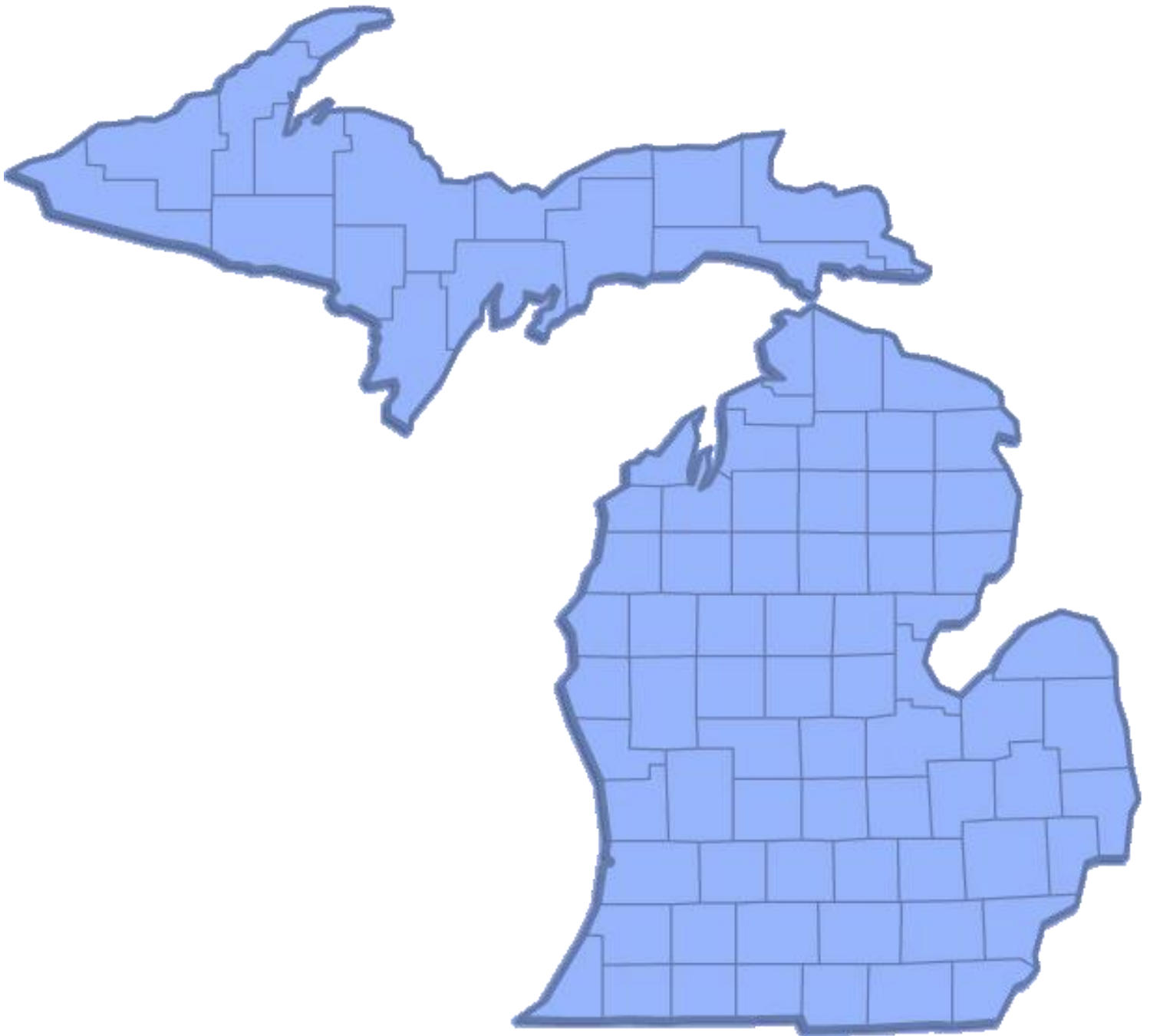


Michigan Agricultural Statistics 2018-2019



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Office Staff

Denise Bowman	Alan Erickson	Ben Magen	Marty Saffell
Chad Cloos	Paul Goings	John Miyares	Joe Samson
Jim Collom	Lisa Jones	Shaylind Nance	Jamila Sani
Ann Courser	Katherine Kimball	Julie Palmer	Lynn Spisak
Stephen Dothage	Mike Laird	Janiece Presberry	Takiyah Walker
Nathan Elias	Linda Lawson	Susan Reynolds	Ben Weber



National Association of State Departments of Agriculture (NASDA) enumerators collect data for the USDA, NASS, Great Lakes Region. NASDA workers who gathered information for this publication were:

Field Enumerators

West Central Michigan

Babs Burmeister

Ken Couturier
Ed Kelly
Rissa Kelly
Linda Overfield

South Central Michigan

Diane Clark

Ron Feher Sr.
Diane Hutchins
Vena Hutton
Tonya Langdon
Linda Newcomb
Kenneth Rauscher
Michael Sloan

Southwest Michigan

Cindra Mikel

Amy Barajas
Nohemi Barajas
Bob Larsen
Michael Stickle

Southeast Michigan

Rachel Bakowski

Gerald Edwards
Mary Findley
Nicolo Liberati
Mary Sawyer
Leslie Sizemore

North Michigan and Upper Peninsula

Wes Ruggles

Cathy Collins
Monica Cornell
Barbara Cotey
Wayne Cummings
Richard Gillis
John Glenn
Robert Haskin
Paula Hetfield
Rita Kannianen
Tina Kannianen
Lisa Loper
Leroy Ostlund
Michelle Schueller
Kitty Venable

Central Michigan

Ron McDonald

Gerry Binger
Rick Doud
Shirley Huguelet
Julie Walker

East Central Michigan

Diane McPhee

Deborah Day
Sam Fredendall
Dawn Kunding
Donna Mann
Leslie Nelson
Lori Peyer
Jim Sparks
Janice Stadin

Marlo D. Johnson – Regional Director

Kif Hurlbut – Deputy Regional Director

Ty Kalas – Deputy Regional Director

United States Department of Agriculture
National Agricultural Statistics Service
Hubert Hamer, Administrator

USDA, NASS, Great Lakes Region
3001 Coolidge Rd., Suite 400
East Lansing, Michigan 48823

Telephone: (517) 324-5300

Fax: (855) 270-2709

Web: www.nass.usda.gov

E-mail: NASSRFOGLR@nass.usda.gov

Rank in U.S. agriculture by selected commodities, 2018

Rank	Item	Unit	Quantity	Percent of U.S.	Leading state
			<i>Thousands</i>	<i>Percent</i>	
1	Beans, dry, black	Cwt	2,416	46.5	Michigan
	Beans, dry, cranberry	Cwt	61	24.8	Michigan
	Beans, dry, small red	Cwt	328	46.4	Michigan
	Begonias	Dollars	15,302	17.9	Michigan
	Cherries, tart	Pounds	201,000	67.4	Michigan
	Easter lillies	Pots	1,394	23.1	Michigan
	Geraniums, cuttings	Dollars	21,080	17.6	Michigan
	Hostas	Pots	1,591	18.1	Michigan
	Impatiens, other	Dollars	13,390	19.3	Michigan
	Petunias	Dollars	31,354	22.1	Michigan
	Squash	Cwt	1,914	25.9	Michigan
2	Asparagus	Cwt	266	34.0	Washington
	Beans dry, navy	Cwt	1,539	37.7	North Dakota
	Celery	Cwt	1,102	6.2	California
	Cucumbers	Cwt	4,233	27.4	Florida
3	Alfalfa haylage and greenchop	Tons	1,768	9.2	Wisconsin
	Apples	Pounds	1,050,000	10.2	Washington
	Beans, dry, all	Cwt	4,635	12.4	North Dakota
	Beans, dry, light red kidney	Cwt	99	11.0	Minnesota
	Blueberries	Pounds	70,100	12.5	Oregon
4	Carrots	Cwt	1,520	4.6	California
	Sugarbeets	Tons	4,728	12.9	Minnesota
5	All haylage and greenchop	Tons	1,856	6.3	Wisconsin
	Bell peppers	Cwt	480	3.7	California
	Maple syrup	Gallons	195	4.6	Vermont
	Oats	Bushels	3,150	5.6	North Dakota
	Pumpkins	Cwt	1,026	6.8	Illinois
	Snap beans	Cwt	1,365	7.8	Wisconsin
	Tomatoes	Cwt	2,750	1.0	California
6	Milk	Pounds	11,168,000	5.1	California
7	Cabbage	Cwt	1,295	6.6	California
	Corn silage	Tons	5,950	4.9	Wisconsin
	Eggs	Eggs	4,548,100	4.2	Iowa
8	Honey	Pounds	4,048	2.6	North Dakota
	Peaches	Tons	9.1	1.3	California
	Potatoes	Cwt	18,240	4.0	Idaho
9	Goats, milk, January 1, 2019	Head	12	2.8	Wisconsin
11	Turkeys, raised	Head	5,400	2.2	Minnesota
12	Corn for grain	Bushels	296,820	2.0	Iowa
	Wheat, winter	Bushels	35,720	3.0	Kansas
13	Hogs, as of Dec. 1, 2018	Head	1,180	1.6	Iowa
	Soybeans	Bushels	109,440	2.4	Illinois
	Sweet Corn	Cwt	837	1.1	Washington
17	Hay, alfalfa	Tons	1,416	2.7	Idaho
	Sheep, January 1, 2019	Head	86	1.6	Texas
18	Cash receipts	Dollars	7,563,792	2.0	California
29	Cattle, as of Jan. 1, 2019	Head	1,150	1.2	Texas

Farm Economics

Number of farms and land in farms by economic sales class, 2014-2018 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>	
2014	25.80	14.80	4.20	2.70	4.10	51.60	
2015	25.60	14.70	4.10	2.90	4.20	51.50	
2016	25.50	14.60	4.20	2.90	4.20	51.40	
2017	24.50	14.20	3.35	2.20	3.35	47.60	
2018	24.00	14.40	3.15	2.20	3.25	47.00	
	<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>
2014	1.10	1.70	1.05	1.20	4.90	9.95	193
2015	1.05	1.65	1.05	1.25	4.95	9.95	193
2016	1.10	1.60	1.10	1.20	4.95	9.95	194
2017	1.20	1.70	1.10	1.30	4.50	9.80	206
2018	1.20	1.70	1.20	1.20	4.50	9.80	209

¹ USDA estimates of farm numbers 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, 2015-2019

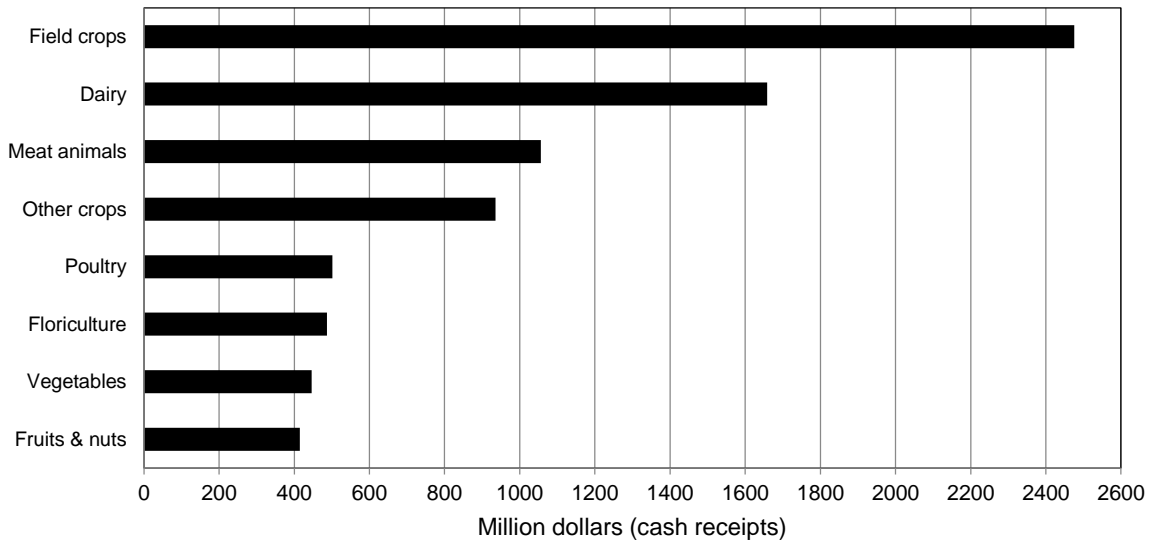
Year	Farm real estate average value per acre	Cropland		Pasture
		Average value per acre	Average cash rent per acre	Average value per acre
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
2015	4,970	4,620	118	2,720
2016	4,900	4,590	127	2,650
2017	4,940	4,580	123	2,620
2018	4,960	4,510	123	2,600
2019	4,960	4,500	127	2,590

Government payments, 2014-2018 ¹

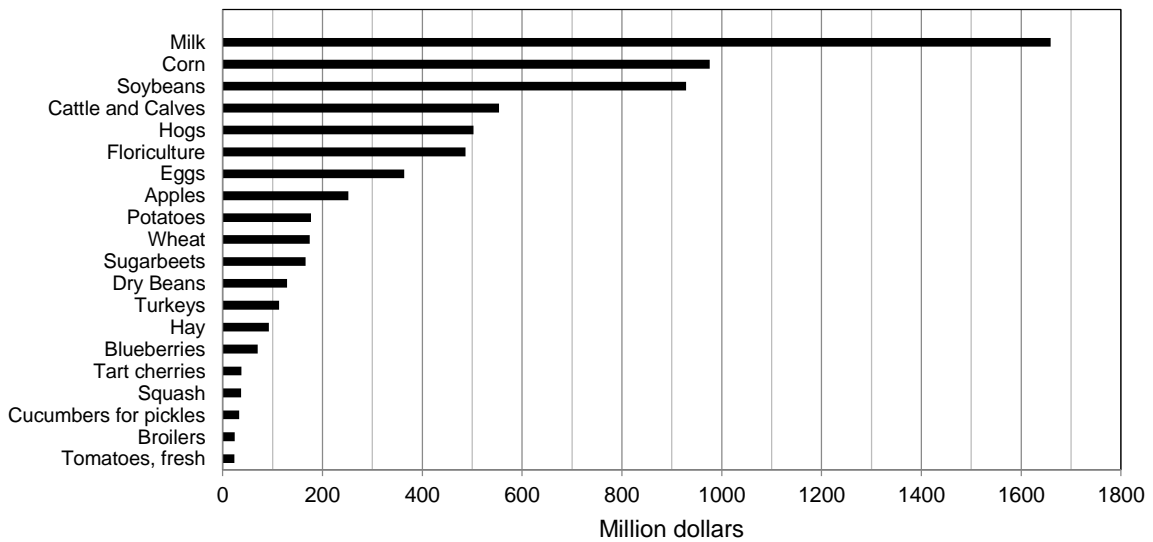
Program	2014	2015	2016	2017	2018
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Conservation programs	46,053	39,526	34,269	38,564	39,223
BMAC-Biomass crop assistance	43	151	81	30	0
Direct payments	318	-154	-230	122	26
Counter-cyclical payments	0	-2	0	0	0
Loan deficiency payments	0	-5	1	0	0
Miscellaneous programs	0	-1	0	195	110,976
Ad Hoc and emergency programs	14,143	2,864	5,016	2,373	1,449
Milk income loss payments	25	-15	4	-2	0
ACRE	-3	0	0	0	-1
ARC-Agricultural Risk Coverage		144,743	152,873	149,528	60,448
PLC-Price Loss Coverage		0	3,180	9,764	6,740
Dairy Margin Protection Program		49	213	0	13,397
Total	60,578	187,155	195,406	200,576	232,258

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

Major Michigan Commodity Groups, 2018



Top 20 Commodities in Cash Receipts, 2018



Value added to the economy by the Michigan agricultural sector 2014-2018 ¹

Item ²	2014	2015	2016	2017	2018
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Value of crop production	4,475.5	4,301.2	4,316.6	4,016.7	4,173.5
Food grains	216.3	214.3	198.2	168.0	181.9
Feed crops	1,427.9	1,335.7	1,156.8	1,071.5	1,070.5
Oil crops	920.2	813.9	1,027.5	919.2	928.3
Fruits and tree nuts	478.5	437.0	566.3	479.4	415.2
Vegetables, potatoes, dry beans	553.4	608.9	568.1	586.5	575.1
All other crops	1,000.1	1,000.5	1,016.4	999.8	1,101.5
Home consumption	5.8	6.8	3.5	4.5	2.7
Value of inventory adjustment ³	-126.7	-115.7	-220.2	-212.1	-101.6
Value of livestock production	3,970.9	3,469.2	2,968.2	3,226.2	3,292.1
Meat animals	1,076.6	978.3	834.1	948.6	1,056.2
Dairy products	2,309.5	1,698.7	1,637.1	1,836.1	1,658.7
Poultry and eggs	501.8	683.7	362.1	377.1	501.6
Miscellaneous livestock	74.4	71.0	68.9	75.9	74.9
Home consumption	9.0	8.7	7.5	6.4	8.9
Value of inventory adjustment ³	-0.4	28.9	58.3	-17.8	-8.1
Farm related income	966.5	1,141.9	930.3	906.2	974.1
Forest products sold	7.7	22.0	23.0	17.1	11.2
Machine hire and custom work	123.0	191.2	101.3	77.3	188.2
Other farm income	377.2	507.8	383.3	369.8	368.5
Gross imputed rental value-farm dwellings	458.6	420.9	422.7	442.0	406.1
Value of agricultural sector production	9,412.9	8,912.3	8,215.1	8,149.1	8,439.8
less: Purchased inputs	5,628.0	5,233.9	5,078.6	4,707.7	4,616.2
Farm origin	2,239.3	2,195.1	2,173.1	1,927.1	1,732.9
Feed purchased	1,345.3	1,275.4	1,284.4	1,177.0	965.1
Livestock and poultry purchased	150.8	178.4	120.0	164.0	123.4
Seed purchased	743.2	741.3	768.7	586.2	644.3
Manufactured inputs	1,674.1	1,457.6	1,308.3	1,251.2	1,402.8
Fertilizers and lime	731.2	641.6	573.2	512.1	565.6
Pesticides	338.1	332.6	328.0	327.3	349.7
Petroleum fuel and oils	465.4	353.7	285.8	293.3	340.3
Electricity	139.4	129.7	121.3	118.5	147.2
Other intermediate expenses	1,714.6	1,581.1	1,597.2	1,529.4	1,480.5
Repair and maintenance of capital items	526.6	424.6	426.7	467.0	426.3
Machine hire and custom work	127.6	131.7	95.7	106.8	65.0
Marketing, storage, and transp. expenses	248.9	229.7	202.7	229.8	224.7
Miscellaneous expenses	811.5	795.2	872.1	725.9	764.8
Contract labor	51.0	83.1	32.2	107.0	73.7
plus: Net government transactions	-343.7	-257.8	-187.8	-126.3	-105.9
Direct Government payments	60.6	187.2	195.4	200.6	232.3
Property taxes and fees	404.2	445.0	383.2	326.9	338.2
Gross value added	3,390.3	3,337.5	2,916.5	3,208.0	3,644.0
less: Capital consumption	1,117.6	982.1	1,028.6	874.9	790.1
Net value added	2,272.7	2,355.4	1,887.9	2,333.2	2,853.9
less: Payments to stakeholders	1,617.6	1,593.7	1,823.4	1,498.7	1,782.2
Employee compensation (total hired labor)	949.7	922.2	1,067.9	672.6	939.4
Net rent paid to landlords	287.7	275.5	336.2	375.5	344.2
Real estate and nonreal estate interest	380.2	396.0	419.2	450.6	498.7
Net farm income	655.1	761.7	64.6	834.5	1,071.7

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

² Value of agricultural sector production is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of-production, regardless of ownership. Net farm income is the farm operator's share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

³ A positive value of inventory change represents current-year production not sold by December 31. A negative value is an offset to production from prior years included in current-year sales.

Cash receipts by commodity groups and selected commodities 2014-2018 ¹

Item	2014	2015	2016	2017	2018
	<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	8,558,800	7,841,828	7,435,674	7,461,975	7,563,792
Total livestock and products	3,962,331	3,431,648	2,902,354	3,237,646	3,291,326
Meat animals	1,076,623	978,264	834,148	948,571	1,056,221
Cattle and calves	679,256	624,664	529,060	575,344	553,716
Hogs	397,367	353,600	305,088	373,227	502,505
Dairy (milk)	2,309,503	1,698,678	1,637,142	1,836,144	1,658,668
Poultry and eggs	501,801	683,712	362,147	377,077	501,586
Miscellaneous livestock	74,404	70,994	68,917	75,854	74,851
Total crops	4,596,469	4,410,180	4,533,320	4,224,329	4,272,466
Field crops	2,928,675	2,739,313	2,684,256	2,407,922	2,475,760
Corn	1,294,288	1,195,872	1,042,656	965,582	975,778
Dry beans	149,044	159,408	110,288	109,349	129,147
Hay	129,955	136,951	112,908	104,057	92,533
Soybeans	920,211	813,868	1,027,505	919,174	928,320
Sugarbeets	215,155	216,052	191,444	139,891	165,917
Wheat	212,305	209,518	193,167	161,762	174,219
Other	7,717	7,644	6,288	8,107	9,846
Vegetables	404,395	449,480	457,844	477,167	445,939
Asparagus	20,505	19,754	22,801	26,136	23,275
Cabbage, fresh	13,392	16,269	14,381	11,965	9,610
Celery	18,853	18,897	15,966	16,636	19,471
Corn, sweet (fresh)	20,452	24,102	21,818	20,930	19,256
Cucumbers, fresh	13,872	13,498	27,532	23,890	22,491
Cucumbers, processing	35,099	37,642	41,614	55,849	32,927
Onions	11,094	10,053	NA	NA	NA
Peppers, bell	13,468	14,896	16,354	15,318	18,220
Potatoes	176,613	173,478	170,044	179,421	177,342
Pumpkins	11,398	12,080	11,909	8,314	14,947
Snap beans, fresh	8,172	11,490	15,244	10,145	8,548
Snap beans, processing	2,513	16,376	17,019	15,753	12,972
Squash	18,032	19,543	33,570	42,838	37,072
Tomatoes, fresh	16,636	41,808	18,747	22,282	23,513
Tomatoes, processing	15,116	11,120	15,172	13,705	11,839
Other	9,180	8,474	15,673	13,985	14,456
Fruits and nuts	478,467	436,971	566,297	479,378	415,224
Apples	221,115	233,288	325,195	272,310	294,420
Blueberries	123,840	98,925	130,350	116,400	70,226
Grapes	19,954	25,734	29,127	24,075	NA
Peaches	7,758	5,906	9,650	10,810	12,642
Strawberries	7,258	4,375	NA	NA	NA
Sweet cherries	27,708	13,570	18,185	16,090	NA
Tart cherries	68,827	53,499	53,790	39,693	37,936
Other	2,007	1,674	NA	NA	NA
All other crops	784,932	784,416	824,923	859,862	935,543
Floriculture	413,939	409,078	434,967	460,857	486,746
Miscellaneous crops ²	370,993	375,338	389,956	399,005	448,797

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

² Includes field crops, fruits, vegetables, and specialty crops not listed above.

NA Not available; an estimate is included in miscellaneous other crops.

Corn production costs and returns, 2017-2018

Item	United States		Northern Crescent ¹	
	2017	2018	2017	2018
	<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	603.28	631.54	604.63	617.93
Operating costs				
Seed	97.07	96.2	98.45	97.53
Fertilizer ²	108.78	113.74	118.02	123.24
Chemicals	38.05	34.55	35.51	32.09
Custom operations	22.05	22.48	28.31	28.75
Fuel, lube, and electricity	27.21	29.33	26.21	28.23
Repairs	32.75	33.9	28.35	29.34
Purchased irrigation water	0.26	0.27	0	0
Interest on operating capital	1.71	3.45	1.76	3.54
Total, operating costs	327.88	333.92	336.61	342.72
Allocated overhead				
Hired labor	4.58	4.85	3.92	4.22
Opportunity cost of unpaid labor	26.4	28.14	34.08	36.19
Capital recovery-machinery & equipment	120.3	121.62	106.64	107.77
Opportunity cost of land (rental rate)	158.73	160.63	121.12	121.25
Taxes and insurance	11.68	11.79	13.53	13.61
General farm overhead	17.99	18.69	26.33	27.13
Total, allocated overhead	339.68	345.72	305.62	310.17
Total, costs listed	667.56	679.64	642.23	652.89
Value of production less total costs listed	-64.28	-48.1	-37.6	-34.96
Value of production less operating costs	275.4	297.62	268.02	275.21
Supporting information				
Yield (bushels per planted acre)	185	184	177	173
Price (dollars per bushel at harvest)	3.25	3.42	3.37	3.52
Enterprise size (planted acres) ³	278	278	142	142
Production practices ³				
Irrigated (percent)	11	11	2	2
Dryland (percent)	89	89	98	98

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, 2016.

Soybean production costs and returns, 2017-2018

Item	United States		Northern Crescent ¹	
	2017	2018	2017	2018
	<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	454.72	444.21	416.25	427.28
Operating costs				
Seed	58.07	57.40	62.28	61.55
Fertilizer ²	25.06	24.07	34.93	33.49
Chemicals	26.83	26.59	21.75	21.56
Custom operations	10.32	10.51	12.94	13.18
Fuel, lube, and electricity	13.57	14.54	11.19	12.02
Repairs	23.34	24.09	20.04	20.73
Purchased irrigation water	0.06	0.06	0.00	0.00
Interest on operating capital	0.83	1.64	0.86	1.70
Total, operating costs	158.08	158.90	163.99	164.23
Allocated overhead				
Hired labor	3.26	3.46	1.88	1.99
Opportunity cost of unpaid labor	19.40	20.57	19.89	21.09
Capital recovery-machinery & equipment	90.99	91.88	77.19	78.04
Opportunity cost of land (rental rate)	142.86	145.39	116.50	118.21
Taxes and insurance	10.66	10.74	11.14	11.22
General farm overhead	18.25	18.89	23.29	24.09
Total, allocated overhead	285.42	290.93	249.89	254.64
Total, costs listed	443.50	449.83	413.88	418.87
Value of production less total costs listed	11.22	-5.62	2.37	8.41
Value of production less operating costs	296.64	285.31	252.26	263.05
Supporting information				
Yield (bushels per planted acre)	49.00	51.00	45.00	49.00
Price (dollars per bushel at harvest)	9.28	8.71	9.25	8.72
Enterprise size (planted acres) ³	273.00	273.00	136.00	136.00
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, 2012.

Prices paid index for agricultural production items, U.S., base=2011

Commodity	2014	2015	2016	2017	2018
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Feed, grains	70.7	64.1	58.4	56.8	59.1
Feed, complete	121.5	114.5	110.1	102.6	105.4
Feed, concentrates	135.5	118	117.9	100.9	110.2
Feed, forage	113.5	98.3	86.9	90	102.3
Nitrogen	102.2	91.1	71.6	66.5	66.5
Potash & Phosphate	94.5	84.6	70.5	64.4	62.9
Fungicides	104.5	101.7	98.7	95.1	95.7
Herbicides	109.7	107.4	109.7	106.4	101.7
Insecticides	112.1	107.2	107.7	103.1	100.9
Seeds & Plants	113.5	124.6	121.4	119.9	118.5
Cows, milk replacement	129.2	140.3	124.7	114.3	95.6
Feeder cattle	157.2	156.4	104.7	106.5	108.1
Feeder pigs	181.6	96.7	90.2	100.9	94.5
Fuels, diesel	92.1	61.2	51.8	57.6	67.4
Fuels, gasoline	104	67.2	59	64.5	70.9
Fuels, LP gas	112.1	67.2	65.4	82.4	84.8
Machinery, self propelled	114.4	118.1	118.7	120.6	123.9
Tractors	108.2	109.6	111.1	112.6	110.9
Trucks & Autos	104.4	105.5	106	106	105.5
Building materials	106.9	107.4	107.6	110.4	116.1
Supplies & Repairs	105.7	105.8	106	107.9	111.6
Labor	108	111.9	115.9	119.1	126.3
Custom Rates	109.3	111.8	111.6	114.3	113.3
Interest	93.1	98.4	103.9	111.9	117.6
Rent	114.2	130.3	123.8	123.8	119.5
Taxes	116.3	109.9	114.7	116.3	117.1

Farm Labor

Hired farm workers: Annual average wage rates, 2014-2018 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>
2014	12.18	11.73	11.56
2015	12.86	12.11	12.02
2016	13.30	13.17	12.75
2017	13.79	13.02	13.06
2018	14.16	13.64	13.54

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

Agricultural Exports

Michigan agricultural exports by commodity and year ¹

Commodity	2016	2017	2018
	<i>Thousand dollars</i>	<i>Thousand dollars</i>	<i>Thousand dollars</i>
Prepared foods	319,390	321,279	411,305
Forest products	173,638	188,728	182,899
Soybeans	112,278	147,827	178,003
Fresh vegetables	154,454	141,586	111,384
Dairy products	87,654	108,939	120,135
Beef & beef products	146,382	101,697	104,095
Processed fruit	81,158	86,914	87,105
Pulses	81,748	77,655	68,789
Seeds for planting	63,001	57,555	51,007
Hides & skins	60,807	54,262	48,470
Wine & beer	44,630	53,352	27,398
Distillers grains	43,748	50,176	72,533
Processed vegetables	37,642	41,542	41,135
Pork & pork products	21,195	24,628	31,281
Soybean meal	28,077	23,705	27,591
Corn	16,773	18,587	33,354
Fresh fruit	18,824	18,373	22,535
Feeds & fodders	23,601	14,002	15,456
Sugars & sweeteners	25,688	13,277	9,148
Nursery products & cut flowers	9,434	9,932	9,707
Other	417,953	380,499	420,784
Total	1,968,075	1,934,515	2,074,114

¹ Source: U.S. Department of Agriculture, Foreign Agricultural Service

Michigan agricultural exports: Top 10 destinations, 2017-2018 ¹

Country	2017	2018
	<i>Thousand dollars</i>	<i>Thousand dollars</i>
Canada	923,332	874,628
Mexico	166,250	210,711
China	77,554	150,267
Japan	117,854	149,114
Thailand	153,508	134,331
South Korea	93,447	117,405
Indonesia	46,980	59,304
Taiwan	38,296	41,309
Germany	30,931	31,386
Netherlands	31,833	29,669
Others	254,530	275,990
Total	1,934,515	2,074,114

¹ Source: U.S. Department of Agriculture, Foreign Agricultural Service

Field Crops

Field crops: Acres harvested and value of production, 2014-2018

Item	Unit	2014	2015	2016	2017	2018
Acres harvested	1,000 acres	6,487	6,319	6,314	6,246	6,283
Value of production	1,000 dollars	3,356,414	3,275,413	3,074,109	2,887,026	2,953,788

Grain storage capacity, December 1, 2014-2018

Year	Off farm		On farm capacity
	Facilities	Rated capacity	
	Number	Million bushels	
2014	200	217	295
2015	192	220	300
2016	191	225	300
2017	191	230	300
2018	187	230	300

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	6	2011,2015	1866
Yield per acre	Bushels	68.0	1985	13.5	1933	
Production	1,000 bu	8,400	1918	288	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	162.0	2015	21.5	1917	
Production	1,000 bu	355,810	2014	15,120	1869	
Corn for silage						
Harvested acres	1,000 acres	498	1971	210	2003	1919
Yield per acre	Tons	20.5	2014	4.7	1930	
Production	1,000 tons	6,630	2016	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	25	2011	1866
Yield per acre	Bushels	70.0	2003	18.5	1921	
Production	1,000 bu	69,388	1946	1,600	2011	
Potatoes						
Harvested acres	1,000 acres	374.0	1895	36.4	1975	1866
Yield per acre	Cwt	390.0	2015	26.0	1887,1916	
Production	1,000 cwt	23,256	1904	3,557	1876	
Soybeans						
Harvested acres	1,000 acres	2,270	2017	1	1930	1924
Yield per acre	Bushels	50.5	2016	8.0	1927	
Production	1,000 bu	104,030	2016	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	31.7	2015	5.5	1916	
Production	1,000 tons	4,787	2015	298	1943	
Wheat, winter						
Harvested acres	1,000 acres	1,515	1953	400	1987	1909
Yield per acre	Bushels	89.0	2016	10.5	1912	
Production	1,000 bu	50,730	2016	7,350	1912	

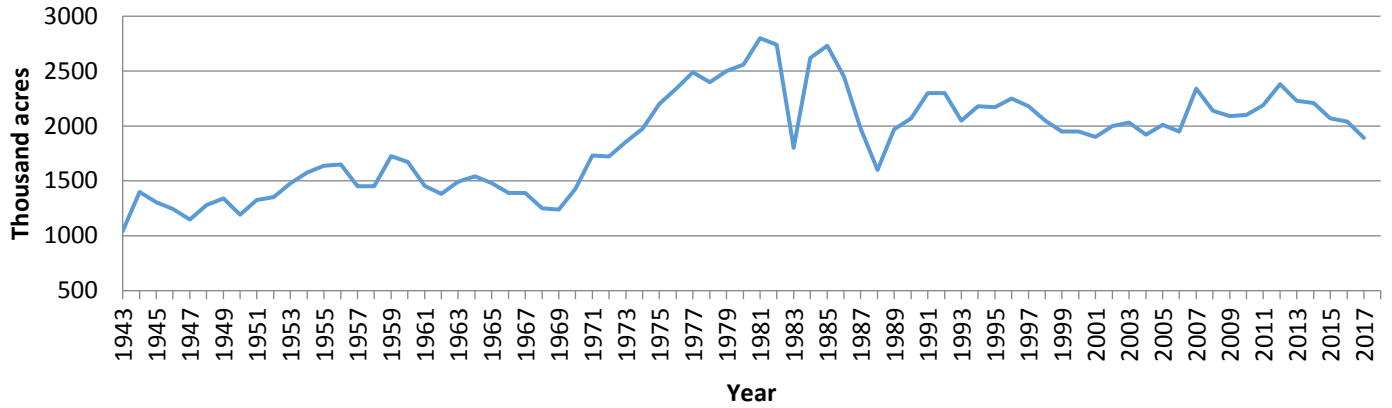
Corn

Corn: Acres, yield, production, and value, 2014-2018

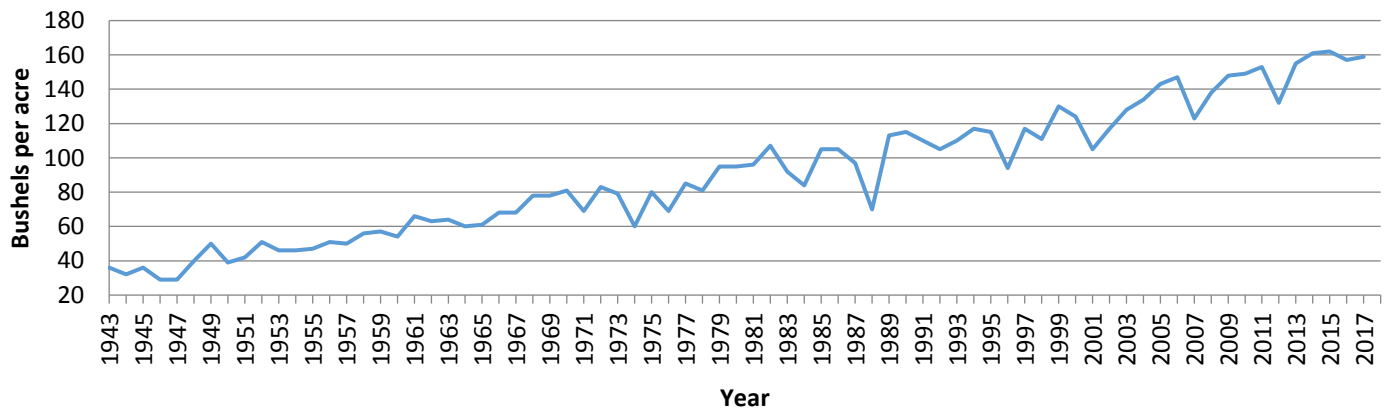
Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
All						
2014	2,550					
2015	2,350					
2016	2,400					
2017	2,250					
2018	2,300					
Grain						
2014		2,210	161	355,810	3.65	1,298,707
2015		2,070	162	335,340	3.63	1,217,284
2016		2,040	157	320,280	3.44	1,101,763
2017		1,890	159	300,510	3.46	1,039,765
2018		1,940	153	296,820	3.72	1,053,711
Silage	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>		
2014		320	20.5	6,560		
2015		260	19.0	4,940		
2016		340	19.5	6,630		
2017		340	18.5	6,290		
2018		340	17.5	5,950		

¹ Marketing year average.

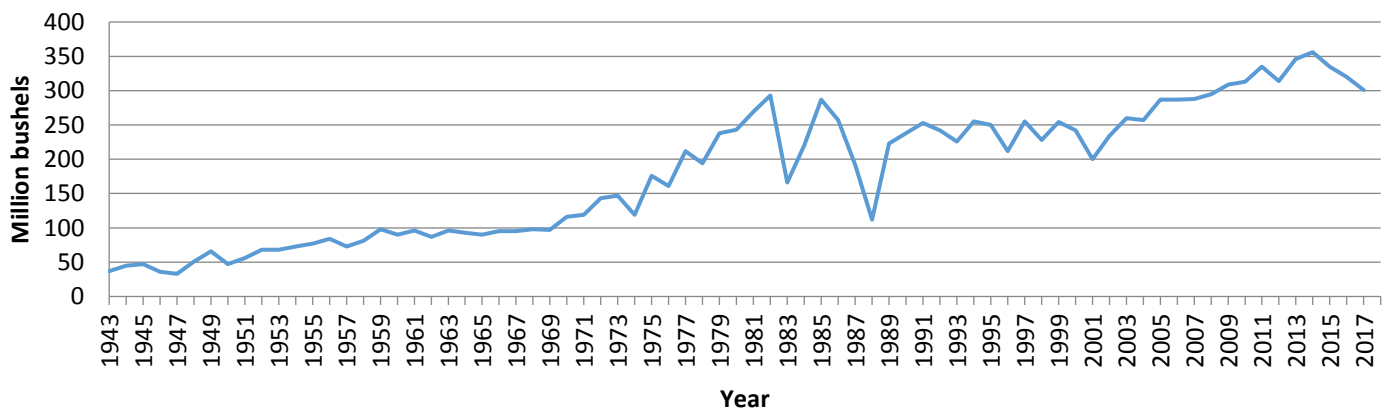
Corn for grain acres, 1943-2018



Corn yield, 1943-2018



Corn production, 1943-2018



Corn for grain: Stocks by quarter, 2014-2018

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>
2014	215,000	67,968	110,000	63,953	45,000	43,723	11,500	16,520
2015	185,000	91,642	99,000	75,358	45,000	48,941	15,500	23,675
2016	170,000	84,631	95,000	70,458	50,000	51,517	18,500	30,429
2017	155,000	81,431	86,000	67,593	51,000	50,711	16,000	29,454
2018	165,000	71,493	110,000	65,669	56,000	42,213	17,500	22,106

Corn: Percentage of acreage planted, 2014-2018

Year	Month and day						
	April		May			June	
	20	30	10	20	30	10	
2014	0	2	18	36	73	96	
2015	1	19	61	82	95	99	
2016	1	7	23	56	88	98	
2017	1	5	19	62	85	95	
2018	0	4	25	50	71	89	
5-year-average	1	7	29	57	82	95	

Corn: Percentage of acreage silked, 2014-2018

Year	Month and day					
	July			August		
	1	10	20	30	10	20
2014	1	6	32	65	90	97
2015	1	3	35	77	96	100
2016	1	3	36	77	92	98
2017	0	4	30	71	89	95
2018	2	11	40	70	87	97
5-year-average	1	5	34	72	91	97

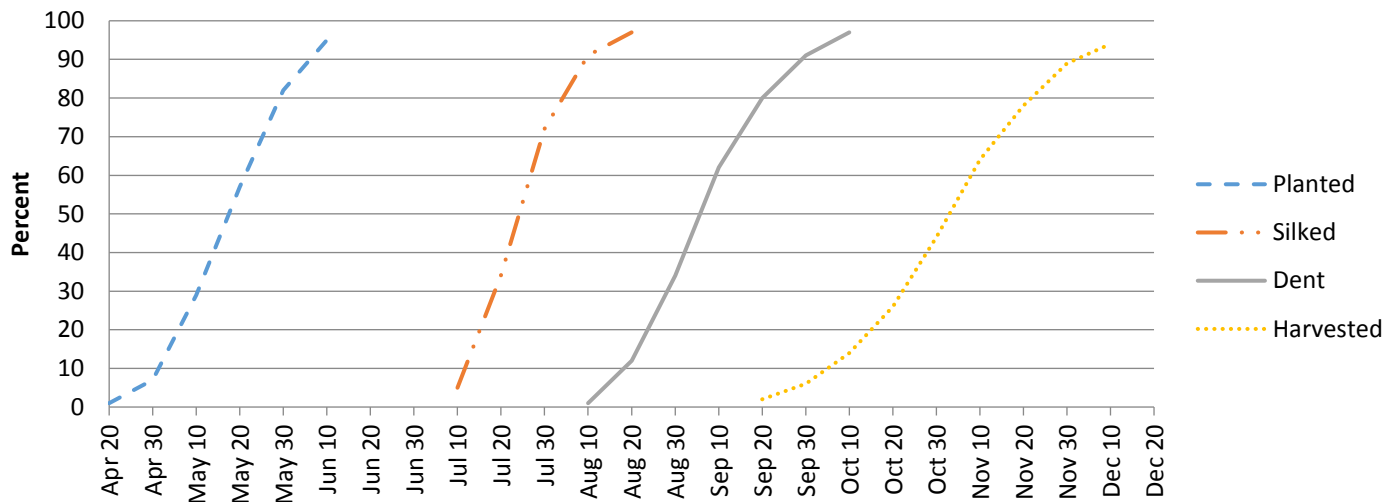
Corn: Percentage of acreage dent stage, 2014-2018

Year	Month and day						
	August			September			October
	10	20	30	10	20	30	10
2014	0	9	26	51	69	84	94
2015	0	8	31	63	85	95	100
2016	1	13	39	63	82	93	98
2017	1	11	32	63	78	88	94
2018	5	17	44	69	84	95	100
5-year-average	1	12	34	62	80	91	97

Corn: Percentage of acreage harvested for grain, 2014-2018

Year	Month and day									
	September			October			November			December
	10	20	30	10	20	30	10	20	30	10
2014	0	0	2	6	12	27	45	65	77	93
2015	0	0	6	17	35	57	82	93	97	100
2016	0	0	5	12	22	40	63	83	92	99
2017	0	3	7	14	30	46	66	77	92	95
2018	0	3	10	18	29	49	66	76	91	96
5-year-average	0	2	6	14	26	44	64	78	89	94

Corn progress Five-year average, 2014-2018



Corn: Monthly price received, percent of annual sales, and marketing year average price by year

Months	2015		2016		2017		2018	
	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales ¹
	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>
October	3.65	11	3.36	7	3.28	11	3.50	10
November	3.50	16	3.24	19	3.24	14	3.34	15
December	3.56	12	3.33	11	3.27	10	3.46	11
January	3.65	14	3.45	13	3.34	13	3.62	13
February	3.71	7	3.52	9	3.50	10	3.69	7
March	3.57	7	3.62	6	3.59	6	3.63	7
April	3.66	9	3.58	7	3.74	7	3.60	7
May	3.75	5	3.58	6	3.83	7	3.70	8
June	3.95	7	3.58	7	3.73	5	4.31	10
July	3.77	4	3.62	5	3.71	4	4.49	6
August	3.45	5	3.48	5	3.67	7	4.31	4
September	3.43	3	3.39	5	3.39	6	4.05	2
Annual	3.63		3.44		3.46			

¹ Published in November 2019.

Dry Edible Beans

Dry edible beans: Acres, yield, production, and value, 2014-2018

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>
2014	230	226.0	1,940	4,375	35.30	154,438
2015	275	272.0	2,030	5,533	28.80	159,350
2016	210	208.0	1,920	4,002	29.20	116,858
2017	220	218.5	2,010	4,394	29.30	128,744
2018	195	193.0	2,400	4,635	27.60	126,536

¹ Marketing year average.

Dry edible beans: Acres, yield, and production, by class, 2014-2018

Class and Year	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 cwt</i>
Black				
2014	110,000	108,000	1,920	2,074
2015	140,000	139,000	2,050	2,850
2016	104,000	103,000	1,970	2,029
2017	121,000	120,400	2,040	2,456
2018	100,000	99,000	2,440	2,416
Cranberry				
2014	5,000	4,900	1,460	72
2015	6,100	5,900	1,710	101
2016	2,600	2,600	1,580	41
2017	3,800	3,700	1,580	58
2018	3,900	3,900	1,560	61
Navy				
2014	75,000	74,300	2,180	1,620
2015	80,000	79,800	2,140	1,708
2016	67,000	66,300	1,970	1,306
2017	74,000	73,900	2,110	1,559
2018	60,000	59,200	2,600	1,539
Red kidney, dark				
2014	3,300	2,700	930	25
2015	4,500	3,800	1,340	51
2016	2,900	2,800	1,070	30
2017 ¹	(D)	(D)	(D)	(D)
2018	2,700	2,700	1,420	38
Red kidney, light				
2014	8,300	8,200	1,590	130
2015	9,100	8,900	1,800	160
2016	8,600	8,500	1,760	150
2017	6,200	6,000	1,490	89
2018	6,100	6,100	1,620	99
Small, red				
2014	20,000	19,600	1,830	359
2015	27,800	27,300	2,020	551
2016	19,100	19,000	1,830	348
2017	5,500	5,300	1,700	90
2018	13,300	13,100	2,500	328
Other				
2014	6,400	6,400	1,020	65
2015	5,400	5,300	1,510	80
2016	5,800	5,800	1,690	98
2017	3,700	3,700	1,430	53
2018	5,200	5,200	1,600	83

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

¹ Included in "other" class to avoid disclosing data for individual operations.

Dry edible beans: Monthly price received, percent of annual sales, and marketing year average price by year

Months	2015		2016		2017		2018	
	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales ¹
	<i>Dollars per Cwt.</i>	<i>Percent</i>	<i>Dollars per Cwt.</i>	<i>Percent</i>	<i>Dollars per Cwt.</i>	<i>Percent</i>	<i>Dollars per Cwt.</i>	<i>Percent</i>
September	31.00	29	26.50	32	30.50	23	(D)	10
October	28.60	36	27.20	28	28.50	15	28.50	18
November	27.00	10	32.50	8	28.50	14	25.80	31
December	25.30	7	31.80	5	29.40	5	29.30	6
January	28.50	5	32.40	5	32.40	4	30.30	4
February	(D)	2	34.70	2	29.50	2	30.00	2
March	(D)	2	34.10	2	29.30	5	(D)	3
April	25.20	1	34.70	2	(D)	5	(D)	1
May	27.00	1	33.80	6	30.90	2	30.90	2
June	30.00	4	31.00	5	32.00	1	(D)	1
July	31.20	2	34.20	2	32.00	2	30.20	1
August	33.70	1	32.70	3	(D)	22	(D)	21
Annual	28.80		29.20		29.30			

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

¹ Published November 2019.

Hay and Haylage

Hay, haylage, and greenchop: Acres, yield, production, and value, 2014-2018

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						
2014		980	2.62	2,570	151.00	404,056
2015		970	2.68	2,604	144.00	385,392
2016		870	2.71	2,357	133.00	323,067
2017		870	2.29	1,989	145.00	296,985
2018		810	2.24	1,812	147.00	271,980
Alfalfa hay						
2014		640	2.90	1,856	170.00	315,520
2015		660	3.10	2,046	154.00	315,084
2016		640	3.00	1,920	143.00	274,560
2017		610	2.60	1,586	156.00	247,416
2018		590	2.40	1,416	156.00	220,896
Alfalfa seedings						
2014	90					
2015	115					
2016	80					
2017	80					
2018	100					
Other hay						
2014		340	2.10	714	124.00	88,536
2015		310	1.80	558	129.00	51,084
2016		230	1.90	437	111.00	48,507
2017		260	1.55	403	123.00	49,569
2018		220	1.80	396	127.00	50,292
All haylage and greenchop						
2014		290	8.02	2,326		
2015		295	8.44	2,491		
2016		285	8.24	2,348		
2017		275	7.48	2,057		
2018		285	6.51	1,856		
Alfalfa haylage and greenchop						
2014		260	8.60	2,236		
2015		270	8.80	2,376		
2016		250	8.90	2,225		
2017		240	7.90	1,896		
2018		260	6.80	1,768		

¹ Marketing year average.

Hay: Stocks on farms, 2015-2019

Year	May 1	December 1
	<i>1,000 tons</i>	<i>1,000 tons</i>
2015	490	1,800
2016	440	1,320
2017	375	1,000
2018	260	900
2019	180	(¹)

¹ Published in January 2020.

Alfalfa hay: Monthly price received, percent of annual sales, and marketing average price by year

Months	2015		2016		2017		2018	
	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales
	<i>Dollars per Ton</i>	<i>Percent</i>	<i>Dollars per Ton</i>	<i>Percent</i>	<i>Dollars per Ton</i>	<i>Percent</i>	<i>Dollars per Ton</i>	<i>Percent</i>
June	160	14	115	15	155	14	130	15
July	150	16	140	14	140	15	145	15
August	170	14	155	14	125	13	150	14
September	165	11	145	11	145	10	145	10
October	160	6	150	6	165	6	155	6
November	170	6	160	6	160	6	165	6
December	160	6	150	6	180	7	175	6
January	150	6	155	7	180	7	175	7
February	135	6	150	6	175	6	170	6
March	130	7	140	7	160	7	175	7
April	130	4	140	4	200	5	185	4
May	135	4	150	4	160	4	195	4
Annual	154		143		156		156	

Maple Syrup

Maple syrup: Taps, yield, production, price, and value, 2015-2019

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>
2015	470	0.270	127	54.50	6,922
2016	400	0.225	90	44.80	4,032
2017	600	0.250	150	51.20	7,680
2018	600	0.275	165	38.90	6,419
2019	620	0.315	195	(¹)	(¹)

¹ Published in June 2020.

Oats

Oats: Acres, yield, production, and value, 2014-2018

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>
2014	55	40	69	2,760	3.40	9,384
2015	75	50	67	3,350	1.97	6,600
2016	65	30	58	1,740	2.28	3,967
2017	55	40	54	2,160	2.91	6,286
2018	75	50	63	3,150	3.31	10,238

¹ Marketing year average.

Oats: Monthly price received, percent of annual sales, and marketing year average price by year

Months	2015		2016		2017		2018	
	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales
	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>
July	2.66	3	2.21	7	3.35	2	3.29	7
August	1.91	56	1.77	37	2.54	41	2.99	43
September	1.93	16	2.08	4	2.87	7	3.43	20
October	1.89	5	1.55	3	2.98	9	3.44	5
November	1.84	2	(D)	3	3.22	2	3.59	3
December	(D)	2	(D)	2	3.11	6	3.41	2
January	2.53	4	2.68	7	3.14	10	3.85	2
February	(D)	2	2.79	14	3.12	4	3.62	2
March	2.10	4	2.91	8	3.30	7	3.68	4
April	1.94	4	2.64	6	3.48	4	3.80	5
May	2.29	1	2.74	4	3.46	4	3.75	3
June	(D)	1	3.02	5	3.27	4	(D)	4
Annual	1.97		2.28		2.91		3.31	

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

Potatoes

Fall potatoes: Acres, yield, production, and value, 2014-2018

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>
2014	43.0	42.5	370	15,725	11.60	182,410
2015	46.0	45.0	390	17,550	10.40	182,520
2016	48.0	47.0	370	17,390	10.20	177,378
2017	50.0	49.5	370	18,315	11.10	203,297
2018	50.0	48.0	380	18,240	10.50	191,520

¹ Marketing year average.

Fall potatoes: Stocks by type as percent of total stocks, December 1, 2014-2018

Type	2014	2015	2016	2017	2018
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
White	85	85	81	80	78
Russet	14	14	17	18	20
Red	0	0	0	1	1
Yellow	1	1	2	1	1

Fall potatoes: Production and disposition, 2014-2018

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>
2014	15,725	1,058	315	450	14,960
2015	17,550	1,152	335	540	16,675
2016	17,390	1,470	295	755	16,340
2017	18,315	1,344	379	623	17,313
2018	18,240	1,400	373	680	17,187

Fall potatoes: Stocks, 2014-2018

Crop year	December 1	February 1	April 1
	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
2014	(¹)	5,000	2,200
2015	10,900	6,700	3,500
2016	9,900	6,000	2,600
2017	11,000	6,900	3,800
2018	10,500	6,700	3,400

¹ Estimate not available.

Soybeans

Soybeans: Acres, yield, production, and value, 2014-2018

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>
2014	2,050	2,040	42.5	86,700	10.10	875,670
2015	2,030	2,020	49.0	98,980	8.82	873,004
2016	2,070	2,060	50.5	104,030	9.51	989,325
2017	2,280	2,270	42.5	96,475	9.39	905,900
2018	2,330	2,310	47.5	109,725	8.53	941,184

¹ Marketing year average.

Soybeans: Stocks by quarter, 2014-2018

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>
2014	28,500	36,200	12,500	20,871	5,000	11,838	650	3,891
2015	28,000	36,155	16,000	20,303	6,000	15,221	710	5,147
2016	28,500	42,823	15,500	28,046	8,400	14,978	2,250	4,789
2017	30,000	37,797	14,000	29,719	5,800	16,646	1,750	4,330
2018	46,000	44,504	28,000	39,688	18,000	26,284	8,000	11,404

Soybeans: Percentage of acreage planted, 2014-2018

Year	Month and day						
	April	May			June		
	30	10	20	30	10	20	30
2014	0	9	19	52	91	98	100
2015	5	32	61	85	95	100	100
2016	1	9	28	73	93	100	100
2017	1	5	33	61	86	97	100
2018	1	13	29	54	77	89	96
5-year-average	2	14	34	65	89	97	99

Soybeans: Percentage of acreage setting pods, 2014-2018

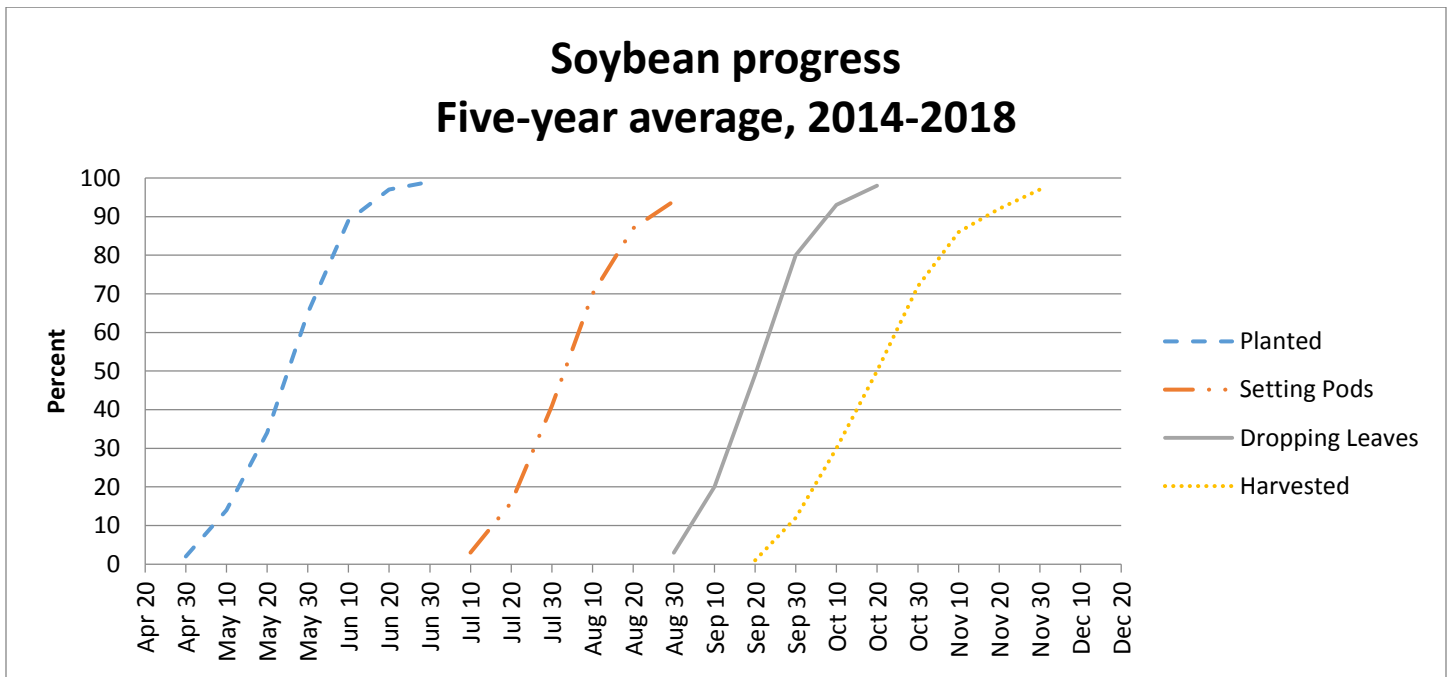
Year	Month and day					
	July			August		
	10	20	30	10	20	30
2014	5	15	46	75	89	96
2015	1	12	38	73	92	97
2016	1	13	38	66	85	93
2017	5	23	44	69	85	92
2018	4	18	39	65	82	93
5-year-average	3	16	41	70	87	94

Soybeans: Percentage of acreage shedding leaves, 2014-2018

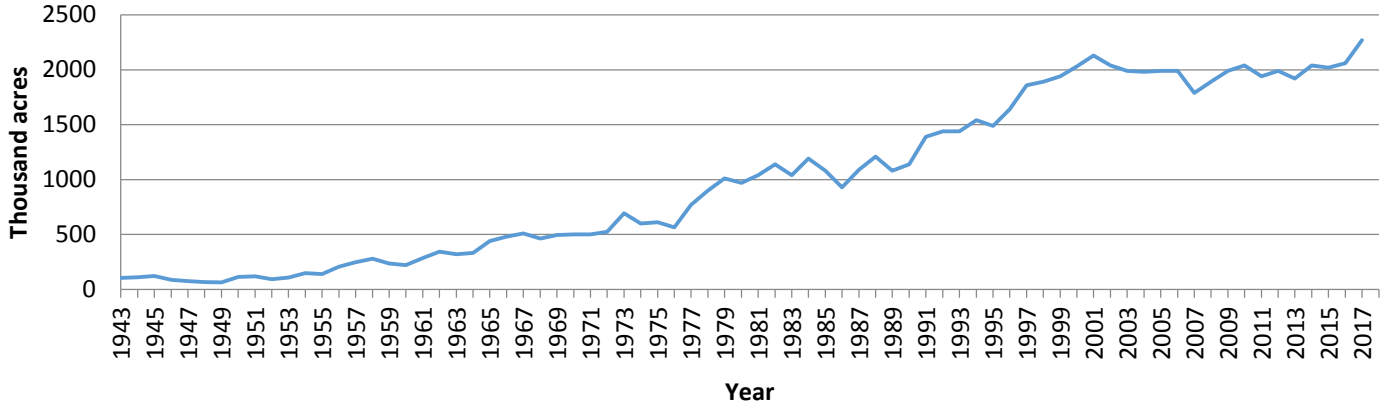
Year	Month and day						
	August		September			October	
	30	10	20	30	10	20	
2014	1	15	37	75	93	100	
2015	0	25	58	88	97	100	
2016	1	15	43	77	90	96	
2017	6	21	53	81	94	96	
2018	5	23	52	79	91	96	
5-year-average	3	20	49	80	93	98	

Soybeans: Percentage of acreage harvested, 2014-2018

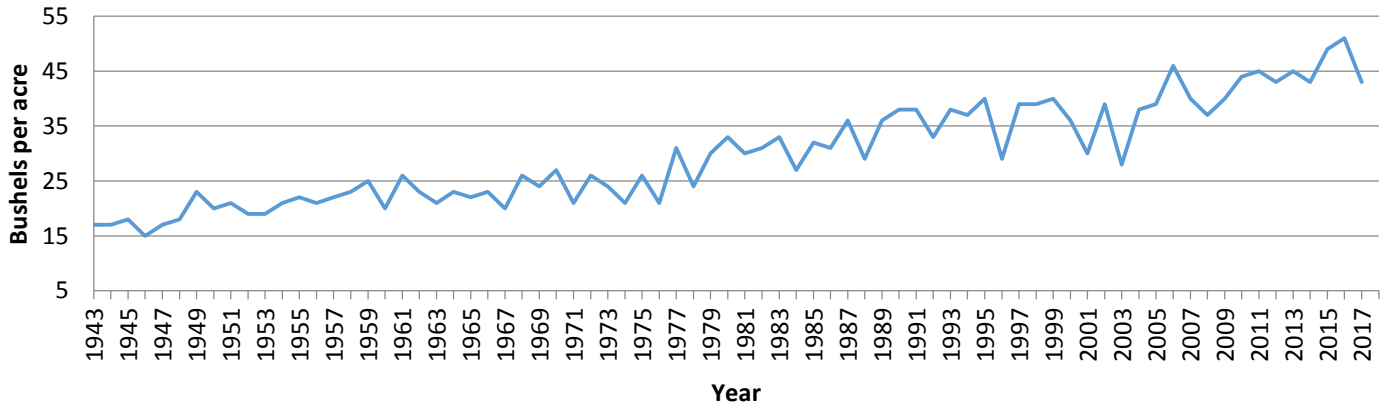
Year	Month and day							
	September		October			November		
	20	30	10	20	30	10	20	30
2014	0	4	15	26	59	86	94	100
2015	1	23	47	71	88	96	100	100
2016	0	4	17	43	66	82	91	97
2017	1	19	54	70	79	87	91	97
2018	2	11	19	40	67	78	85	93
5-year-average	1	12	30	50	72	86	92	97



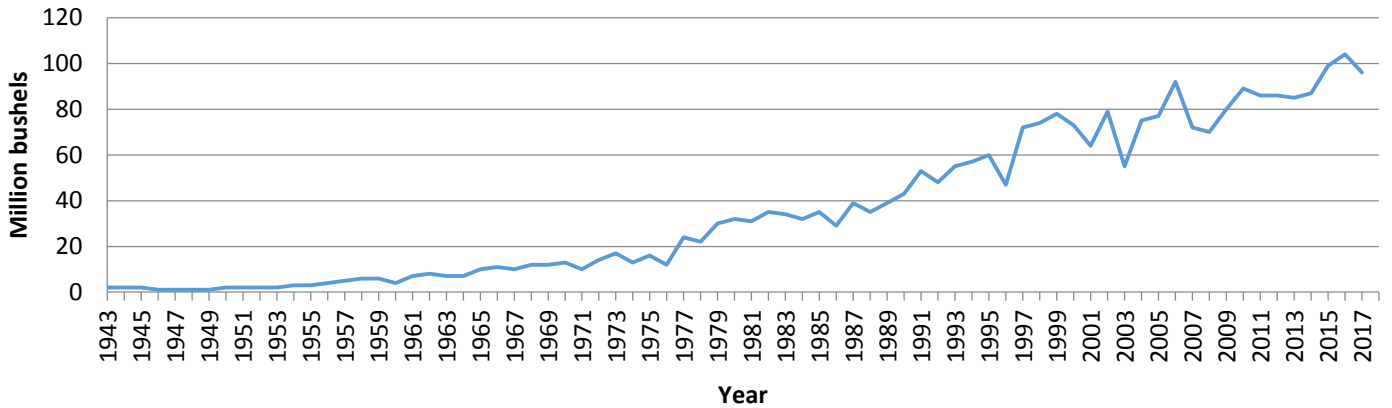
Soybean harvested acres, 1943-2018



Soybean yield, 1943-2018



Soybean production, 1943-2018



Soybeans: Monthly price received, percent of annual sales, and marketing year average by year

Months	2015		2016		2017		2018	
	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales
	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>
September	8.93	5	9.68	2	9.28	11	8.72	2
October	8.73	30	9.28	37	9.21	34	8.73	26
November	8.30	11	9.45	20	9.22	12	8.37	17
December	8.40	9	9.76	6	9.34	7	8.49	9
January	8.58	11	9.76	11	9.31	11	8.62	10
February	8.59	6	10.00	5	9.66	7	8.61	5
March	8.70	9	9.97	4	9.98	6	8.70	4
April	9.01	8	9.70	2	10.00	4	8.22	5
May	9.66	5	9.55	2	10.10	3	8.08	4
June	10.50	3	9.43	3	9.85	2	8.42	13
July	10.30	1	9.61	4	9.56	2	8.60	3
August	10.10	2	9.50	4	9.24	1	8.50	2
Annual	8.82		9.51		9.39		8.53	

Sugarbeets

Sugarbeets: Acres, yield, production, and value, 2014-2018

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>
2014	151	150	29.3	4,395	49.10	215,795
2015	152	151	31.7	4,787	45.30	216,851
2016	151	149	30.8	4,589	30.70	140,882
2017	144	143	25.2	3,604	38.30	138,033
2018	150	147	29.1	4,278	(²)	(²)

¹ Marketing year average.

² Published in February 2020.

Wheat

Wheat: Acres, yield, production, and value, 2014-2018

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>
2014	550	470	74.0	34,780	5.74	199,637
2015	510	475	81.0	38,475	5.61	215,845
2016	610	570	89.0	50,730	4.15	210,530
2017	480	425	79.0	33,575	4.54	152,431
2018	510	470	76.0	35,720	5.08	180,386

¹ Marketing year average.

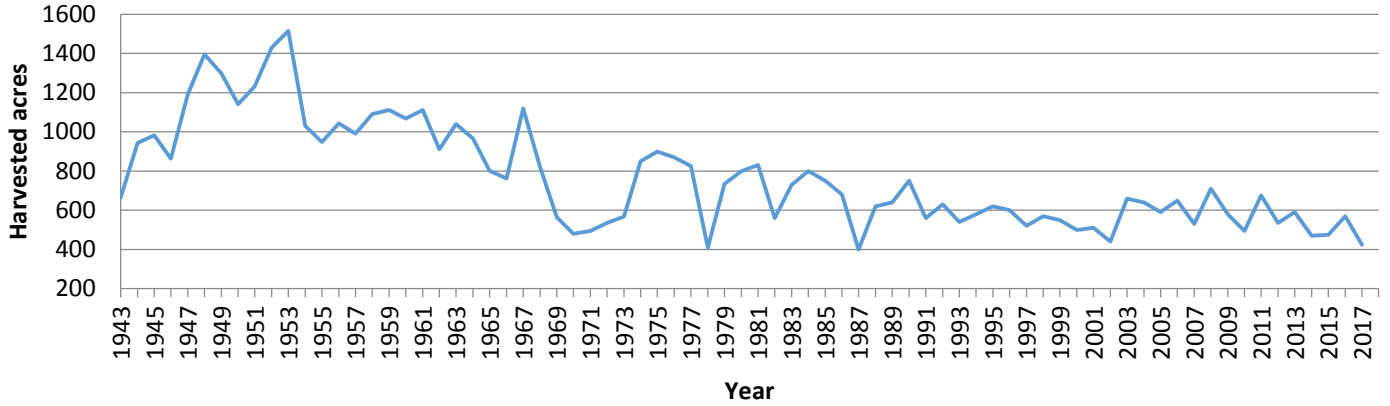
Wheat: Stocks by quarter, 2014-2018

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>
2014	3,500	32,369	3,000	25,169	1,300	19,456	510	12,615
2015	4,800	35,817	2,700	30,523	600	23,848	400	15,741
2016	7,200	46,582	4,000	42,776	3,400	35,778	1,250	30,088
2017	4,900	47,699	2,700	42,254	2,100	35,956	930	30,370
2018	4,300	53,403	1,800	47,535	1,700	39,504	640	30,475

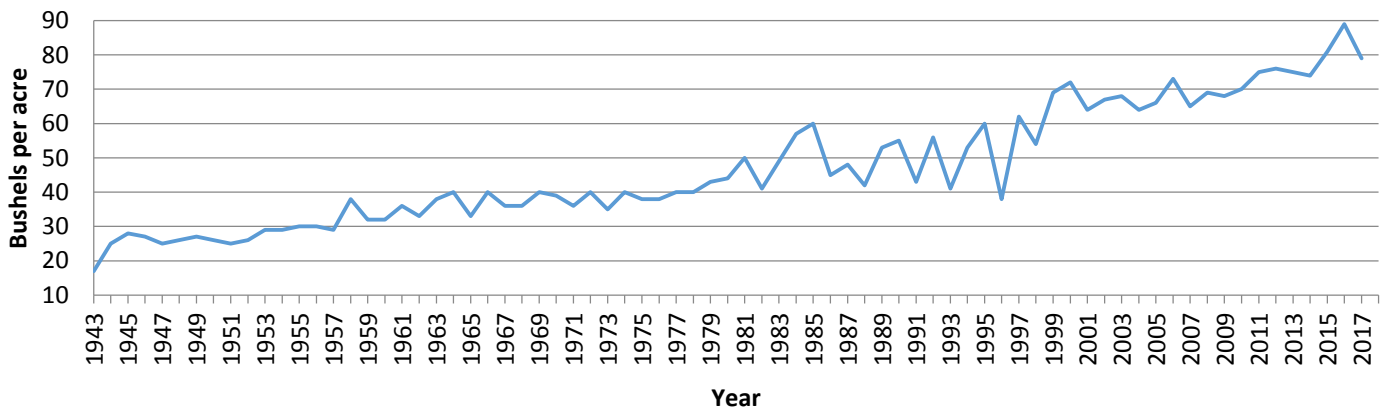
Wheat: Monthly price received, percent of annual sales, and marketing year average price by year

Months	2015		2016		2017		2018	
	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales
	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>
July	5.72	36	4.32	33	4.76	40	4.98	60
August	5.67	27	4.00	23	4.29	21	5.27	18
September	5.51	14	3.94	13	4.24	10	5.17	4
October	5.61	6	4.06	7	4.53	3	4.96	1
November	5.81	1	3.94	3	4.08	2	4.92	1
December	5.63	3	4.13	2	3.82	4	5.16	1
January	5.15	3	4.09	4	4.43	5	5.33	3
February	5.58	2	4.25	6	4.51	5	5.22	1
March	5.25	2	4.49	2	4.72	4	5.56	2
April	5.27	3	4.31	2	5.01	3	5.25	7
May	5.53	1	4.30	2	4.98	2	4.93	1
June	4.96	2	4.28	3	5.06	1	5.26	1
Annual	5.61		4.15		4.54		5.08	

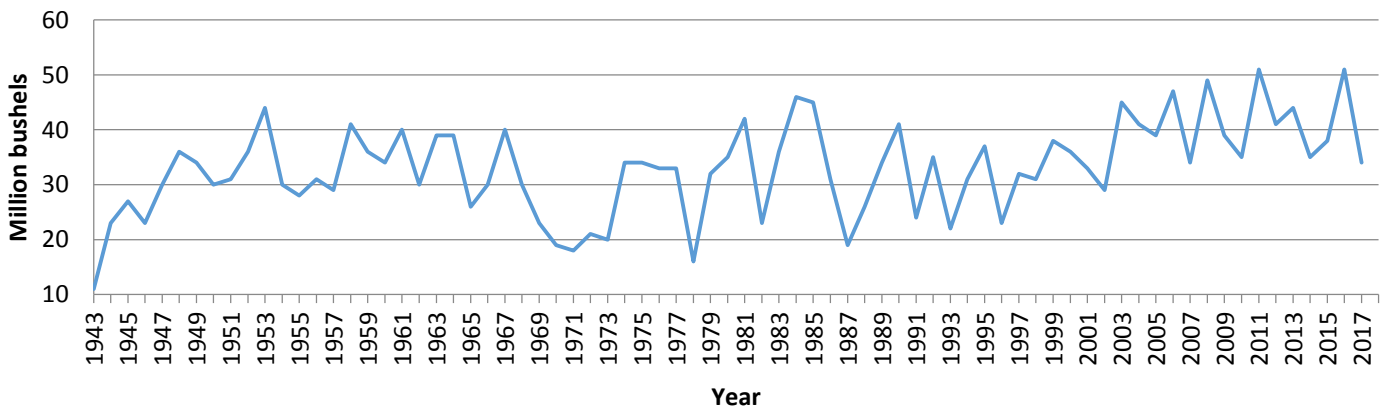
Wheat harvested acres, 1943-2018



Wheat yield, 1943-2018



Wheat production, 1943-2018



Agricultural Chemical Usage

Asparagus: Agricultural chemical and fertilizer applications, 2018 ¹

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Pounds</i>
Herbicides					
Metribuzin	60	1.3	0.575	0.723	4,400
Pendimethrin	14	1.0	1.680	1.680	2,400
S-Metolachlor	63	1.0	1.322	1.328	8,300
Sulfentrazone	53	1.1	0.213	0.245	1,300
Terbacil	31	1.0	0.390	0.390	1,200
Fungicides					
Chlorothalonil	79	3.8	1.453	5.490	43,300
Tebuconazole	51	3.2	0.125	0.404	2,000
Fertilizer					
Nitrogen	94	2.1	31	67	630,000
Phosphate	42	1.5	43	63	265,000
Potash	97	1.8	67	124	1,197,000
Sulfur	45	2.2	15	32	142,000

¹ Planted acres in 2018 were 10,000 acres.

Snap Beans: Agricultural chemical & fertilizer applications, 2018 ¹

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Pounds</i>
Herbicides					
S-Metolachlor	62	1	0.979	0.979	12,800
ALL	99				68,200
Insecticides					
ALL	91				10,100
Fungicides					
ALL	86				1,700
Fertilizer					
Nitrogen	89	1.5	29	45	830,000
Phosphate	87	1.1	12	13	241,000
Potash	83	1.1	63	69	1,199,000
Sulfur	37	1.3	13	17	128,000

¹ Planted acres in 2018 were 21,000 acres.

Cucumbers: Agricultural chemical and fertilizer applications, 2018 ¹

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Pounds</i>
Herbicides					
Clomazone	11	1.0	0.143	0.143	500
Ethalfuralin	12	1.0	1.101	1.101	4,600
ALL	12				5,300
Insecticides					
ALL	88				30,700
Fungicides					
Chlorothalonil	1	4.4	0.356	1.557	400
Copper Hydroxide	4	1.3	1.095	1.427	2,100
ALL	92				354,300
Fertilizer					
Nitrogen	100	2.9	107	310	10,840,000
Phosphate	100	1.1	81	91	3,177,000
Potash	100	2.8	127	352	12,280,000

¹ Planted acres in 2018 were 35,000.

Pumpkins: Agricultural chemical and fertilizer applications, 2018 ¹

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Pounds</i>
Herbicides					
Clomazone	34	1.0	0.306	0.306	600
Ethalfuralin	46	1.0	0.685	0.685	1,800
Glyphosate iso. salt	4	1.0	0.958	0.958	200
Glyphosate pot. salt	12	1.0	1.107	1.107	700
Halosulfuron	19	1.5	0.041	0.060	100
S-Metolachlor	26	1.0	1.050	1.050	1,600
ALL	72				5,300
Insecticides					
Carbaryl	4	3.6	0.907	3.284	700
Imidacloprid	5	1.1	0.190	0.201	100
Lambda-Cyhalothrin	39	1.5	0.028	0.041	100
Zeta-Cypermethrin	17	3.4	0.029	0.098	100
ALL	63				1,800
Fungicides					
Azoxystrobin	11	1.3	0.101	0.136	100
Chlorothalonil	78	3.0	1.448	4.411	19,700
Copper chloride	46	3.2	0.169	0.547	1,400
Copper hydroxide	57	3.1	0.208	0.642	2,100
Cyflufenamid	37	1.6	0.022	0.036	100
Cymoxanil	11	2.0	0.129	0.261	200
Difenoconazole	25	1.1	0.097	0.106	200
Famoxadone	11	2.0	0.129	0.262	200
Mancozeb	7	1.9	1.539	2.876	1,100
Myclobutanil	9	1.3	0.111	0.142	100
Quinoline	27	1.8	0.096	0.172	300
ALL	81				28,100
Fertilizer					
Nitrogen	93	1.5	43.000	64.000	326,000
Phosphate	82	1.3	41.000	52.000	241,000
Potash	89	1.4	61.000	82.000	414,000
Sulfur	11	1.1	19.000	21.000	13,000

¹ Planted acres in 2018 were 5,700.

Squash: Agricultural chemical and fertilizer applications, 2018 ¹

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Pounds</i>
Herbicides					
Clomazone	30	1	0.202	0.204	500
Ethalfuralin	36	1	0.624	0.630	2,000
S-Metolachlor	2	1	1.118	1.118	200
ALL	37				3,100
Insecticides					
Carbaryl	32	2	0.995	1.996	5,700
ALL	60				6,100
Fungicides					
Azoxystrobin	13	1.9	0.107	0.207	200
Benzovindiflupyr	12	2.9	0.057	0.167	200
Chlorothalonil	90	2.5	1.545	3.811	30,900
Copper chloride hyd.	42	3.1	0.166	0.509	1,900
Copper hydroxide	60	2.9	0.24	0.692	3,700
Cyflufenamid	27	1.6	0.022	0.036	100
Difenoconazole	13	2.9	0.085	0.248	300
Mancozeb	3	1.2	1.531	1.895	500
ALL	94				38,400
Fertilizer					
Nitrogen	83	1.8	59	105	784,000
Phosphate	82	1.1	48	51	379,000
Potash	81	1.1	139	150	1,101,000
Sulfur	28	1.1	11	13	33,000

¹ Planted acres in 2018 were 9,000 acres.

Agricultural chemical applications: Corn, 2018 ¹

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Pounds</i>
Herbicides:					
Acetochlor	18	1.1	1.441	1.608	661,000
Atrazine	63	1.1	0.937	1.001	1,450,000
Bicyclopyrone	6	1.0	0.029	0.029	4,000
Clopyralid	6	1.0	0.069	0.069	10,000
Dimethenamid-P	15	1.0	0.454	0.454	152,000
Flumetsulam	11	1.0	0.031	0.031	8,000
Glyphosate	5	1.3	0.981	1.248	141,000
Glyphosate iso. Salt	27	1.3	0.851	1.122	690,000
Glyphosate Pot. Salt	32	1.3	0.893	1.201	877,000
Mesotrione	19	1.0	0.119	0.119	53,000
S-Metolachlor	11	1.0	0.036	0.036	9,000
Saflufenacil	24	1.1	1.068	1.173	636,000
Tembotrione	16	1.0	0.068	0.068	26,000
Thiencarbazone-methyl	18	1.0	0.015	0.015	6,000
Topramezone	6	1.0	0.019	0.019	3,000
ALL	98				4,999,000
Insecticides					
ALL	8				13,000
Fungicides					
ALL	5				71,000

¹ Planted acres in 2018 were 2.30 million acres.

Fertilizer applications: Corn, 2018 ¹

Fertilizer	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Million pounds</i>
Nitrogen--N	97	2.5	59	144	322.4
Phosphate--P2O5	79	1.2	38	47	86.1
Potash--K2O	71	1.1	86	96	156.4
Sulfur--S	29	1.4	8	11	7.5

¹ Planted acres in 2018 were 2.30 million acres.

Agricultural chemical applications: Soybeans, 2018 ¹

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Pounds</i>
Herbicides					
2,4-D, 2-Ehe	8	1.0	0.529	0.529	98,000
Chlorimuron-ethyl	5	1.0	0.014	0.014	1,000
Clethodim	6	1.0	0.117	0.119	16,000
Flumioxazin	4	1.0	0.055	0.055	6,000
Fomesafen sodium	9	1.0	0.237	0.237	50,000
Glufosinate-ammonium	25	1.3	0.502	0.656	374,000
Glyphosate	5	1.1	1.088	1.233	144,000
Glyphosate iso. salt	39	1.4	0.892	1.250	1,115,000
Glyphosate pot. salt	38	1.6	1.115	1.799	1,561,000
Imazethapyr	11	1.2	0.048	0.056	15,000
Metolachlor	4	1.0	1.353	1.353	115,000
Metribuzin	19	1.0	0.230	0.230	100,000
Pyroxasulfone	10	1.2	0.108	0.129	28,000
Saflufenacil	20	1.1	0.021	0.023	10,000
S-metolachlor	7	1.0	0.857	0.857	143,000
Sulfentrazone	5	1.0	0.113	0.113	13,000
ALL	99				4,026,000
Insecticides					
ALL	6				59,000

¹ Planted acres in 2018 were 2.30 million acres.

Fertilizer applications: Soybeans, 2018 ¹

Fertilizer	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Million pounds</i>
Nitrogen (N)	50	1.2	13	15	16.9
Phosphate (P2O5)	48	1.1	40	42	45.7
Potash (K2O)	77	1.1	82	88	155.6
Sulfur (S)	18	1.1	19	21	8.9

¹ Planted acres in 2018 were 2.30 million acres.

Fertilizer applications: Soybeans, 2018 ¹

Fertilizer	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Million pounds</i>
Nitrogen (N)	50	1.2	13	15	16.9
Phosphate (P2O5)	48	1.1	40	42	45.7
Potash (K2O)	77	1.1	82	88	155.6
Sulfur (S)	18	1.1	19	21	8.9

¹ Planted acres in 2018 were 2.30 million acres.

Agricultural chemical applications: Soybeans, 2018 ¹

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Pounds</i>
Herbicides					
2,4-D, 2-Ehe	8	1.0	0.529	0.529	98,000
Chlorimuron-ethyl	5	1.0	0.014	0.014	1,000
Clethodim	6	1.0	0.117	0.119	16,000
Flumioxazin	4	1.0	0.055	0.055	6,000
Fomesafen sodium	9	1.0	0.237	0.237	50,000
Glufosinate-ammonium	25	1.3	0.502	0.656	374,000
Glyphosate	5	1.1	1.088	1.233	144,000
Glyphosate iso. salt	39	1.4	0.892	1.250	1,115,000
Glyphosate pot. salt	38	1.6	1.115	1.799	1,561,000
Imazethapyr	11	1.2	0.048	0.056	15,000
Metolachlor	4	1.0	1.353	1.353	115,000
Metribuzin	19	1.0	0.230	0.230	100,000
Pyroxasulfone	10	1.2	0.108	0.129	28,000
Saflufenacil	20	1.1	0.021	0.023	10,000
S-metolachlor	7	1.0	0.857	0.857	143,000
Sulfentrazone	5	1.0	0.113	0.113	13,000
ALL	99				4,026,000
Insecticides					
ALL	6				59,000

¹ Planted acres in 2018 were 2.30 million acres.

Fruit

Fruit: Acres, production, and value, 2014-2018

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						
2014	33,000	31,100	1,025	1,025	0.216	221,115
2015	33,000	30,200	995	990	0.236	233,288
2016	33,000	38,600	1,275	1,273	0.255	325,195
2017	33,000	27,300	900	899	0.303	272,310
2018	32,500	32,300	1,050	1,049	0.281	294,420
Blueberries ¹						
2014	20,200	4,900	99	99	1.250	123,840
2015	19,400	3,770	73	73	1.350	98,925
2016	20,300	5,420	110	110	1.190	130,350
2017	20,000	5,010	102	100	1.160	116,400
2018	19,700	3,560	70	70	1.000	70,226
Cherries, tart						
2014	27,900	7,280	203	201	0.342	68,827
2015	28,400	5,560	158	157	0.340	53,499
2016	27,000	8,410	227	225	0.239	53,790
2017	26,500	7,140	189	188	0.211	39,693
2018	26,500	7,600	201	198	0.191	37,936
Peaches						
2014	2,800	6,320	17.7	16.9	0.460	7,758
2015	2,400	5,980	14.4	14.2	0.417	5,906
2016	2,300	9,560	22.0	21.8	0.443	9,650
2017	2,200	8,720	19.2	19.0	0.570	10,810
2018	2,400	10,000	24.0	23.9	0.530	12,642

¹ Harvested acres.

Apples: Utilization and price, 2014-2018

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>
2014	425	0.360	600	0.114	1,025	0.216
2015	450	0.370	540	0.124	990	0.236
2016	635	0.385	638	0.127	1,273	0.255
2017	490	0.420	409	0.163	899	0.303
2018	545	0.420	504	0.130	1,049	0.281

Blueberries: Utilization and price, 2014-2018

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>
2014	99	99	48	1.900	51	0.640
2015	73	73	42	1.800	31	0.750
2016	110	110	55	1.720	55	0.650
2017	102	100	54	1.650	47	0.600
2018	70	70	37	1.380	33	0.580

Cherries, tart: Production by region, 2014-2018

Region	2014	2015	2016	2017	2018
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Northwest	139.2	88.5	138.0	123.1	115.2
West Central	45.0	36.7	67.0	33.8	60.4
Southwest and other	18.9	32.8	22.0	32.3	25.4
Michigan	203.0	158.0	227.0	189.2	201.0

Cherries, tart, frozen: Stocks in cold storage, 2015-2018

Month	East North Central region ¹				48 States total ²			
	2015-16	2016-17	2017-18	2018-19	2015-16	2016-17	2017-18	2018-19
	<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	117,682	128,136	117,636	128,900	146,251	173,739	155,363	167,724
August	121,651	142,112	127,198	135,497	158,170	196,001	166,554	184,463
September	112,990	134,045	119,658	123,933	159,154	184,839	158,660	169,664
October	101,870	130,571	113,582	115,802	141,734	174,878	154,858	156,443
November	95,729	116,074	106,737	108,243	132,880	156,973	142,281	145,503
December	89,380	106,585	101,660	105,692	123,378	142,913	134,946	141,203
January	84,187	99,849	95,644	101,010	113,844	131,911	125,530	126,955
February	77,052	94,573	90,335	95,777	102,584	121,549	115,381	120,147
March	69,366	87,926	85,122	92,218	91,204	111,923	108,226	114,474
April	63,409	82,718	79,354	89,398	81,431	102,192	98,931	111,041
May	56,492	76,628	73,342	77,428	72,293	93,736	88,879	94,508
June	50,153	70,932	63,980	70,717	63,925	83,809	74,151	84,115

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

² Excluding Alaska and Hawaii.

Vegetables

Vegetables: Area planted and harvested, production, and value, by crop, 2016-2018

Crop	Planted	Harvested	Production	Value
	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 dollars</i>
Asparagus				
2016	11,400	10,400	260	22,801
2017	12,000	11,300	305	26,136
2018	10,000	9,500	266	23,275
Snap beans				
2016	19,300	18,400	1,674	32,263
2017	18,300	17,800	1,780	25,898
2018	21,000	18,200	1,365	21,520
Cabbage				
2016	3,600	3,500	1,155	15,987
2017	4,000	3,900	1,326	14,619
2018	3,800	3,700	1,295	14,327
Carrots				
2016	4,000	3,900	1,326	12,700
2017	4,100	4,000	1,480	14,948
2018	4,200	4,000	1,520	14,456
Celery				
2016	2,000	1,900	1,140	15,966
2017	2,200	2,100	1,239	16,636
2018	2,000	1,900	1,102	19,471
Sweet corn				
2016	9,800	9,200	856	21,818
2017	9,600	9,100	910	20,930
2018	9,700	9,100	837	19,256
Cucumbers				
2016	41,000	40,400	5,454	69,146
2017	38,000	37,500	5,625	79,739
2018	35,000	34,400	4,124	55,418
Bell peppers				
2016	1,800	1,700	442	16,354
2017	2,300	2,200	561	15,318
2018	2,100	2,000	480	18,220
Pumpkins				
2016	5,400	5,100	791	11,909
2017	5,300	4,900	760	8,314
2018	5,700	5,400	1,026	14,947
Squash				
2016	9,600	9,300	2,232	33,570
2017	9,300	9,200	2,116	42,838
2018	9,000	8,700	1,914	37,072
Tomatoes				
2016	6,000	5,700	3,164	33,919
2017	5,700	5,500	3,068	35,987
2018	5,200	5,000	2,750	35,352
Michigan				
2016	113,900	109,500	18,493	286,433
2017	110,800	107,500	19,170	301,363
2018	107,700	101,900	16,679	273,314

Vegetables, processing: Acres, production, and value, 2014-2018

Item and Year	Production	Price per ton	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Cucumbers			
2014	167,140	210	35,099
2015	171,100	220	37,642
2016	208,070	200	41,614
2017	237,656	235	55,849
2018	153,149	215	32,927
Snap beans			
2014	(D)	(D)	(D)
2015	71,200	230	16,376
2016	70,911	240	17,019
2017	78,765	200	15,753
2018	60,333	215	12,972
Tomatoes			
2014	129,200	117	15,116
2015	95,040	117	11,120
2016	137,929	110	15,172
2017	133,056	103	13,705
2018	112,750	105	11,839

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

Vegetables, fresh market: Acres, production, and value, 2014-2018

Item and year	Production	Price per cwt	Value ¹
	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Beans, snap			
2014	182	44.90	8,172
2015	212	54.20	11,490
2016	256	59.50	15,244
2017	203	50.00	10,145
2018	158	54.00	5,848
Cabbage			
2014	837	16.00	13,392
2015	957	17.00	16,269
2016	(D)	(D)	(D)
2017	(D)	(D)	(D)
2018	686	14.00	9,610
Carrots			
2014	496	15.80	7,837
2015	360	20.00	7,200
2016	(D)	(D)	(D)
2017	(D)	(D)	(D)
2018	410	19.00	7,798
Corn, sweet			
2014	828	24.70	20,452
2015	927	26.00	24,102
2016	856	25.50	21,818
2017	910	23.00	20,930
2018	837	23.00	19,256
Cucumbers			
2014	680	20.40	13,872
2015	592	22.80	13,498
2016	1,293	21.30	27,532
2017	872	27.40	23,890
2018	1,061	21.20	22,491
Onions			
2014	925	12.90	11,094
2015	792	14.10	10,053
2016 ¹			
Tomatoes			
2014	466	35.70	16,636
2015	780	53.60	41,808
2016	405	46.30	18,747
2017	407	54.80	22,282
2018	495	47.50	23,513

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

¹ Estimates discontinued.

Vegetables, dual purpose: Acres, production, and value, 2014-2018

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						
2014	10,300	9,000	24	220	93.20	20,505
2015	10,000	8,900	26	228	86.60	19,754
2016	11,400	10,400	25	260	87.70	22,801
2017	12,000	11,300	27	305	85.70	26,136
2018	10,000	9,500	28	266	87.50	23,275
Celery						
2014	1,800	1,700	580	985	19.10	18,853
2015	1,700	1,600	580	930	20.30	18,897
2016	2,000	1,900	600	1,140	14.00	15,966
2017	2,200	2,100	590	1,239	13.40	16,636
2018	2,000	1,900	580	1,102	17.70	19,471
Peppers, bell						
2014	1,500	1,400	260	364	37.00	13,468
2015	1,500	1,400	280	392	38.00	14,896
2016	1,800	1,700	260	442	37.00	16,354
2017	2,300	2,200	255	561	27.30	15,318
2018	2,100	2,000	240	480	38.00	18,220
Pumpkins						
2014	6,400	6,100	160	970	11.80	11,398
2015	5,400	5,000	155	770	15.70	12,080
2016	5,400	5,100	155	791	15.10	11,909
2017	5,300	4,900	155	760	11.00	8,314
2018	5,700	5,400	190	1,026	14.80	14,947
Squash						
2014	6,100	6,000	200	1,200	15.00	18,032
2015	5,800	5,600	200	1,114	17.50	19,543
2016	9,600	9,300	240	2,232	15.00	33,570
2017	9,300	9,200	230	2,116	20.20	42,838
2018	9,000	8,700	220	1,914	19.70	37,072

Horticulture

Floriculture crops: Number of growers by gross value of sales, 2014-2018

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>
2014	59	57	19	71	170	134	510
2015	57	78	32	98	155	136	556
2016 ¹							
2017 ¹							
2018	49	78	35	97	170	140	569

¹ Program suspended.

Floriculture crops: Growing area by type of cover, 2014-2018

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>
2014	3,621	3,435	37,639	44,695	568	45,263	6,345
2015	3,332	3,562	35,641	42,535	566	43,101	1,856
2016 ¹							
2017 ¹							
2018	3,026	2,756	39,409	45,191	1,603	46,794	2,147

¹ Program suspended.

Floriculture crops: Wholesale value of sales by category, 2014-2018

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>
2014	5,359	37,397	6,411	273,598	405,644	413,939
2015	5,312	31,147	6,305	270,666	398,113	409,078
2016 ²						
2017 ²						
2018	(D)	70,435	8,849	293,859	474,977	486,746

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

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 Program suspended.

Bedding plants: Producers, quantity sold, price, and value, 2012-2018

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					
2012	199	768	83	8.27	6,351
2013	180	798	81	7.80	6,224
2014	189	767	78	8.69	6,665
2015	179	817	82	7.64	6,242
2018	192	851	73	8.07	6,868
Geraniums from cuttings					
2012	14	30	79	19.97	599
2013	12	24	58	19.54	469
2014	8	23	87	21.92	504
2015	8	22	86	22.60	497
2018	27	131	85	8.81	1,154
Geraniums from seed					
2012	26	56	76	10.34	579
2013	(¹)	(¹)	(¹)	(¹)	(¹)
2014	31	66	87	7.70	508
2015	31	141	92	7.21	1,017
2018	NA	NA	NA	NA	NA
Impatiens					
2012	197	1,567	84	8.07	12,646
2013	165	1,602	92	6.34	10,157
2014	176	1,329	90	7.45	9,901
2015	168	1,106	88	8.06	8,914
2018	159	1,108	85	7.94	8,798
Marigolds					
2012	204	568	84	8.20	4,658
2013	188	731	87	6.32	4,620
2014	196	586	82	8.09	4,741
2015	182	588	83	7.34	4,316
2018	193	611	76	7.78	4,754
New Guinea Impatiens					
2012	21	30	76	6.85	206
2013	27	43	77	7.03	302
2014	36	110	92	8.77	965
2015	33	73	87	7.80	569
2018	37	91	77	8.14	741
Pansies/Violas					
2012	185	635	92	7.44	4,724
2013	171	515	90	7.86	4,048
2014	177	465	90	9.17	4,264
2015	165	414	89	8.74	3,618
2018	165	580	87	8.99	5,214
Petunias					
2012	210	1,248	87	8.85	11,045
2013	196	1,564	89	8.21	12,840
2014	203	1,380	85	9.32	12,862
2015	189	1,385	86	8.65	11,980
2018	196	1,315	81	8.53	11,217
Other flowering and foliar					
2012	208	2,525	87	8.64	21,816
2013	189	3,719	92	6.69	24,880
2014	181	3,112	88	6.84	21,286
2015	170	2,186	85	8.74	19,106
2018	181	2,320	84	8.99	20,857
Vegetables ¹					
2012	160	755	82	9.43	7,120
2013	136	630	76	7.69	4,845
2014	132	590	73	8.77	5,174
2015	129	743	80	11.00	8,173
2018	138	606	76	7.41	4,490

¹ Does not include vegetable transplants grown for commercial use.
NA Not available.

Hanging baskets: Producers, quantity sold, price, and value, 2012-2018

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					
2012	170	528	78	6.03	3,184
2013	160	748	88	6.62	4,952
2014	161	517	92	5.80	2,999
2015	156	513	89	6.20	3,181
2018	165	486	87	7.04	3,421
Geraniums from cuttings					
2012	201	659	76	7.46	4,916
2013	195	768	80	7.10	5,453
2014	203	770	77	7.15	5,506
2015	195	794	81	7.48	5,939
2018	202	1,041	83	7.18	7,474
Geraniums from seed					
2012	22	82	97	6.86	563
2013	24	103	97	7.04	725
2014	36	129	97	6.80	877
2015	28	104	96	7.19	748
2018	NA	NA	NA	NA	NA
Impatiens					
2012	180	620	89	5.05	3,131
2013	144	643	95	4.94	3,176
2014	141	568	95	4.91	2,789
2015	138	592	96	5.04	2,984
2018	128	681	92	4.94	3,364
Marigolds					
2012	21	38	94	4.39	167
2013	18	54	96	3.49	188
2014	21	62	97	4.64	288
2015	19	65	99	4.53	294
2018	15	52	96	4.64	241
New Guinea Impatiens					
2012	178	390	83	7.24	2,824
2013	170	448	87	6.83	3,060
2014	183	475	82	6.90	3,278
2015	178	481	81	7.02	3,377
2018	168	384	87	7.19	2,761
Pansies/Violas					
2012	52	220	99	5.07	1,115
2013	52	242	95	4.82	1,166
2014	58	191	93	5.33	1,018
2015	49	142	98	5.90	838
2018	53	212	97	5.53	1,172
Petunias					
2012	192	1,171	88	5.69	6,499
2013	183	1,326	90	5.76	7,638
2014	195	1,313	89	5.81	7,629
2015	183	1,131	89	5.81	6,571
2018	192	1,502	89	5.83	8,757
Other flowering					
2012	175	2,449	89	6.53	15,992
2013	177	3,571	94	7.44	26,568
2014	176	3,427	92	7.92	27,142
2015	174	3,500	93	7.21	25,235
2018	182	3,511	88	7.69	27,000
Foliage					
2012	70	190	75	7.53	1,431
2013	60	290	90	8.57	2,485
2014	43	160	86	9.47	1,515
2015	49	258	90	10.91	2,815
2018	68	335	82	10.05	3,367

¹ Not published to avoid disclosure of individual operations.
NA Not available.

Potted flowering and annual bedding plants: Producers, quantity sold, price, and value, 2012-2018

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>
Begonias								
2012	120	898	175	1,073	84	1.45	2.75	1,783
2013	112	1,369	340	1,709	92	1.38	4.42	3,392
2014	112	644	292	936	90	1.59	3.76	2,122
2015	113	782	516	1,298	90	1.53	4.87	3,709
2018	134	903	724	1,627	89	2.04	4.38	5,013
Chrysanthemums, florist								
2012	19	33	301	334	96	1.70	4.69	1,468
2013	18	49	511	560	97	1.59	4.55	2,403
2014	18	156	592	748	99	1.31	3.39	2,211
2015	16	75	214	289	97	2.37	4.14	1,064
2018	19	96	326	422	93	2.51	4.13	1,587
Chrysanthemums, hardy garden								
2012	130	985	4,495	5,480	94	0.92	2.78	13,402
2013	113	1,554	4,728	6,282	94	0.98	2.99	15,660
2014	119	1,357	4,821	6,178	93	0.96	3.01	15,814
2015	111	1,102	5,244	6,346	96	1.06	2.80	15,851
2018	131	1,271	5,668	6,939	94	1.17	3.13	19,228
Easter Lilies								
2012	22	37	1,136	1,173	98	3.48	4.28	4,991
2013	29	121	1,337	1,458	99	2.10	4.09	5,722
2014	30	103	1,427	1,530	97	1.79	4.74	6,948
2015	26	124	1,366	1,490	98	2.27	4.17	5,978
2018	33	141	1,253	1,394	98	2.37	4.33	5,760
Geraniums from cuttings								
2012	205	2,078	1,327	3,405	70	1.93	3.92	9,212
2013	187	2,381	1,131	3,512	75	1.77	4.27	9,044
2014	202	2,215	1,177	3,392	70	2.05	4.60	9,955
2015	181	2,128	1,450	3,578	73	2.07	4.42	10,814
2018	200	4,033	1,437	5,470	80	1.42	4.68	12,452
Geraniums from seed								
2012	89	8,923	34	8,957	98	0.77	6.90	7,105
2013	77	8,805	4	8,809	97	0.80	5.76	7,067
2014	85	8,778	48	8,826	97	0.82	4.34	7,406
2015	78	6,922	6	6,928	98	0.77	2.63	5,346
2018	NA	NA	NA	NA	NA	NA	NA	NA
Impatiens								
2012	76	653	189	842	94	1.24	2.79	1,337
2013	60	592	210	802	98	0.91	2.90	1,148
2014	59	278	150	428	98	1.20	2.24	670
2015	55	257	184	441	98	1.35	3.05	908
2018	76	365	185	550	90	1.89	2.91	1,228
Marigolds								
2012	28	63	125	188	95	0.83	2.76	397
2013	26	260	82	342	97	0.50	1.45	249
2014	30	160	118	278	96	0.69	2.22	372
2015	32	107	102	209	98	0.92	1.98	300
2018	31	232	100	332	94	1.17	2.71	542
New Guinea Impatiens								
2012	175	2,491	343	2,834	94	1.18	2.81	3,903
2013	161	2,886	345	3,231	92	1.24	4.12	5,000
2014	171	2,186	218	2,404	90	1.45	5.85	4,445
2015	153	1,753	261	2,014	90	1.43	5.09	3,835
2018	162	1,950	319	2,269	90	1.42	4.85	4,316

See footnote(s) at end of table.

--continued

Potted flowering and annual bedding plants: Producers, quantity sold, price, and value, 2012-2018 (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								
2012	53	1,646	547	2,193	98	0.74	2.59	2,635
2013	55	1,940	371	2,311	99	0.79	2.47	2,449
2014	67	1,333	354	1,687	95	1.08	2.56	2,346
2015	62	1,317	326	1,643	98	1.07	2.79	2,319
2018	66	1,666	299	1,965	98	0.95	3.22	2,545
Petunias								
2012	109	2,306	2,180	4,486	93	1.68	2.19	8,648
2013	109	2,866	1,641	4,507	92	1.21	3.61	9,392
2014	120	3,072	1,191	4,263	92	1.28	4.60	9,411
2015	110	2,664	1,408	4,072	94	1.52	4.41	10,259
2018	131	2,932	1,666	4,598	92	1.58	4.05	11,380
Poinsettias								
2012	53	520	1,688	2,208	93	1.97	4.42	8,485
2013	58	624	1,781	2,405	95	1.76	4.88	9,790
2014	60	769	1,806	2,575	95	2.08	4.76	10,196
2015	55	701	1,890	2,591	95	1.53	4.92	10,371
2018	64	815	1,970	2,785	96	1.62	4.86	10,895
Flowering bulbs								
2012	28	436	1,366	1,802	99	1.73	3.38	5,371
2013	26	395	1,717	2,112	99	1.79	3.52	6,751
2014	23	402	1,706	2,108	99	1.80	3.64	6,933
2015	23	472	1,422	1,894	99	2.06	3.86	6,461
2018	30	628	1,563	2,191	99	2.07	3.42	6,645
Other flowering plants								
2012	45	772	422	1,194	88	1.46	4.58	3,060
2013	54	1,141	881	2,022	84	2.10	4.61	6,458
2014	72	1,491	1,505	2,996	90	1.88	4.43	9,470
2015	47	595	602	1,197	92	2.57	6.26	5,298
2018	58	909	(D)	(D)	96	2.59	(D)	(D)
Other flowering and foliar type bedding plants								
2012	156	21,675	7,789	29,464	92	1.17	3.32	51,219
2013	154	17,301	7,071	24,372	93	1.41	3.70	50,557
2014	162	13,774	4,908	18,682	90	1.64	4.50	44,675
2015	152	17,566	4,693	22,259	93	1.61	5.06	52,028
2018	173	21,183	5,500	26,683	90	1.50	4.70	57,625
Vegetable type ¹								
2012	121	4,070	1,139	5,209	90	1.10	3.80	8,805
2013	110	4,533	722	5,255	87	1.33	5.23	9,805
2014	99	3,752	654	4,406	81	1.22	6.52	8,842
2015	99	3,337	410	3,747	85	1.18	4.08	5,610
2018	106	3,672	565	4,237	84	1.52	9.74	11,085

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

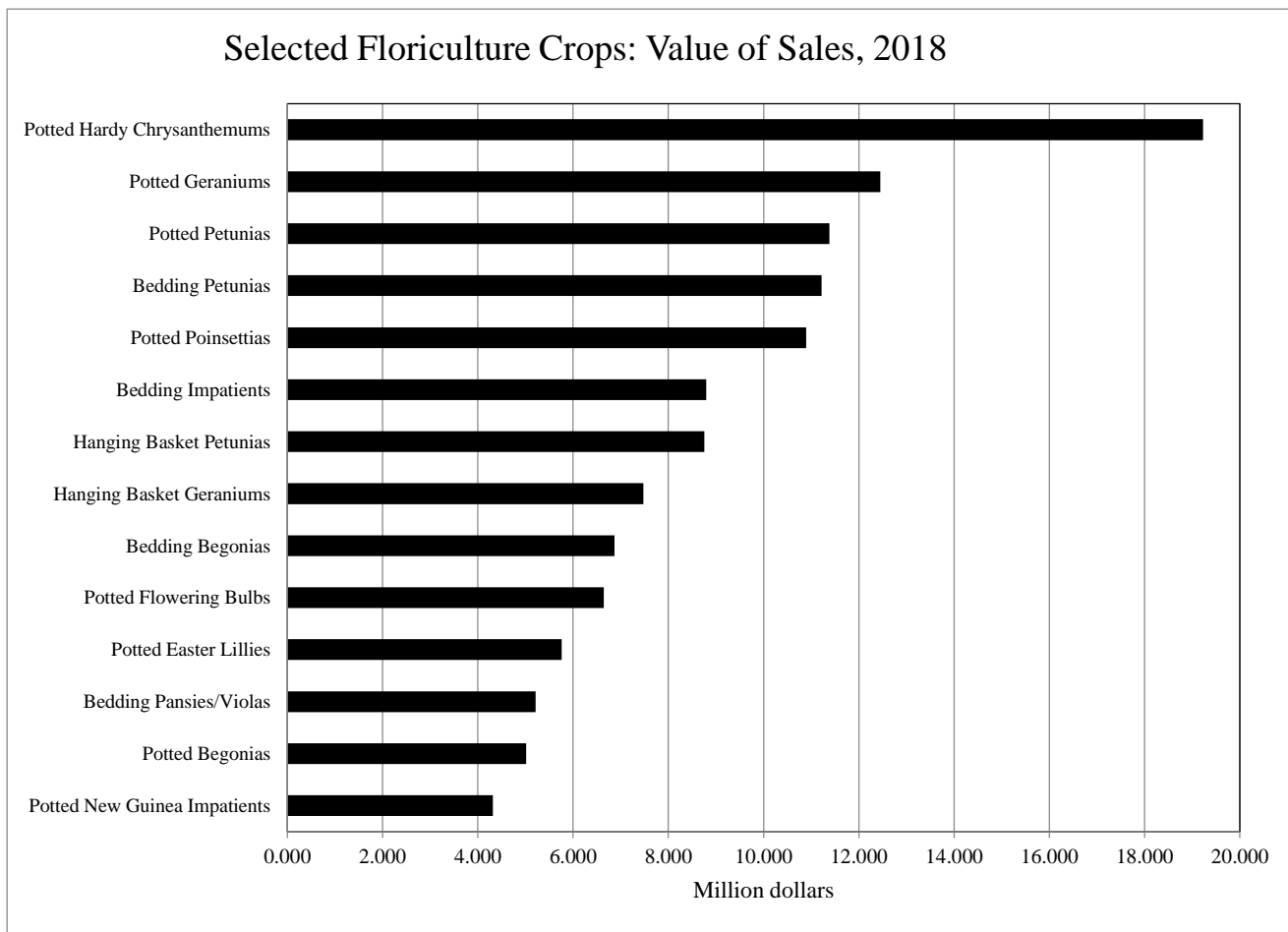
¹ Does not include vegetable transplants grown for commercial use.

NA Not available.

Herbaceous perennials: Producers, quantity sold, price, and value, 2012-2018

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										
2012	107	1,070	604	27	1,701	93	1.80	3.67	11.61	4,456
2013	98	798	654	58	1,510	92	1.91	3.30	9.19	4,215
2014	102	1,613	979	56	2,648	96	1.95	3.38	8.09	6,907
2015	102	1,620	887	31	2,538	96	2.21	3.38	7.17	6,801
2018	112	881	683	27	1,591	93	1.81	3.62	7.26	4,263
Other										
2012	130	6,179	5,680	126	11,985	87	1.85	3.90	6.85	34,446
2013	125	6,746	7,747	138	14,631	94	1.65	3.77	7.12	41,320
2014	127	6,094	7,491	429	14,014	95	1.76	3.82	6.75	42,237
2015	124	5,889	5,994	252	12,135	93	1.86	4.32	9.68	39,287
2018	135	6,303	6,691	313	13,307	92	1.72	4.51	9.09	43,863

Selected Floriculture Crops: Value of Sales, 2018



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	19,629	2018	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	4,548	2018	1,104	1929	1924
Hogs and pigs ¹	1,000 head	1,397	1943	512	1934	1867
Honey	1,000 pounds	11,780	1939	3,915	2017	1921
Milk	Million pounds	11,231	2017	3,941	1927	1924
Sheep	1,000 head	3,100	1867	62	1999	1867
Wool	1,000 pounds	8,424	1934	325	2018	1934

¹ December 1.

² December 1 previous year to November 30.

Cattle and Calves

Cattle and calves: Number on farms by class, January 1, 2015-2019

Class	2015	2016	2017	2018	2019
	<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	510	520	545	530	530
Beef cows	107	108	120	102	108
Milk cows	403	412	425	428	422
Heifers, 500 pounds and over	225	230	235	230	225
Beef cow replacement	23	27	25	24	25
Milk cow replacement	167	172	170	176	160
Other	35	31	40	30	40
Steers, 500 pounds and over	170	170	169	180	170
Bulls, 500 pounds and over	15	15	16	15	15
Calves, under 500 pounds	200	205	215	205	210
All cattle and calves	1,120	1,140	1,180	1,160	1,150

Cattle and calves: Balance sheet, 2014-2018

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>
2014	1,130	385	60	339	45	3	23	45	1,120
2015	1,120	390	59	318	41	3	24	43	1,140
2016	1,140	410	81	338	41	3	24	45	1,180
2017	1,180	410	55	375	41	3	23	43	1,160
2018	1,160	420	60	380	41	3	22	44	1,150

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

² Excludes custom slaughter for farmers at commercial establishments.

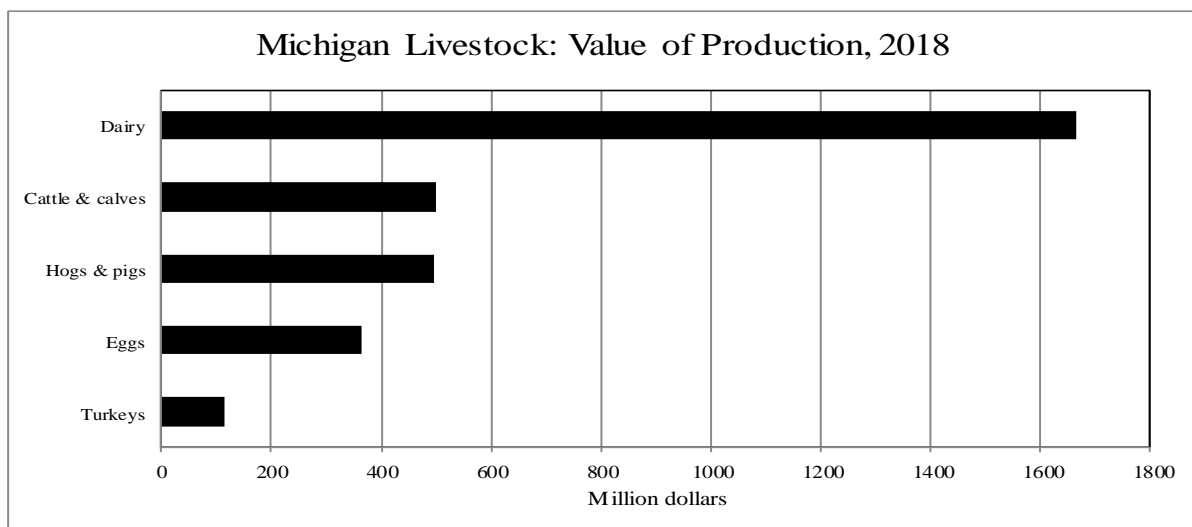
Cattle and calves: Production and income, 2014-2018

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>
2014	432,312	465,850	621,183	679,256	20,649	699,905
2015	433,490	441,800	603,120	624,664	19,331	643,995
2016	469,680	476,000	505,309	529,060	15,704	544,764
2017	493,986	527,800	524,718	575,344	15,165	590,509
2018	498,604	535,800	500,164	553,716	14,148	567,864

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.

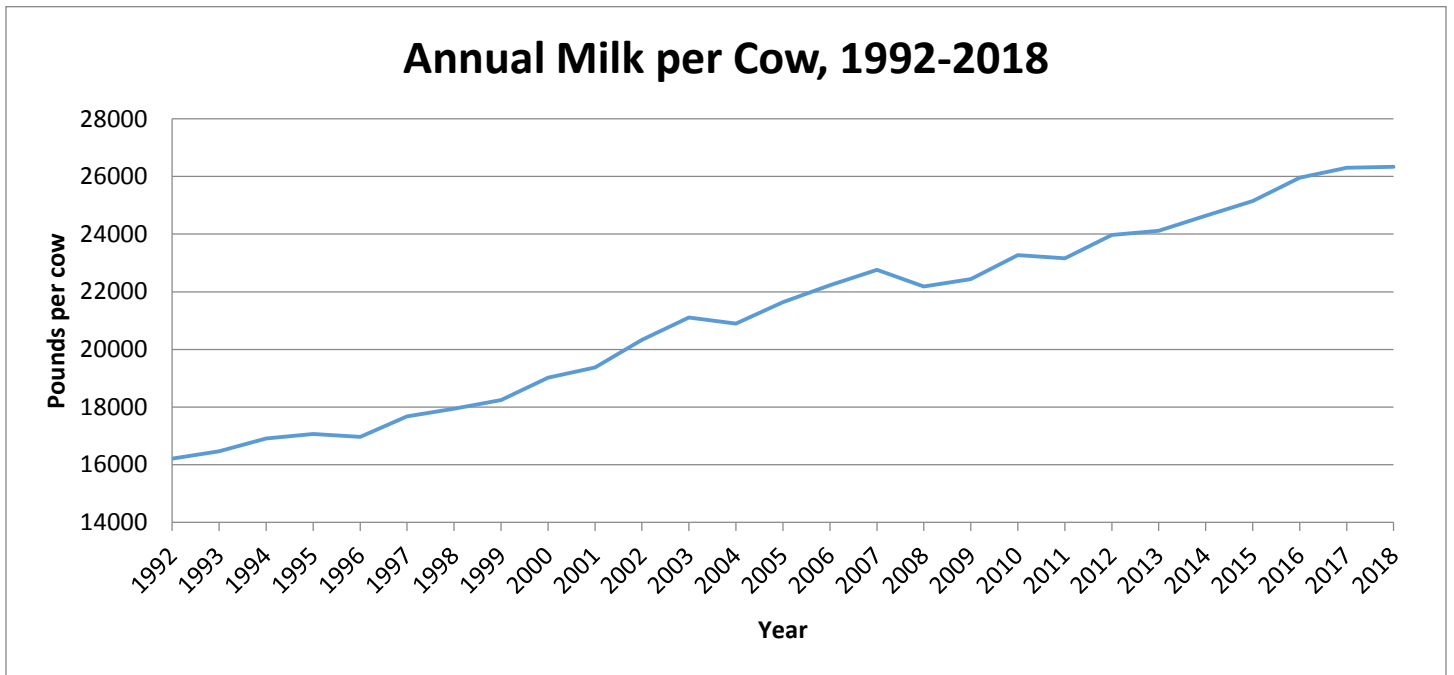


Dairy

Milk: Production, utilization, marketings, and value, 2014-2018

Item	Unit	2014	2015	2016	2017	2018
Production						
Total milk produced on farms	Million pounds	9,609	10,261	10,876	11,231	11,168
Milkfat produced	Million pounds	355.5	375.6	399.1	417.8	426.6
Milkfat	Percent	3.70	3.66	3.67	3.72	3.82
Utilization						
Milk used where produced						
Fed to calves	Million pounds	24	26	32	33	34
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	24.10	16.60	15.10	16.40	14.90
Average return per pound milkfat	Dollars	6.51	4.54	4.11	4.41	3.90
Fluid grade	Percent	100	100	100	100	100
Total cash receipts	1,000 dollars	2,309,503	1,698,678	1,637,142	1,836,144	1,658,668
Value						
Value of milk used where produced ¹	1,000 dollars	6,266	332	302	328	298
Total value of milk produced	1,000 dollars	2,315,769	1,703,326	1,642,276	1,841,884	1,664,032

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



Milk cows: Number by month, 2014-2018

Month	2014	2015	2016	2017	2018
	<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	381	403	413	425	428
February	381	403	414	425	427
March	381	403	416	425	425
April	383	404	417	426	423
May	384	407	418	427	423
June	387	408	419	427	423
July	394	409	420	427	423
August	394	410	422	428	423
September	396	410	422	428	422
October	397	410	422	428	422
November	399	411	423	428	422
December	402	412	425	428	422
Annual	390	408	419	427	424

Milk production: Total by month, 2014-2018

Month	2014	2015	2016	2017	2018
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
January	779	846	896	931	937
February	716	766	849	863	860
March	796	858	924	963	961
April	789	848	903	948	935
May	824	893	955	989	986
June	807	871	922	948	948
July	835	888	932	963	948
August	833	877	920	954	948
September	792	826	880	899	893
October	816	861	903	935	926
November	786	843	882	905	895
December	836	884	910	933	931
Annual	9,609	10,261	10,876	11,231	11,168

Milk: Production per cow, by month, 2014-2018

Month	2014	2015	2016	2017	2018
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
January	2,045	2,100	2,170	2,190	2,190
February	1,880	1,900	2,050	2,030	2,015
March	2,090	2,130	2,220	2,265	2,260
April	2,060	2,100	2,165	2,225	2,210
May	2,145	2,195	2,285	2,315	2,330
June	2,085	2,135	2,200	2,220	2,240
July	2,120	2,170	2,220	2,255	2,240
August	2,115	2,140	2,180	2,230	2,240
September	2,000	2,015	2,085	2,100	2,115
October	2,055	2,100	2,140	2,185	2,195
November	1,970	2,050	2,085	2,115	2,120
December	2,080	2,145	2,140	2,180	2,205
Annual	24,638	25,150	25,957	26,302	26,340

Dairy Products, by Region, 2014-2018

Product	Region	2014	2015	2016	2017	2018
		<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Cheese, total ¹	Central	5,064.2	5,293.5	5,493.3	5,859.5	6,000.2
Cheese, American type ²	Central	2,188.4	2,250.2	2,300.3	2,581.5	2,637.3
Cheese, Italian	Central	1,899.2	2,025.1	2,136.6	2,202.0	2,250.2
Butter	Central	741.1	732.6	756.2	781.9	777.6
Cottage cheese, lowfat	Central	128.0	129.5	131.0	128.0	128.4
Cottage cheese, creamed	Central	141.1	151.9	161.2	168.9	181.9
Cottage cheese curd	Central	158.5	171.6	174.1	175.8	190.8
Yogurt, plain and flavored	Central	2,058.0	2,074.1	1,977.6	1,843.3	1,847.5
Condensed skim milk, unsweetened, bulk	Central	606.9	741.7	748.6	738.4	746.7
Nonfat dry milk for human food	Central	283.1	303.9	341.1	357.2	331.8
Dry whey for human food	Central	407.3	450.0	450.2	486.8	448.6
		<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	424,415	411,813	420,463	429,482	422,628
Ice cream, lowfat, total	Central	245,295	278,528	287,154	297,454	293,829
Sherbet, hard	Central	23,076	23,121	21,546	20,968	19,812
Frozen yogurt mix	Central	11,118	14,437	13,388	12,497	10,661
Ice cream mix, regular	Central	241,364	237,097	241,522	251,235	254,526
Ice cream mix, lowfat	Central	160,400	170,417	166,049	168,044	171,542
Ice cream mix, lowfat	Michigan	16,373	15,189	12,252	13,047	18,762
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Number of Plants	United States	1,269	1,273	1,298	1,305	1,273
Number of Plants	Michigan	51	52	51	51	50

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

Milk and milk cow replacement prices received by farmers, 2018-2019

Month	Milk cows per head ¹	All milk wholesale per cwt
	<i>Dollars</i>	<i>Dollars</i>
2018		
January	1,500	14.90
February		13.80
March		14.10
April	1,300	14.50
May		14.80
June		14.80
July	1,300	14.20
August		14.60
September		15.40
October	1,200	16.50
November		16.10
December		15.60
2019		
January	1,180	15.70
February		15.80
March		16.50
April	1,180	16.40
May		16.80
June		16.90
July	1,250	17.30
August		17.60
September		17.90
October		
November		
December		

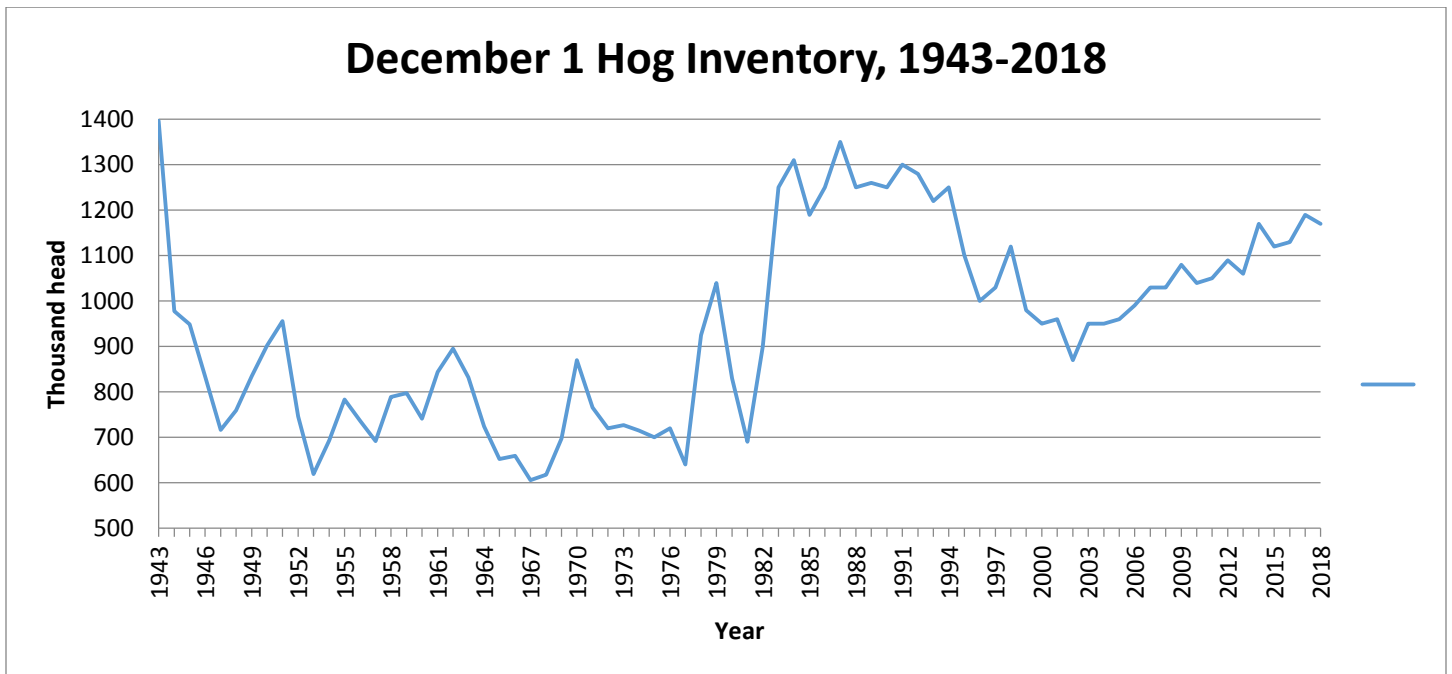
¹ Sold for dairy herd replacement only. Prices published January, April, July, and October.

Hogs and Pigs

Hogs and pigs: Inventory, 2015-2019

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							
2015	295	235	260	240	1,030	110	1,140
2016	290	260	260	250	1,060	110	1,170
2017	285	245	240	230	1,000	110	1,110
2018	320	265	245	250	1,080	120	1,200
2019	330	300	225	265	1,120	120	1,240
June 1							
2015	275	255	240	220	990	110	1,100
2016	305	255	240	240	1,040	110	1,150
2017	290	240	245	225	1,000	110	1,110
2018	310	290	220	260	1,080	120	1,200
2019	320	320	230	260	1,130	120	1,250
September 1							
2015	295	250	215	230	1,000	110	1,110
2016	310	270	235	235	1,035	105	1,140
2017	310	260	250	250	1,070	120	1,190
2018	330	290	220	260	1,100	120	1,220
2019	300	300	240	280	1,120	120	1,240
December 1							
2015	275	250	240	245	1,010	110	1,120
2016	300	265	215	240	1,020	110	1,130
2017	330	240	245	255	1,070	120	1,190
2018	310	280	210	250	1,050	120	1,170
2019 ¹							

¹ Published in December 2019.



Hogs and pigs: Sows farrowing and pig crop, 2014-2019

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>
2015	52	10.50	546	50	10.70	535
2016	51	10.60	541	48	10.50	504
2017	50	10.40	520	51	10.50	536
2018	53	10.70	567	53	10.90	578
2019	56	10.90	610	54	11.00	594
	June-August			September-November		
2015	52	11.00	572	51	10.70	546
2016	50	10.50	525	49	10.60	519
2017	54	10.80	583	53	10.90	578
2018	57	10.80	616	54	10.50	567
2019	53	11.10	588			

¹ December of previous year.

Hogs and pigs: Balance sheet, 2014-2018

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>
2014	1,060	1,970	250	2,044	2	64	1,170
2015	1,170	2,199	250	2,429	2	68	1,120
2016	1,120	2,089	300	2,305	2	72	1,130
2017	1,130	2,217	540	2,622	2	73	1,190
2018	1,190	2,328	172	2,437	2	71	1,170

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, 2014-2018

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>
2014	523,468	516,710	392,522	397,367	807	398,174
2015	617,982	630,370	339,815	353,600	619	354,219
2016	588,788	595,869	294,849	305,088	578	305,666
2017	679,854	681,900	358,720	373,227	607	373,834
2018	857,981	863,500	495,817	502,505	590	503,095

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

Honey: Production and value, 2014-2018 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>
2014	91	63	5,733	249	14,275	1,835
2015	90	58	5,220	244	12,737	1,984
2016	89	60	5,340	237	12,656	1,709
2017	87	45	3,915	242	9,474	822
2018	92	44	4,048	237	9,594	729

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, 2015-2019

Year	2015	2016	2017	2018	2019
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Pelts produced	60,250	64,500	78,340	63,200	(¹)
Females bred to produce kits	17,550	17,640	19,900	17,180	17,340

¹ Published in July 2020.

Poultry

Chickens: Layers on hand, December 1, 2014-2018

Class	2014	2015	2016	2017	2018
	<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	13,192	13,249	14,193	14,737	16,149
Pullets not of laying age	2,819	3,704	3,937	3,655	3,476
Other chickens	0	0	3	4	4
All chickens (excluding broilers)	16,011	16,953	18,133	18,396	19,629

All eggs: Production and value, 2014-2018 ¹

Year	Eggs produced	Value of production
	<i>Million</i>	<i>1,000 dollars</i>
2014	3,866	325,518
2015	3,845	494,947
2016	3,964	163,234
2017	4,226	220,431
2018	4,548	364,078

¹ December 1 previous year through November 30.

All egg production, by month, 2014-2018

Month	2014	2015	2016	2017	2018
	<i>Million eggs</i>	<i>Million eggs</i>	<i>Million eggs</i>	<i>Million eggs</i>	<i>Million eggs</i>
December	324	334	329	361	369
January	310	327	331	347	365
February	291	294	318	319	343
March	343	328	345	366	394
April	326	315	333	355	383
May	323	323	335	355	388
June	316	310	320	337	368
July	330	318	332	360	382
August	331	325	325	363	394
September	326	318	312	346	381
October	328	331	337	359	391
November	318	322	346	358	389
Total ¹	3,866	3,845	3,964	4,226	4,548

¹ December 1 previous year through November 30. Sum of months may not add to total due to rounding.

All layers: Average number on hand during the month, 2014-2018

Month	2014	2015	2016	2017	2018
	<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	12,986	13,093	13,138	14,109	14,747
January	12,708	13,062	13,208	14,079	14,857
February	12,962	13,147	13,383	14,331	15,301
March	13,282	12,916	13,313	14,375	15,554
April	13,123	12,710	13,130	14,286	15,249
May	12,991	12,780	12,954	14,338	15,074
June	13,097	12,904	13,109	14,326	15,157
July	13,082	13,069	13,336	14,335	15,262
August	12,974	12,991	13,225	14,125	15,671
September	12,982	12,771	13,369	14,041	15,926
October	13,103	12,843	13,961	14,320	15,845
November	13,200	13,120	14,238	14,601	16,003
Annual ¹	13,041	12,951	13,364	14,272	15,387

¹ December 1 previous year through November 30. Sum of months may not add to total due to rounding.

Turkeys: Number raised and production, 2014-2018 ¹

Year	Number produced	Pounds produced	Value of production
	<i>Thousand birds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
2014	5,100	205,530	151,065
2015	5,200	204,880	166,158
2016	5,400	216,540	178,862
2017	5,100	206,040	133,102
2018	5,300	222,070	113,256

¹ December 1 previous year through November 30.

Sheep and Goats

Sheep and lambs: Number on farms by class, January 1, 2015-2019

Class	2015	2016	2017	2018	2019
	<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	40	42	44	41	45
Rams	3	3	3	3	3
Replacement lambs	12	13	14	13	14
Total market sheep and lambs	21	24	24	23	24
All sheep and lambs	76	82	85	80	86

Sheep and lambs: Lamb crop, 2014-2018

Year	Breeding ewes ¹	Lambs per 100 ewes ¹	Lamb crop
	<i>1,000 Head</i>	<i>Number</i>	<i>1,000 Head</i>
2014	43	140	60
2015	40	123	49
2016	42	119	50
2017	44	111	49
2018	41	122	50

¹ Ewes 1 year and older January 1.

Sheep and lambs: Wool production and value, 2014-2018

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>
2014	63	6.0	380	86	327
2015	66	6.0	395	72	284
2016	68	6.0	405	71	288
2017	59	5.8	345	60	207
2018	55	5.9	325	65	211

**Milk goats: Number,
January 1, 2015-2019**

Year	Milk
	<i>Head</i>
2015	11,300
2016	11,800
2017	12,500
2018	11,000
2019	12,000

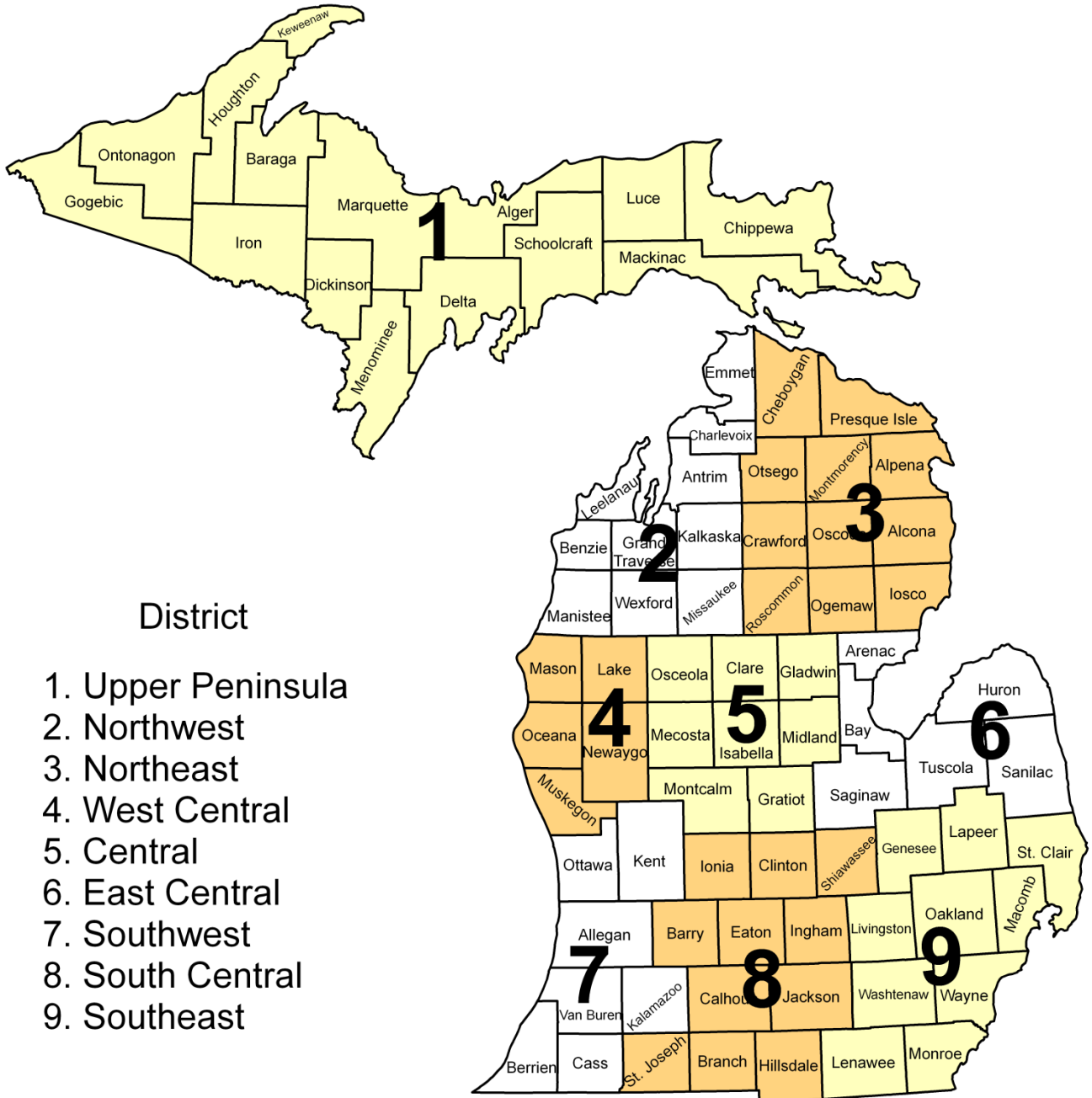
Trout

Trout: Value of fish sold and distributed, 2014-2018

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>
2014	619	966	71	17
2015	1,347	2,629	61	16
2016	1,402	5,106	193	34
2017	1,492	4,667	79	39
2018	1,511	2,565	152	39

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, 2018 ¹

Rank	Corn for grain	Dry beans	Hay ²	Oats	Soybeans	Sugarbeets	Wheat
1	Lenawee	Huron	Sanilac	Sanilac	Sanilac	Huron	Huron
2	Sanilac	Tuscola	Missaukee	Menominee	Lenawee	Sanilac	Sanilac
3	Saginaw	Sanilac	Osceola	Delta	Saginaw	Tuscola	Tuscola
4	Huron ³	Bay	Huron	Presque Isle	Shiawassee	Saginaw	Lenawee
5	Tuscola ³	Saginaw	Chippewa	Isabella	Gratiot	Bay	Saginaw

¹ Based on total production.

² Based on 2017 Census of Agriculture

³ Tied for fourth

Principal counties for livestock ¹

Rank	January 1, 2019 Cattle and calves	Hogs and pigs ²	January 1, 2019 Milk cows
1	Huron	Allegan	Huron
2	Sanilac	Cass	Clinton
3	Clinton	Mecosta	Sanilac
4	Gratiot	Kalamazoo	Allegan
5	Allegan	Ionia	Gratiot

¹ Based on number of head.

² Based on 2017 Census of Agriculture

Principal counties for fruits and vegetables, 2017 ¹

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

¹ Based on acres from 2017 Census of Agriculture.

Corn: Acreage, yield, and production, by county, 2017-2018 ¹

County and district	2017				2018			
	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	19,000	7,000	88.6	620	(D)	(D)	(D)	(D)
Upper Peninsula	19,000	7,000	88.6	620	(D)	(D)	(D)	(D)
Antrim	1,600	800	106.3	85	(D)	(D)	(D)	(D)
Benzie	1,600	1,300	126.9	165	(D)	(D)	(D)	(D)
Charlevoix	3,200	2,500	114.0	285	(D)	(D)	(D)	(D)
Grand Traverse	5,800	4,900	125.5	615	(D)	(D)	(D)	(D)
Leelanau	2,600	2,300	119.6	275	(D)	(D)	(D)	(D)
Manistee	2,400	1,900	118.4	225	(D)	(D)	(D)	(D)
Missaukee	21,500	6,400	151.6	970	(D)	(D)	(D)	(D)
Other counties	7,300	4,900	124.5	610	(D)	(D)	(D)	(D)
Northwest	46,000	25,000	129.2	3,230	(D)	(D)	(D)	(D)
Alcona	2,600	1,800	133.3	240	(D)	(D)	(D)	(D)
Alpena	6,600	4,700	104.3	490	6,500	4,300	109.3	470
Iosco	7,000	5,500	141.8	780	(D)	(D)	(D)	(D)
Montmorency	1,400	1,000	140.0	140	1,200	800	85.0	68
Ogemaw	12,500	8,600	153.5	1,320	13,500	8,400	161.9	1,360
Otsego	(D)	(D)	(D)	(D)	800	600	93.3	56
Presque Isle	(D)	(D)	(D)	(D)	6,500	4,500	120.0	540
Other counties	8,900	6,400	134.4	860	11,500	8,400	117.4	986
Northeast	39,000	28,000	136.8	3,830	40,000	27,000	128.9	3,480
Lake	(D)	(D)	(D)	(D)	1,500	1,200	108.3	130
Mason	14,000	10,800	164.8	1,780	14,300	12,000	133.3	1,600
Muskegon	(D)	(D)	(D)	(D)	14,500	9,800	134.7	1,320
Newaygo	24,000	14,000	139.3	1,950	24,000	11,000	114.5	1,260
Oceana	13,500	11,300	137.2	1,550	15,700	13,000	123.1	1,600
Other counties	14,500	10,900	142.2	1,550				
West Central	66,000	47,000	145.3	6,830	70,000	47,000	125.7	5,910
Clare	5,900	4,000	145.0	580	6,300	3,600	105.6	380
Gladwin	7,800	5,400	150.0	810	7,400	6,000	156.7	940
Gratiot	87,000	71,000	157.7	11,200	91,000	69,000	166.7	11,500
Isabella	42,000	34,300	150.7	5,170	43,500	32,000	144.1	4,610
Mecosta	26,000	21,700	133.2	2,890	25,000	20,800	114.9	2,390
Midland	18,200	17,100	167.8	2,870	21,500	20,600	165.5	3,410
Montcalm	61,000	53,000	134.2	7,110	63,000	53,500	155.7	8,330
Osceola	12,100	6,500	133.8	870	12,300	4,500	97.8	440
Central	260,000	213,000	147.9	31,500	270,000	210,000	152.4	32,000
Arenac	16,500	15,000	156.7	2,350	17,500	15,000	160.0	2,400
Bay	48,500	46,000	160.9	7,400	50,000	48,000	175.0	8,400
Huron	99,000	71,000	197.9	14,050	102,000	70,000	177.1	12,400
Saginaw	88,000	82,000	164.0	13,450	87,000	84,000	172.6	14,500
Sanilac	102,000	76,000	185.5	14,100	106,000	86,000	169.8	14,600
Tuscola	76,000	70,000	172.1	12,050	77,500	72,000	172.2	12,400
East Central	430,000	360,000	176.1	63,400	440,000	375,000	172.5	64,700

See footnote(s) at end of table.

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Corn: Acreage, yield, and production, by county, 2017-2018 ¹ (continued)

County and district	2017				2018			
	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	76,000	57,000	177.2	10,100	70,000	53,000	157.5	8,350
Berrien	47,000	44,000	176.1	7,750	48,000	47,000	163.8	7,700
Cass	78,000	72,000	158.3	11,400	71,000	70,000	145.7	10,200
Kalamazoo	58,000	52,000	157.7	8,200	(D)	(D)	(D)	(D)
Kent	37,000	28,000	162.5	4,550	39,000	32,000	154.7	4,950
Ottawa	(D)	(D)	(D)	(D)	42,000	29,000	151.7	4,400
Other counties	79,000	62,000	166.1	10,300	95,000	89,000	146.1	13,000
Southwest	375,000	315,000	166.0	52,300	365,000	320,000	151.9	48,600
Barry	42,000	32,000	170.3	5,450	42,000	30,000	148.3	4,450
Branch	84,000	80,000	155.0	12,400	84,000	80,000	152.5	12,200
Calhoun	77,000	71,000	129.6	9,200	78,000	73,000	143.8	10,500
Clinton	67,000	44,000	146.6	6,450	(D)	(D)	(D)	(D)
Eaton	53,000	51,000	166.7	8,500	55,000	54,000	149.1	8,050
Hillsdale	70,000	62,000	154.8	9,600	70,000	63,000	154.8	9,750
Ingham	50,000	45,000	153.3	6,900	54,000	47,000	142.6	6,700
Ionia	79,000	64,000	170.3	10,900	80,000	63,000	158.7	10,000
Jackson	53,000	47,000	128.7	6,050	57,000	52,000	126.9	6,600
St Joseph	80,000	75,000	122.0	9,150	79,000	76,000	123.7	9,400
Shiawassee	50,000	44,000	152.3	6,700	(D)	(D)	(D)	(D)
Other counties					126,000	97,000	137.6	13,350
South Central	705,000	615,000	148.5	91,300	725,000	635,000	143.3	91,000
Genesee	30,000	28,000	148.9	4,170	29,500	28,000	144.3	4,040
Lapeer	33,000	29,500	186.4	5,500	37,000	34,000	173.5	5,900
Lenawee	100,000	87,000	182.8	15,900	104,000	90,500	164.6	14,900
Livingston	19,000	16,700	158.1	2,640	20,000	17,700	144.1	2,550
Macomb	9,900	8,800	170.5	1,500	11,500	10,500	172.4	1,810
Monroe	57,000	55,000	170.2	9,360	51,000	50,500	168.3	8,500
Oakland	2,900	2,700	151.9	410	2,800	2,700	151.9	410
St Clair	20,000	18,200	167.6	3,050	26,500	25,500	176.5	4,500
Washtenaw	37,000	33,000	146.1	4,820	37,000	35,000	143.4	5,020
Wayne	1,200	1,100	136.4	150	700	600	116.7	70
Southeast	310,000	280,000	169.6	47,500	320,000	295,000	161.7	47,700
Other districts					70,000	31,000	110.6	3,430
Michigan	2,250,000	1,890,000	159.0	300,510	2,300,000	1,940,000	153.0	296,820

(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, 2017-2018 ¹

County and district	2017				2018			
	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>
Upper Peninsula	(D)	(D)	(D)	(D)	1,800	1,700	1,620	27.5
Gratiot	6,400	6,280	1,640	103.0	(D)	(D)	(D)	(D)
Mecosta	1,300	1,250	1,680	21.0	(D)	(D)	(D)	(D)
Montcalm	7,800	7,760	1,490	116.0	(D)	(D)	(D)	(D)
Other counties	8,900	8,610	1,590	137.0	(D)	(D)	(D)	(D)
Central	24,400	23,900	1,580	377.0	(D)	(D)	(D)	(D)
Bay	17,200	17,100	1,670	285.0	15,000	15,000	2,330	350.0
Sanilac	23,800	23,800	2,210	525.0	25,000	25,000	2,750	687.0
Tuscola	41,000	40,700	1,940	790.0	36,000	35,900	2,630	945.0
Other counties	11,900	11,900	1,800	214.0	10,500	10,400	2,200	229.0
East Central	175,500	175,000	2,110	3,693.0	157,000	156,500	2,570	4,018.0
Shiawassee	(D)	(D)	(D)	(D)	1,700	1,700	2,120	36.0
Other counties	(D)	(D)	(D)	(D)	1,300	1,300	1,460	19.0
South Central	(D)	(D)	(D)	(D)	3,000	3,000	1,830	55.0
Other districts	20,100	19,600	1,650	324.0	33,200	31,800	1,680	534.5
Michigan	220,000	218,500	2,010	4,394.0	195,000	193,000	2,400	4,635.0

(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.

Oats: Acreage, yield, and production, by county, 2017-2018 ¹

County and district	2017				2018			
	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>
Chippewa	900	670	37.2	24.9	(D)	(D)	(D)	(D)
Dickinson	500	410	41.7	17.1	(D)	(D)	(D)	(D)
Other counties	7,600	6,420	48.6	312.0	13,200	10,500	59.0	620.0
Upper Peninsula	9,000	7,500	47.2	354.0	13,200	10,500	59.0	620.0
Grand Traverse	2,800	2,670	25.0	66.7	3,100	1,600	58.2	93.1
Leelanau	(D)	(D)	(D)	(D)	500	300	46.7	14.0
Missaukee	900	380	39.5	15.0	(D)	(D)	(D)	(D)
Wexford	(D)	(D)	(D)	(D)	1,100	800	42.9	34.3
Other counties	2,600	2,330	40.0	93.3	4,100	2,100	44.6	93.6
Northwest	6,300	5,380	32.5	175.0	8,800	4,800	49.0	235.0
Cheboygan	500	480	65.0	31.2	(D)	(D)	(D)	(D)
Iosco	700	310	65.2	20.2	(D)	(D)	(D)	(D)
Other counties	6,000	4,890	59.4	290.6	11,000	7,500	54.0	405.0
Northeast	7,200	5,680	60.2	342.0	11,000	7,500	54.0	405.0
Mason	1,100	1,040	60.8	63.2	(D)	(D)	(D)	(D)
Newaygo	700	640	45.0	28.8	(D)	(D)	(D)	(D)
Other counties	800	630	57.1	36.0	5,100	2,500	62.0	155.0
West Central	2,600	2,310	55.4	128.0	5,100	2,500	62.0	155.0
Clare	600	580	57.9	33.6	900	800	63.1	50.5
Gladwin	600	540	48.0	25.9	900	800	66.5	53.2
Isabella	1,300	1,110	52.3	58.1	(D)	(D)	(D)	(D)
Mecosta	1,600	1,340	60.8	81.5	(D)	(D)	(D)	(D)
Other counties	7,800	2,710	47.2	127.9	12,600	9,400	51.7	486.3
Central	11,900	6,280	52.1	327.0	14,400	11,000	53.6	590.0

See footnote(s) at end of table.

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Oats: Acreage, yield, and production, by county, 2017-2018 ¹ (continued)

County and district	2017				2018			
	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>
Huron	2,100	1,600	90.0	144.0	(D)	(D)	(D)	(D)
Saginaw	(D)	(D)	(D)	(D)	800	600	87.3	52.4
Tuscola	(D)	(D)	(D)	(D)	1,000	600	97.2	58.3
Other counties	5,500	4,770	70.0	334.0	6,600	5,100	88.1	449.3
East Central	7,600	6,370	75.0	478.0	8,400	6,300	88.9	560.0
Allegan	600	130	33.8	4.4	(D)	(D)	(D)	(D)
Kent	1,200	850	44.5	37.8	(D)	(D)	(D)	(D)
Other counties	1,500	470	44.0	20.7	(D)	(D)	(D)	(D)
Southwest	3,300	1,450	43.4	62.9	(D)	(D)	(D)	(D)
Hillsdale	700	500	71.0	35.5	(D)	(D)	(D)	(D)
Jackson	600	400	50.0	20.0	900	400	60.3	24.1
Shiawassee	800	480	72.5	34.8	1,400	1,100	82.3	90.5
Other counties	3,100	2,450	56.2	137.7	4,500	2,200	75.2	165.4
South Central	5,200	3,830	59.5	228.0	6,800	3,700	75.7	280.0
Lapeer	500	390	66.4	25.9	(D)	(D)	(D)	(D)
Other counties	1,400	810	48.4	39.2	(D)	(D)	(D)	(D)
Southeast	1,900	1,200	54.3	65.1	(D)	(D)	(D)	(D)
Other districts					7,300	3,700	82.4	305.0
Michigan	55,000	40,000	54.0	2,160.0	75,000	50,000	63.0	3,150.0

(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.

Soybeans: Acreage, yield, and production, by county, 2017-2018 ¹

County and district	2017				2018			
	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>
Grand Traverse	(D)	(D)	(D)	(D)	1,500	1,400	43.0	60
Other counties	(D)	(D)	(D)	(D)	2,900	2,800	36.7	103
Northwest	(D)	(D)	(D)	(D)	4,400	4,200	38.8	163
Montmorency	2,800	2,800	41.8	117	(D)	(D)	(D)	(D)
Ogemaw	3,600	3,600	47.8	172	(D)	(D)	(D)	(D)
Otsego	800	800	27.5	22	(D)	(D)	(D)	(D)
Other counties	25,400	24,700	36.4	898	(D)	(D)	(D)	(D)
Northeast	32,600	31,900	37.9	1,209	(D)	(D)	(D)	(D)
Mason	6,300	6,200	46.8	290	7,200	7,200	45.8	330
Muskegon	(D)	(D)	(D)	(D)	9,100	9,000	42.8	385
Newaygo	8,000	7,900	32.3	255	8,300	8,100	39.5	320
Oceana	4,900	4,900	43.7	214	(D)	(D)	(D)	(D)
Other counties	9,700	9,700	40.9	397	7,400	7,300	37.7	275
West Central	28,900	28,700	40.3	1,156	32,000	31,600	41.5	1,310
Clare	7,200	7,100	38.2	271	(D)	(D)	(D)	(D)
Gladwin	10,200	10,100	43.9	443	(D)	(D)	(D)	(D)
Gratiot	88,500	88,400	42.5	3,754	89,200	88,500	51.6	4,569
Isabella	60,500	60,100	42.2	2,539	60,400	60,000	39.7	2,382
Mecosta	8,500	8,300	33.1	275	8,900	8,600	39.7	341
Midland	28,300	28,200	43.1	1,216	28,300	28,100	50.7	1,424
Montcalm	30,500	30,000	32.5	976	28,300	27,800	40.0	1,112
Osceola	1,300	1,300	34.6	45	(D)	(D)	(D)	(D)
Other counties					20,900	20,500	42.4	870
Central	235,000	233,500	40.8	9,519	236,000	233,500	45.8	10,698
Arenac	22,400	22,300	43.7	974	20,300	20,200	46.4	937
Bay	58,200	58,200	45.7	2,658	57,300	57,000	56.9	3,241
Huron	59,000	58,900	52.3	3,078	62,900	62,600	57.2	3,579
Saginaw	114,000	113,700	43.4	4,930	120,500	120,000	50.9	6,112
Sanilac	129,500	128,200	46.1	5,905	139,500	134,500	53.0	7,127
Tuscola	77,400	77,200	47.5	3,670	83,500	83,200	50.1	4,166
East Central	460,500	458,500	46.3	21,215	484,000	477,500	52.7	25,162
Allegan	47,000	46,900	47.8	2,243	44,400	44,200	46.7	2,063
Berrien	44,100	43,900	44.2	1,942	42,200	42,000	47.5	1,993
Cass	51,000	50,800	46.7	2,374	51,400	51,200	49.6	2,537
Kalamazoo	31,900	31,900	47.8	1,525	35,800	35,700	49.6	1,770
Ottawa	25,500	25,400	48.3	1,228	28,700	28,600	49.4	1,414
Other counties	58,500	58,100	41.9	2,437	55,500	54,800	48.7	2,670
Southwest	258,000	257,000	45.7	11,749	258,000	256,500	48.5	12,447
Barry	35,800	35,700	46.4	1,655	33,500	33,400	46.8	1,563
Branch	78,000	77,500	41.2	3,192	77,000	76,700	50.0	3,834
Calhoun	84,200	84,100	35.2	2,961	81,800	81,600	45.0	3,676
Clinton	77,500	77,200	40.4	3,117	70,500	69,400	43.4	3,010
Eaton	83,500	83,400	41.1	3,425	81,500	81,300	48.1	3,907
Hillsdale	88,000	87,900	40.7	3,578	83,000	82,600	46.2	3,815
Ingham	61,000	60,600	41.4	2,510	59,200	58,800	48.0	2,820
Ionia	67,500	67,400	42.9	2,890	66,200	66,000	51.0	3,363
Jackson	52,000	51,900	33.8	1,755	48,400	48,000	40.0	1,920
St Joseph	54,000	53,900	46.1	2,486	61,500	61,000	52.6	3,207
Shiawassee	103,500	103,400	38.7	4,001	98,400	98,200	47.7	4,680
South Central	785,000	783,000	40.3	31,570	761,000	757,000	47.3	35,795

See footnote(s) at end of table.

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Soybeans: Acreage, yield, and production, by county, 2017-2018 ¹ (continued)

County and district	2017				2018			
	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	50,000	49,700	34.8	1,728	44,500	44,300	44.2	1,959
Lapeer	41,000	40,700	41.3	1,682	48,000	47,700	44.7	2,132
Lenawee	128,000	127,900	46.3	5,927	132,000	131,400	51.6	6,776
Livingston	20,000	19,900	42.3	841	18,800	18,100	47.7	864
Macomb	24,000	23,800	40.4	962	27,900	27,800	47.6	1,324
Monroe	86,500	86,400	45.2	3,908	83,800	83,500	45.1	3,765
Oakland	3,500	3,500	32.6	114	3,700	3,700	43.5	161
St Clair	63,000	62,700	40.6	2,543	70,500	70,200	44.9	3,150
Washtenaw	51,000	50,900	38.6	1,966	49,700	49,300	43.1	2,126
Wayne	4,500	4,500	25.8	116	3,100	3,000	39.3	118
Southeast	471,500	470,000	42.1	19,787	482,000	479,000	46.7	22,375
Other districts	8,500	7,400	36.5	270	42,600	40,700	36.6	1,490
Michigan	2,280,000	2,270,000	42.5	96,475	2,330,000	2,310,000	47.5	109,725

(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.

Sugarbeets: Acreage, yield, and production, by county, 2017-2018 ¹

County and district	2017				2018			
	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>
Gladwin	700	700	23.1	16.2	(D)	(D)	(D)	(D)
Gratiot	9,000	8,400	21.5	181.0	9,100	9,000	30.3	273.0
Midland	2,800	2,600	20.6	53.6	3,100	3,100	26.3	81.6
Montcalm	800	800	27.0	21.6	700	600	26.3	15.8
Other counties	600	600	26.0	15.6	800	800	27.0	21.6
Central	13,900	13,100	22.0	288.0	13,700	13,500	29.0	392.0
Arenac	2,200	2,200	25.9	57.0	2,300	2,100	28.6	60.0
Bay	13,100	13,100	20.5	268.0	11,400	11,200	28.3	317.0
Huron	50,900	50,900	26.5	1,350.0	51,000	50,000	28.5	1,425.0
Saginaw	14,200	14,000	24.3	340.0	15,200	14,900	31.2	465.0
Sanilac	25,400	25,400	27.0	685.0	30,300	29,800	28.5	849.0
Tuscola	19,200	19,200	26.1	501.0	20,800	20,400	31.1	634.0
East Central	125,000	124,800	25.6	3,201.0	131,000	128,400	29.2	3,750.0
Shiawassee	900	900	17.8	16.0	(D)	(D)	(D)	(D)
Other counties	700	700	26.1	18.3	(D)	(D)	(D)	(D)
South Central	1,600	1,600	21.4	34.3	(D)	(D)	(D)	(D)
Genesee	400	400	21.0	8.4	100	100	34.0	3.4
Lapeer	1,200	1,200	24.0	28.8	1,000	900	27.0	24.3
St Clair	1,500	1,500	23.7	35.6	1,700	1,700	26.0	44.2
Other counties	-	-	-	-	-	-	-	-
Southeast	3,100	3,100	23.5	72.8	2,800	2,700	26.6	71.9
Other districts	400	400	19.8	7.9	2,500	2,400	26.7	64.1
Michigan	144,000	143,000	25.2	3,604.0	150,000	147,000	29.1	4,278.0

- Represents zero.

(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.

Wheat: Acreage, yield, and production, by county, 2017-2018 ¹

County and district	2017				2018			
	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>
Montmorency	1,000	800	57.5	46	(D)	(D)	(D)	(D)
Ogemaw	4,000	3,400	59.7	203	3,700	3,600	64.7	233
Otsego	1,000	850	45.5	39	1,100	900	60.0	54
Other counties	12,900	11,750	49.6	582	12,200	11,500	47.4	545
Northeast	18,900	16,800	51.8	870	17,000	16,000	52.0	832
Mason	4,400	3,500	57.1	200	5,000	4,700	66.0	310
Muskegon	(D)	(D)	(D)	(D)	2,200	900	72.2	65
Newaygo	2,100	1,600	71.9	115	3,300	1,700	68.8	117
Other counties	6,000	2,900	71.4	207	3,000	2,700	65.9	178
West Central	12,500	8,000	65.3	522	13,500	10,000	67.0	670
Clare	1,200	1,050	62.6	66	1,400	1,300	55.0	72
Gratiot	16,800	15,300	77.3	1,182	18,700	18,500	86.0	1,591
Isabella	12,800	11,700	73.7	862	13,300	12,700	71.0	902
Mecosta	3,100	3,000	71.7	215	(D)	(D)	(D)	(D)
Midland	3,200	2,900	70.3	204	3,500	3,400	75.6	257
Osceola	(D)	(D)	(D)	(D)	1,300	1,200	57.9	70
Other counties	17,700	15,950	68.5	1,093	22,300	21,900	72.7	1,593
Central	54,800	49,900	72.6	3,622	60,500	59,000	76.0	4,484

See footnote(s) at end of table.

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Wheat: Acreage, yield, and production, by county, 2017-2018 ¹ (continued)

County and district	2017				2018			
	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	6,500	6,200	70.0	434	7,000	6,800	66.0	449
Bay	12,500	11,500	79.6	915	13,000	12,000	85.0	1,020
Huron	70,000	64,000	99.9	6,395	70,000	60,000	83.1	4,986
Saginaw	19,400	17,800	75.5	1,344	19,000	18,500	80.0	1,480
Sanilac	46,000	40,400	91.7	3,705	48,000	43,000	83.1	3,574
Tuscola	33,100	31,100	88.2	2,744	31,000	29,700	78.0	2,317
East Central	187,500	171,000	90.9	15,537	188,000	170,000	81.3	13,826
Allegan	(D)	(D)	(D)	(D)	4,900	4,700	70.0	329
Berrien	(D)	(D)	(D)	(D)	1,300	1,300	65.7	85
Cass	1,400	1,300	65.1	85	(D)	(D)	(D)	(D)
Kalamazoo	2,100	2,100	69.5	146	(D)	(D)	(D)	(D)
Kent	5,500	4,420	66.1	292	5,500	5,300	68.1	361
Ottawa	3,500	3,100	55.8	173	3,900	3,300	73.9	244
Other counties	13,500	4,580	66.2	303	10,400	5,400	62.0	335
Southwest	26,000	15,500	64.5	999	26,000	20,000	67.7	1,354
Barry	4,100	3,400	61.8	210	5,000	4,500	66.0	297
Branch	2,400	2,400	65.8	158	2,500	2,400	60.0	144
Calhoun	4,100	3,700	73.8	273	4,000	3,800	60.0	228
Clinton	17,300	16,500	76.0	1,254	20,000	19,500	83.0	1,619
Eaton	10,600	9,500	59.9	569	12,000	11,500	68.0	782
Hillsdale	9,700	8,780	86.9	763	10,000	9,800	70.0	686
Ingham	9,000	7,900	72.8	575	11,500	11,300	75.5	853
Ionia	10,900	10,500	79.2	832	12,000	11,500	86.0	989
Jackson	7,300	6,600	75.8	500	7,000	6,800	70.0	476
St Joseph	4,200	620	83.9	52	3,500	900	60.0	54
Shiawassee	15,500	13,800	63.6	878	22,500	22,000	76.0	1,672
South Central	95,100	83,700	72.4	6,064	110,000	104,000	75.0	7,800
Genesee	4,700	4,530	63.1	286	5,500	5,300	79.1	419
Lapeer	5,100	5,000	71.6	358	4,500	4,400	69.1	304
Lenawee	24,200	23,500	83.8	1,969	28,000	27,300	80.0	2,184
Livingston	4,500	4,400	68.9	303	4,500	4,400	80.0	352
Macomb	2,300	2,070	76.8	159	2,000	1,900	75.3	143
Monroe	17,000	16,000	77.7	1,243	19,000	18,300	73.0	1,336
St Clair	6,800	5,200	74.2	386	10,000	9,500	87.1	827
Washtenaw	9,800	9,000	78.7	708	11,000	10,500	73.0	767
Other counties	800	800	68.8	55	1,500	1,400	75.0	105
Southeast	75,200	70,500	77.5	5,467	86,000	83,000	77.6	6,437
Other districts	10,000	9,600	51.5	494	9,000	8,000	39.6	317
Michigan	480,000	425,000	79.0	33,575	510,000	470,000	76.0	35,720

(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.

Cattle: January 1, by county, 2018-2019

County	All cattle and calves		Milk cows		County	All cattle and calves		Milk cows	
	2018	2019	2018	2019		2018	2019	2018	2019
	<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	4,400	4,400	1,500	1,500	Manistee	1,800	1,800	(D)	(D)
Alger	2,000	2,000	500	500	Marquette	1,500	1,500	500	500
Allegan	50,000	50,000	22,500	22,500	Mason	9,900	9,900	2,800	2,800
Alpena	9,100	9,100	3,500	3,500	Mecosta	16,400	16,200	5,200	5,100
Antrim	4,500	4,500	(D)	(D)	Menominee	18,100	17,900	7,500	7,400
Arenac	8,400	8,400	3,500	3,500	Midland	7,400	7,400	(D)	(D)
Baraga	(D)	(D)			Missaukee	32,000	32,000	17,000	17,000
Barry	32,000	32,000	15,500	15,400	Monroe	3,700	3,700	700	700
Bay	5,300	5,300	1,800	1,800	Montcalm	27,000	26,500	11,200	10,800
Benzie	1,100	1,100			Montmorency	2,200	2,200	700	700
					Muskegon	13,500	13,400	6,500	6,400
Berrien	4,400	4,400	1,200	1,200					
Branch	12,300	12,300	4,000	3,900	Newaygo	28,000	28,000	14,100	13,700
Calhoun	14,000	14,000	4,800	4,800	Oakland	(D)	(D)	(D)	(D)
Cass	4,500	4,500	600	600	Oceana	8,500	8,500	3,200	3,200
Charlevoix	3,300	3,300	800	800	Ogemaw	16,700	16,600	7,300	7,300
Cheboygan	5,500	5,500	900	900	Ontonagon	1,900	1,900	(D)	(D)
Chippewa	6,500	6,500	800	800	Osceola	20,000	19,500	7,000	6,900
Clare	9,400	9,400	2,900	2,900	Oscoda	3,700	3,700	1,200	1,200
Clinton	61,000	61,000	32,000	31,000	Otsego	1,300	1,300	(D)	(D)
Crawford	(D)	(D)			Ottawa	42,000	42,000	15,000	14,800
Delta	7,100	7,100	1,700	1,700	Presque Isle	5,100	5,100	1,300	1,300
Dickinson	2,700	2,700	500	500	Roscommon	(D)	(D)		
Eaton	12,300	12,200	2,200	2,200	Saginaw	8,100	8,100	3,000	2,900
Emmet	3,800	3,800	300	300	Sanilac	70,000	69,000	28,000	27,000
Genesee	5,800	5,800	1,500	1,500	Schoolcraft	(D)	(D)	(D)	(D)
Gladwin	6,200	6,200	1,100	1,100	Shiawassee	18,000	17,900	6,200	6,200
Gogebic	(D)	(D)			Tuscola	22,000	22,000	7,000	7,000
Grand Traverse	3,100	3,100	200	200	Van Buren	12,800	12,800	6,000	6,000
Gratiot	53,000	52,000	21,000	21,000					
Hillsdale	26,500	26,500	12,000	11,500	Washtenaw	9,800	9,800	2,400	2,300
					Wayne	(D)	(D)		
Houghton	1,600	1,600	400	400	Wexford	3,500	3,500	1,000	1,000
Huron	145,000	140,000	46,000	46,000					
Ingham	15,800	15,800	5,800	5,800	Other counties	4,900	4,900	6,100	6,000
Ionia	49,000	48,500	20,000	19,000					
Iosco	6,900	6,900	2,200	2,200	Michigan	1,160,000	1,150,000	428,000	422,000
Iron	1,200	1,200							
Isabella	25,000	25,000	8,000	8,000					
Jackson	15,400	15,300	3,500	3,400					
Kalamazoo	12,800	12,800	6,000	6,000					
Kalkaska	700	700	(D)	(D)					
Kent	28,500	28,500	9,000	8,900					
Keweenaw	(D)	(D)							
Lake	2,000	2,000	(D)	(D)					
Lapeer	15,400	15,300	3,500	3,400					
Leelanau	2,100	2,100	200	200					
Lenawee	34,500	34,000	14,000	14,000					
Livingston	7,300	7,300	2,100	2,000					
Luce	(D)	(D)							
Mackinac	3,000	3,000	900	900					
Macomb	4,900	4,900	700	700					

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

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 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	www.asparagus.org
Blueberries-The Blueberry People	www.blueberries.com
Cattle-Michigan Beef Industry Commission	www.mibeef.org
Celery-Michigan Celery Promotion Co-operative, Inc.	www.michigancelery.com
Cherries-Cherry Industry Administrative Board (CIAB)	www.cherryboard.org
Cherries-Cherry Marketing Institute	www.choosecherries.com
Corn-Michigan Corn	www.micorn.org
Dairy-Michigan Milk Producers Association (MMPA)	www.mimilk.com
Dairy-United Dairy Industry of MI	www.milkmeansmore.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	www.miturkey.com

Other Related Sites

American Farm Bureau Federation	www.fb.org
GreenStone Farm Credit Services	www.greenstonefcs.com
Michigan Agritourism Association	www.michiganfarmfun.com
Michigan Food and Farming Systems-MIFFS	www.miffs.org
Michigan Market Maker	http://mi.foodmarketmaker.com
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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ASSISTANCE

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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United States Department of Agriculture

USDA, NASS, Great Lakes Region, Michigan Field Office
3001 Coolidge Rd., Suite 400
East Lansing, MI 48823

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