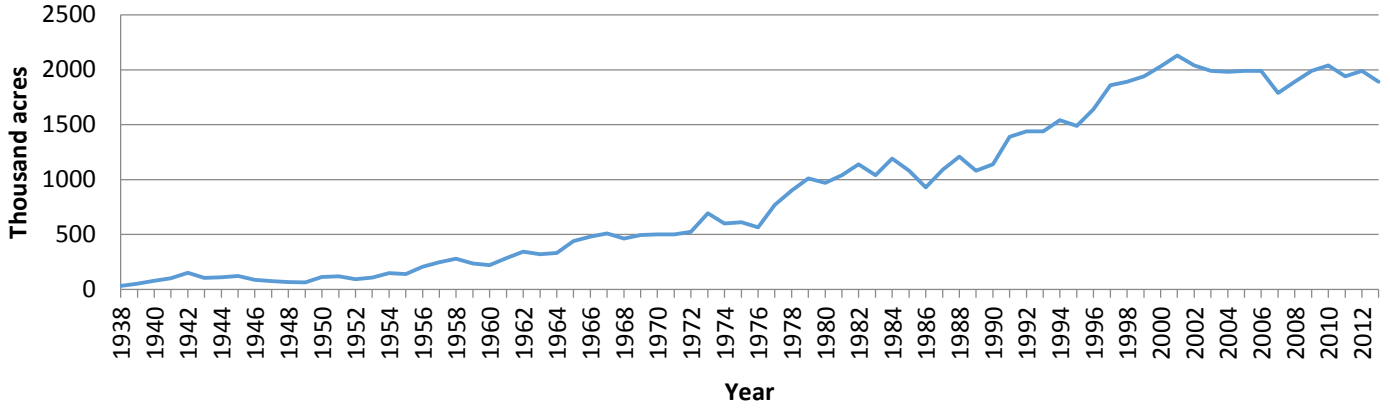
Year	Month and day						
	August		September			October	
	30	10	20	30	10	20	
2009	0	2	23	64	91	99	
2010	3	31	69	92	97	100	
2011	0	5	28	60	89	99	
2012	4	24	58	91	99	100	
2013	0	6	40	75	88	100	
5-year-average	1	14	44	76	93	100	

Soybeans: Percentage of acreage harvested, 2009-2013

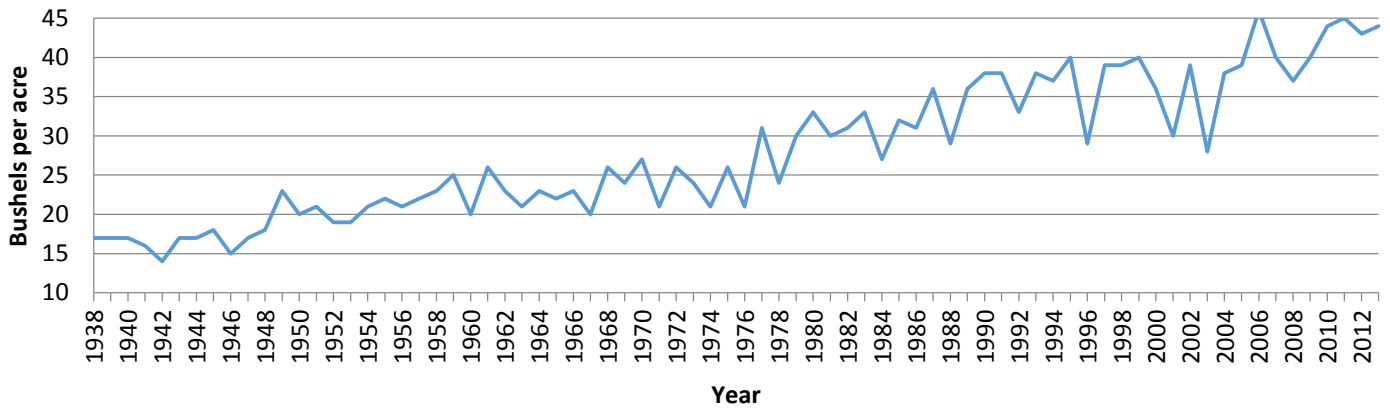
Year	Month and day							
	September		October			November		
	20	30	10	20	30	10	20	30
2009	1	2	6	35	57	83	96	99
2010	7	27	66	87	96	100	100	100
2011	0	1	27	58	77	93	98	100
2012	4	24	55	76	89	97	100	100
2013	3	15	40	66	82	94	97	100
5-year-average	3	14	39	64	80	93	98	100



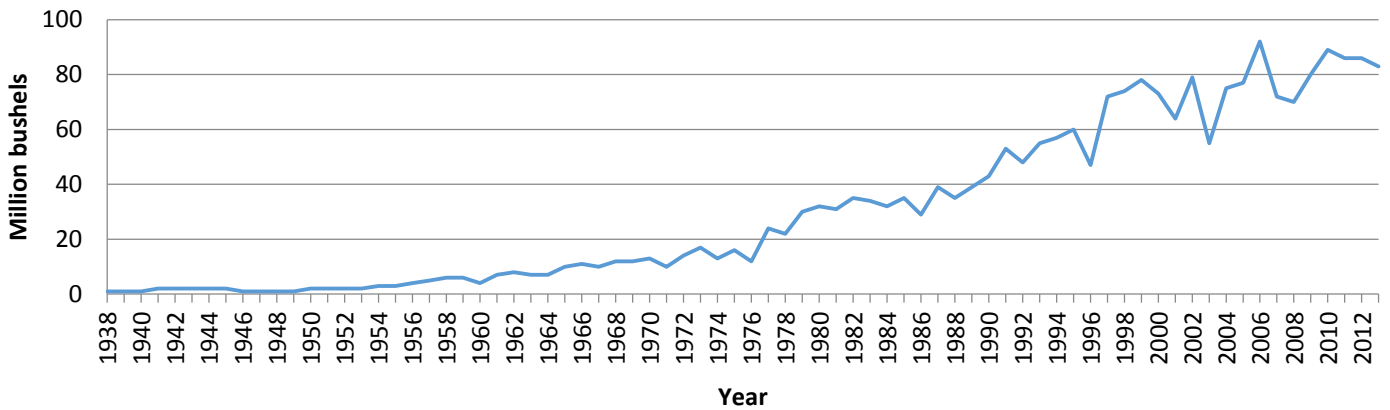
Soybean harvested acres, 1938-2013



Soybean yield, 1938-2013



Soybean production, 1938-2013



Sugarbeets

There were 154,000 acres planted to sugarbeets in 2013, unchanged from the previous year. The yield was 26.2 tons per acre, down 2.8 tons from the previous year. Sugarbeet production in 2013 totaled 4.01 million tons, down almost 10 percent from 2012. Michigan ranked fourth in sugarbeet production, accounting of 12.2 of the U.S. output.

Sugarbeet planting began much later than the five-year average during 2013 due to the cool, wet spring. Planting was complete at the

end of May. Sugarbeet seedlings had difficulties getting established, as ponding caused spotty drown out. Some of these areas were replanted while others were not. Sugarbeet condition generally improved with warmer temperatures in July, and rainfall in August helped add weight to the crop. Harvest began in mid-September, with harvest pace slightly behind schedule due to hard and dry ground. Lower moisture levels in the sugarbeet growing areas of the State slowed yield gains and contributed to harvest loss.

Sugarbeets: Acres, yield, production, and value, 2009-2013

Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
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	87.70	322,034
2012	154	153	29.0	4,437	72.40	321,239
2013	154	153	26.2	4,009	(²)	(²)

¹ Marketing year average.

² Published in February 2015.

Wheat

Michigan's winter wheat crop was 44.2 million bushels in 2013. Planted acres increased to 620,000 acres from 560,000 the previous year. Harvested acreage was up 10 percent from 2012 to 590,000 acres. The average yield, 75 bushels per acre, was down one bushel

from the 2012 year. The value of the crop was \$296.9 million. Huron, Sanilac, and Lenawee were the top three counties in wheat production.

Wheat: Acres, yield, production, and value, 2009-2013

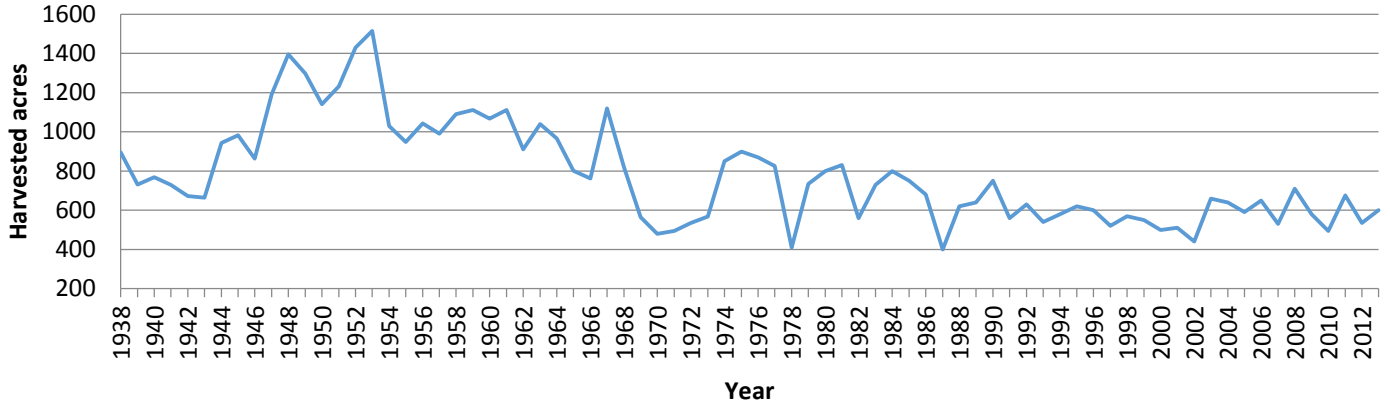
Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009	630	580	68	39,440	4.25	167,620
2010	520	495	70	34,650	5.72	198,198
2011	700	675	75	50,625	6.71	339,694
2012	560	535	76	40,660	7.91	321,621
2013	620	590	75	44,250	6.71	296,918

¹ Marketing year average.

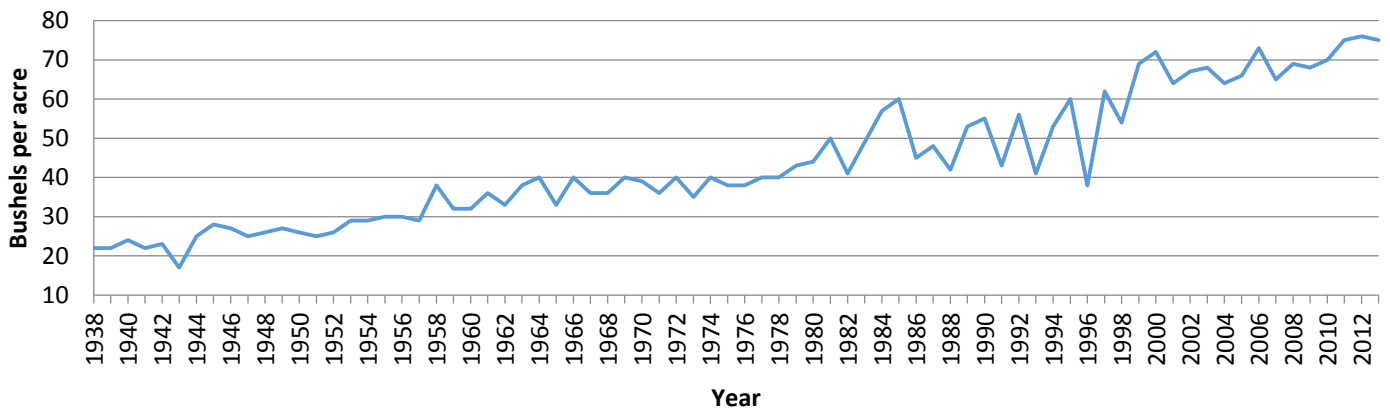
Wheat: Stocks by quarter, 2009-2013

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
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
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	24,450
2012	2,600	46,182	1,700	41,213	1,000	32,826	600	22,410
2013	4,900	42,436	2,100	35,653	1,500	26,943	420	14,850

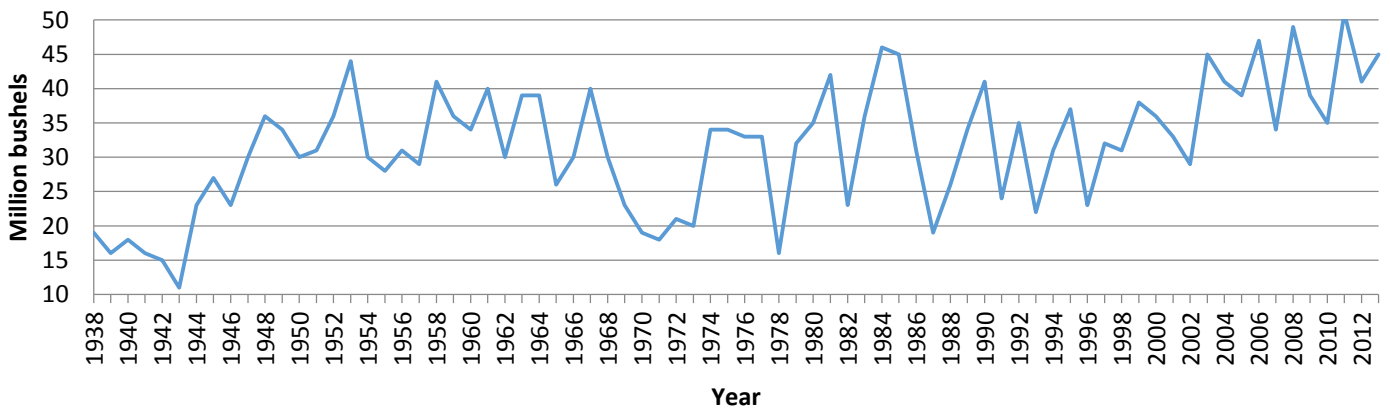
Wheat harvested acres, 1938-2013



Wheat yield, 1938-2013



Wheat production, 1938-2013



Commercial fertilizer consumption: 2008-2012 ¹

Item	Year ending June 30				
	2008	2009	2010	2011	2012
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Primary plant nutrients					
Total N	241,823	193,784	197,487	220,893	219,315
N in multi-nutrients	44,373	42,960	47,575	45,116	46,585
Total P ₂ O ₅	74,767	52,628	61,478	55,144	60,015
P ₂ O ₅ in multi-nutrients	74,219	51,403	61,251	55,012	59,010
Total K ₂ O	173,104	112,820	123,136	119,301	124,558
K ₂ O in multi-nutrients	24,902	26,037	41,448	31,193	31,443
Total plant nutrients	489,694	359,232	382,101	395,337	403,888
Average analysis	40.8	41.1	40.5	37.8	38.3
Total nutrients in multi-nutrients	143,494	120,400	150,274	131,321	137,038
Selected single-nutrient materials					
Ammonium thiosulfate	4,481	2,421	4,003	3,780	4,905
Anhydrous ammonia	38,983	28,078	32,054	29,847	20,730
Nitrogen solutions	302,401	250,297	277,535	292,265	305,886
Urea	137,423	93,397	75,089	93,879	89,500
Ammonium sulfate	35,860	25,863	31,007	46,145	64,793
Concentrated superphosphate	945	1,323	476	260	1,183
Potassium chloride	235,815	136,370	127,049	137,516	143,695
Multiple-nutrient fertilizers					
N-P-K	198,596	133,333	166,552	139,609	122,147
N-P	131,150	90,873	102,126	105,275	106,687
N-K	60,093	56,138	74,207	93,538	112,131
P-K	592	3,291	3,300	7,575	3,133
Leading multiple-nutrient grades					
10-34-0	44,409	22,181	30,699	31,057	32,396
11-52-0	42,688	21,927	22,647	20,409	24,852
12-40-0	(²)	3,844	4,607	9,786	13,166
18-46-0	25,550	15,401	13,940	12,895	11,898
10-0-11	(²)	(²)	(²)	(²)	8,568
Fertilizer consumption by classes					
Dry bulk single-nutrient	429,052	288,748	269,277	341,633	350,031
Dry bagged single-nutrient	20,665	14,421	11,375	20,890	15,800
Fluid single-nutrient	358,642	287,842	317,128	338,503	345,583
Dry bulk multiple-nutrient	134,348	139,855	185,986	152,928	167,354
Dry bagged multiple-nutrient	155,401	85,689	67,968	101,443	85,734
Fluid multiple-nutrient	100,681	58,091	92,231	91,626	91,010
Organics, secondary and micronutrients	150,999	244,014	76,304	161,347	240,660
Total	1,349,788	1,118,661	1,020,269	1,208,370	1,296,172

¹ Source: The Association of American Plant Food Control Officials.

² Grade not published.

Fruit

Michigan fruit crops were excellent, rebounding from the devastation of 2012. Apple production was a record high 1.26 billion pounds, compared with 115 million pounds in 2012. The preliminary farm level value of production was \$245.8 million. Tart cherry production was 219 million pounds, compared with 12 million pounds in 2012. The average yield was 7,810 pounds per acre. The preliminary farm level value was \$74.5 million. Sweet cherry production was 22,900 tons, up from 4,250 tons produced in 2012. The average yield was 3.47 tons per acre. The preliminary farm level value was \$21.0 million.

Cultivated blueberry production was a record high 114 million pounds, approximately 21 percent of the U.S. total. Growers

harvested 19,000 acres in 2013. The farm level value was \$121.2 million. Strawberry production was 4.4 million pounds on 750 harvested acres. The farm level value was \$7.1 million.

Grape production was 94,000 tons. The farm level value was \$36.6 million. There were 52,000 tons of Concords and 32,900 tons of Niagara grapes processed. Peach production was 41.2 million pounds, up from 4.0 million pounds in 2012. There were 3,300 bearing acres, and the farm level value was \$14.0 million. Pear production was 5,350 tons on 700 acres. The farm level value was \$1.8 million. Plum production was 1,890 tons on 500 acres. The farm level value was \$964,000.

Fruit: Record highs and lows

Crop and Unit	Record high		Record low		Year estimates started
	Quantity	Year	Quantity	Year	
Apples.....Million pounds	1,260	2013	53	1945	1889
Blueberries.....Million pounds	114	2013	12	1977	1977
Cherries, sweet.....Tons	37,500	1978	500	1945	1925
Cherries, tart.....Million pounds	380	1964	12	2012	1925
Grapes.....Tons	102,700	2005	4,200	1889	1889
Peaches.....Million pounds	255	1945,1946	4.0	2012	1889
Pears.....Tons	48,600	1964	40	2012	1889
Plums.....Tons	25,000	1971	65	2012	1919
Strawberries.....1,000 cwt	451	1940	29	2010	1928

Fruit: Acres harvested and value of production, 2009-2013

Item	Unit	2009	2010	2011	2012	2013
Acres harvested	1,000 acres	109	107	106	107	110
Value of production	1,000 dollars	329,074	308,290	438,405	207,439	522,925

Fruit: Acres, production, and value, 2009-2013

Fruit and Year	Bearing acres	Yield	Production		Price	Value of production
			Total	Utilized		
	<i>Acres</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Dollars per pound</i>	<i>1,000 dollars</i>
Apples						
2009	37,000	30,800	1,140	985	0.130	127,888
2010	35,000	16,300	570	570	0.181	103,375
2011	34,500	28,400	980	975	0.207	201,650
2012	35,000	3,290	115	115	0.352	40,475
2013	36,500	34,500	1,260	1,250	0.197	245,810
Blueberries ¹						
2009	18,500	5,350	99	99	1.030	101,850
2010	18,600	5,860	109	109	1.230	134,300
2011	19,200	3,750	72	72	1.650	118,700
2012	19,000	4,850	87	87	1.410	122,700
2013	19,000	6,000	114	114	1.060	121,200
Cherries, tart						
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
2012	27,300	425	12	12	1.110	12,880
2013	28,000	7,810	219	216	0.345	74,515
Peaches						
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
2012	3,500	1,140	4.0	4.0	0.665	2,624
2013	3,300	12,500	41.2	39.6	0.353	13,972
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>
Cherries, sweet						
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
2012	6,500	0.65	4,250	4,250	1,440	6,133
2013	6,600	3.47	22,900	21,800	964	21,012
Grapes						
2009	14,100	6.84	96,500	78,400	341	26,712
2010	14,000	2.57	36,000	36,000	430	15,497
2011	14,000	6.74	94,400	93,400	364	33,957
2012	13,900	2.75	38,200	38,200	464	17,738
2013	14,700	6.39	94,000	94,000	389	36,552
Pears						
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
2012	700	0.06	40	40	625	25
2013	700	7.64	5,350	5,180	348	1,805
Plums						
2009	600	4.83	2,900	2,000	530	1,060
2010	550	3.64	2,000	1,500	640	960
2011	500	3.20	1,600	1,600	700	1,120
2012	500	0.13	65	65	585	38
2013	500	3.78	1,890	1,890	510	964

¹ Harvested acres.

Apples: Utilization and price, 2009-2013

Year	Fresh market		Processing		Total	
	Quantity	Price per lb	Quantity	Price per lb	Quantity	Price per lb
	<i>Million pounds</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Dollars</i>
2009	400	0.215	595	0.074	985	0.130
2010	210	0.300	360	0.112	570	0.181
2011	350	0.350	625	0.126	975	0.207
2012	45	0.480	70	0.270	115	0.352
2013	480	0.345	770	0.104	1,250	0.197

Apples, processing: Utilization and price, 2009-2013

Year	Canned		Frozen and fresh slices		Juice and cider	
	Quantity	Price per lb	Quantity	Price per lb	Quantity	Price per lb
	<i>Million pounds</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Dollars</i>
2009	210	0.070	200	0.096	175	0.052
2010	160	0.120	115	0.115	80	0.090
2011	245	0.130	235	0.141	135	0.095
2012	25	0.275	30	0.312	15	0.175
2013	290	0.110	293	0.122	185	0.065

Blueberries: Utilization and price, 2009-2013

Year	Production		Fresh market		Processed	
	Total	Utilized	Quantity	Price per pound	Quantity	Price per pound
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Dollars</i>
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
2012	87	87	33	2.000	54	1.050
2013	114	114	48	1.700	66	0.600

Cherries, sweet: Production and utilization, 2009-2013

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
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dollars</i>
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
2012	4,250	120	4,280	(²)	(²)	1,350	1,050	2,780	1,510
2013	22,900	1,200	2,290	(²)	(²)	13,100	730	7,500	1,160

¹ Frozen, juice, etc.

² Included in other.

Cherries, tart: Utilization, 2009-2013

Year	Production		Fresh market	Processed					
	Total	Utilized		Canned		Frozen		Other ¹	
				Quantity	Price per pound	Quantity	Price per pound	Quantity	Price per pound
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Dollars</i>
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
2012	12	12	0.1	3.0	1.160	8	1.080	0.5	1.040
2013	219	216	0.3	36.3	0.360	118	0.341	10.6	0.310

¹ Juice, wine, and dried.

Cherries, tart: Production by region, 2009-2013

Region	2009	2010	2011	2012	2013
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Northwest	186.5	66.0	92.5	2.6	126.7
West Central	63.0	57.0	48.0	7.8	62.4
Southwest and other	16.5	12.0	17.0	1.2	29.6
Michigan	266.0	135.0	157.5	11.6	218.7

Cherries, tart, frozen: Stocks in cold storage, 2010-2013

Month	East North Central region ¹				48 States total ²			
	2010-11	2011-12	2012-13	2013-14	2010-11	2011-12	2012-13	2013-14
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
July	134,888	87,152	16,670	83,133	161,826	96,444	59,120	114,938
August	122,269	86,189	14,435	113,816	150,298	124,645	51,815	150,224
September	108,622	76,941	14,056	104,879	136,233	108,842	50,514	139,064
October	99,997	67,829	14,946	95,972	128,236	98,395	49,966	128,171
November	92,176	62,002	21,617	86,756	118,223	90,339	56,135	114,676
December	85,817	56,549	18,688	86,134	110,166	83,622	51,161	112,101
January	77,950	47,930	18,604	78,114	97,223	73,371	44,651	99,639
February	70,482	41,829	16,400	72,678	87,153	65,185	38,315	91,631
March	59,155	35,781	14,446	67,145	71,167	54,211	33,746	82,926
April	51,223	28,252	11,790	57,246	62,380	44,684	26,644	71,746
May	43,512	17,628	9,066	47,865	50,776	32,532	19,127	58,869
June	34,711	15,119	6,874	40,328	40,803	26,924	14,227	50,181

¹ Illinois, Indiana, Michigan, Ohio, and Wisconsin.

² Excluding Alaska and Hawaii.

Grapes: Processed utilization and value, 2009-2013

Year	Concord	Niagara	Other	Total		
				Utilized production	Price per ton	Value
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009	45,400	27,500	4,200	77,100	306	23,592
2010	18,100	13,000	3,800	34,900	368	12,857
2011	55,100	31,000	6,200	92,300	339	31,317
2012	21,000	10,800	5,950	37,750	441	16,635
2013	52,000	32,900	8,000	92,900	364	33,857

Grapes: Processed for wine by category, 2009-2013

Year	Hybrids		Vinifera		Other		Total		
	Quantity	Price per ton	Quantity	Price per ton	Quantity	Price per ton	Quantity	Price per ton	Value of production
	<i>Tons</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
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
2012	1,980	700	3,820	1,610	1,150	305	6,950	1,135	7,888
2013	3,200	685	4,200	1,635	200	310	7,600	1,200	9,120

Strawberries: Acres, production and value, 2009-2013

Year	Total	Harvested	Yield	Production	Price per cwt	Value of production
	<i>Acres</i>	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009	950	800	58	46	144.00	6,615
2010	950	750	39	29	141.00	4,089
2011	850	700	44	31	146.00	4,522
2012	750	650	51	33	146.00	4,826
2013	850	750	59	44	161.00	7,095

Strawberries: Utilization and value, 2009-2013

Year	Fresh Market			Processing		
	Production	Price per cwt	Value of production	Production	Price per cwt	Value of production
	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009	43	150	6,450	3	55.00	165
2010	27	147	3,969	2	60.00	120
2011	29	152	4,408	2	57.00	114
2012	32	149	4,768	1	58.00	58
2013	(D)	(D)	(D)	(D)	(D)	(D)

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

(D) Not published due to confidentiality.

Refrigerated warehouses: Number and capacity, October 1, 2013 ¹

Type	Number	Usable freezer space	Usable cooler space
		<i>1,000 cu ft</i>	<i>1,000 cu ft</i>
Public	21	55,693	3,561
Private and Semi-Private	17	14,273	6,096
Total	38	69,966	9,657

¹ Conducted biennially.

Vegetables

Michigan growers produced 8.02 million hundredweight (cwt) of fresh market vegetables in 2013, an increase of 2 percent from 2012. This included the fresh market and dual purpose vegetable crops. Harvested acreage was 49,400. The value of fresh market vegetables, at the farm gate level, was \$187.3 million, up 8 percent from 2012. 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. Growers produced 348,300 tons of processing vegetables in 2013, virtually unchanged from 2012. Harvested acreage was 49,000 acres. Farm gate value of production totaled \$69.5 million. Nationally, Michigan ranked fifth for processing vegetable value of production. Processing vegetables includes cucumbers for pickles, snap beans, and tomatoes, carrots for processing were confided to avoid disclosure of individual operations.

Asparagus production for fresh and processed markets totaled 206 thousand cwt, up 8 percent from 2012. Cucumbers for pickles totaled 162,400 tons, up 5 percent from last year. Michigan is the number one state in the production of cucumbers for pickles. Fresh market cucumbers totaled 665 thousand cwt, accounting for 8 percent of the U.S. total. Production of snap beans for fresh market totaled 125 thousand cwt, up 2 percent from last year. Snap beans for processing totaled 77,100 tons, up 8 percent from last year. Fresh market cabbage production totaled 690 thousand cwt, down 1 percent from 2012. Production for carrots for fresh market totaled 435 thousand cwt, the second highest in the U.S. Celery production for fresh and processing markets was 1,035 thousand cwt, down 8 percent from last year. Sweet corn for fresh market totaled 900 thousand cwt, down 5 percent from 2012. Onion production for fresh markets totaled 810 thousand cwt, 26 percent above 2012. Bell pepper production for fresh and processed markets totaled 375 thousand cwt, down 4 percent from last year. Pumpkin production for fresh and processed markets totaled 978 thousand cwt, up 5 percent from 2012. Squash production for fresh and processed markets totaled 1,220 thousand cwt, down 16 percent from 2012. Tomatoes for fresh market totaled 576 thousand cwt, up 44 percent from 2012. Tomatoes for processing totaled 108,800 tons, down 13 percent from 2012.

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	4.33	2013	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	2005,2013	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	2.7	2013	1928
Yield	Cwt	350	1960,2009	120	1935	
Production	1,000 cwt	2,833	1948	644	2012	
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, 2009-2013

Item	Unit	2009	2010 ¹	2011 ¹	2012 ¹	2013 ¹
Acres harvested	1,000 acres	107	105	105	102	98
Value of production	1,000 dollars	249,476	252,148	251,544	257,165	256,759

¹ Processing carrots excluded to avoid disclosure of individual operations.

Principal vegetables, fresh market: Acres, production, and value, 2009-2013 ¹

Year	Planted	Harvested	Production	Value
	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 dollars</i>
2009	57,500	54,500	9,100	171,540
2010	57,800	55,400	8,430	176,860
2011	57,500	54,400	8,445	180,343
2012	55,900	51,900	8,479	189,042
2013	53,100	49,400	8,015	187,289

¹ Includes dual purpose vegetables.

Principal vegetables, processing: Acres, production, and value, 2009-2013 ¹

Year	Planted	Harvested	Production	Value
	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>1,000 dollars</i>
2009	53,500	52,400	386,280	77,936
2010 ²	50,300	49,300	372,810	75,288
2011 ²	51,800	50,700	334,520	71,201
2012 ²	51,300	50,000	348,680	68,123
2013 ²	50,300	49,000	348,300	69,470

¹ Excludes dual purpose vegetables.

² Processing carrots excluded to avoid disclosure of individual operations.

Vegetables, processing: Acres, production, and value, 2009-2013

Item and Year	Planted	Harvested	Yield	Production	Price per ton	Value
	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Cucumbers						
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
2012	29,700	28,700	5.40	154,980	240.00	37,195
2013	29,000	28,000	5.80	162,400	230.00	37,352
Snap beans						
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
2012	18,000	17,800	4.00	71,200	235.00	16,718
2013	18,000	17,800	4.33	77,100	240.00	18,518
Tomatoes						
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
2012	3,600	3,500	35.00	122,500	116.00	14,210
2013	3,300	3,200	34.00	108,800	125.00	13,600

Vegetables, fresh market: Acres, production, and value, 2009-2013

Item and year	Planted	Harvested	Yield	Production	Price per cwt	Value ¹
	<i>Acres</i>	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Beans, snap						
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
2012	2,800	2,600	47	122	55.00	6,710
2013	2,800	2,600	48	125	57.00	7,125
Cabbage						
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
2012	3,000	2,800	250	700	17.00	11,900
2013	3,100	3,000	230	690	16.00	11,040
Carrots						
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
2012	1,600	1,500	280	420	16.60	6,972
2013	1,700	1,500	290	435	16.60	7,221
Corn, sweet						
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
2012	10,100	9,100	104	946	25.60	24,218
2013	10,000	9,000	100	900	26.00	23,400
Cucumbers						
2009	4,400	4,300	225	968	19.20	18,586
2010	4,300	4,300	210	903	22.70	20,498
2011	4,500	4,400	190	836	23.00	19,228
2012	4,700	4,500	170	765	23.50	17,978
2013	3,600	3,500	190	665	21.00	13,965
Onions						
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	14.80	9,664
2012	3,000	2,800	230	644	13.00	7,748
2013	2,800	2,700	300	810	15.90	11,082
Tomatoes						
2009	2,100	2,000	300	600	35.00	21,000
2010	2,300	2,200	200	440	54.00	23,760
2011	2,500	2,400	220	528	40.00	21,120
2012	2,700	2,600	200	520	40.00	20,800
2013	2,500	2,400	240	576	55.00	31,680

¹ Value of sales for onions.

Vegetables, dual purpose: Acres, production, and value, 2009-2013

Item and year	Planted	Harvested	Yield	Production	Price per cwt	Value
	<i>Acres</i>	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Asparagus						
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
2012	10,300	9,100	21	191	90.40	17,274
2013	10,300	9,000	23	206	90.50	18,640
Celery						
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
2012	2,100	2,000	565	1,130	19.80	22,380
2013	1,900	1,800	575	1,035	19.70	20,359
Peppers, bell						
2009	1,700	1,600	240	384	30.00	11,520
2010	1,700	1,600	230	368	33.00	12,144
2011	1,600	1,500	270	405	36.00	14,580
2012	1,700	1,600	260	416	38.00	15,808
2013	1,600	1,500	250	375	37.00	13,875
Pumpkins						
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
2012	6,800	6,300	150	945	14.00	13,230
2013	6,600	6,300	155	978	11.50	11,212
Squash						
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	6,900	6,800	220	1,496	13.10	19,598
2012	7,100	7,000	240	1,680	14.30	24,024
2013	6,200	6,100	200	1,220	14.50	17,690

U.S. Pickle stocks in tanks, barrels, and fresh pack, December 1, 2009-2013

Year	From current year crop			From previous year crop		Total stocks
	Salt stock including dill	Fresh pack	Refrigerated	Salt stock including dill		
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>		<i>Tons</i>
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
2012	206,561	44,877	17,033	6,532		275,003
2013	165,055	41,000	375	6,390		212,820

Horticulture

Michigan kept steady in third place in national ranking in value of wholesale sales of floriculture products in 2013, behind California and Florida. Reports from Michigan's 599 commercial growers (with \$10K or more in gross sales) showed an estimated wholesale value of \$406.2 million for all surveyed floriculture crops, up \$27.2 million 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 \$10,000 to \$99,999.

The leading crop category breakdowns for Michigan operations with more than \$100K in sales were: First -- annual bedding/garden plants with \$216.0 million in sales; second -- propagative materials with \$75.2 million in sales; third -- herbaceous perennial plants with \$59.4 million in sales; fourth -- potted flowering plants with \$33.4 million in sales.

Michigan leads the nation in value of sales for twelve floriculture crops: Impatiens flats (other) with 1.7 million flats sold, valued at \$10.6 million; begonias flats with 813,000 flats sold, valued at \$6.3 million; geraniums flats (seeds) with 207,000 flats sold, valued at \$1.1 million; petunias flats with 1.5 million flats sold, valued at \$12.3 million; begonias hanging baskets with 771,000 baskets sold, valued at \$5.0 million; geranium hanging baskets (cuttings) with 724,000

baskets sold, valued at \$5.1 million; impatiens hanging baskets (other) with 675,000 sold, valued at \$3.3 million; marigolds hanging baskets with 54,000 sold, valued at \$195,000; petunias hanging baskets with 1.4 million baskets sold, valued at \$7.7 million; potted easter lilies with 1.2 million pots sold, valued at \$4.9 million; potted geraniums (seeds) with 9.0 million pots sold, valued at \$7.1 million; potted petunias with 4.1 million pots sold, valued at \$9.1 million.

Total covered area for all operations in the state was 48.5 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.

The 2013 wholesale value of floriculture crops is up 7 percent from the 2012 valuation. The total crop value at wholesale for the 15-State program for all growers with \$10,000 or more in sales is estimated at \$4.40 billion for 2013, a 1% increase over 2012's \$4.36 billion. California continues to lead sales with wholesale crops valued at \$1.14 billion, up 3% from 2012. Florida weighs in second with wholesale sales of \$887 million, down 1% from 2012. These two States alone account for 46 percent of the 15-State total value. Michigan, Texas, and North Carolina follow to round out the top 5 states by wholesale sales. These five states account for 67% of wholesale sales in 2013.

Floriculture crops: Number of growers by gross value of sales, 2009-2013

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
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
2009	103	96	42	116	199	128	684
2010	60	83	38	125	178	137	621
2011	47	79	38	123	174	123	584
2012	66	83	35	111	190	121	606
2013	76	83	37	110	167	126	599

Floriculture crops: Growing area by type of cover, 2009-2013

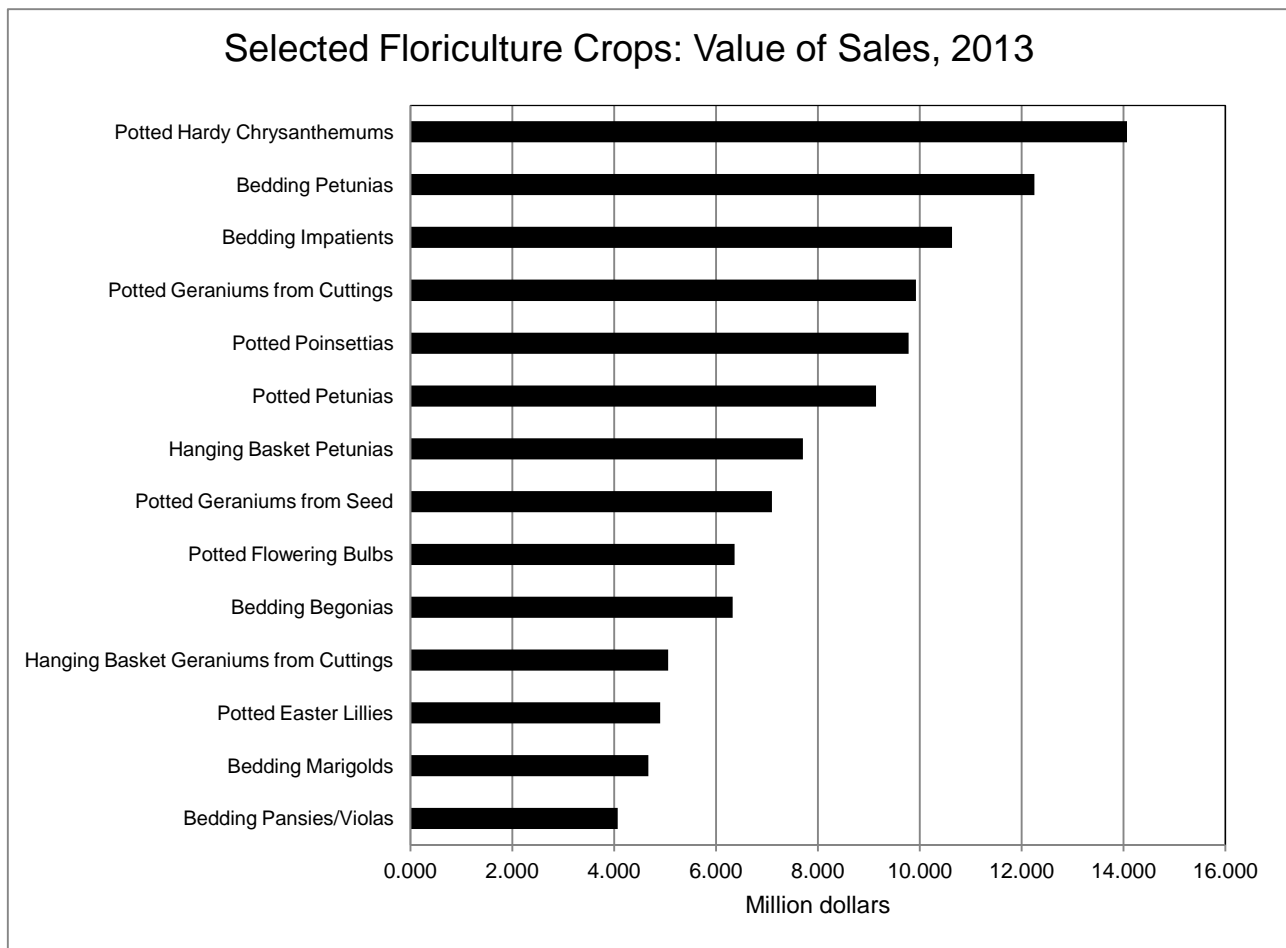
Year	Glass greenhouses	Fiberglass and other rigid greenhouses	Plastic film greenhouses	Total greenhouse cover	Shade and temporary cover	Total covered area	Open ground
	<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>Acres</i>
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
2012	4,640	4,101	39,202	47,943	634	48,577	3,324
2013	4,991	3,775	38,970	47,736	727	48,463	3,065

Floriculture crops: Wholesale value of sales by category, 2009-2013

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
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
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
2012	5,017	25,482	1,915	255,483	366,407	379,020
2013	4,790	33,426	4,804	275,439	393,650	406,248

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, 2009-2013

Item	Producers	Quantity sold	Percent of sales at wholesale	Wholesale price	Value of sales at wholesale
	<i>Number</i>	<i>1,000 flats</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Begonias					
2009	219	891	84	7.53	6,709
2010	199	828	86	7.54	6,243
2011	191	804	85	7.44	5,982
2012	199	768	83	8.27	6,351
2013	184	813	82	7.78	6,325
Geraniums from cuttings					
2009	17	60	43	16.93	1,016
2010	14	43	78	15.48	666
2011	12	41	83	16.07	659
2012	14	30	79	19.97	599
2013	14	30	78	19.66	590
Geraniums from seed					
2009	32	52	65	11.38	592
2010	25	174	88	10.02	1,743
2011	24	52	48	11.51	599
2012	26	56	76	10.34	579
2013	19	207	96	5.54	1,147
Impatiens					
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
2012	197	1,567	84	8.07	12,646
2013	168	1,656	91	6.42	10,632
Marigolds					
2009	220	810	88	7.59	6,148
2010	206	740	89	7.43	5,498
2011	194	723	87	7.20	5,206
2012	204	568	84	8.20	4,658
2013	184	723	89	6.46	4,671
New Guinea Impatiens					
2009	31	53	83	7.50	398
2010	23	44	80	7.23	318
2011	25	41	78	7.03	288
2012	21	30	76	6.85	206
2013	23	41	78	6.90	283
Pansies/Violas					
2009	201	587	90	7.16	4,203
2010	186	652	92	6.80	4,434
2011	176	630	92	7.18	4,523
2012	185	635	92	7.44	4,724
2013	171	500	91	8.14	4,070
Petunias					
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
2012	210	1,248	87	8.85	11,045
2013	191	1,478	89	8.29	12,253
Other flowering and foliar					
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
2012	208	2,525	87	8.64	21,816
2013	191	3,741	92	6.87	25,701
Vegetables ¹					
2009	143	844	86	7.78	6,556
2010	166	971	85	7.82	7,593
2011	153	764	81	9.19	7,021
2012	160	755	82	9.43	7,120
2013	142	560	77	8.25	4,620

¹ Does not include vegetable transplants grown for commercial use.

Hanging baskets: Producers, quantity sold, price, and value, 2009-2013

Item	Producers	Quantity sold	Percent of sales at wholesale	Wholesale price	Value of sales at wholesale
	<i>Number</i>	<i>1,000 baskets</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Begonias					
2009	166	357	87	5.93	2,117
2010	158	388	89	6.38	2,475
2011	150	502	89	7.34	3,685
2012	170	528	78	6.03	3,184
2013	159	771	85	6.5	5,012
Geraniums from cuttings					
2009	202	598	80	7.45	4,455
2010	195	811	86	6.93	5,620
2011	190	802	84	7.07	5,670
2012	201	659	76	7.46	4,916
2013	195	724	79	6.99	5,061
Geraniums from seed					
2009	34	79	93	7.13	563
2010	21	43	95	6.48	279
2011	21	36	95	6.63	239
2012	22	82	97	6.86	563
2013	22	53	94	5.77	306
Impatiens					
2009	176	514	86	5.44	2,796
2010	174	537	90	5.48	2,943
2011	168	505	86	5.89	2,974
2012	180	620	89	5.05	3,131
2013	150	675	93	4.92	3,321
Marigolds					
2009	9	24	98	3.9	94
2010	13	20	97	3.9	78
2011	14	22	96	4.27	94
2012	21	38	94	4.39	167
2013	19	54	96	3.62	195
New Guinea Impatiens					
2009	200	455	88	7.04	3,203
2010	181	491	88	6.77	3,324
2011	169	483	87	6.55	3,164
2012	178	390	83	7.24	2,824
2013	163	421	88	6.71	2,825
Pansies/Violas					
2009	43	371	98	4.86	1,803
2010	40	80	94	5.56	445
2011	45	96	90	5.61	539
2012	52	220	99	5.07	1,115
2013	47	262	97	4.24	1,111
Petunias					
2009	197	826	86	5.73	4,733
2010	194	1,194	91	5.67	6,770
2011	185	1,176	89	6.1	7,174
2012	192	1,171	88	5.69	6,499
2013	177	1,374	85	5.37	7,708
Other flowering					
2009	187	1,700	87	7.52	12,784
2010	194	2,471	86	7.2	17,791
2011	183	2,213	86	7.72	17,084
2012	175	2,449	89	6.53	15,992
2013	169	3,107	91	6.8	21,128
Foliage					
2009	47	768	97	5.66	4,347
2010	55	765	93	5.66	4,330
2011	(¹)	(¹)	(¹)	(¹)	(¹)
2012	(¹)	(¹)	(¹)	(¹)	(¹)
2013	(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, 2009-2013

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	
	<i>Number</i>	<i>1,000 pots</i>	<i>1,000 pots</i>	<i>1,000 pots</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Azaleas								
2009	11	(¹)	35	35	94	(¹)	6.74	236
2010	8	(¹)	13	13	84	(¹)	10.49	136
2011	9	(¹)	13	13	81	(¹)	10.79	140
2012	9	(¹)	34	34	94	(¹)	6.54	222
2013	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Begonias								
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
2012	120	898	175	1,073	84	1.45	2.75	1,783
2013	108	1,397	239	1,636	89	1.43	5.18	3,236
Chrysanthemums, florist								
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
2012	19	33	301	334	96	1.70	4.69	1,468
2013	18	29	487	516	96	1.72	4.84	2,407
Chrysanthemums, hardy garden								
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
2012	130	985	4,495	5,480	94	0.92	2.78	13,402
2013	114	1,525	4,397	5,922	95	0.98	2.86	14,070
Easter Lilies								
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
2012	22	37	1,136	1,173	98	3.48	4.28	4,991
2013	26	37	1,156	1,193	98	3.51	4.13	4,904
Geraniums from cuttings								
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
2012	205	2,078	1,327	3,405	70	1.93	3.92	9,212
2013	188	2,418	1,304	3,722	76	1.72	4.42	9,923
Geraniums from seed								
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
2012	89	8,923	34	8,957	98	0.77	6.90	7,105
2013	76	8,975	19	8,994	98	0.78	5.17	7,099
Impatiens								
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
2012	76	653	189	842	94	1.24	2.79	1,337
2013	67	656	212	868	97	1.01	2.82	1,260
Marigolds								
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
2012	28	63	125	188	95	0.83	2.76	397
2013	24	228	95	323	97	0.70	1.31	284
New Guinea Impatiens								
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
2012	175	2,491	343	2,834	94	1.18	2.81	3,903
2013	158	2,706	351	3,057	94	1.24	3.86	4,710

See footnote(s) at end of table.

--continued

Potted flowering and annual bedding plants: Producers, quantity sold, price, and value, 2009-2013 (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	
	<i>Number</i>	<i>1,000 pots</i>	<i>1,000 pots</i>	<i>1,000 pots</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Pansies/Violas								
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	2,084
2012	53	1,646	547	2,193	98	0.74	2.59	2,635
2013	52	1,879	588	2,467	99	0.78	2.41	2,883
Petunias								
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
2012	109	2,306	2,180	4,486	93	1.68	2.19	8,648
2013	108	2,609	1,518	4,127	93	1.27	3.84	9,143
Poinsettias								
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
2012	53	520	1,688	2,208	93	1.97	4.42	8,485
2013	55	642	1,814	2,456	93	1.76	4.77	9,783
Flowering bulbs								
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
2012	28	436	1,366	1,802	99	1.73	3.38	5,371
2013	29	446	1,613	2,059	99	1.72	3.47	6,364
Other flowering plants								
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	2,364
2012	45	772	422	1,194	88	1.46	4.58	3,060
2013	44	966	691	1,657	90	2.07	6.99	6,830
Other flowering and foliar type bedding plants								
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
2012	156	21,675	7,789	29,464	92	1.17	3.32	51,219
2013	147	19,732	6,851	26,583	93	1.35	3.59	51,233
Vegetable type ²								
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
2012	121	4,070	1,139	5,209	90	1.10	3.80	8,805
2013	114	4,453	635	5,088	91	1.32	5.38	9,294

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, 2009-2013

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	
	<i>Number</i>	<i>1,000 pots</i>	<i>1,000 pots</i>	<i>1,000 pots</i>	<i>1,000 pots</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Hosta										
2009	111	1,212	1,005	45	2,262	95	1.9	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	3.6	10.65	3,819
2012	107	1,070	604	27	1,701	93	1.8	3.67	11.61	4,456
2013	95	857	476	46	1,379	92	1.97	3.63	10.09	3,880
Other										
2009	143	8,894	8,094	639	17,627	93	1.72	3.82	6.57	50,415
2010	124	6,158	6,025	1,133	13,316	87	1.7	3.76	5.91	39,819
2011	120	5,902	5,638	150	11,690	87	2.18	4.32	7.79	38,391
2012	130	6,179	5,680	126	11,985	87	1.85	3.9	6.85	34,446
2013	123	7,942	6,253	152	14,347	91	1.99	3.92	7.56	41,465

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	16,215	2013	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	3,777	2013	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	9,164	2013	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, 2014, Michigan cattle herd was 1.12 million head, down 2 percent from a year earlier. The milk cow inventory, 381,000 head, was up 4,000 from the previous year; milk cow replacement heifers increased by 2,000 to 159,000 head. The beef cow inventory increased by 1,000 to 114,000 head; beef cow replacements numbered 29,000 head. The number of steers decreased 8,000 to

172,000 head. The 2013 calf crop was 390,000 head, equal to the previous year.

Cash receipts from cattle and calf marketings totaled \$541.0 million, up 14 percent from 2012. The liveweight marketed was 464.8 million pounds, 11 percent above the 2012 total. The top 5 counties in cattle and calves inventory on January 1, 2014, were Huron, Sanilac, Ionia, Clinton, and Allegan.

Cattle and calves: Number on farms by class, January 1, 2010-2014

Class	2010	2011	2012	2013	2014
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
All cows that have calved	450	460	480	490	500
Beef cows	96	99	109	113	119
Milk cows	354	361	371	377	381
Heifers, 500 pounds and over	235	225	230	234	240
Beef cow replacement	27	27	27	28	29
Milk cow replacement	158	148	158	157	164
Other	50	50	45	49	47
Steers, 500 pounds and over	200	190	173	180	175
Bulls, 500 pounds and over	15	15	17	16	15
Calves, under 500 pounds	200	200	210	220	200
All cattle and calves	1,100	1,090	1,110	1,140	1,130

Cattle and calves: Balance sheet, 2009-2013

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	
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
2009	1,070	375	61	296	37	4	28	46	1,100
2010	1,100	380	61	351	36	4	22	43	1,090
2011	1,090	385	58	318	38	3	23	46	1,110
2012	1,110	390	58	303	42	3	24	46	1,140
2013	1,140	390	60	334	47	3	25	46	1,130

¹ Includes custom slaughter and State outshipments, but excludes inter-farm sales within the State.

² Excludes custom slaughter for farmers at commercial establishments.

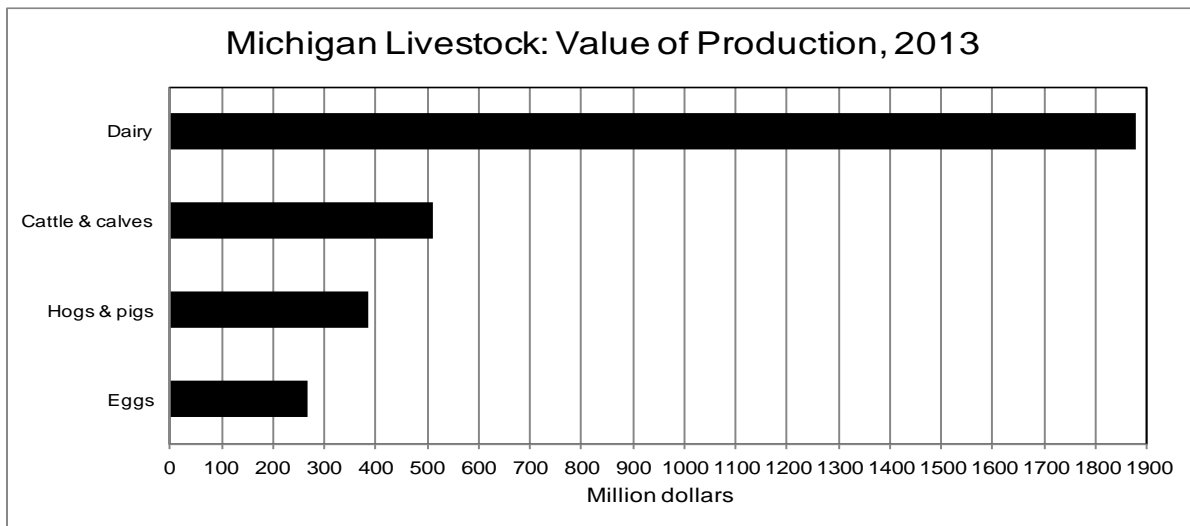
Cattle and calves: Production and income, 2009-2013

Year	Production ¹	Marketings ²	Value of production	Cash receipts ³	Value of home consumption	Gross income
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
2009	417,234	415,600	284,066	288,582	8,749	297,331
2010	447,614	483,820	348,948	381,420	9,721	391,141
2011	425,512	437,325	418,199	433,661	12,721	446,382
2012	415,783	418,625	464,842	473,212	13,978	487,190
2013	445,127	478,500	510,600	541,167	16,607	557,774

¹ Adjustments made for changes in inventory and for inshipments.

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

³ Receipts from marketings and sale of farm slaughter.



Dairy

Milk production in Michigan during 2013 was 9,164 million pounds, up 1.9 percent from 2012. Michigan ranked seventh nationally in milk production in 2013, accounting for 4.6 percent of U.S. production. The annual average number of milk cows on farms during 2013 was 380,000 head, up 5,000 from 2012. Milk production per cow was 24,116 pounds in 2013, compared with 23,976 pounds

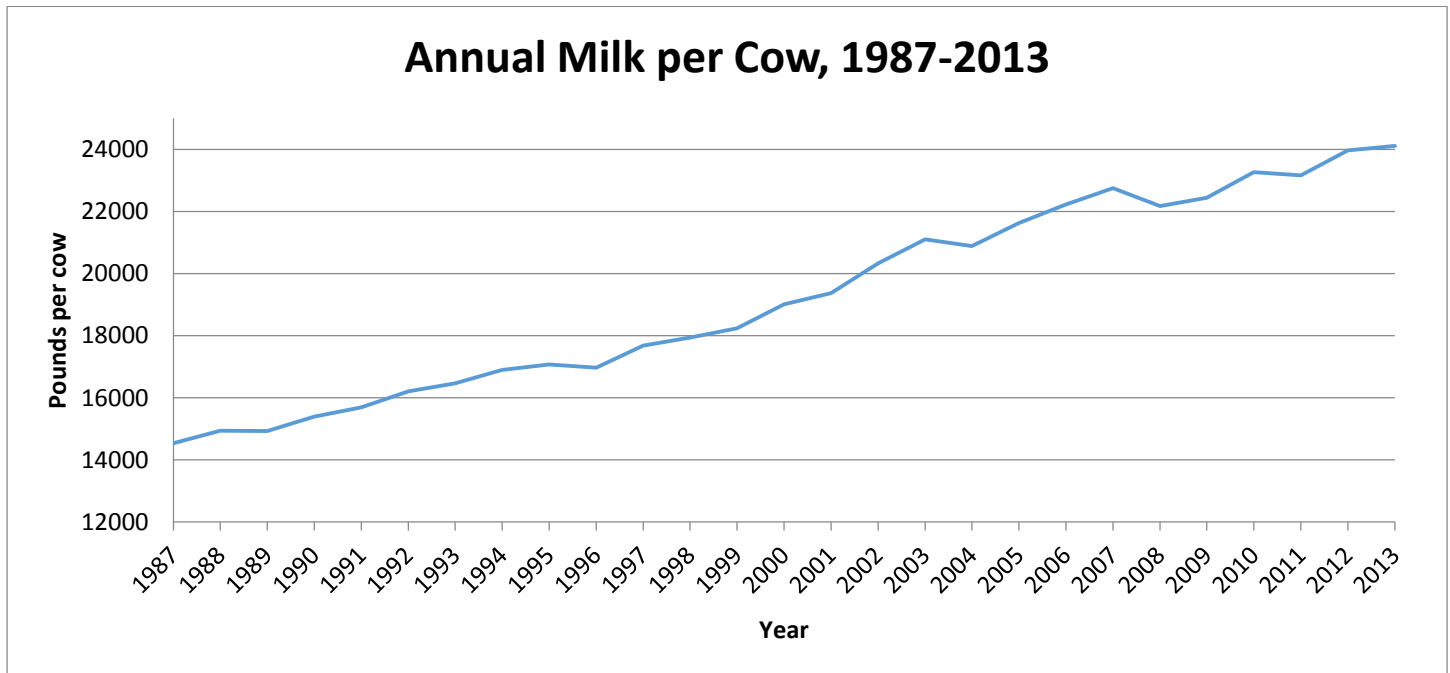
during 2012. The average butterfat content was 3.70 percent, up from 3.64 in 2012.

Milk prices during the year averaged \$20.50 per cwt., up \$1.60 from 2012. Cash receipts from milk sales totaled \$1.87 billion, up 10.5 percent from 2012. Milk continued as the top commodity for Michigan cash receipts in 2013.

Milk: Production, utilization, marketings, and value, 2009-2013

Item	Unit	2009	2010	2011	2012	2013
Production						
Total milk produced on farms	Million pounds	7,968	8,333	8,478	8,991	9,164
Milkfat produced	Million pounds	289.2	299.2	310.3	327.3	339.1
Milkfat	Percent	3.63	3.59	3.66	3.64	3.70
Utilization						
Milk used where produced						
Fed to calves	Million pounds	26	25	27	24	26
Used for milk, cream, and butter	Million pounds	2	2	2	2	2
Milk marketed by producers						
Average return per 100 pounds of milk	Dollars	13.40	17.00	21.00	18.90	20.50
Average return per pound milkfat	Dollars	3.69	4.74	5.74	5.19	5.54
Fluid grade	Percent	100	100	100	100	100
Total cash receipts	1,000 dollars	1,063,960	1,412,020	1,774,290	1,694,385	1,872,880
Value						
Value of milk used where produced ¹	1,000 dollars	3,752	4,590	6,090	4,914	5,740
Total value of milk produced	1,000 dollars	1,067,712	1,416,610	1,780,380	1,699,299	1,878,620

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



Milk cows: Number by month, 2009-2013

Month	2009	2010	2011	2012	2013
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
January	354	354	363	373	378
February	354	355	364	375	378
March	355	357	364	375	(1)
April	356	357	362	375	(1)
May	357	359	364	375	(1)
June	357	359	364	375	(1)
July	356	359	366	376	381
August	355	359	366	376	381
September	355	359	367	374	381
October	355	360	369	374	380
November	354	360	369	375	380
December	354	361	370	377	380
Annual	355	358	366	375	380

¹ No estimate due to sequestration.

Milk production: Total by month, 2009-2013

Month	2009	2010	2011	2012	2013
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
January	660	680	711	752	779
February	602	627	652	716	711
March	673	710	723	776	794
April	664	703	708	763	765
May	698	741	743	776	798
June	675	718	713	748	770
July	692	725	712	746	766
August	678	702	710	758	781
September	651	677	686	722	739
October	660	689	710	742	760
November	639	662	688	729	733
December	676	699	722	763	768
Annual	7,968	8,333	8,478	8,991	9,164

Milk: Production per cow, by month, 2009-2013

Month	2009	2010	2011	2012	2013
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
January	1,865	1,920	1,960	2,015	2,060
February	1,700	1,765	1,790	1,910	1,880
March	1,895	1,990	1,985	2,070	(¹)
April	1,865	1,970	1,955	2,035	(¹)
May	1,955	2,065	2,040	2,070	(¹)
June	1,890	2,000	1,960	1,995	(¹)
July	1,945	2,020	1,945	1,985	2,010
August	1,910	1,955	1,940	2,015	2,050
September	1,835	1,885	1,870	1,930	1,940
October	1,860	1,915	1,925	1,985	2,000
November	1,805	1,840	1,865	1,945	1,930
December	1,910	1,935	1,950	2,025	2,020
Annual	22,445	23,277	23,164	23,976	24,116

¹ No estimate due to sequestration.

Dairy Products, by Region, 2009-2013

Product	Region	2009	2010	2011	2012	2013
		<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Cheese, total ¹	Central	4,550.2	4,621.3	4,700.6	4,918.0	4,973.7
Cheese, American type ²	Central	1,984.8	2,005.6	1,987.2	2,104.7	2,106.7
Cheese, Italian	Central	1,672.7	1,711.3	1,835.6	1,868.0	1,902.9
Butter	Central	651.5	573.4	702.7	717.5	720.7
Cottage cheese, lowfat	Central	143.7	153.3	137.8	137.0	109.8
Cottage cheese, creamed	Central	167.7	167.8	153.0	152.3	128.5
Cottage cheese curd	Central	176.7	184.8	171.9	175.6	131.6
Yogurt, plain and flavored	Central	1,916.8	1,992.3	1,913.9	1,900.5	1,963.5
Condensed skim milk, unsweetened, bulk	Central	337.0	334.9	329.8	352.1	496.0
Nonfat dry milk for human food	Central	162.0	137.1	159.7	248.0	256.4
Dry whey for human food	Central	470.2	472.9	461.5	458.6	445.9
		<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Ice cream, regular, hard	Central	440,952	430,759	416,014	432,054	442,902
Ice cream, lowfat, total	Central	223,383	220,910	236,930	274,846	246,636
Sherbet, hard	Central	30,870	27,979	25,784	24,481	25,175
Frozen yogurt mix	Central	11,137	11,049	11,557	11,611	13,890
Ice cream mix, regular	Central	236,179	243,490	233,396	244,050	248,014
Ice cream mix, lowfat	Central	133,500	137,799	150,761	166,924	163,487
Ice cream mix, lowfat	Michigan	13,921	18,256	25,911	24,531	24,065
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Number of Plants	United States	1,203	1,250	1,278	1,281	1,272
Number of Plants	Michigan	39	41	55	57	53

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

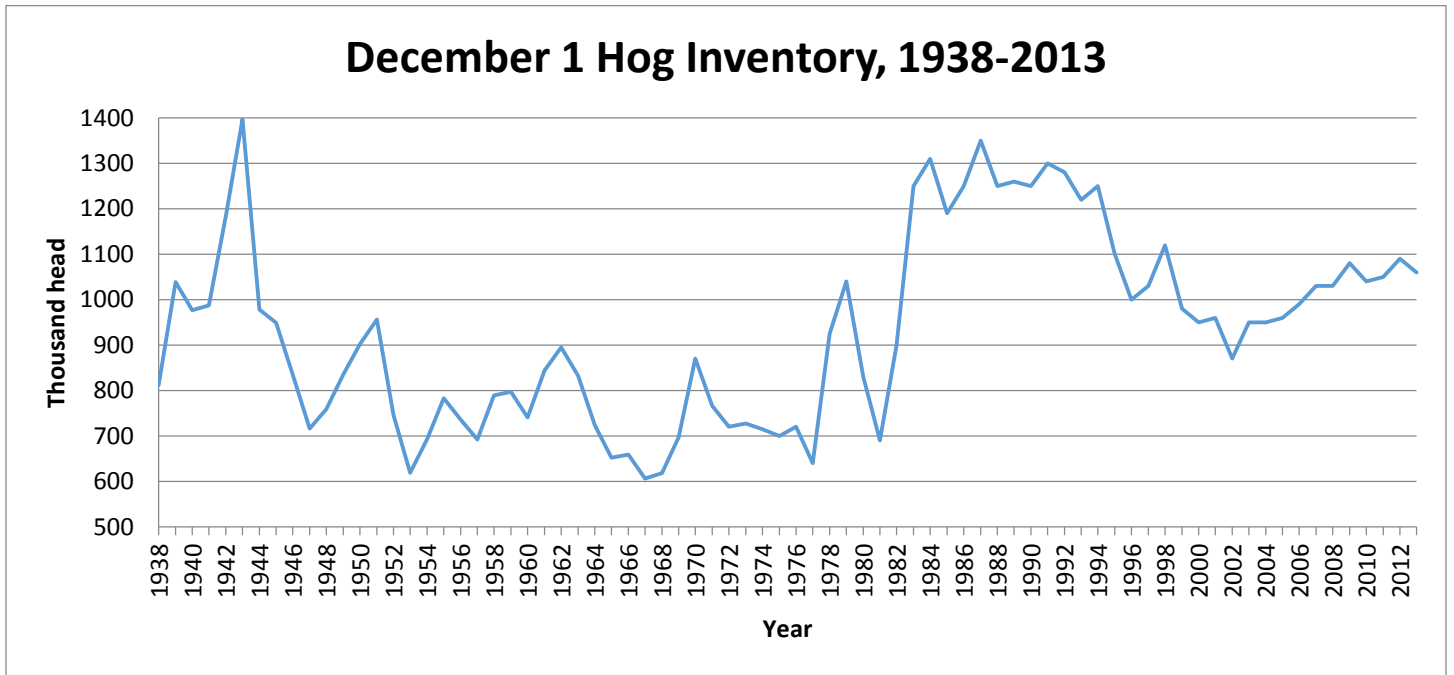
Hogs and Pigs

The December 1, 2013, Michigan hog inventory was 1.06 million head, down 30 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 2012 through November 2013, 202,000 sows farrowed; the litter rate was 10.19 pigs per litter.

The resulting Michigan 2013 pig crop was 2.106 million head, up slightly from the previous year. Hog production totaled 571 million pounds in 2013, up 4 percent from 2012. Cash receipts from hogs and pigs totaled \$402.5 million, up 13 percent from a year earlier.

Hogs and pigs: Inventory, 2010-2014

Month and year	Market hogs and pigs					Breeding stock	Total hogs and pigs
	Under 50 pounds	50-119 pounds	120-179 pounds	180 lbs and over	Total market		
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
March 1							
2010	310	240	185	215	950	110	1,060
2011	300	220	210	190	920	110	1,030
2012	285	190	220	195	890	110	1,000
2013	290	215	225	220	950	110	1,060
2014	275	190	225	200	890	110	1,000
June 1							
2010	300	260	200	200	960	110	1,070
2011	300	240	200	190	930	110	1,040
2012	280	210	205	215	910	110	1,020
2013	280	220	180	210	890	110	1,000
2014	270	210	200	200	880	110	990
September 1							
2010	310	280	200	200	990	110	1,100
2011	300	260	215	215	990	110	1,100
2012	300	220	215	195	930	110	1,040
2013	295	230	190	225	940	110	1,050
December 1							
2010	300	240	190	200	930	110	1,040
2011	300	200	220	220	940	110	1,050
2012	300	210	230	240	980	110	1,090
2013	305	210	200	235	950	110	1,060



Hogs and pigs: Sows farrowing and pig crop, 2009-2014

Year	December-February ¹			March-May		
	Sows farrowing	Pigs per litter	Pig crop	Sows farrowing	Pigs per litter	Pig crop
	<i>1,000 head</i>	<i>head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>head</i>	<i>1,000 head</i>
2010	54	9.80	529	53	9.70	514
2011	51	9.80	500	53	10.00	530
2012	49	9.90	485	50	10.10	505
2013	53	10.25	543	50	10.20	510
2014	49	9.20	451	52	8.90	463
	June-August			September-November		
2009	56	9.60	538	56	9.80	549
2010	52	9.90	515	52	9.90	515
2011	52	10.00	520	51	10.00	510
2012	52	10.10	525	53	10.20	541
2013	50	10.10	505	49	10.15	497

¹ December of previous year.

Hogs and pigs: Balance sheet, 2009-2013

Year	Beginning inventory	Dec-Nov pig crop	Inshipments	Marketings ¹	Farm slaughter ²	Deaths	Number on hand December 1
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
2009	1,030	2,102	205	2,185	4	68	1,080
2010	1,080	2,073	237	2,269	3	78	1,040
2011	1,040	2,060	264	2,242	2	70	1,050
2012	1,050	2,056	248	2,201	2	61	1,090
2013	1,090	2,106	250	2,300	2	74	1,060

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, 2009-2013

Year	Production ¹	Marketings ²	Value of production	Cash receipts ³	Value of home consumption	Gross income
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
2009	600,484	605,260	221,066	227,359	396	227,755
2010	619,869	629,620	307,177	319,388	401	319,789
2011	615,658	621,210	403,124	417,228	662	417,890
2012	548,754	547,316	349,236	356,555	799	357,354
2013	571,196	574,745	384,506	395,702	715	403,114

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 2013 totaled 4.68 million pounds, down 12.5 percent from 2012. This estimate included honey from producers with 5 or more colonies. Yields from Michigan's 85,000 colonies producing honey averaged 55 pounds in 2013, compared with 57 pounds the previous year.

Michigan honey price average \$2.13 per pound, up 10 cents per pound from 2012. The value of production was \$9.96 million, up 18 percent from 2012. Honey stocks were 0.98 million pounds, down 36 percent from 2012.

Honey: Production and value, 2009-2013 ¹

Year	Honey producing colonies	Yield per colony	Production	Price per pound	Value of production	Stocks Dec 15 ²
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>
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	181	8,572	2,084
2012	73	57	4,161	203	8,447	1,332
2013	85	55	4,675	216	10,098	982

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, 2010-2014

Year	2010	2011	2012	2013	2014
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Pelts produced	40,500	43,200	(²)	56,500	(¹)
Females bred to produce kits	11,100	11,750	13,400	(²)	17,500

¹ Published in July 2015.

² No estimate due to sequestration.

Poultry

The value of production in Michigan from eggs during 2013 was \$268.5 million, up 12 percent from a year earlier. Egg production totaled 3.78 billion eggs, up 5 percent from 2012. The average number of layers in 2013 was 12.8 million, up 3 percent from 2012.

Chickens: Layers on hand, December 1, 2009-2013

Class	2009	2010	2011	2012	2013
	<i>1,000 birds</i>	<i>1,000 birds</i>	<i>1,000 birds</i>	<i>1,000 birds</i>	<i>1,000 birds</i>
Total layers	10,884	10,932	11,499	12,899	13,132
Pullets not of laying age	2,152	2,653	2,709	2,806	3,080
Other chickens	2	2	0	3	3
All chickens (excluding broilers)	13,038	13,587	14,208	15,708	16,215

All eggs: Production and value, 2009-2013 ¹

Year	Eggs produced	Value of production
	<i>Million</i>	<i>1,000 dollars</i>
2009	2,909	156,701
2010	3,055	170,763
2011	3,149	198,496
2012	3,609	239,603
2013	3,777	268,541

¹ December 1 previous year through November 30.

All egg production, by month, 2009-2013

Month	2009	2010	2011	2012	2013
	<i>Million eggs</i>	<i>Million eggs</i>	<i>Million eggs</i>	<i>Million eggs</i>	<i>Million eggs</i>
December	258	264	296	323	321
January	246	254	258	298	321
February	223	233	240	278	290
March	248	264	274	300	330
April	232	259	270	299	315
May	239	255	267	314	312
June	234	235	254	301	302
July	245	257	269	311	317
August	256	264	259	305	323
September	245	255	250	291	313
October	249	263	271	307	319
November	246	258	273	309	312
Total ¹	2,909	3,055	3,149	3,609	3,777

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

All layers: Average number on hand during the month, 2009-2013

Month	2009	2010	2011	2012	2013
	<i>1,000 birds</i>	<i>1,000 birds</i>	<i>1,000 birds</i>	<i>1,000 birds</i>	<i>1,000 birds</i>
December	10,732	10,769	11,653	12,709	12,884
January	10,031	10,725	10,707	11,740	12,683
February	10,060	10,825	10,798	11,877	12,862
March	10,300	10,773	10,922	12,258	12,989
April	10,280	10,716	10,996	12,644	12,949
May	10,287	10,632	10,852	12,641	12,746
June	10,202	10,621	10,787	12,431	12,703
July	9,906	10,599	10,675	12,423	12,821
August	10,195	10,629	10,573	12,581	12,962
September	10,522	10,574	10,811	12,566	12,751
October	10,708	10,406	11,231	12,613	12,687
November	10,828	10,650	11,470	12,872	13,029
Annual ¹	10,277	10,657	10,883	12,358	12,824

¹ December 1 previous year through November 30.

Sheep and Goats

All sheep and lamb inventory in Michigan on January 1, 2014, was estimated at 81,000 head, down 1,000 head from the previous year. The breeding sheep inventory was 59,000 head; market sheep and lambs totaled 22,000 head. The 2013 Michigan lamb crop was 65,000 head, up 1,000 from 2012. Sheep shorn in 2013 totaled 65,000 head, down 1,000 from 2012. The weight per fleece was 6.2 pounds, and

wool production was 400,000 pounds. Wool production was valued at \$340,000.

There were 10,500 milk goats on January 1, 2014, down 500 from a year earlier. The number of goats in the meat and other category rose to 19,500 head from 15,000 head on January 1, 2013.

Sheep and lambs: Number on farms by class, January 1, 2010-2014

Class	2010	2011	2012	2013	2014
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
Breeding sheep 1 year and older					
Ewes	46	44	43	43	43
Rams	3	3	3	3	3
Replacement lambs	12	11	12	13	13
Total market sheep and lambs	19	16	21	23	22
All sheep and lambs	80	74	79	82	81

Sheep and lambs: Lamb crop, 2009-2013

Year	Breeding ewes ¹	Lambs per 100 ewes ¹	Lamb crop
	<i>1,000 Head</i>	<i>Number</i>	<i>1,000 Head</i>
2009	47	138	65
2010	46	130	65
2011	44	145	60
2012	43	151	64
2013	43	147	65

¹ Ewes 1 year and older January 1.

Sheep and lambs: Wool production and value, 2009-2013

Year	Sheep shorn	Weight per fleece	Production	Price per pound	Value of production
	<i>1,000 Head</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>Cents</i>	<i>1,000 Dollars</i>
2009	62	6.1	380	43	163
2010	63	6.0	380	55	209
2011	66	6.2	410	60	246
2012	66	5.9	390	68	265
2013	65	6.2	400	85	340

Goats: Number by class, January 1, 2010-2014

Year	Milk	Meat and other
	<i>Head</i>	<i>Head</i>
2010	10,900	16,000
2011	10,900	14,500
2012	12,000	18,000
2013	11,000	15,000
2014	11,400	19,500

Trout

The value of all trout sold and distributed in Michigan was \$1,634,000 in 2013. This is down 12 percent from 2012. There were 145,000 fish sold, down 85,000 from the previous year. The average price was \$3.70 per pound, up 44 cents from a year earlier.

Trout: Sales, 12 inches or longer, 2009-2013

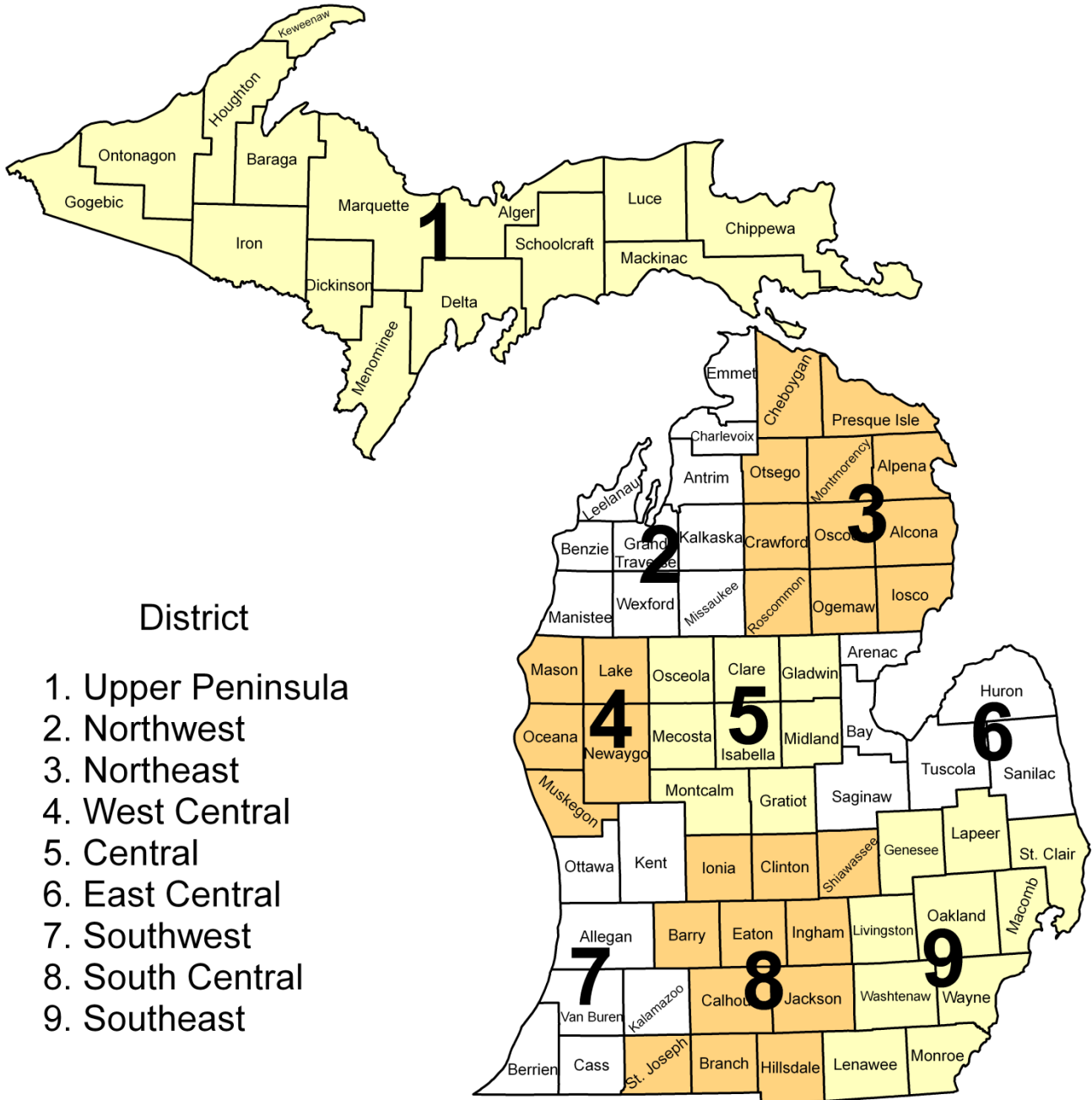
Year	Number of fish sold	Live weight	Sales	
			Total	Average per pound
	<i>1,000</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>Dollars</i>
2009	300	340	751	2.21
2010	260	283	594	2.10
2011	220	214	599	2.80
2012	230	251	818	3.26
2013	145	167	618	3.70

Trout: Value of Fish Sold, Distributed & Lost, 2009-2013

Year	Total Value of Fish Sold	Total Value of Distributed Fish	Trout Lost, Intended for Sale	
			Number Lost	Pounds Lost
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000</i>	<i>1,000</i>
2009	933	1,607	203	76
2010	770	1,181	170	44
2011	831	1,331	227	42
2012	933	889	194	36
2013	709	925	147	30

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.



Principal counties for field crops, 2013 ¹

Rank	Corn for grain	Dry beans	Hay ²	Oats	Soybeans	Sugarbeets	Wheat
1	Saginaw	Huron	Sanilac	Presque Isle	Lenawee	Huron	Huron
2	Sanilac	Tuscola	Osceola	Isabella	Sanilac	Sanilac	Sanilac
3	Gratiot	Sanilac	Chippewa	Delta	Saginaw	Tuscola	Lenawee
4	Huron	Montcalm	Isabella	Alpena	Eaton	Saginaw	Tuscola
5	Tuscola	Arenac	Lapeer	Huron	Calhoun	Bay	Monroe

¹ Based on total production.

² Based on 2012 Census of Agriculture

Principal counties for livestock ¹

Rank	January 1, 2014 Cattle and Calves	Hogs and pigs ²	January 1, 2014 Milk cows
1	Huron	Allegan	Huron
2	Sanilac	Cass	Clinton
3	Clinton	Ionia	Sanilac
4	Allegan	Mecosta	Gratiot
5	Gratiot	Gratiot	Allegan

¹ Based on number of head.

² Based on 2012 Census of Agriculture

Principal counties for fruits and vegetables, 2012 ¹

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

¹ Based on acres from 2012 Census of Agriculture.

Corn: Acreage, yield, and production, by county, 2012-2013 ¹

County and district	2012				2013			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>
Delta	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Dickinson	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Menominee	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	27,000	17,000	106.9	1,818				
Upper Peninsula	27,000	17,000	106.9	1,818				
Antrim	4,800	3,500	92.0	322	4,400	2,200	100.0	220
Benzie					1,300	1,000	105.0	105
Charlevoix	3,100	2,400	110.0	264	3,100	2,600	132.7	345
Emmet	1,300	600	116.5	70				
Grand Traverse	8,700	7,800	69.5	542	9,000	6,900	89.9	620
Kalkaska					1,100	1,000	104.0	104
Leelanau	2,800	2,100	48.3	101	2,700	2,200	97.7	215
Manistee	3,600	3,200	83.4	267				
Missaukee	22,200	6,200	129.2	801				
Wexford	6,200	4,600	75.0	345	6,600	4,400	54.5	240
Other counties	2,300	1,600	46.7	75	27,800	9,700	127.9	1,241
Northwest	55,000	32,000	87.1	2,787	56,000	30,000	103.0	3,090
Alcona	4,000	3,100	85.8	266				
Alpena	7,800	5,800	106.9	620				
Iosco	7,000	5,500	132.7	730				
Montmorency	2,000	1,700	111.0	189				
Ogemaw	14,100	10,500	122.5	1,286				
Otsego	2,500	2,300	86.1	198				
Presque Isle	6,800	5,800	137.6	798				
Other counties	2,800	1,300	85.6	111				
Northeast	47,000	36,000	116.6	4,198				
Lake	2,200	1,700	122.9	209	2,300	1,700	100.0	170
Mason	17,300	15,000	137.0	2,055	16,200	13,000	126.2	1,640
Muskegon	19,500	13,400	115.2	1,544	17,000	12,000	128.3	1,540
Newaygo	32,000	21,300	135.8	2,892	28,000	17,800	115.7	2,060
Oceana	20,000	16,600	124.9	2,074	18,500	15,500	130.3	2,020
Other counties	2,300	1,600	46.7	75	27,800	9,700	127.9	1,241
West Central	91,000	68,000	129.0	8,774	82,000	60,000	123.8	7,430
Clare	6,600	4,600	128.0	589				
Gladwin	9,700	8,800	150.8	1,327	8,900	8,200	123.2	1,010
Gratiot	101,000	88,000	171.8	15,122	98,000	81,000	146.9	11,900
Isabella	47,000	40,700	155.3	6,322	48,000	42,000	145.2	6,100
Mecosta	27,100	23,500	145.8	3,427	27,000	23,000	133.9	3,080
Midland	27,500	26,800	163.1	4,370	27,000	25,500	151.0	3,850
Montcalm	72,000	64,700	141.4	9,146	70,000	61,000	143.1	8,730
Osceola	14,100	8,900	134.9	1,201				
Other counties					21,100	14,300	117.5	1,680
Central	305,000	266,000	156.0	41,504	300,000	255,000	142.5	36,350
Arenac	19,000	17,000	146.2	2,486	18,000	15,500	127.7	1,980
Bay	58,000	57,000	161.2	9,189	60,000	57,500	145.6	8,370
Huron	129,000	101,000	144.6	14,603	123,000	96,000	172.4	16,550
Saginaw	105,000	102,000	155.8	15,894	103,000	97,000	147.4	14,300
Sanilac	117,000	97,000	158.7	15,397	116,000	90,000	172.2	15,500
Tuscola	92,000	88,000	160.3	14,106	90,000	84,000	157.1	13,200
East Central	520,000	462,000	155.1	71,675	510,000	440,000	158.9	69,900

See footnote(s) at end of table.

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Corn: Acreage, yield, and production, by county, 2012-2013 ¹ (continued)

County and district	2012				2013			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>
Allegan	84,000	67,000	119.1	7,978	78,000	60,000	156.7	9,400
Berrien	53,000	51,000	143.3	7,307	49,000	48,000	151.5	7,270
Cass	85,000	83,500	138.4	11,553	80,000	79,000	160.8	12,700
Kalamazoo	62,000	58,000	138.2	8,018	61,000	52,000	178.8	9,300
Kent	46,000	38,000	129.9	4,936	45,000	38,000	154.2	5,860
Ottawa	55,000	40,000	111.2	4,447	47,000	32,000	145.9	4,670
Van Buren	55,000	52,500	133.7	7,021	50,000	46,000	156.5	7,200
Southwest	440,000	390,000	131.4	51,260	410,000	355,000	158.9	56,400
Barry	48,000	37,500	121.0	4,537	48,000	40,000	165.0	6,600
Branch	91,000	87,000	112.8	9,812	90,000	85,000	164.1	13,950
Calhoun	84,000	78,500	87.1	6,837	85,000	78,000	155.8	12,150
Clinton	82,000	64,500	149.0	9,611	76,000	56,000	140.2	7,850
Eaton	69,000	67,500	124.2	8,382	63,000	60,000	170.8	10,250
Hillsdale	72,000	65,000	112.5	7,315	73,000	67,000	168.7	11,300
Ingham	61,000	57,000	120.5	6,868	56,000	52,000	161.5	8,400
Ionia	91,000	76,000	140.5	10,677	85,000	69,000	163.0	11,250
Jackson	59,000	55,000	78.7	4,330	62,000	55,000	156.4	8,600
St Joseph	102,000	97,000	139.7	13,549	99,000	93,000	157.0	14,600
Shiawassee	66,000	61,000	139.2	8,493	63,000	55,000	155.5	8,550
South Central	825,000	746,000	121.2	90,411	800,000	710,000	159.9	113,500
Genesee	34,000	32,400	134.5	4,357	32,000	30,500	141.3	4,310
Lapeer	42,000	38,500	150.3	5,786	39,000	34,500	150.7	5,200
Lenawee	113,000	102,000	100.3	10,230	110,000	97,500	181.5	17,700
Livingston	24,000	22,500	126.3	2,841	22,000	20,500	153.2	3,140
Macomb	15,000	13,000	166.5	2,164	13,500	12,000	152.5	1,830
Monroe	71,000	69,000	101.6	7,008	66,000	62,500	152.8	9,550
Oakland	3,500	3,300	120.6	398	3,200	3,000	153.3	460
St Clair	37,000	35,500	154.8	5,495	37,000	33,000	151.5	5,000
Washtenaw	48,000	44,500	73.3	3,262	45,000	39,500	155.7	6,150
Wayne	2,500	2,300	83.5	192	2,300	2,000	130.0	260
Southeast	390,000	363,000	115.0	41,733	370,000	335,000	160.0	53,600
Other districts					72,000	45,000	119.6	5,380
Michigan	2,700,000	2,380,000	132.0	314,160	2,600,000	2,230,000	155.0	345,650

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

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, 2012-2013 ¹

County and district	2012				2013			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 cwt</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 cwt</i>
Alpena	(D)	(D)	(D)	(D)	2,100	2,070	1,060	22,000
Other counties	(D)	(D)	(D)	(D)	4,600	4,530	1,370	62,100
Northeast	(D)	(D)	(D)	(D)	6,700	6,600	1,270	84,100
Gladwin	(D)	(D)	(D)	(D)	1,800	1,800	1,810	32,600
Gratiot	(D)	(D)	(D)	(D)	3,800	3,740	1,390	51,900
Midland	(D)	(D)	(D)	(D)	2,600	2,570	1,710	43,900
Montcalm	(D)	(D)	(D)	(D)	7,000	6,950	1,700	118,000
Other counties	(D)	(D)	(D)	(D)	4,400	4,340	1,670	72,600
Central	(D)	(D)	(D)	(D)	19,600	19,400	1,640	319,000
Arenac	(D)	(D)	(D)	(D)	4,000	3,650	1,420	52,000
Bay	20,000	19,800	1,570	311,000	(D)	(D)	(D)	(D)
Huron	71,500	70,800	1,850	1,312,000	62,200	61,600	2,060	1,269,000
Sanilac	24,000	23,300	1,870	436,000	21,200	20,800	2,080	433,000
Tuscola	37,000	36,800	1,770	652,000	30,200	29,700	1,960	582,000
Other counties	11,500	11,300	1,760	199,000	22,400	22,350	1,780	398,000
East Central	164,000	162,000	1,800	2,910,000	140,000	138,100	1,980	2,734,000
Southwest	(D)	(D)	(D)	(D)	2,200	2,150	2,030	43,700
South Central	(D)	(D)	(D)	(D)	2,600	2,150	1,590	34,100
Lapeer	(D)	(D)	(D)	(D)	1,000	990	1,750	17,300
Other counties	(D)	(D)	(D)	(D)	1,000	960	1,760	16,900
Southeast	(D)	(D)	(D)	(D)	2,000	1,950	1,750	34,200
Other districts	36,000	35,000	1,760	616,000	1,900	1,650	1,270	20,900
Michigan	200,000	197,000	1,790	3,526,000	175,000	172,000	1,900	3,270,000

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

(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, 2012-2013 ¹

County and district	2012				2013			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>
Baraga	600	500	70.0	35.0				
Chippewa	900	700	50.0	35.0				
Delta	1,300	1,200	71.7	86.0	1,300	850	63.3	53.8
Houghton	700	600	43.3	26.0				
Mackinac	600	600	58.3	35.0				
Marquette					500	430	81.2	34.9
Menominee	1,300	1,200	55.0	66.0				
Other counties	2,600	2,200	62.3	137.0	4,700	3,120	61.0	190.3
Upper Peninsula	8,000	7,000	60.0	420.0	6,500	4,400	63.4	279.0
Antrim	500	400	50.0	20.0				
Grand Traverse	1,200	1,100	54.5	60.0	1,100	880	44.9	39.5
Leelanau	500	400	55.0	22.0				
Wexford	500	400	52.5	21.0				
Other counties	2,300	1,700	51.2	87.0	3,400	2,520	51.8	130.5
Northwest	5,000	4,000	52.5	210.0	4,500	3,400	50.0	170.0
Alcona	500	400	67.5	27.0				
Alpena	1,500	1,300	61.5	80.0	1,200	910	52.1	47.4
Iosco	700	600	80.0	48.0				
Ogemaw	1,600	1,100	66.4	73.0	1,200	550	55.5	30.5
Presque Isle	1,900	1,800	60.6	109.0				
Other counties	1,300	800	53.8	43.0	4,800	3,540	59.1	209.1
Northeast	7,500	6,000	63.3	380.0	7,200	5,000	57.4	287.0
Mason	600	500	56.0	28.0				
Muskegon	500	400	55.0	22.0				
Newaygo	600	400	47.5	19.0				
Other counties	800	700	44.3	31.0				
West Central	2,500	2,000	50.0	100.0				
Clare	500	500	64.0	32.0				
Isabella	1,300	1,100	80.0	88.0	1,000	800	51.6	41.3
Mecosta	1,400	1,300	48.5	63.0	1,400	910	34.6	31.5
Montcalm					8,900	1,360	51.9	70.6
Osceola	1,000	800	50.0	40.0	700	500	69.0	34.5
Other counties	7,300	2,300	55.2	127.0	1,300	830	67.6	56.1
Central	11,500	6,000	58.3	350.0	13,300	4,400	53.2	234.0

See footnote(s) at end of table.

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Oats: Acreage, yield, and production, by county, 2012-2013 ¹ (continued)

County and district	2012				2013			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>
Bay					500	400	61.5	24.6
Huron	900	800	95.0	76.0				
Sanilac	1,300	1,000	60.0	60.0	1,700	1,140	91.2	104.0
Tuscola					500	340	71.8	24.4
Other counties	1,800	1,200	78.3	94.0	1,700	1,320	84.1	111.0
East Central	4,000	3,000	76.7	230.0	4,400	3,200	82.5	264.0
Allegan	600	200	55.0	11.0				
Kent	500	500	56.0	28.0				
Ottawa	500	200	50.0	10.0				
Other counties	1,400	600	51.7	31.0				
Southwest	3,000	1,500	53.3	80.0				
Hillsdale	500	300	46.7	14.0				
Ionia	700	600	63.3	38.0				
Jackson	500	400	47.5	19.0	600	420	58.1	24.4
Shiawassee	700	600	68.3	41.0	800	540	70.6	38.1
Other counties	3,100	1,200	60.8	73.0	4,200	2,940	69.6	204.5
South Central	5,500	3,100	59.7	185.0	5,600	3,900	68.5	267.0
Lapeer	600	500	50.0	25.0	500	230	64.3	14.8
St Clair	600	400	67.5	27.0				
Washtenaw	600	500	52.0	26.0	900	640	73.4	47.0
Other counties	1,200	1,000	67.0	67.0	1,600	1,130	62.1	70.2
Southeast	3,000	2,400	60.4	145.0	3,000	2,000	66.0	132.0
Michigan	50,000	35,000	60.0	2,100.0	50,000	30,000	62.0	1,860.0

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

Soybeans: Acreage, yield, and production, by county, 2012-2013 ¹

County and district	2012				2013			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>
Alpena	7,700	7,600	34.3	261,000				
Iosco	2,700	2,700	43.3	117,000				
Ogemaw	2,400	2,400	47.9	115,000				
Otsego	600	500	25.0	12,500				
Presque Isle	7,300	7,200	33.6	242,000				
Mason	5,100	5,000	46.2	231,000	4,900	4,800	38.8	186,000
Muskegon	7,200	7,100	40.4	287,000	6,700	6,600	39.2	259,000
Newaygo	5,800	5,800	41.9	243,000	5,000	4,850	39.6	192,000
Clare	3,900	3,800	48.7	185,000				
Gladwin	7,700	7,600	53.2	404,000	6,600	6,350	39.1	248,000
Gratiot	78,000	77,700	53.3	4,140,000	78,300	77,100	41.6	3,210,000
Isabella	51,000	50,900	56.9	2,896,000	46,600	46,400	41.0	1,901,000
Mecosta	4,100	4,000	32.8	131,000				
Midland	21,000	20,900	52.8	1,104,000	23,800	23,700	40.2	953,000
Montcalm	23,000	22,900	43.3	992,000	22,900	22,700	34.7	788,000
Osceola	1,300	1,200	40.0	48,000	1,900	1,850	36.2	67,000
Arenac	16,000	15,900	50.9	810,000	17,500	17,300	36.7	635,000
Bay	41,000	40,900	50.6	2,070,000	42,500	42,200	42.9	1,812,000
Huron	51,000	50,900	50.5	2,570,000	55,500	55,000	47.5	2,612,000
Saginaw	100,000	99,800	50.8	5,070,000	100,500	100,300	43.7	4,381,000
Sanilac	125,000	124,800	47.0	5,870,000	120,000	119,000	45.7	5,442,000
Tuscola	67,000	66,700	51.7	3,450,000	69,000	68,700	44.1	3,028,000
Allegan	41,000	40,700	39.3	1,600,000	36,500	36,400	43.3	1,577,000
Berrien	41,000	40,700	45.7	1,860,000	39,000	38,900	41.3	1,606,000
Cass	40,000	39,900	43.4	1,730,000	40,300	40,200	41.8	1,681,000
Kalamazoo	29,000	28,600	36.7	1,050,000	25,400	25,400	50.3	1,277,000
Kent	25,000	24,900	43.8	1,090,000	21,700	21,600	43.3	935,000
Ottawa	24,000	23,800	37.6	895,000	21,700	21,700	38.9	844,000
Van Buren	20,000	19,900	38.9	775,000	20,400	20,300	41.2	836,000
Barry	30,000	29,700	41.2	1,225,000	28,500	28,400	50.0	1,421,000
Branch	70,000	69,800	41.8	2,920,000	68,700	68,700	45.5	3,123,000
Calhoun	76,000	75,200	32.0	2,410,000	71,900	71,900	49.2	3,534,000
Clinton	69,000	68,900	47.3	3,260,000	63,800	63,800	41.5	2,650,000
Eaton	72,000	71,800	40.5	2,910,000	73,500	73,100	48.7	3,559,000
Hillsdale	79,000	78,800	39.8	3,140,000	74,400	74,400	47.4	3,524,000
Ingham	53,000	52,800	39.2	2,070,000	51,600	51,500	48.2	2,480,000
Ionia	56,000	55,800	50.5	2,820,000	60,500	60,300	47.3	2,851,000
Jackson	46,000	45,700	29.1	1,330,000	40,200	40,200	46.1	1,852,000
St Joseph	46,000	45,800	45.2	2,070,000	45,500	45,300	45.8	2,077,000
Shiawassee	83,000	82,700	45.3	3,745,000	78,400	78,400	42.9	3,361,000

See footnote(s) at end of table.

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Soybeans: Acreage, yield, and production, by county, 2012-2013 ¹ (continued)

County and district	2012				2013			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>
Genesee	41,000	40,900	42.5	1,740,000	45,000	44,900	41.1	1,847,000
Lapeer	47,000	46,900	43.5	2,040,000	39,200	39,100	41.3	1,616,000
Lenawee	120,000	119,900	34.2	4,100,000	109,000	108,900	51.6	5,624,000
Livingston	18,000	17,800	41.2	733,000	17,800	17,800	44.7	796,000
Macomb	26,000	25,900	43.6	1,130,000	21,500	20,600	40.3	830,000
Monroe	76,000	75,300	35.3	2,655,000	72,000	71,900	48.2	3,469,000
Oakland	3,000	3,000	36.7	110,000	4,000	3,900	46.2	180,000
St Clair	70,000	69,800	44.2	3,086,000	60,800	60,400	41.2	2,490,000
Washtenaw	48,000	47,600	23.4	1,114,000	45,700	45,600	47.4	2,163,000
Wayne	4,000	3,900	23.6	92,000	4,000	3,900	40.8	159,000
Southeast	453,000	451,000	37.3	16,800,000	419,000	417,000	46.0	19,174,000
Other districts	9,000	8,300	36.1	300,000	34,800	33,400	27.8	929,000
Michigan	2,000,000	1,990,000	43.0	85,570,000	1,930,000	1,920,000	44.5	85,440,000

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, 2012-2013 ¹

County and district	2012				2013			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>1,000 Tons</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>1,000 Tons</i>
Other counties	(D)	(D)	(D)	(D)	500	500	21.8	10.9
Northeast	(D)	(D)	(D)	(D)	500	500	21.8	10.9
Gladwin	700	700	23.9	16.7	700	700	18.4	12.9
Gratiot	9,100	9,000	27.8	250.0	9,800	9,800	21.1	207.0
Isabella	700	700	24.3	17.0	900	900	24.7	22.2
Midland	3,300	3,200	27.7	88.7	2,900	2,800	21.8	61.1
Montcalm	700	700	29.4	20.6	800	700	25.9	18.1
Other counties	-	-	-	-	200	100	7.0	0.7
Central	14,500	14,300	27.5	393.0	15,300	15,000	21.5	322.0
Arenac	3,200	3,200	26.6	85.0	2,900	2,700	20.0	54.0
Bay	14,000	13,800	28.4	392.0	14,100	14,000	23.6	330.0
Huron	51,400	51,000	28.7	1,465.0	51,300	51,300	27.8	1,425.0
Saginaw	16,300	16,100	30.2	487.0	15,400	15,300	24.7	378.0
Sanilac	28,400	28,400	29.5	837.0	28,000	27,900	29.6	825.0
Tuscola	19,700	19,700	30.8	606.0	20,300	20,300	25.7	522.0
East Central	133,000	132,200	29.3	3,872.0	132,000	131,500	26.9	3,534.0
Shiawassee	(D)	(D)	(D)	(D)	1,700	1,600	24.3	38.9
Other counties	(D)	(D)	(D)	(D)	1,300	1,300	21.4	27.8
South Central	(D)	(D)	(D)	(D)	3,000	2,900	23.0	66.7
Genesee	(D)	(D)	(D)	(D)	300	300	17.0	5.1
Lapeer	(D)	(D)	(D)	(D)	1,400	1,400	25.7	36.0
St Clair	(D)	(D)	(D)	(D)	1,500	1,400	24.5	34.3
Other counties	2,800	2,800	27.1	76.0	-	-	-	-
Southeast	2,800	2,800	27.1	76.0	3,200	3,100	24.3	75.4
Other districts	3,700	3,700	25.9	96.0	-	-	-	-
Michigan	154,000	153,000	29.0	4,437.0	154,000	153,000	26.2	4,009.0

- Represents zero.

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

(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, 2012-2013 ¹

County and district	2012				2013			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>
Other counties	2,000	1,800	41.7	75.0				
Upper Peninsula	2,000	1,800	41.7	75.0				
Antrim	1,000	900	61.4	55.3				
Grand Traverse	1,500	1,400	47.1	66.0				
Kalkaska	1,100	1,000	71.7	71.7				
Missaukee	600	500	64.0	32.0				
Other counties	1,500	1,100	36.4	40.0				
Northwest	5,700	4,900	54.1	265.0				
Alcona	700	600	67.5	40.5				
Alpena	4,200	4,000	69.3	277.0	4,300	3,900	44.4	173.0
Iosco	1,300	1,200	68.3	82.0				
Ogemaw	3,000	2,800	75.0	210.0	3,300	3,180	72.6	231.0
Otsego	1,000	900	55.6	50.0	1,000	950	51.6	49.0
Presque Isle	3,900	3,800	65.8	250.0	5,200	5,000	50.4	252.0
Other counties	900	700	57.9	40.5	4,100	3,470	58.2	202.0
Northeast	15,000	14,000	67.9	950.0	17,900	16,500	55.0	907.0
Mason	4,100	3,840	64.6	248.0	4,400	4,200	64.3	270.0
Newaygo	2,700	2,530	60.5	153.0	2,300	1,700	55.0	93.5
Oceana	2,000	1,930	67.4	130.0				
Other counties	1,800	1,400	55.7	78.0	5,200	2,800	67.7	189.5
West Central	10,600	9,700	62.8	609.0	11,900	8,700	63.6	553.0
Clare	2,300	2,300	41.3	95.0	1,800	1,750	56.0	98.0
Gladwin	2,000	1,960	78.6	154.0				
Gratiot	22,600	22,300	92.0	2,052.0	23,200	21,300	77.7	1,656.0
Isabella	19,600	19,300	77.5	1,495.0	21,000	20,500	69.0	1,414.0
Mecosta	2,400	2,390	47.7	114.0	2,600	2,550	41.6	106.0
Midland	4,800	4,800	98.1	471.0				
Montcalm	14,500	14,400	57.6	830.0	13,600	13,500	65.0	877.0
Osceola	800	750	57.3	43.0				
Other counties					9,700	9,100	66.6	606.0
Central	69,000	68,200	77.0	5,254.0	71,900	68,700	69.2	4,757.0

See footnote(s) at end of table.

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Wheat: Acreage, yield, and production, by county, 2012-2013 ¹ (continued)

County and district	2012				2013			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>
Arenac	7,300	7,100	75.6	537.0	8,000	6,500	70.9	461.0
Bay	14,900	13,600	80.9	1,100.0	15,800	15,300	76.2	1,166.0
Huron	56,800	53,700	87.9	4,722.0	60,600	57,400	92.7	5,323.0
Saginaw	23,000	22,600	81.8	1,849.0	22,600	21,700	78.5	1,704.0
Sanilac	57,000	55,100	81.7	4,500.0	58,000	57,500	77.4	4,450.0
Tuscola	33,500	32,200	84.4	2,717.0	36,000	35,600	82.8	2,948.0
East Central	192,500	184,300	83.7	15,425.0	201,000	194,000	82.7	16,052.0
Allegan	6,500	6,100	64.8	395.0	6,800	6,700	68.5	459.0
Berrien	2,200	2,000	62.5	125.0	2,300	2,200	63.2	139.0
Cass	2,800	2,600	50.0	130.0	3,200	2,900	53.4	155.0
Kent	5,300	5,100	79.4	405.0	6,300	6,100	68.9	420.0
Ottawa	4,400	4,000	60.0	240.0	5,400	5,300	67.5	358.0
Other counties	6,800	5,200	77.9	405.0	6,500	4,300	57.7	248.0
Southwest	28,000	25,000	68.0	1,700.0	30,500	27,500	64.7	1,779.0
Barry	6,400	6,300	71.7	452.0	6,300	6,200	71.9	446.0
Branch					5,100	4,900	53.3	261.0
Calhoun	6,900	6,700	61.5	412.0	8,900	8,500	59.4	505.0
Clinton	23,000	22,700	79.5	1,805.0	23,000	22,100	82.6	1,826.0
Eaton	16,000	15,500	75.2	1,165.0	18,500	18,000	72.4	1,304.0
Hillsdale	11,200	10,800	69.3	748.0	15,900	15,400	73.9	1,138.0
Ingham	16,500	16,100	84.3	1,358.0	17,200	17,100	83.9	1,434.0
Ionia	12,000	11,700	75.2	880.0	15,000	14,000	78.9	1,105.0
Jackson	8,200	8,200	63.2	518.0	9,000	8,700	64.0	557.0
St Joseph					3,600	2,500	64.0	160.0
Shiawassee	28,800	28,100	72.0	2,023.0	27,500	26,100	70.2	1,833.0
Other counties	10,500	8,300	58.9	489.0				
South Central	139,500	134,400	73.3	9,850.0	150,000	143,500	73.7	10,569.0
Genesee	7,500	7,400	66.2	490.0	8,100	7,800	64.6	504.0
Lapeer	9,400	9,100	73.8	672.0	9,100	9,000	68.9	620.0
Lenawee	30,700	28,900	70.9	2,050.0	41,200	40,700	86.1	3,505.0
Livingston	7,400	6,600	65.2	430.0	7,500	7,400	55.7	412.0
Macomb	2,800	2,700	61.1	165.0	2,900	2,800	70.7	198.0
Monroe	15,800	14,800	79.3	1,174.0	27,200	25,200	79.8	2,010.0
St Clair	10,800	10,400	66.3	690.0	13,100	12,700	73.8	937.0
Washtenaw	12,000	11,600	67.5	783.0	17,200	16,400	63.6	1,043.0
Other counties	1,300	1,200	65.0	78.0	1,700	1,500	62.7	94.0
Southeast	97,700	92,700	70.5	6,532.0	128,000	123,500	75.5	9,323.0
Michigan	560,000	535,000	76.0	40,660.0	620,000	590,000	75.0	44,250.0

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

Cropland and Pasture Cash Rents 2012-2013

County and district	2012			2013		
	Non-irrigated	Irrigated	Pasture	Non-irrigated	Irrigated	Pasture
	<i>Dollars per acre</i>	<i>Dollars per acre</i>	<i>Dollars per acre</i>	<i>Dollars per acre</i>	<i>Dollars per acre</i>	<i>Dollars per acre</i>
Chippewa	14.00			24.00		
Delta	24.00			24.00		
Menominee	17.50			24.50		
Other counties	18.00			22.50		
Upper Peninsula	18.50			23.50		
Antrim	26.50			23.00		
Charlevoix	20.00			20.50		
Emmet	19.00					
Grand Traverse	32.50			37.50		
Leelanau	55.50			61.50		
Manistee	24.00					
Missaukee	61.00			60.00		
Wexford	32.50					
Other counties	22.00			35.00		
Northwest	39.00			45.00		
Alcona	23.00			17.00		
Alpena	27.50			24.00		
Cheboygan	27.00			26.00		
Iosco	27.50			29.00		
Ogemaw	32.50			34.50		
Otsego	28.50			28.50		
Presque Isle	28.00			31.00		
Other counties	23.50			23.50		
Northeast	28.00			27.00		
Mason	50.50			55.00		
Muskegon	74.00	113.00				
Newaygo		152.00		67.00		
Oceana	62.00			64.00		
Other counties	68.00	111.00		83.50		
West Central	62.00	128.00		66.50		
Clare	38.00			58.50		
Gladwin	61.50			86.00		
Gratiot	131.00			131.00		
Isabella	63.00			86.50		
Mecosta	50.00			50.00		
Midland	94.00			129.00		
Montcalm	64.50			84.50	179.00	
Osceola	35.50			43.50		
Central	81.00			94.50	173.00	

Cropland and Pasture Cash Rents 2012-2013

County and district	2012			2013		
	Non-irrigated	Irrigated	Pasture	Non-irrigated	Irrigated	Pasture
	<i>Dollars per acre</i>	<i>Dollars per acre</i>	<i>Dollars per acre</i>	<i>Dollars per acre</i>	<i>Dollars per acre</i>	<i>Dollars per acre</i>
Arenac	88.50			87.50		
Bay	117.00			116.00		
Huron	176.00			176.00		
Saginaw	121.00			161.00		
Sanilac	72.00			145.00		
Tuscola	145.00			189.00		
East Central	127.00			156.00		
Allegan	140.00		29.00	120.00	260.00	
Berrien	84.50			110.00		
Cass	106.00	271.00		115.00	302.00	
Kalamazoo	94.50	250.00	30.00	103.00	276.00	
Kent	95.00		32.50	128.00		
Ottawa	104.00	173.00	35.00	100.00		40.50
Van Buren	95.50		26.50	130.00		
Other counties		216.00	32.00		205.00	31.00
Southwest	106.00	228.00	31.00	116.00	238.00	34.50
Barry	86.50			90.50		
Branch	102.00	211.00		91.00	206.00	
Calhoun	89.00			112.00	198.00	32.50
Clinton	122.00			116.00	246.00	
Eaton	103.00			100.00		
Hillsdale	105.00			109.00	163.00	
Ingham	104.00			103.00		
Ionia	127.00	168.00		131.00	213.00	
Jackson	78.50			78.00		
St Joseph	90.00	262.00		105.00	284.00	23.50
Shiawassee	89.00			91.50		25.00
Other counties		179.00			168.00	34.00
South Central	101.00	240.00		103.00	258.00	33.50
Genesee	69.50			79.00		
Lapeer	63.00			67.50		
Lenawee	146.00	245.00		152.00		
Livingston	69.00			73.50		
Macomb	65.00	100.00		65.00	110.00	
Monroe	130.00			125.00		
St Clair	54.00			61.50		
Washtenaw	68.00			70.00		
Other counties	65.50	154.00		66.50	174.00	
Southeast	99.00	166.00		103.00	166.00	
Other Districts		151.00	32.00		153.00	22.50
Michigan	100.00	210.00	25.00	110.00	220.00	26.00

(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, 2013-2014

County	All cattle and calves		Milk cows		County	All cattle and calves		Milk cows	
	2013	2014	2013	2014		2013	2014	2013	2014
	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>		<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>
Alcona	5,700	5,400	1,600	1,500	Manistee	2,700	2,300	(D)	(D)
Alger	2,000	2,000	500	500	Marquette	2,400	2,100	(D)	(D)
Allegan	48,000	48,000	21,000	20,500	Mason	9,500	9,500	2,500	2,500
Alpena	10,500	10,000	3,500	3,400	Mecosta	15,000	15,000	4,800	5,000
Antrim	3,900	4,000	(D)	(D)	Menominee	21,000	20,000	7,500	7,400
Arenac	7,200	7,300	3,100	3,200	Midland	8,100	7,500	(D)	(D)
Baraga	(D)	(D)	(D)	(D)	Missaukee	30,000	30,500	14,500	14,700
Barry	28,500	29,000	14,400	14,600	Monroe	4,400	4,000	400	500
Bay	5,600	5,500	1,900	1,900	Montcalm	29,000	27,500	10,000	10,500
Benzie	1,600	1,400			Montmorency	3,000	2,700	600	600
					Muskegon	16,200	16,000	6,600	6,500
Berrien	4,600	4,400	1,500	1,400					
Branch	12,900	12,500	3,700	3,700	Newaygo	25,000	25,500	14,300	14,300
Calhoun	13,600	13,600	4,400	4,400	Oakland	(D)	(D)	(D)	(D)
Cass	5,600	5,200	500	500	Oceana	7,700	8,000	2,900	3,000
Charlevoix	3,300	3,200	600	700	Ogemaw	15,700	16,000	6,200	6,300
Cheboygan	6,800	6,300	1,100	1,000	Ontonagon	2,400	2,100	(D)	(D)
Chippewa	7,400	7,000	1,100	1,100	Osceola	20,000	19,500	6,300	6,500
Clare	11,700	11,000	2,600	2,600	Oscoda	3,700	3,600	900	1,000
Clinton	48,000	50,000	25,000	26,000	Otsego	2,300	2,000	(D)	(D)
Crawford		(D)			Ottawa	45,000	43,000	13,200	13,300
Delta	8,600	8,300	1,900	1,900	Presque Isle	5,800	5,300	1,500	1,500
Dickinson	2,200	2,300	600	600	Roscommon	(D)	(D)		
Eaton	9,200	9,700	1,900	2,000	Saginaw	10,000	9,700	2,700	2,700
Emmet	4,700	4,400	600	500	Sanilac	62,000	64,000	23,500	24,000
Genesee	7,300	6,900	1,600	1,400	Schoolcraft	(D)	(D)	(D)	(D)
Gladwin	6,300	6,000	1,300	1,300	Shiawassee	17,000	17,200	5,400	5,500
Gogebic	(D)	(D)	(D)	(D)	Tuscola	19,000	20,000	5,200	5,500
Grand Traverse	3,600	3,300	200	200	Van Buren	11,300	11,500	5,500	5,500
Gratiot	45,000	46,000	14,400	14,800					
Hillsdale	25,000	24,000	9,200	9,000	Washtenaw	11,700	11,000	3,100	2,900
					Wayne	(D)	(D)	(D)	(D)
Houghton	1,200	1,300	400	400	Wexford	3,200	3,200	700	800
Huron	125,000	130,000	33,000	36,000					
Ingham	17,700	17,200	6,300	6,200	Other counties	4,600	4,600	7,100	7,100
Ionia	52,000	50,000	17,600	17,600					
Iosco	8,900	8,500	2,100	2,100	Michigan	1,140,000	1,130,000	377,000	381,000
Iron	1,300	1,200							
Isabella	28,000	27,500	8,000	8,000					
Jackson	19,200	17,500	4,200	4,000					
Kalamazoo	11,400	11,700	5,300	5,400					
Kalkaska	1,200	1,000	(D)	(D)					
Kent	34,000	32,000	10,000	9,500					
Keweenaw		(D)							
Lake	1,900	2,000	(D)	(D)					
Lapeer	17,800	17,000	3,800	3,700					
Leelanau	2,800	2,500	400	300					
Lenawee	32,000	32,000	11,600	11,400					
Livingston	9,600	9,300	2,400	2,000					
Luce	(D)	(D)							
Mackinac	2,300	2,400	900	900					
Macomb	4,000	4,000	800	700					

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

(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	www.ams.usda.gov/AMSV1.0
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
MDARD-Michigan Department of Agriculture & Rural Development	www.michigan.gov/mdard
MSU Extension	msue.anr.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.rd.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
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	www.micorn.org
Dairy-Michigan Milk Producers Association (MMPA)	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 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, 2012 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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For assistance or questions regarding Michigan agriculture, call 1-800-453-7501. Further information about NASS or its products or services can be obtained by contacting the Agricultural Statistics HOTLINE at 1-800-727-9540, 7:30 a.m. to 4:30 p.m. ET or e-mail: nass@nass.usda.gov.



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