

**Rank in U.S. agriculture by selected commodities, 2019**

Rank	Item	Unit	Quantity	Percent of U.S.	Leading state
			<i>Thousands</i>	<i>Percent</i>	
<b>1</b>	Beans, dry, black	Cwt	1,934	38.2	Michigan
	Beans, dry, cranberry	Cwt	41	25.5	Michigan
	Cherries, tart	Pounds	170,000	64.9	Michigan
	Hostas	Pots	1,935	21.7	Michigan
	Begonias	Dollars	15,015	16.9	Michigan
	Impatiens, other	Dollars	10,104	16.2	Michigan
	Petunias	Dollars	33,943	21.6	Michigan
	Asparagus	Cwt	282	37.4	Michigan
	Cucumbers	Cwt	5,940	39.7	Michigan
	Beans dry, navy	Cwt	1,170	38.6	Michigan
	Squash	Cwt	1,720	24.1	Michigan
	Beans, dry, small red	Cwt	233	41.1	Michigan
<b>2</b>	Easter lilies	Pots	982	19.6	California
	Geraniums, cuttings	Dollars	15,790	14.2	California
<b>3</b>	Beans, dry, all	Cwt	3,662	17.6	North Dakota
	Apples	Pounds	946,000	8.6	Washington
	Alfalfa haylage and greenchop	Tons	2,080	11.4	Wisconsin
<b>4</b>	Beans, dry, light red kidney	Cwt	91	9.9	Minnesota
	Blueberries	Pounds	84,900	12.5	Washington
	Sugarbeets	Tons	4,147	14.5	Minnesota
<b>5</b>	Maple syrup	Gallons	195	4.6	Vermont
	Potatoes	Cwt	19,763	4.7	Idaho
	Pumpkins	Cwt	810	6.0	Illinois
	Snap beans	Cwt	1,602	9.7	Wisconsin
<b>6</b>	Bell peppers	Cwt	534	4.4	California
	Milk	Pounds	11,385,000	5.2	California
<b>7</b>	Cabbage	Cwt	1,530	7.0	California
	Eggs	Eggs	4,516,600	4.0	Iowa
<b>8</b>	Honey	Pounds	4,268	2.8	North Dakota
	Corn Silage	Tons	6,290	4.7	Wisconsin
<b>10</b>	Peaches	Tons	4.8	0.7	California
	Oats	Bushels	1,425	2.7	North Dakota
<b>11</b>	Milk goats, January 1, 2020	Head	12	2.7	Wisconsin
	Turkeys, raised	Head	5,400	2.2	Minnesota
<b>12</b>	Wheat, winter	Bushels	34,080	2.6	Kansas
<b>13</b>	Hogs, as of Dec. 1, 2019	Head	1,240	1.6	Iowa
<b>14</b>	Corn for grain	Bushels	236,670	1.7	Iowa
<b>15</b>	Soybeans	Bushels	70,930	2.0	Illinois
<b>17</b>	Hay, alfalfa	Tons	1,375	2.5	Montana
<b>18</b>	Sheep, January 1, 2020	Head	85	1.6	Texas
<b>20</b>	Cash receipts	Dollars	7,412,467	2.0	California
<b>30</b>	Cattle, January 1, 2020	Head	1,150	1.2	Texas

# Farm Economics

## Number of farms and land in farms by economic sales class, 2015-2019 <sup>1</sup>

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>	
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	
2019	24.50	14.00	3.20	2.15	3.15	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>
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
2019	1.25	1.60	1.30	1.30	4.35	9.80	209

<sup>1</sup> 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, 2016-2020

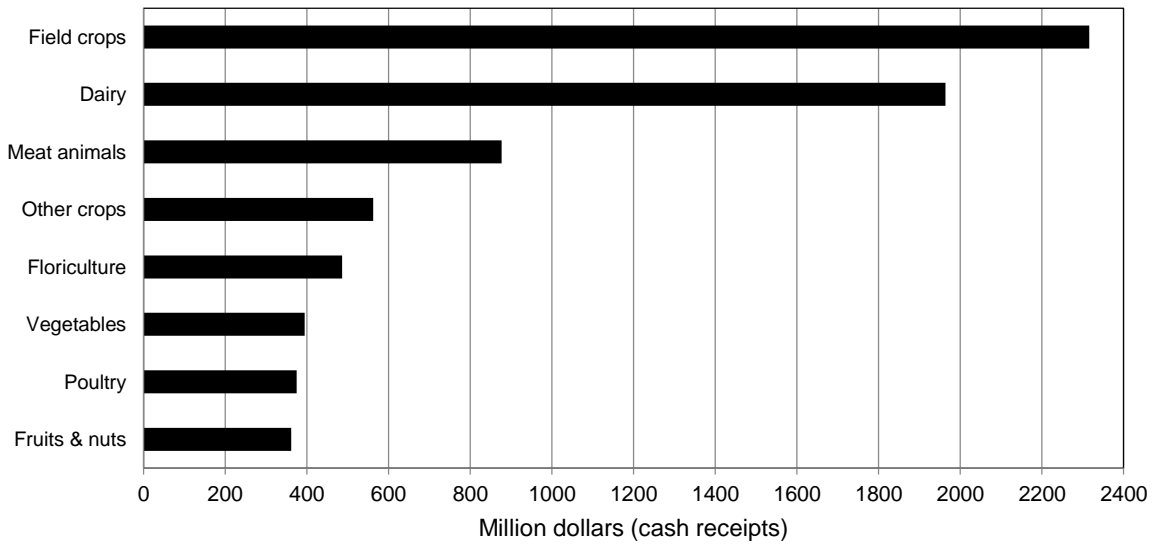
Year	Farm real estate average value per acre	Cropland		Pasture
		Average value per acre	Average cash rent per acre	Average value per acre
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
2016	4,900	4,590	127	2,650
2017	4,940	4,580	123	2,620
2018	4,960	4,510	123	2,600
2019	4,960	4,500	127	2,590
2020	4,950	4,480	128	2,600

## Government payments, 2015-2019 <sup>1</sup>

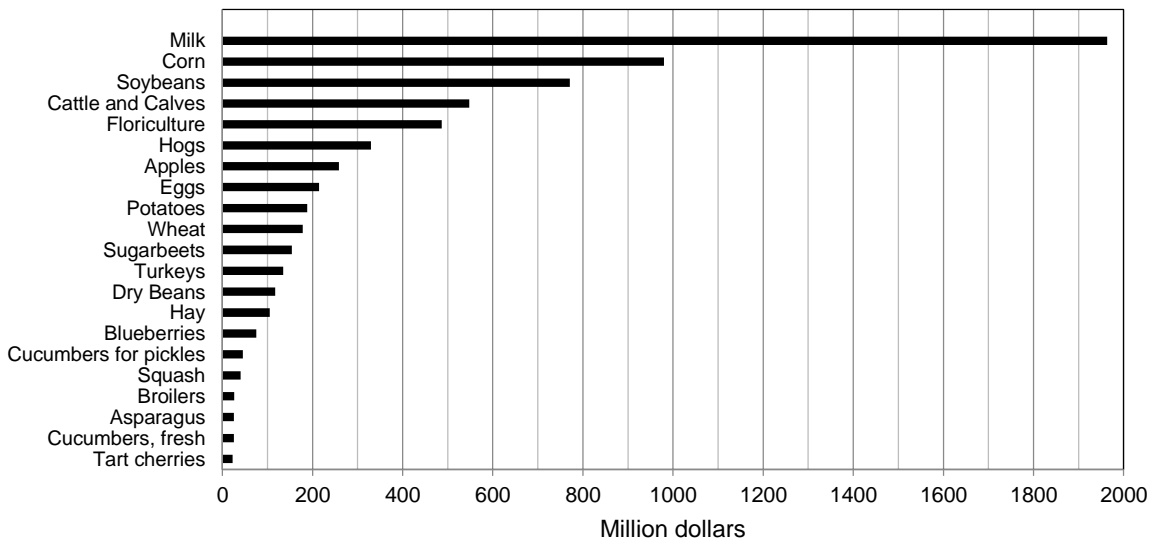
Program	2015	2016	2017	2018	2019
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Market Facilitation program				110,829	278,320
Conservation programs	39,526	34,269	38,564	39,223	44,216
BMAC-Biomass crop assistance	151	81	30	0	0
Direct payments	-154	-230	122	26	-8
Counter-cyclical payments	-2	0	0	0	0
Loan deficiency payments	-5	1	0	0	0
Miscellaneous programs	-1	0	195	147	207
Ad Hoc and emergency programs	2,864	5,016	2,373	1,449	31,303
Milk income loss payments	-15	4	-2	0	0
ACRE	0	0	0	-1	0
ARC-Agricultural Risk Coverage	144,743	152,873	149,528	60,448	13,363
PLC-Price Loss Coverage	0	3,180	9,764	6,740	2,754
Dairy Margin Coverage Program	49	213	0	13,397	14,610
Total	187,155	195,406	200,576	232,258	384,764

<sup>1</sup> Source: U.S. Department of Agriculture, Economic Research Service.

### Major Michigan Commodity Groups, 2019



### Top 20 Commodities in Cash Receipts, 2019



**Value added to the economy by the Michigan agricultural sector 2015-2019 <sup>1</sup>**

Item <sup>2</sup>	2015	2016	2017	2018	2019
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Value of crop production	4,301.2	4,316.2	4,028.6	4,117.7	3,672.9
Food grains	214.3	198.1	167.7	189.1	186.6
Feed crops	1,335.7	1,156.8	1,071.0	1,062.0	1,086.8
Oil crops	813.9	1,027.5	919.2	834.1	771.0
Fruits and tree nuts	437.0	566.3	479.4	405.9	361.7
Vegetables, potatoes, dry beans	608.9	567.8	599.0	593.1	511.8
All other crops	1,000.6	1,016.5	999.9	1,101.1	1,203.5
Home consumption	6.8	3.5	4.4	2.6	2.3
Value of inventory adjustment <sup>3</sup>	-115.8	-220.2	-211.9	-70.2	-450.9
Value of livestock production	3,470.9	2,971.2	3,231.5	3,114.1	3,293.1
Meat animals	978.3	834.1	948.6	863.0	877.3
Dairy products	1,698.7	1,637.1	1,836.1	1,659.1	1,963.4
Poultry and eggs	685.5	365.2	382.4	504.9	375.0
Miscellaneous livestock	71.0	68.9	75.9	75.0	75.3
Home consumption	8.7	7.5	6.4	8.9	7.8
Value of inventory adjustment <sup>3</sup>	28.9	58.3	-17.8	3.1	-5.7
Farm related income	1,141.9	930.3	891.3	975.4	1,183.1
Forest products sold	22.0	23.0	17.9	11.9	12.2
Machine hire and custom work	191.2	101.3	85.3	188.2	162.3
Other farm income	507.8	383.3	350.7	369.1	575.0
Gross imputed rental value-farm dwellings	420.9	422.7	437.4	406.1	433.7
Value of agricultural sector production	8,914.1	8,217.7	8,151.4	8,207.1	8,149.1
<b>less:</b> Purchased inputs	5,233.9	5,078.6	4,693.5	4,616.5	4,905.2
Farm origin	2,195.1	2,173.1	1,927.1	1,733.2	2,005.6
Feed purchased	1,275.4	1,284.4	1,177.0	965.1	1,280.6
Livestock and poultry purchased	178.4	120.0	164.0	123.7	156.8
Seed purchased	741.3	768.7	586.2	644.3	568.3
Manufactured inputs	1,457.6	1,308.3	1,251.2	1,402.8	1,331.8
Fertilizers and lime	641.6	573.2	512.1	565.6	534.4
Pesticides	332.6	328.0	327.3	349.7	318.3
Petroleum fuel and oils	353.7	285.8	293.3	340.3	320.1
Electricity	129.7	121.3	118.5	147.2	159.0
Other intermediate expenses	1,581.1	1,597.2	1,515.2	1,480.5	1,567.8
Repair and maintenance of capital items	424.6	426.7	467.0	426.3	461.2
Machine hire and custom work	131.7	95.7	106.8	64.7	138.8
Marketing, storage, and transp. expenses	229.7	202.7	229.8	224.7	205.0
Miscellaneous expenses	795.2	872.1	711.7	764.8	762.8
<b>less:</b> Contract labor	83.1	32.2	107.0	73.7	82.6
<b>plus:</b> Net government transactions	-257.8	-187.8	-126.3	-105.9	47.7
Direct Government payments	187.2	195.4	200.6	232.3	384.8
Property taxes and fees	445.0	383.2	326.9	338.2	337.1
Gross value added	3,339.3	2,919.2	3,224.6	3,411.0	3,208.9
<b>less:</b> Capital consumption	979.2	1,022.4	894.0	763.1	713.2
Net value added	2,360.1	1,896.7	2,330.6	2,647.9	2,495.7
<b>less:</b> Payments to stakeholders	1,593.8	1,823.4	1,498.7	1,784.0	1,773.9
Employee compensation (total hired labor)	922.2	1,067.9	672.6	939.4	942.1
Net rent paid to landlords	275.5	336.3	378.1	346.9	333.7
Real estate and nonreal estate interest	396.0	419.2	447.7	497.7	498.1
<b>Net farm income</b>	<b>766.3</b>	<b>73.3</b>	<b>832.1</b>	<b>863.9</b>	<b>721.8</b>

<sup>1</sup> Source: U.S. Department of Agriculture, Economic Research Service.

<sup>2</sup> 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.

<sup>3</sup> 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 2015-2019 <sup>1</sup>**

Item	2015	2016	2017	2018	2019
	<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>
<b>Total cash receipts</b>	7,843,662	7,438,342	7,479,166	7,563,792	7,412,467
<b>Total livestock and products</b>	3,433,393	2,905,413	3,242,976	3,102,032	3,290,976
Meat animals	978,264	834,148	948,571	863,000	877,300
Cattle and calves	624,664	529,060	575,344	539,586	547,797
Hogs	353,600	305,088	373,227	323,414	329,503
Dairy (milk)	1,698,678	1,637,142	1,836,144	1,659,115	1,963,777
Poultry and eggs	685,456	365,206	382,407	504,943	374,993
Miscellaneous livestock	70,994	68,917	75,855	74,974	75,305
<b>Total crops</b>	4,410,270	4,532,929	4,236,190	4,185,336	4,121,492
Field crops	2,742,380	2,685,108	2,408,023	2,476,661	2,315,527
Corn	1,195,872	1,042,656	965,582	975,778	979,587
Dry beans	159,408	110,288	109,349	129,147	117,208
Hay	136,951	112,908	103,539	92,533	104,902
Soybeans	813,868	1,027,505	919,174	928,320	770,985
Sugarbeets	216,052	191,444	139,891	165,917	153,865
Wheat	209,518	193,167	161,762	174,219	178,015
Other	10,711	7,140	8,726	10,747	10,965
Vegetables	449,470	457,389	489,675	445,939	394,630
Asparagus	19,754	22,801	26,136	23,275	25,607
Cabbage	16,269	16,012	27,221	9,610	11,569
Carrots	8,464	13,587	11,237	14,456	NA
Celery	18,897	15,966	16,636	19,471	NA
Corn, sweet (fresh)	24,102	21,818	20,930	19,256	NA
Cucumbers, fresh	13,498	27,532	23,890	22,491	25,165
Cucumbers, processing	37,642	41,614	55,849	32,927	45,395
Onions	10,053	NA	NA	NA	NA
Peppers, bell	14,896	16,354	15,318	18,220	19,674
Potatoes	173,478	170,044	179,421	177,342	188,198
Pumpkins	12,080	11,909	8,314	14,947	12,909
Snap beans, fresh	11,490	15,244	10,145	8,548	14,230
Snap beans, processing	16,376	17,019	15,753	12,972	11,381
Squash	19,543	33,570	42,838	37,072	40,502
Tomatoes, fresh	41,808	18,747	22,282	23,513	NA
Tomatoes, processing	11,120	15,172	13,705	11,839	NA
Fruits and nuts	436,971	566,297	479,378	415,224	361,709
Apples	233,288	325,195	272,310	294,420	258,604
Blueberries	98,925	130,350	116,400	70,226	75,258
Grapes	25,734	29,127	24,075	NA	NA
Peaches	5,906	9,650	10,810	12,642	5,313
Strawberries	4,375	NA	NA	NA	NA
Sweet cherries	13,570	18,185	16,090	NA	NA
Tart cherries	53,499	53,790	39,693	37,936	22,534
Other	1,674	NA	NA	NA	NA
All other crops	781,449	824,135	859,114	847,512	1,049,626
Floriculture	409,078	434,967	460,857	486,746	486,746
Miscellaneous crops <sup>2</sup>	372,371	389,168	398,257	360,766	562,880

<sup>1</sup> Source: U.S. Department of Agriculture, Economic Research Service.

<sup>2</sup> 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, 2018-2019

Item	United States		Northern Crescent <sup>1</sup>	
	2018	2019	2018	2019
	<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	631.54	668.77	617.93	669.46
Operating costs				
Seed	96.20	93.48	97.53	95.14
Fertilizer <sup>2</sup>	109.05	114.46	118.16	124.97
Chemicals	34.02	33.95	31.60	31.62
Custom operations	22.48	23.07	28.75	30.05
Fuel, lube, and electricity	30.93	30.39	29.77	28.73
Repairs	33.90	35.13	29.34	30.13
Purchased irrigation water	0.27	0.30	0.00	0.00
Interest on operating capital	3.42	3.49	3.50	3.59
Total, operating costs	330.27	334.27	338.65	344.23
Allocated overhead				
Hired labor	4.85	5.25	4.22	4.37
Opportunity cost of unpaid labor	28.14	29.68	36.19	38.38
Capital recovery-machinery & equipment	122.65	128.94	108.68	113.86
Opportunity cost of land (rental rate)	160.63	159.40	121.25	125.33
Taxes and insurance	11.79	12.19	13.61	13.95
General farm overhead	18.69	19.26	27.13	28.21
Total, allocated overhead	346.75	354.72	311.08	324.10
Total, costs listed	677.02	688.99	649.73	668.33
Value of production less total costs listed	-45.48	-20.22	-36.80	1.13
Value of production less operating costs	301.27	334.50	279.28	325.23
Supporting information				
Yield (bushels per planted acre)	184	174	173	167
Price (dollars per bushel at harvest)	3.42	3.83	3.52	3.95
Enterprise size (planted acres) <sup>3</sup>	278	278	142	142
Production practices <sup>3</sup>				
Irrigated (percent)	11	12	2	2
Dryland (percent)	89	88	98	98

<sup>1</sup> Includes NE Minnesota, Wisconsin, Michigan, NE Ohio, Central Maryland, most of Pennsylvania, New Jersey, New York, and New England.

<sup>2</sup> Includes soil conditioners and manure.

<sup>3</sup> Developed from survey base year, 2016.

### Soybean production costs and returns, 2018-2019

Item	United States		Northern Crescent <sup>1</sup>	
	2018	2019	2018	2019
	<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	444.21	391.51	427.28	369.16
Operating costs				
Seed	57.40	56.10	61.55	60.25
Fertilizer <sup>2</sup>	24.07	25.48	33.48	35.31
Chemicals	26.19	26.05	21.23	21.10
Custom operations	10.52	10.80	13.20	13.63
Fuel, lube, and electricity	14.54	14.58	12.02	12.22
Repairs	24.09	24.53	20.73	21.30
Purchased irrigation water	0.06	0.07	0.00	0.00
Interest on operating capital	1.64	1.66	1.70	1.73
Total, operating costs	158.50	159.27	163.91	165.54
Allocated overhead				
Hired labor	3.46	3.51	1.99	2.10
Opportunity cost of unpaid labor	20.57	21.61	21.09	22.24
Capital recovery-machinery & equipment	92.65	96.41	78.70	82.37
Opportunity cost of land (rental rate)	145.39	148.48	118.21	119.93
Taxes and insurance	10.74	11.02	11.22	11.49
General farm overhead	18.89	19.44	24.09	24.76
Total, allocated overhead	291.70	300.47	255.30	262.89
Total, costs listed	450.20	459.74	419.21	428.43
Value of production less total costs listed	-5.99	-68.23	8.07	-59.27
Value of production less operating costs	285.71	232.24	263.37	203.62
Supporting information				
Yield (bushels per planted acre)	51	51	49	44
Price (dollars per bushel at harvest)	8.71	8.71	8.72	8.39
Enterprise size (planted acres) <sup>3</sup>	273	273	136	136
Production practices <sup>3</sup>				
Irrigated (percent)	10	10	3	3
Dryland (percent)	90	90	97	97

<sup>1</sup> Includes NE Minnesota, Wisconsin, Michigan, NE Ohio, most of Pennsylvania, New Jersey, New York, Central Maryland, and New England.

<sup>2</sup> Includes soil conditioners and manure.

<sup>3</sup> 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	64.1	58.4	56.8	59.1	63.0
Feed, complete	114.5	110.1	102.6	105.4	107.4
Feed, concentrates	118.0	117.9	100.9	110.2	113.7
Feed, forage	98.3	86.9	90.0	103.0	110.0
Nitrogen	91.1	71.6	66.5	66.5	71.4
Potash & Phosphate	84.6	70.5	64.4	62.9	63.0
Fungicides	101.7	98.7	95.1	95.7	99.5
Herbicides	107.4	109.7	106.4	101.7	101.8
Insecticides	107.2	107.7	103.1	100.9	99.2
Seeds & Plants	124.6	121.4	119.9	118.5	116.0
Cows, milk replacement	140.3	124.7	114.3	95.6	86.3
Feeder cattle	156.4	104.7	106.5	108.1	102.9
Feeder pigs	96.7	90.2	100.9	94.5	107.1
Fuels, diesel	61.2	51.8	57.6	67.4	71.5
Fuels, gasoline	67.2	59.0	64.5	70.9	75.1
Fuels, LP gas	67.2	65.4	82.4	84.8	79.7
Machinery, self propelled	118.1	118.7	120.6	123.9	127.9
Tractors	109.6	111.1	112.6	110.9	110.3
Trucks & Autos	105.5	106.0	106.0	105.5	105.8
Building materials	107.4	107.6	110.4	116.1	118.1
Supplies & Repairs	105.8	106.0	107.9	111.6	114.7
Labor	111.9	115.9	119.1	126.3	133.2
Custom Rates	111.8	111.6	114.3	113.3	118.4
Interest	98.4	103.9	108.8	114.9	115.3
Rent	130.3	123.8	123.8	119.5	116.5
Taxes	109.9	110.7	115.5	117.1	117.9

## Farm Labor

**Hired farm workers: Annual average wage rates, 2015-2019 <sup>1</sup>**

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>
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
2019	15.04	14.88	14.40

<sup>1</sup> Lake States region (Michigan, Minnesota, and Wisconsin).



# Agricultural Exports

## Michigan agricultural exports by commodity and year <sup>1</sup>

Commodity	2017	2018	2019
	<i>Thousand dollars</i>	<i>Thousand dollars</i>	<i>Thousand dollars</i>
Prepared foods	324,918	416,487	351,344
Forest products	189,009	185,189	171,115
Dairy Products	107,255	115,881	154,835
Soybeans	146,249	178,534	137,416
Beef & beef products	102,802	104,167	76,528
Fresh vegetables	141,570	111,411	76,278
Distillers grains	50,173	72,535	75,171
Processed fruit	87,489	86,943	72,491
Pulses	77,655	68,789	67,396
Essential oils	74,883	73,791	66,283
Hides & skins	54,102	48,470	43,496
Pork & pork products	24,673	31,363	40,574
Processed vegetables	41,549	40,870	40,146
Seeds for planting	57,599	51,007	39,589
Soybean meal	23,645	27,651	30,840
Corn	18,587	33,351	25,756
Fresh fruit	18,373	22,543	23,491
Wine & beer	53,423	27,508	23,404
Feeds & fodders	13,653	15,507	16,318
Nursery products & cut flowers	9,945	9,707	10,238
Other	318,789	355,511	373,718
Total	1,936,341	2,077,215	1,916,427

<sup>1</sup> Source: U.S. Department of Agriculture, Foreign Agricultural Service

## Michigan agricultural exports: Top 10 destinations, 2018-2019 <sup>1</sup>

Country	2018	2019
	<i>Thousand dollars</i>	<i>Thousand dollars</i>
Canada	883,056	790,498
Mexico	209,563	229,103
Japan	148,347	127,439
South Korea	148,815	110,072
Thailand	117,151	104,034
China	132,522	95,858
Indonesia	59,930	65,333
Taiwan	41,155	47,016
Netherlands	31,387	40,487
Germany	29,580	23,739
Others	275,709	282,848
Total	2,077,215	1,916,427

<sup>1</sup> Source: U.S. Department of Agriculture, Foreign Agricultural Service

# Field Crops

## Field crops: Acres harvested and value of production, 2015-2019

Item	Unit	2015	2016	2017	2018	2019
Acres harvested	1,000 acres	6,319	6,314	6,246	6,264	5,345
Value of production	1,000 dollars	3,275,413	3,074,109	2,889,074	2,963,832	2,576,419

## Grain storage capacity, December 1, 2015-2019

Year	Off farm		On farm capacity
	Facilities	Rated capacity	
	Number	Million bushels	
2015	192	220	300
2016	191	225	300
2017	191	230	300
2018	187	230	300
2019	184	235	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	2,400	2018	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	1866,2019	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	2011,2019	1866
Yield per acre	Bushels	70.0	2003	18.5	1921	
Production	1,000 bu	69,388	1946	1,425	2019	
Potatoes						
Harvested acres	1,000 acres	374.0	1895	36.4	1975	1866
Yield per acre	Cwt	425.0	2019	26.0	1887,1916	
Production	1,000 cwt	23,256	1904	3,557	1876	
Soybeans						
Harvested acres	1,000 acres	2,310	2018	1	1930	1924
Yield per acre	Bushels	50.5	2016	8.0	1927	
Production	1,000 bu	109,725	2018	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	

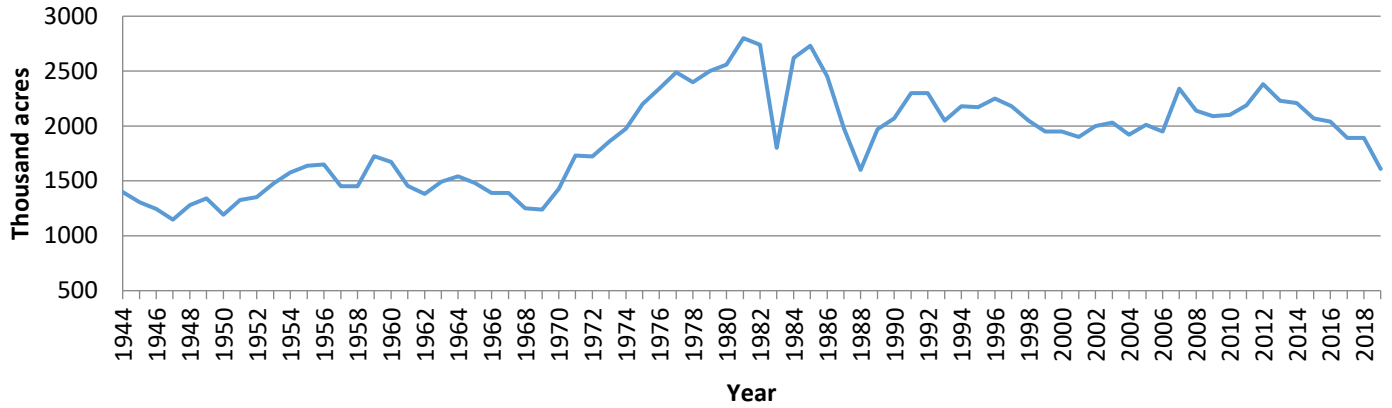
# Corn

## Corn: Acres, yield, production, and value, 2015-2019

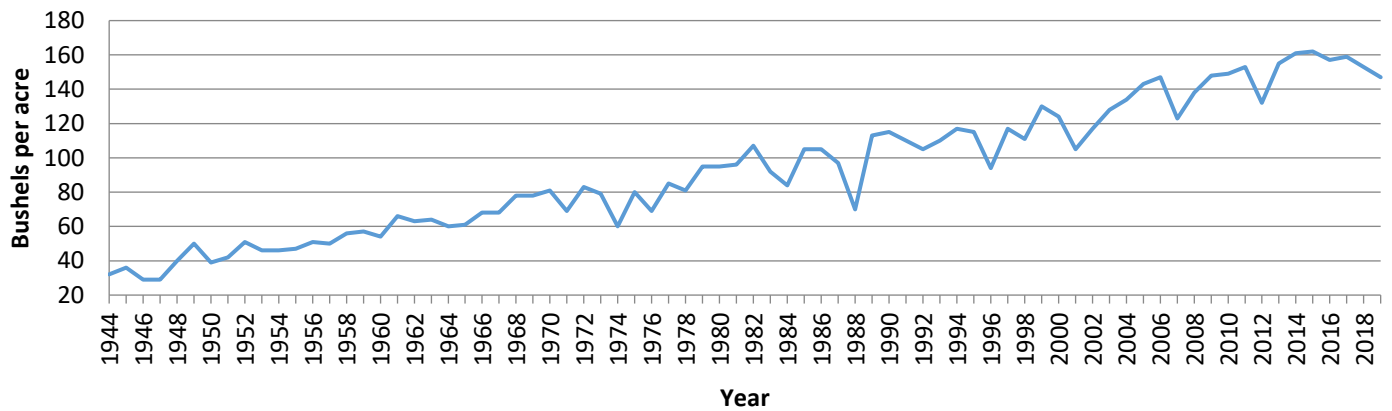
Year	Planted	Harvested	Yield	Production	Price <sup>1</sup>	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
All						
2015	2,350					
2016	2,400					
2017	2,250					
2018	2,250					
2019	2,000					
Grain						
2015		2,070	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		1,890	153	289,170	3.72	1,075,712
2019		1,610	147	236,670	3.73	959,560
Silage	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>		
2015		260	19.0	4,940		
2016		340	19.5	6,630		
2017		340	18.5	6,290		
2018		340	17.5	5,950		
2019		340	18.5	6,290		

<sup>1</sup> Marketing year average.

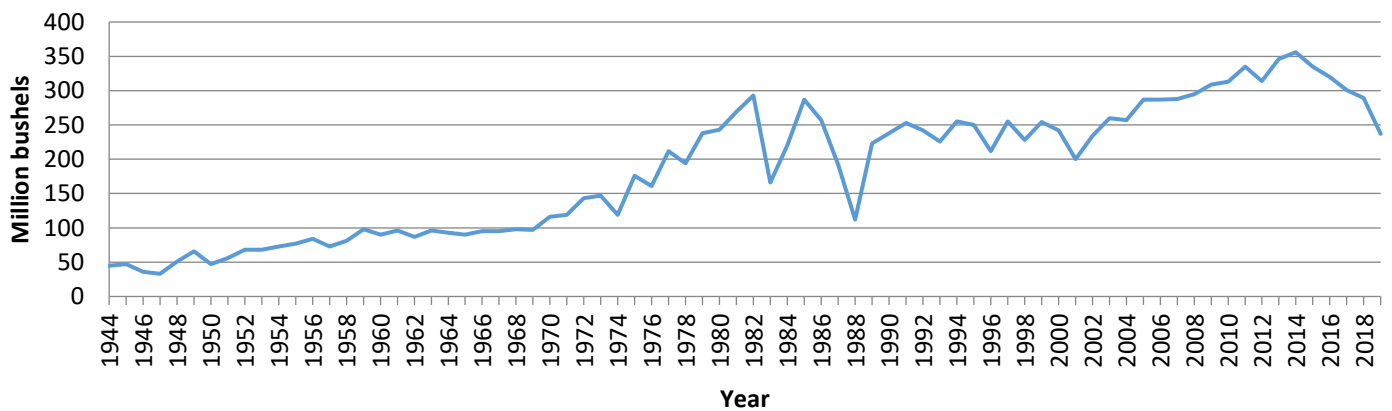
### Corn for grain acres, 1944-2019



### Corn yield, 1944-2019



### Corn production, 1944-2019



**Corn for grain: Stocks by quarter, 2015-2019**

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>
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	19,000	21,999
2019	145,000	51,043	75,000	57,686	58,000	41,264	17,500	18,339

**Corn: Percentage of acreage planted, 2015-2019**

Year	Month and day						
	April		May			June	
	20	30	10	20	30	10	
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	
2019	0	2	4	21	38	66	
5-year-average	1	7	26	54	75	89	

**Corn: Percentage of acreage silked, 2015-2019**

Year	Month and day					
	July			August		
	1	10	20	30	10	20
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
2019	0	0	5	27	62	83
5-year-average	1	4	29	64	85	95

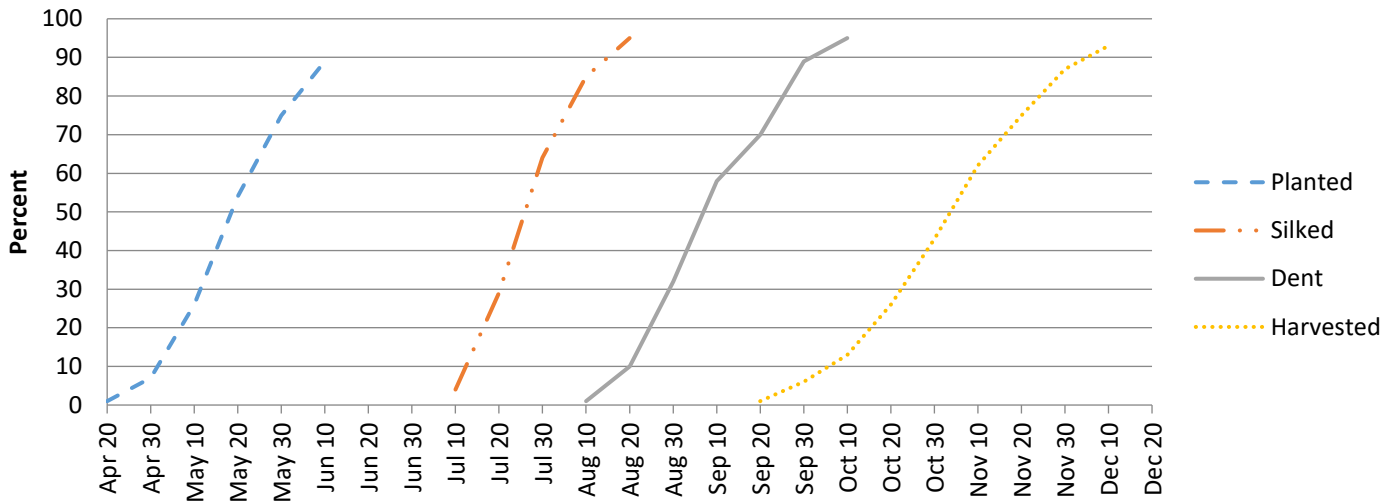
**Corn: Percentage of acreage dent stage, 2015-2019**

Year	Month and day						
	August			September			October
	10	20	30	10	20	30	10
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
2019	0	3	13	30	50	73	85
5-year-average	1	10	32	58	70	89	95

**Corn: Percentage of acreage harvested for grain, 2015-2019**

Year	Month and day									
	September			October			November			December
	10	20	30	10	20	30	10	20	30	10
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
2019	0	0	2	6	14	23	33	46	65	76
5-year-average	0	1	6	13	26	43	62	75	87	93

## Corn progress Five-year average, 2015-2019



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

Months	2016		2017		2018		2019	
	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales <sup>1</sup>
	<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	3.36	7	3.28	11	3.50	10	3.98	5
November	3.24	19	3.24	14	3.34	15	3.87	17
December	3.33	11	3.27	10	3.46	11	3.85	14
January	3.45	13	3.34	13	3.62	13	3.92	14
February	3.52	9	3.50	10	3.69	7	4.03	10
March	3.62	6	3.59	6	3.63	7	3.73	7
April	3.58	7	3.74	7	3.60	7	3.42	5
May	3.58	6	3.83	7	3.70	8	3.50	4
June	3.58	7	3.73	5	4.31	10	3.32	5
July	3.62	5	3.71	4	4.49	6	3.45	7
August	3.48	5	3.67	7	4.31	4	3.27	8
September	3.39	5	3.39	6	4.05	2	3.39	4
Annual	3.44		3.46		3.72		3.73	

<sup>1</sup> Published in November 2020.

# Dry Edible Beans

## Dry edible beans: Acres, yield, production, and value, 2015-2019

Year	Planted	Harvested	Yield	Production	Price <sup>1</sup>	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>
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	127,926
2019	185	180.0	2,030	3,662	31.70	109,128

<sup>1</sup> Marketing year average.

## Dry edible beans: Acres, yield, and production, by class, 2015-2019

Class and Year	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 cwt</i>
<b>Black</b>				
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
2019	95,000	93,000	2,080	1,934
<b>Cranberry</b>				
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
2019	2,700	2,500	1,640	41
<b>Navy</b>				
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
2019	55,000	54,400	2,150	1,170
<b>Red kidney, dark</b>				
2015	4,500	3,800	1,340	51
2016	2,900	2,800	1,070	30
2017	(D)	(D)	(D)	(D)
2018	2,700	2,700	1,420	38
2019	3,000	2,700	1,050	28
<b>Red kidney, light</b>				
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
2019	6,600	5,500	1,650	91
<b>Small, red</b>				
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
2019	11,000	10,800	2,160	233
<b>Other</b>				
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
2019	(D)	(D)	(D)	(D)

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

<sup>1</sup> 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	2016		2017		2018		2019	
	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales <sup>1</sup>
	<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	26.50	32	30.50	23	(D)	10	27.00	9
October	27.20	28	28.50	15	28.50	18	28.10	26
November	32.50	8	28.50	14	25.80	31	32.00	15
December	31.80	5	29.40	5	29.30	6	32.20	15
January	32.40	5	32.40	4	30.30	4	35.10	5
February	34.70	2	29.50	2	30.00	2	37.60	7
March	34.10	2	29.30	5	(D)	3	37.40	5
April	34.70	2	(D)	5	(D)	1	(D)	4
May	33.80	6	30.90	2	30.90	2	(D)	11
June	31.00	5	32.00	1	(D)	1	34.00	1
July	34.20	2	32.00	2	30.20	1	35.70	1
August	32.70	3	(D)	22	(D)	21	(D)	1
Annual	29.20		29.30		27.60		31.70	

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

<sup>1</sup> Published November 2020.

# Hay and Haylage

## Hay, haylage, and greenchop: Acres, yield, production, and value, 2015-2019

Year	Planted	Harvested	Yield	Production	Price <sup>1</sup>	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						
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
2019		780	2.38	1,858	169.00	314,750
Alfalfa hay						
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
2019		550	2.50	1,375	184.00	253,000
Alfalfa seedings						
2015	115					
2016	80					
2017	80					
2018	100					
2019	100					
Other hay						
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	129.00	51,084
2019		230	2.10	483	125.00	60,375
All haylage and greenchop						
2015		295	8.44	2,491		
2016		285	8.24	2,348		
2017		275	7.48	2,057		
2018		285	6.51	1,856		
2019		290	7.68	2,227		
Alfalfa haylage and greenchop						
2015		270	8.80	2,376		
2016		250	8.90	2,225		
2017		240	7.90	1,896		
2018		260	6.80	1,768		
2019		260	8.00	2,080		

<sup>1</sup> Marketing year average.

## Hay: Stocks on farms, 2016-2020

Year	May 1	December 1
	<i>1,000 tons</i>	<i>1,000 tons</i>
2016	440	1,320
2017	375	1,000
2018	260	900
2019	180	930
2020	220	( <sup>1</sup> )

<sup>1</sup> Published in January 2021.

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

Months	2016		2017		2018		2019	
	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	115	15	155	14	130	15	195	15
July	140	14	140	15	145	15	185	16
August	155	14	125	13	150	14	175	13
September	145	11	145	10	145	10	180	11
October	150	6	165	6	155	6	190	6
November	160	6	160	6	165	6	185	6
December	150	6	180	7	175	6	190	6
January	155	7	180	7	175	7	190	6
February	150	6	175	6	170	6	185	6
March	140	7	160	7	175	7	175	7
April	140	4	200	5	185	4	170	4
May	150	4	160	4	195	4	165	4
Annual	143		156		156		184	

# Maple Syrup

**Maple syrup: Taps, yield, production, price, and value, 2016-2020**

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>
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	48.60	9,477
2020	570	0.298	170	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Published in June 2021.

# Oats

**Oats: Acres, yield, production, and value, 2015-2019**

Year	Planted	Harvested	Yield	Production	Price <sup>1</sup>	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>
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	10,427
2019	70	25	57	1,425	3.63	4,988

<sup>1</sup> Marketing year average.

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

Months	2016		2017		2018		2019	
	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	2.21	7	3.35	2	3.29	7	3.78	25
August	1.77	37	2.54	41	2.99	43	3.24	25
September	2.08	4	2.87	7	3.43	20	3.11	15
October	1.55	3	2.98	9	3.44	5	2.76	
November	(D)	3	3.22	2	3.59	3	3.68	7
December	(D)	2	3.11	6	3.41	2	(S)	
January	2.68	7	3.14	10	3.85	2	4.24	14
February	2.79	14	3.12	4	3.62	2	(D)	1
March	2.91	8	3.30	7	3.68	4	3.86	7
April	2.64	6	3.48	4	3.80	5	4.06	2
May	2.74	4	3.46	4	3.75	3	(D)	2
June	3.02	5	3.27	4	(D)	4	4.10	2
Annual	2.28		2.91		3.31		3.63	

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

(S) Insufficient number of reports to establish an estimate.

# Potatoes

**Potatoes: Acres, yield, production, and value, 2015-2019**

Year	Planted	Harvested	Yield	Production	Price <sup>1</sup>	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>
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
2019	50.0	48.5	420	20,370	9.84	200,441

<sup>1</sup> Marketing year average.

**Potatoes: Stocks by type as percent of total stocks, December 1, 2015-2019**

Type	2015	2016	2017	2018	2019
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
White	85	81	80	78	79
Russet	14	17	18	20	20
Red	0	0	1	1	(D)
Yellow	1	2	1	1	(D)

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

**Potatoes: Production and disposition, 2015-2019**

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>
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
2019	20,370	1,411	375	746	19,249

**Potatoes: Stocks, 2015-2019**

Crop year	December 1	February 1	April 1
	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
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
2019	12,500	7,900	3,900

# Soybeans

## Soybeans: Acres, yield, production, and value, 2015-2019

Year	Planted	Harvested	Yield	Production	Price <sup>1</sup>	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>
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	935,954
2019	1,760	1,720	40.5	69,660	8.81	631,277

<sup>1</sup> Marketing year average.

## Soybeans: Stocks by quarter, 2015-2019

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>
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	10,428
2019	32,500	36,965	18,000	35,803	15,000	24,999	2,600	9,141

## Soybeans: Percentage of acreage planted, 2015-2019

Year	Month and day							
	April	May			June			
	30	10	20	30	10	20	30	
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	
2019	2	3	12	27	46	62	81	
5-year-average	2	12	33	60	79	90	95	

## Soybeans: Percentage of acreage setting pods, 2015-2019

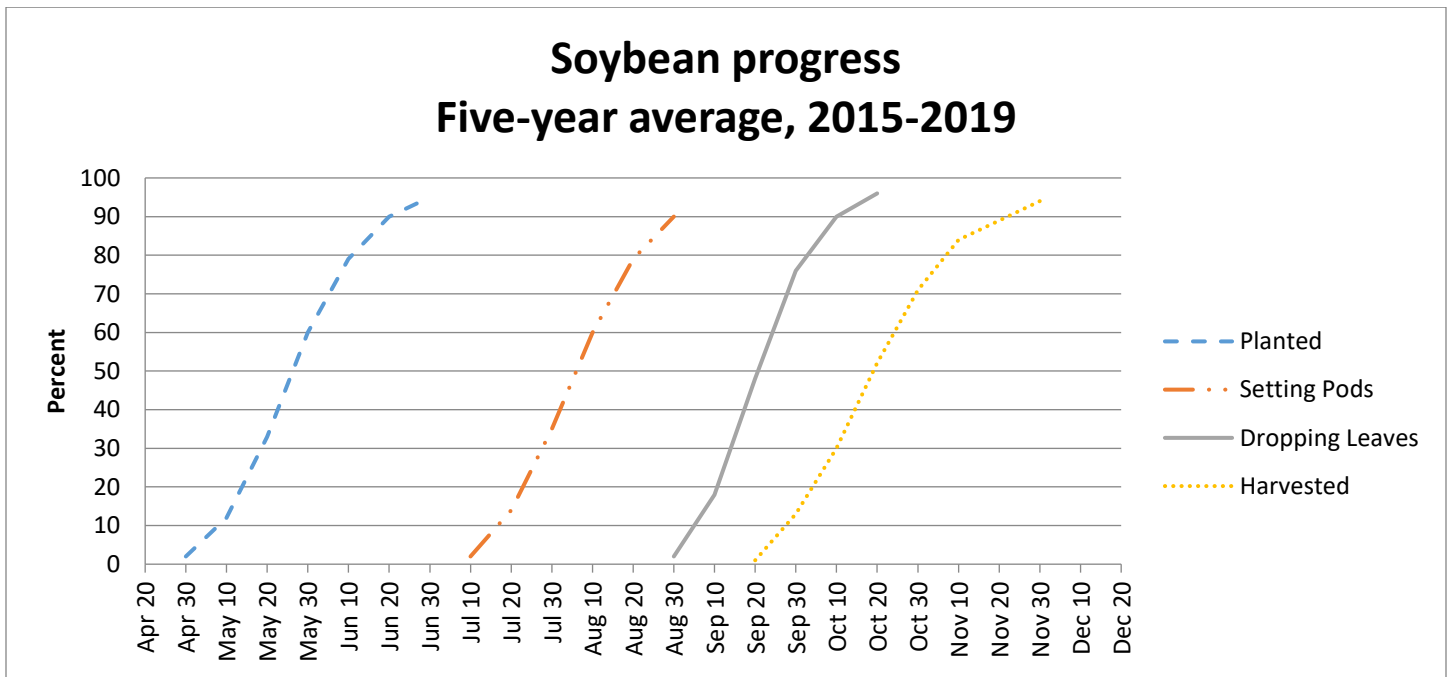
Year	Month and day					
	July			August		
	10	20	30	10	20	30
2015	1	12	38	73	92	97
2016	1	13	38	66	85	93
2017	5	23	44	69	85	92
2018	4	18	39	65	82	93
2019	0	5	16	29	52	74
5-year-average	2	14	35	60	79	90

**Soybeans: Percentage of acreage dropping leaves, 2015-2019**

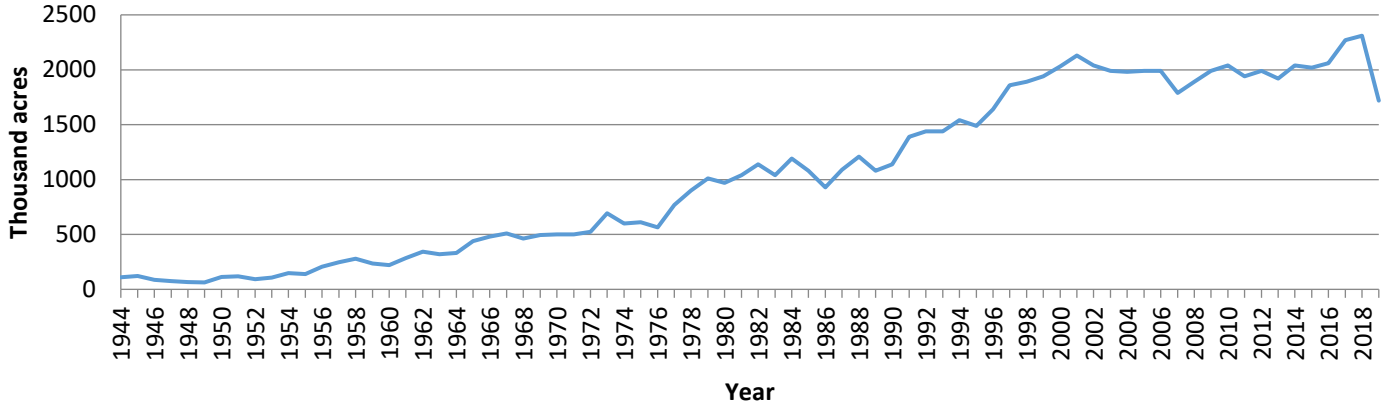
Year	Month and day						
	August		September			October	
	30	10	20	30	10	20	
2015	0	25	58	88	97	100	
2016	1	15	43	77	90	96	
2017	6	21	53	81	94	96	
2018	5	23	52	79	91	96	
2019	0	7	32	58	77	90	
5-year-average	2	18	48	76	90	96	

**Soybeans: Percentage of acreage harvested, 2015-2019**

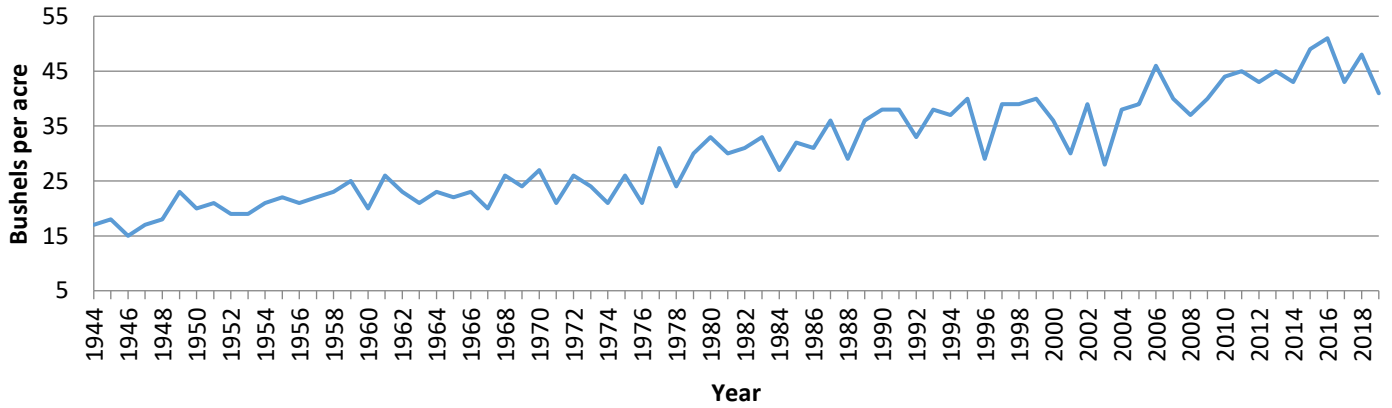
Year	Month and day							
	September		October			November		
	20	30	10	20	30	10	20	30
2015	1	23	47	71	88	96	100	100
2016	0	4	17	43	66	82	91	97
2017	1	19	54	70	79	87	91	97
2018	2	11	19	40	67	78	85	93
2019	0	7	14	37	54	74	78	84
5-year-average	1	13	30	52	71	84	89	94



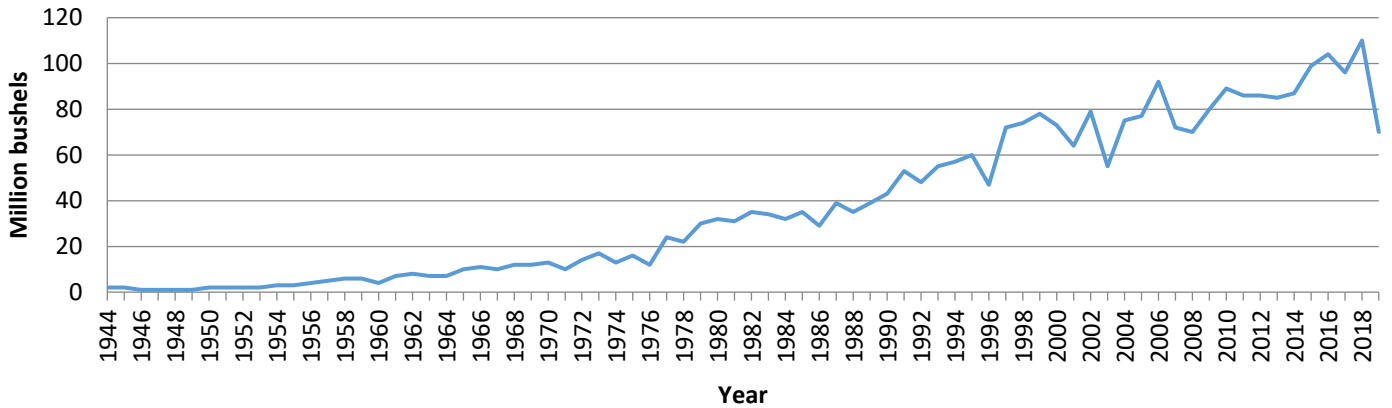
### Soybean harvested acres, 1944-2019



### Soybean yield, 1944-2019



### Soybean production, 1944-2019





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

Months	2016		2017		2018		2019	
	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	9.68	2	9.28	11	8.72	2	8.54	4
October	9.28	37	9.21	34	8.73	26	8.78	18
November	9.45	20	9.22	12	8.37	17	8.68	12
December	9.76	6	9.34	7	8.49	9	8.95	12
January	9.76	11	9.31	11	8.62	10	9.03	9
February	10.00	5	9.66	7	8.61	5	8.94	4
March	9.97	4	9.98	6	8.70	4	8.90	6
April	9.70	2	10.00	4	8.22	5	8.75	7
May	9.55	2	10.10	3	8.08	4	8.59	6
June	9.43	3	9.85	2	8.42	13	8.80	11
July	9.61	4	9.56	2	8.60	3	8.65	4
August	9.50	4	9.24	1	8.50	2	8.89	7
Annual	9.51		9.39		8.53		8.81	

## Sugarbeets

**Sugarbeets: Acres, yield, production, and value, 2015-2019**

Year	Planted	Harvested	Yield	Production	Price <sup>1</sup>	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>
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	148	29.1	4,307	35.10	150,158
2019	146	145	28.6	4,147	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> Marketing year average.

<sup>2</sup> Published in February 2021.

# Wheat

**Wheat: Acres, yield, production, and value, 2015-2019**

Year	Planted	Harvested	Yield	Production	Price <sup>1</sup>	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>
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	181,458
2019	550	490	71.0	34,790	5.21	177,216

<sup>1</sup> Marketing year average.

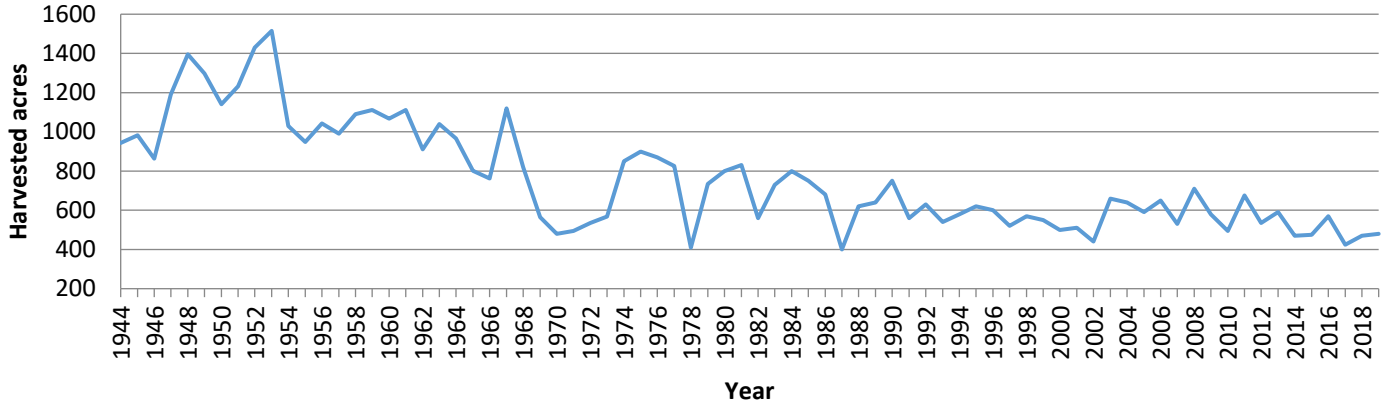
**Wheat: Stocks by quarter, 2015-2019**

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>
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
2019	4,100	46,116	2,400	38,954	800	30,400	490	21,717

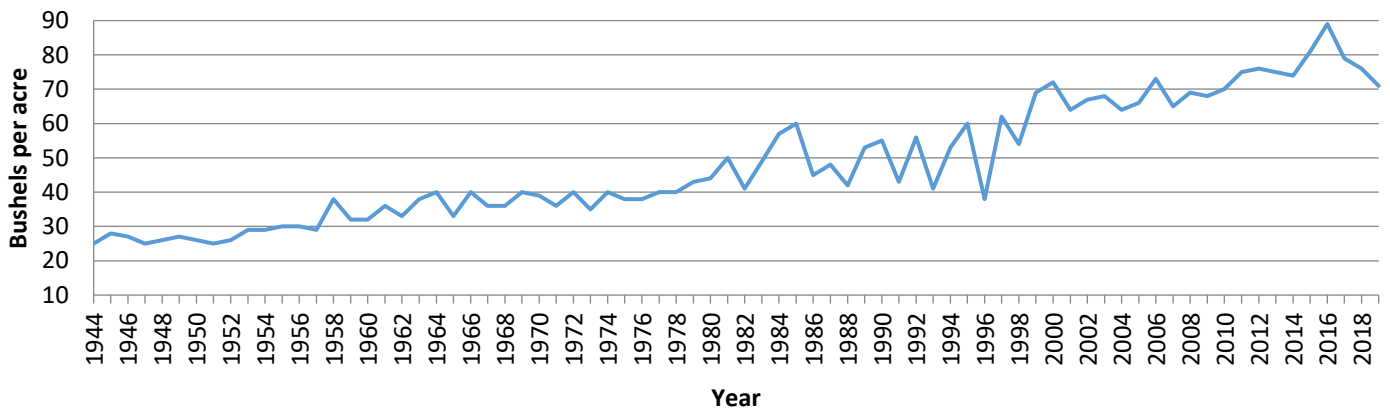
**Wheat: Monthly price received, percent of annual sales, and marketing year average price by year**

Months	2016		2017		2018		2019	
	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	4.32	33	4.76	40	4.98	60	5.27	27
August	4.00	23	4.29	21	5.27	18	5.09	35
September	3.94	13	4.24	10	5.17	4	5.05	11
October	4.06	7	4.53	3	4.96	1	5.13	8
November	3.94	3	4.08	2	4.92	1	5.19	4
December	4.13	2	3.82	4	5.16	1	5.26	2
January	4.09	4	4.43	5	5.33	3	5.58	5
February	4.25	6	4.51	5	5.22	1	5.65	2
March	4.49	2	4.72	4	5.56	2	5.66	2
April	4.31	2	5.01	3	5.25	7	5.85	2
May	4.30	2	4.98	2	4.93	1	5.55	1
June	4.28	3	5.06	1	5.26	1	5.18	1
Annual	4.15		4.54		5.08		5.21	

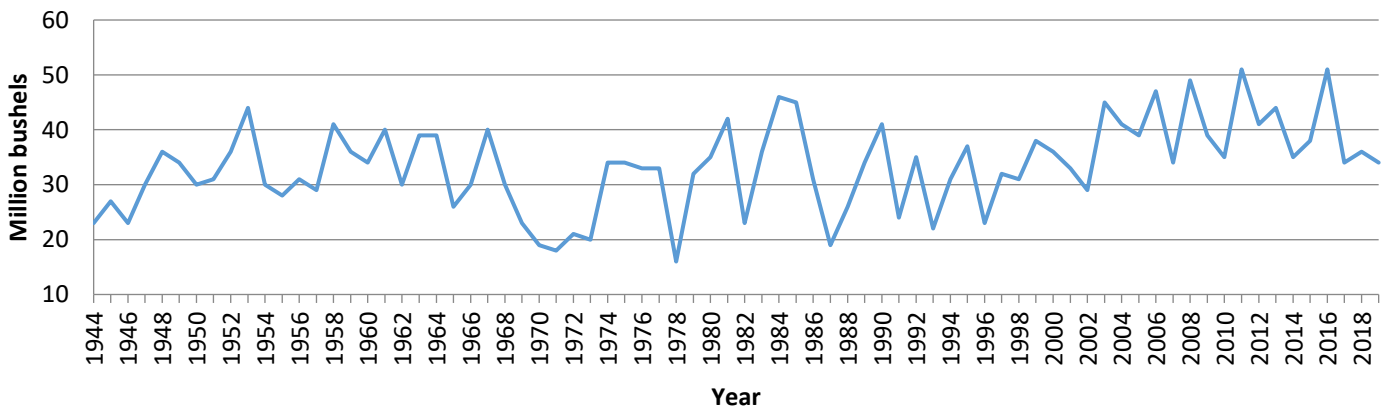
## Wheat harvested acres, 1944-2019



## Wheat yield, 1944-2019



## Wheat production, 1944-2019



# Agricultural Chemical Usage

## Apples: Agricultural chemical applications, 2019 <sup>1</sup>

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>
<b>Herbicides</b>					
2,4-D, dimeth. salt	11	1.2	1.086	1.277	4,600
Clopyralid mono salt	1	1.1	0.218	0.240	100
Diuron	7	1.0	1.761	1.811	3,900
Glufosinate-ammonium	6	1.1	0.775	0.850	1,600
Glyphosate iso. salt	15	1.1	1.086	1.215	5,900
Glyphosate pot. salt	1	1.3	0.511	0.679	300
Paraquat	7	1.2	0.685	0.802	2,000
Pendimethalin	4	1.0	1.701	1.783	2,400
Terbacil	2	1.0	0.493	0.493	300
<b>TOTAL</b>	<b>29</b>				<b>23,200</b>
<b>Insecticides</b>					
Abamectin	54	1.2	0.018	0.021	400
Acetamiprid	41	1.5	0.114	0.173	2,300
Carbaryl	23	1.1	0.895	1.018	7,600
Chlorantraniliprole	78	1.9	0.070	0.132	3,400
Chlorpyrifos	39	1.1	1.267	1.427	18,000
Clothianidin	49	1.5	0.096	0.148	2,400
Cyflumetofen	5	1.0	0.177	0.179	300
Cyfluthrin	4	1.5	0.055	0.084	100
Esfenvalerate	13	1.1	0.047	0.053	200
Fenpropathrin	2	1.3	0.323	0.419	200
Fenpyroximate	3	1.1	0.100	0.112	100
Imidacloprid	44	2.1	0.082	0.172	2,500
Lambda-cyhalothrin	38	1.6	0.028	0.045	500
Phosmet	42	1.8	1.480	2.714	37,200
Pyridaben	4	1.0	0.377	0.389	500
Pyriproxyfen	10	1.6	0.108	0.167	500
Spinetoram	29	1.6	0.082	0.130	1,200
Spirotetramat	4	1.5	0.104	0.152	200
Thiamethoxam	55	1.9	0.065	0.125	2,200
Zeta-cypermethrin	11	1.0	0.024	0.024	100
<b>TOTAL</b>	<b>85</b>				<b>102,700</b>

See footnote(s) at end of table.

--continued

**Apples: Agricultural chemical applications, 2019 <sup>1</sup> (continued)**

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>
<b>Fungicides /2</b>					
Basic copper sulfate	14	1.2	1.251	1.564	7,000
Benzovindiflupyr	34	1.6	0.037	0.058	600
Boscalid	2	1.1	0.218	0.248	100
Captan	80	5.8	2.207	12.716	330,800
Copper chloride hyd.	25	1.5	1.115	1.633	13,200
Copper hydroxide	48	1.3	1.438	1.898	29,400
Copper sulfate	6	2.2	0.141	0.311	600
Cyprodinil	63	2.2	0.175	0.393	8,100
Difenoconazole	55	1.9	0.060	0.116	2,000
Fenbuconazole	10	2.7	0.119	0.317	1,000
Fluazinam	18	2.3	0.406	0.944	5,500
Fluopyram	12	2.0	0.072	0.147	600
Fluxapyroxad	18	2.0	0.076	0.152	900
Kasugamycin	26	1.4	0.070	0.096	800
Mancozeb	74	6.0	2.580	15.368	367,800
Mono-potassium salt	3	2.2	1.073	2.393	2,000
Myclobutanil	23	2.1	0.109	0.226	1,700
Oxytetracycline calcium	4	1.6	0.160	0.256	300
Pyraclostrobin	19	1.9	0.077	0.150	900
Pyrimethanil	14	1.6	0.308	0.500	2,300
Streptomycin sulfate	29	1.8	0.255	0.452	4,300
Sulfur	9	2.8	5.855	16.155	49,600
Tebuconazole	2	2.0	0.157	0.319	200
Thiophanate-methyl	38	2.0	0.580	1.182	14,800
Trifloxystrobin	60	2.4	0.066	0.161	3,100
Ziram	37	2.3	3.457	7.796	93,600
<b>TOTAL</b>	<b>87</b>				<b>963,700</b>
<b>Other chemicals</b>					
Benzyladenine	12	1.3	0.039	0.051	200
Butenoic acid hydro	17	1.2	0.051	0.061	300
Dodecadien-1-OL	16	1.1	0.076	0.081	400
Dodecanol	13	1.1	0.027	0.029	100
Flutriafol	37	1.6	0.075	0.121	1,500
Indaziflam	4	1.0	0.044	0.044	100
Oxytetracycline HCl	24	1.4	0.196	0.266	2,000
Prohexadione calc.	39	1.4	0.135	0.191	2,400
Spirodiclofen	3	1.0	0.245	0.246	200
<b>Fertilizer</b>					
Nitrogen	58	2.6	12	31	557,000
Phosphate	44	3.9	6	24	323,000
Potassium	61	3.5	11	39	725,000
Sulfur	34	2.1	17	36	371,000

<sup>1</sup> Bearing acres in 2019 were 31,000 acres.

<sup>2</sup> Includes antibiotics.

**Blueberries: Agricultural chemical applications, 2019 <sup>1</sup>**

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>
<b>Herbicides</b>					
Clethodim	23	1.3	0.125	0.162	700
Diuron	32	1.1	1.843	2.091	13,200
Flumioxazin	18	1.2	0.300	0.357	1,300
Glufosinate-ammonium	5	1.1	0.384	0.438	500
Glyphosate iso. salt	4	1.0	0.441	0.441	300
Glyphosate pot. salt	4	1.2	2.176	2.629	2,300
Hexazinone	5	1.9	1.113	2.133	1,900
Mesotrione	29	1.0	0.172	0.178	1,000
Norflurazon	8	1.0	2.079	2.094	3,500
Paraquat	17	1.9	0.535	0.999	3,400
Simazine	10	2.7	2.086	5.646	10,800
S-metolachlor	18	1.1	1.261	1.436	5,200
Terbacil	18	2.1	0.568	1.168	4,100
<b>TOTAL</b>	<b>56</b>				<b>50,900</b>
<b>Insecticides</b>					
Acetamiprid	31	1.6	0.091	0.146	900
Bifenthrin	67	2.1	0.099	0.207	2,700
Esfenvalerate	51	1.7	0.049	0.082	800
Fenpropathrin	6	1.4	0.286	0.389	400
Flupyradifurone	3	1.8	0.168	0.311	200
Imidacloprid	33	1.4	0.102	0.143	900
Malathion	12	1.9	1.432	2.788	6,600
Methomyl	46	1.8	0.868	1.548	14,100
Methoxyfenozide	29	1.2	0.202	0.238	1,300
Phosmet	75	2.3	0.900	2.057	30,600
Spinosad	5	1.6	0.120	0.190	200
Zeta-cypermethrin	86	2.4	0.026	0.062	1,100
<b>TOTAL</b>	<b>97</b>				<b>60,600</b>
<b>Fungicides</b>					
Azoxystrobin	59	2.3	0.190	0.431	5,000
Boscalid	15	1.3	0.316	0.397	1,200
Calcium polysulfide	52	1.2	2.419	2.945	30,000
Captan	30	2.0	2.242	4.502	26,300
Chlorothalonil	9	1.3	1.802	2.324	4,300
Copper chloride hyd.	4	1.0	0.623	0.626	500
Copper sulfate	29	1.9	0.106	0.203	1,200
Cyprodinil	24	1.3	0.289	0.378	1,800
Difenoconazole	5	1.0	0.085	0.087	100
Fenbuconazole	73	1.4	0.122	0.177	2,500
Fludioxonil	20	1.3	0.199	0.259	1,000
Fluopyram	34	1.3	0.172	0.216	1,400
Metconazole	65	1.7	0.079	0.133	1,700
Mono-potassium salt	16	1.9	2.226	4.280	13,500
Propiconazole	23	1.3	0.149	0.196	900
Prothioconazole	39	1.1	0.177	0.200	1,500
Pyraclostrobin	15	1.3	0.160	0.202	600
Pyrimethanil	5	1.1	0.391	0.444	400
Ziram	33	1.2	2.801	3.325	21,700
<b>TOTAL</b>	<b>93</b>				<b>121,100</b>
<b>Others</b>					
Peroxyacetic acid	44	2.5	0.196	0.489	4,300
<b>Fertilizer</b>					
Nitrogen	74	3.2	21	67	973,000
Phosphate	52	2.2	11	23	238,000
Potash	68	2.3	29	67	894,000
Sulfur	57	3.3	12	39	426,000

<sup>1</sup> Bearing acres in 2019 for Michigan were 20,600 acres.

**Cherries, tart: Agricultural chemical applications, 2019 <sup>1</sup>**

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>
<b>Herbicides</b>					
Glyphosate iso. salt	26	1.3	0.942	1.178	8,000
Glyphosate pot. salt	3	1.4	0.925	1.325	1,100
Pendimethalin	4	1.0	1.834	1.834	1,900
TOTAL	43				20,400
<b>Insecticides</b>					
Chlorantraniliprole	7	1.3	0.051	0.064	100
Chlorpyrifos	11	1.4	0.873	1.199	3,400
Cyantraniliprole	3	1.2	0.098	0.121	100
Fenprothrin	13	1.1	0.250	0.265	900
Imidacloprid	27	1.6	0.131	0.204	1,500
Lambda-cyhalothrin	62	1.9	0.036	0.069	1,100
Permethrin	4	1.3	0.127	0.165	200
Phosmet	79	1.8	1.132	2.019	42,400
Spinetoram	3	1.5	0.081	0.125	100
Thiamethoxam	62	1.5	0.068	0.102	1,700
Zeta-cypermethrin	60	1.7	0.023	0.040	600
TOTAL	93				54,700
<b>Fungicides</b>					
Calcium polysulfide	14	1.7	0.789	1.353	5,000
Captan	88	4.1	1.703	6.985	162,100
Chlorothalonil	88	2.3	2.289	5.312	124,100
Copper chloride hyd.	33	2.0	0.233	0.455	4,000
Copper hydroxide	35	2.1	0.314	0.648	6,000
Copper sulfate	14	2.0	0.108	0.221	800
Fenbuconazole	37	1.9	0.101	0.195	1,900
Fluopyram	10	1.2	0.093	0.115	300
Fluxapyroxad	35	1.3	0.080	0.105	1,000
Iprodione	6	1.5	0.605	0.904	1,500
Myclobutanil	21	1.4	0.104	0.151	900
Propiconazole	20	1.2	0.103	0.120	600
Pyraclostrobin	35	1.3	0.080	0.105	1,000
Sulfur	51	3.1	3.361	10.386	140,500
Thiophanate-methyl	4	2.0	0.427	0.854	900
Trifloxystrobin	58	1.7	0.090	0.154	2,400
TOTAL	97				489,600
<b>Other chemicals</b>					
Ethephon	67	1.1	0.183	0.195	3,500
<b>Fertilizer</b>					
Nitrogen	78	1.9	29	53	1,069,000
Phosphate	29	1.5	12	17	131,000
Potassium	62	1.4	51	73	1,164,000
Sulfur	14	1.5	51	76	268,000

<sup>1</sup> Bearing acres in 2019 for Michigan were 25,600 acres.

**Peaches: Agricultural chemical applications, 2019 <sup>1</sup>**

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>
<b>Herbicides</b>					
2,4-D, Dimeth. salt	4	1.1	0.824	0.883	100
Glyphosate iso. salt	4	1.0	0.844	0.855	100
Glyphosate pot. salt	3	1.0	0.626	0.626	100
Paraquat	10	2.0	0.632	1.248	300
<b>TOTAL</b>	<b>19</b>				<b>900</b>
<b>Insecticides</b>					
Acetamiprid	40	1.5	0.109	0.168	200
Chlorpyrifos	8	1.0	1.237	1.237	200
Fenpropathrin	19	1.9	0.266	0.509	200
Lambda-cyhalothrin	33	1.9	0.035	0.069	100
Phosmet	36	2.0	1.354	2.698	2,300
Thiamethoxam	29	1.5	0.069	0.107	100
<b>TOTAL</b>	<b>59</b>				<b>4,100</b>
<b>Fungicides</b>					
Basic copper sulfate	15	1.0	1.630	1.668	600
Captan	40	3.6	1.975	7.125	6,800
Chlorothalonil	17	1.6	2.599	4.207	1,700
Copper chloride hyd.	22	1.5	1.696	2.568	1,400
Copper hydroxide	17	1.9	1.454	2.735	1,100
Fenbuconazole	42	2.3	0.189	0.435	400
Fluxapyroxad	22	1.5	0.092	0.135	100
Iprodione	34	1.5	0.955	1.405	1,200
Pyraclostrobin	22	1.5	0.090	0.135	100
Sulfur	43	3.8	5.026	18.945	19,400
Tebuconazole	8	2.1	0.194	0.403	100
Trifloxystrobin	19	1.3	0.088	0.116	100
Ziram	14	1.1	3.973	4.274	1,400
<b>TOTAL</b>	<b>62</b>				<b>35,200</b>
<b>Fertilizer</b>					
Nitrogen	49	1.4	36	49	55,000
Phosphate	21	1.2	23	27	13,000
Potassium	43	1.1	35	38	37,000
Sulfur	12	1.0	46	46	13,000

<sup>1</sup> Bearing acres in 2019 for Michigan were 2,400 acres.



**Fertilizer applications: Winter wheat, 2019 <sup>1</sup>**

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>Thous. pounds</i>
Nitrogen (N)	96	2.4	47	111	57,600
Phosphate (P <sub>2</sub> O <sub>5</sub> )	81	1.1	48	54	23,800
Potash (K <sub>2</sub> O)	78	1.1	62	68	28,900
Sulfur (S)	53	1.6	10	16	4,700

<sup>1</sup> Planted acres in 2019 were 540,000 acres.

# Fruit

## Fruit: Acres, production, and value, 2015-2019

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						
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	32,000	32,300	1,035	1,034	0.276	285,104
2019	31,000	30,500	946	945	0.274	258,604
Blueberries <sup>1</sup>						
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
2019	20,600	4,120	85	85	0.886	75,258
Cherries, tart						
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
2019	25,600	6,650	170	158	0.143	22,534
Peaches						
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
2019	2,400	4,000	9.6	9.6	0.555	5,313

<sup>1</sup> Harvested acres.

## Apples: Utilization and price, 2015-2019

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>
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	520	0.420	514	0.130	1,034	0.276
2019	472	0.405	473	0.142	945	0.274

**Blueberries: Utilization and price, 2015-2019**

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>
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
2019	85	85	45	1.350	40	0.370

**Cherries, tart: Production by region, 2015-2019**

Region	2015	2016	2017	2018	2019
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Northwest	88.5	138.0	123.1	115.2	104.5
West Central	36.7	67.0	33.8	60.4	37.0
Southwest and other	32.8	22.0	32.3	25.4	28.5
Michigan	158.0	227.0	189.2	201.0	170.0

**Cherries, tart, frozen: Stocks in cold storage, 2016-2019**

Month	East North Central region <sup>1</sup>				48 States total <sup>2</sup>			
	2016-17	2017-18	2018-19	2019-20	2016-17	2017-18	2018-19	2019-20
	<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	128,136	117,636	128,900	95,280	173,739	155,363	167,724	117,089
August	142,112	127,198	135,497	119,160	196,001	166,554	184,463	162,132
September	134,045	119,658	123,933	113,354	184,839	158,660	169,664	152,361
October	130,571	113,582	115,802	106,969	174,878	154,858	156,443	145,276
November	116,074	106,737	108,243	102,550	156,973	142,281	145,503	139,349
December	106,585	101,660	105,692	96,257	142,913	134,946	141,203	128,711
January	99,849	95,644	101,010	90,743	131,911	125,530	126,955	118,983
February	94,573	90,335	95,777	80,322	121,549	115,381	120,147	105,679
March	87,926	85,122	92,218	74,472	111,923	108,226	114,474	102,965
April	82,718	79,354	89,398	68,386	102,192	98,931	111,041	93,006
May	76,628	73,342	77,428	61,166	93,736	88,879	94,508	85,708
June	70,932	63,980	70,717	54,701	83,809	74,151	84,115	77,292

<sup>1</sup> Illinois, Indiana, Michigan, Ohio, and Wisconsin.

<sup>2</sup> Excluding Alaska and Hawaii.

# Vegetables

**Vegetables: Area planted and harvested, production, and value, by crop, 2016-2019**

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
2019	10,000	9,400	282	25,607
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
2019	18,600	17,600	1,602	25,611
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
2019	4,600	4,500	1,530	18,684
Cucumbers				
2016	41,000	40,400	5,454	69,146
2017	38,000	37,500	5,625	79,739
2018	35,000	34,400	4,128	55,418
2019	40,000	39,600	5,940	70,560
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
2019	2,200	2,100	535.5	19,674
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
2019	5,800	5,400	810	12,909
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
2019	8,900	8,600	1,720	40,502
Michigan				
2016	92,100	88,800	12,008	202,030
2017	89,200	86,800	12,473	212,862
2018	86,600	81,900	10,474	184,779
2019	90,100	87,200	12,420	213,547

**Vegetables, processing: Acres, production, and value, 2015-2019**

Item and Year	Production	Price per ton	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Cucumbers			
2015	171,100	220	37,642
2016	208,070	200	41,614
2017	237,656	235	55,849
2018	153,149	215	32,927
2019	241,461	188	45,395
Snap beans			
2015	71,200	230	16,376
2016	70,911	240	17,019
2017	78,765	200	15,753
2018	60,333	215	12,972
2019	66,947	170	11,381

**Vegetables, fresh market: Acres, production, and value, 2015-2019**

Item and year	Production	Price per cwt	Value <sup>1</sup>
	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
<b>Beans, snap</b>			
2015	212	54.20	11,490
2016	256	59.50	15,244
2017	203	50.00	10,145
2018	158	54.00	5,848
2019	261	54.50	14,230
<b>Cabbage</b>			
2015	957	17.00	16,269
2016	(D)	(D)	(D)
2017	(D)	(D)	(D)
2018	686	14.00	9,610
2019	609	19.00	11,569
<b>Cucumbers</b>			
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
2019	1,099	22.90	25,165

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

**Vegetables, dual purpose: Acres, production, and value, 2015-2019**

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						
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
2019	10,000	9,400	30	282	93.60	25,607
Peppers, bell						
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
2019	3,200	2,100	255	536	37.00	19,674
Pumpkins						
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
2019	5,800	5,400	150	810	16.00	12,909
Squash						
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
2019	8,900	8,600	200	1,720	24.00	40,502

# Horticulture

**Floriculture crops: Number of growers by gross value of sales, 2015-2019**

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>
2015	57	78	32	98	155	136	556
2016 <sup>1</sup>							
2017 <sup>1</sup>							
2018	49	78	35	97	170	140	569
2019	68	65	21	71	162	142	529

<sup>1</sup> Program suspended.

**Floriculture crops: Growing area by type of cover, 2015-2019**

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>
2015	3,332	3,562	35,641	42,535	566	43,101	1,856
2016 <sup>1</sup>							
2017 <sup>1</sup>							
2018	3,026	2,926	41,861	47,913	1,742	49,656	2,359
2019	3,790	4,431	41,179	49,400	789	50,189	5,070

<sup>1</sup> Program suspended.

**Floriculture crops: Wholesale value of sales by category, 2015-2019**

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 <sup>1</sup>
	<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>
2015	5,312	31,147	6,305	270,666	398,113	409,078
2016 <sup>2</sup>						
2017 <sup>2</sup>						
2018	(D)	70,435	8,849	293,859	474,977	486,746
2019	(D)	58,718	14,029	300,161	430,237	439,500

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

<sup>1</sup> 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.

<sup>2</sup> Program suspended.



**Bedding plants: Producers, quantity sold, price, and value, 2013-2019**

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>
<b>Begonias</b>					
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
2019	185	696	81	8.80	6,128
<b>Geraniums from cuttings</b>					
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
2019	5	(D)	(D)	(D)	(D)
<b>Geraniums from seed</b>					
2013	(D)	(D)	(D)	(D)	(D)
2014	31	66	87	7.70	508
2015	31	141	92	7.21	1,017
2018	NA	NA	NA	NA	NA
2019	NA	NA	NA	NA	NA
<b>Impatiens</b>					
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
2019	163	847	88	7.87	6,662
<b>Marigolds</b>					
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
2019	193	529	84	7.82	4,138
<b>New Guinea Impatiens</b>					
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
2019	37	(D)	(D)	(D)	(D)
<b>Pansies/Violas</b>					
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
2019	158	298	89	8.32	2,480
<b>Petunias</b>					
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
2019	188	1,302	88	9.23	12,022
<b>Other flowering and foliar</b>					
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
2019	182	1,864	85	9.31	17,363
<b>Vegetables <sup>1</sup></b>					
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
2019	111	454	66	10.08	4,575

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

<sup>1</sup> Does not include vegetable transplants grown for commercial use.

NA Not available.

**Hanging baskets: Producers, quantity sold, price, and value, 2013-2019**

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>
<b>Begonias</b>					
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
2019	174	561	90	7.41	4,156
<b>Geraniums from cuttings</b>					
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
2019	196	710	77	7.49	5,320
<b>Geraniums from seed</b>					
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
2019	NA	NA	NA	NA	NA
<b>Impatiens</b>					
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
2019	115	436	91	5.33	2,324
<b>Marigolds</b>					
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
2019	15	54	98	5.41	292
<b>New Guinea Impatiens</b>					
2013	170	448	87	6.83	3,060
2014	183	475	82	6.90	3,278
2015	178	481	81	7.02	3,377
2016	168	384	87	7.19	2,761
2019	167	472	83	6.18	2,915
<b>Pansies/Violas</b>					
2013	52	242	95	4.82	1,166
2014	58	191	93	5.33	1,018
2015	49	142	98	5.90	838
2016	53	212	97	5.53	1,172
2019	54	161	93	5.10	821
<b>Petunias</b>					
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
2016	192	1,502	89	5.83	8,757
2019	195	1,241	87	6.37	7,907
<b>Other flowering</b>					
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
2019	177	3,336	90	7.66	25,558
<b>Foliage</b>					
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
2019	52	589	94	12.83	7,554

<sup>1</sup> Not published to avoid disclosure of individual operations.  
NA Not available.

**Potted flowering and annual bedding plants: Producers, quantity sold, price, and value, 2013-2019**

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>
<b>Begonias</b>								
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
2019	129	783	546	1,329	87	2.21	5.49	4,731
<b>Chrysanthemums, florist</b>								
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
2019	14	(D)	(D)	554	(D)	(D)	(D)	2,265
<b>Chrysanthemums, hardy garden</b>								
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
2019	108	1,433	4,187	5,620	95	1.02	3.51	16,132
<b>Easter Lilies</b>								
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
2019	20	(D)	(D)	982	(D)	(D)	(D)	4,494
<b>Geraniums from cuttings</b>								
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
2019	194	2,434	1,229	3,663	71	1.83	3.99	9,370
<b>Geraniums from seed</b>								
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
2019	NA	NA	NA	NA	NA	NA	NA	NA
<b>Impatiens</b>								
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
2019	61	381	252	633	94	1.34	2.41	1,118
<b>Marigolds</b>								
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
2019	28	293	388	681	98	0.75	1.72	886
<b>New Guinea Impatiens</b>								
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
2019	166	1,686	366	2,052	87	1.74	4.12	4,446

See footnote(s) at end of table.

--continued

**Potted flowering and annual bedding plants: Producers, quantity sold, price, and value, 2013-2019 (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>
<b>Pansies/Violas</b>								
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
2019	69	699	604	1,303	97	1.56	2.74	2,741
<b>Petunias</b>								
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
2019	141	2,970	1,888	4,858	91	2.00	4.27	14,014
<b>Poinsettias</b>								
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
2019	47	631	1,691	2,322	96	1.88	4.46	8,722
<b>Flowering bulbs</b>								
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
2019	21	(D)	(D)	7,223	(D)	(D)	(D)	14,056
<b>Other flowering plants</b>								
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	5,169	6,078	96	2.59	7.95	43,448
2019	88	2,547	3,190	5,737	72	2.29	7.01	28,181
<b>Other flowering and foliar type bedding plants</b>								
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
2019	197	23,296	6,702	29,998	91	1.48	4.88	67,244
<b>Vegetable type <sup>1</sup></b>								
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
2019	95	5,545	1,015	6,560	87	1.37	3.18	10,829

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

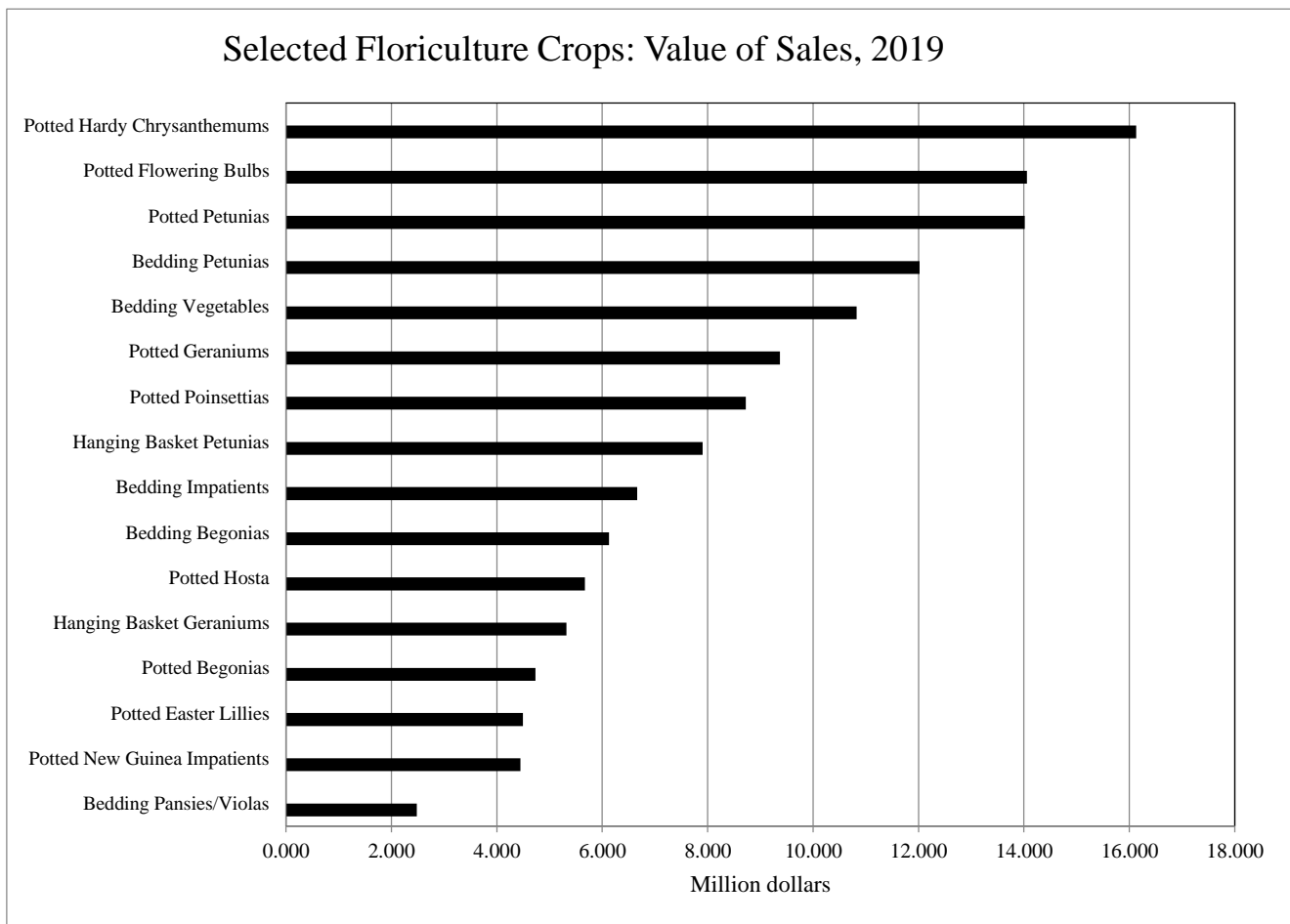
<sup>1</sup> Does not include vegetable transplants grown for commercial use.

NA Not available.

**Herbaceous perennials: Producers, quantity sold, price, and value, 2013-2019**

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>
<b>Hosta</b>										
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
2019	105	1,019	886	30	1,935	95	2.09	3.73	7.87	5,673
<b>Other</b>										
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
2019	132	7,465	6,248	370	14,083	91	1.88	6.04	8.13	54,793

**Selected Floriculture Crops: Value of Sales, 2019**



# 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 <sup>1</sup>	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 <sup>2</sup>	Million eggs	4,548	2018	1,104	1929	1924
Hogs and pigs <sup>1</sup>	1,000 head	1,397	1943	512	1934	1867
Honey	1,000 pounds	11,780	1939	3,915	2017	1921
Milk	Million pounds	11,385	2019	3,941	1927	1924
Sheep	1,000 head	3,100	1867	62	1999	1867
Wool	1,000 pounds	8,424	1934	325	2018	1934

<sup>1</sup> December 1.

<sup>2</sup> December 1 previous year to November 30.

## Cattle and Calves

### Cattle and calves: Number on farms by class, January 1, 2016-2020

Class	2016	2017	2018	2019	2020
	<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	520	545	530	530	520
Beef cows	108	120	102	108	93
Milk cows	412	425	428	422	427
Heifers, 500 pounds and over	230	235	230	225	230
Beef cow replacement	27	25	24	25	23
Milk cow replacement	172	170	176	160	170
Other	31	40	30	40	37
Steers, 500 pounds and over	170	169	180	180	175
Bulls, 500 pounds and over	15	16	15	15	15
Calves, under 500 pounds	205	215	205	210	210
All cattle and calves	1,140	1,180	1,160	1,160	1,150

**Cattle and calves: Balance sheet, 2015-2019**

Year	All cattle and calves on hand January 1	Calf crop	Inshipments	Marketings <sup>1</sup>		Farm slaughter cattle and calves <sup>2</sup>	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>
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	370	41	3	22	44	1,160
2019	1,160	410	70	377	41	3	24	45	1,150

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

<sup>2</sup> Excludes custom slaughter for farmers at commercial establishments.

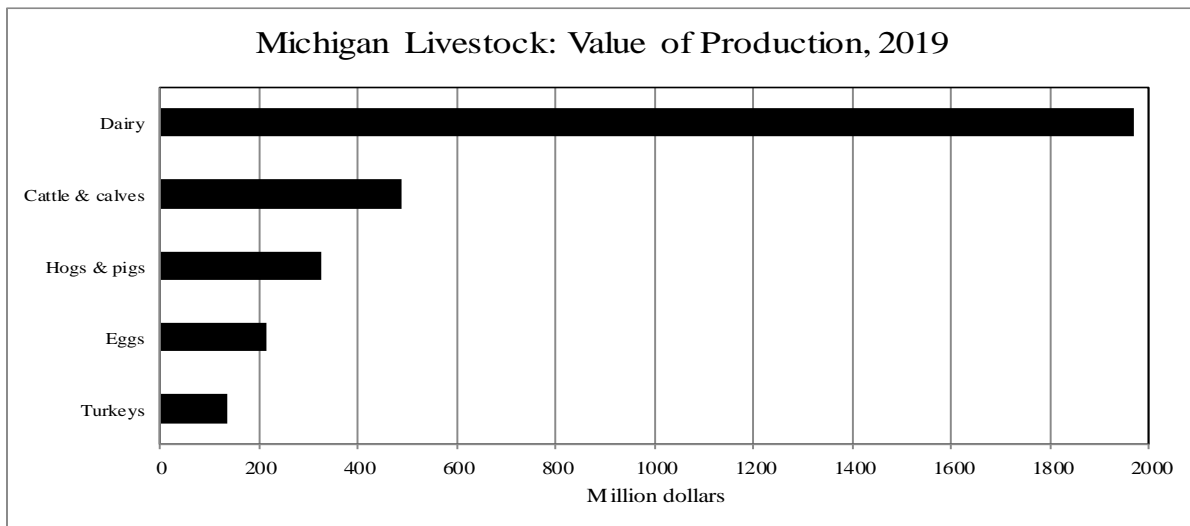
**Cattle and calves: Production and income, 2015-2019**

Year	Production <sup>1</sup>	Marketings <sup>2</sup>	Value of production	Cash receipts <sup>3</sup>	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>
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	494,004	521,800	495,641	539,586	14,151	553,737
2019	487,465	527,910	486,956	547,797	14,249	562,046

<sup>1</sup> Adjustments made for changes in inventory and for inshipments.

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

<sup>3</sup> Receipts from marketings and sale of farm slaughter.

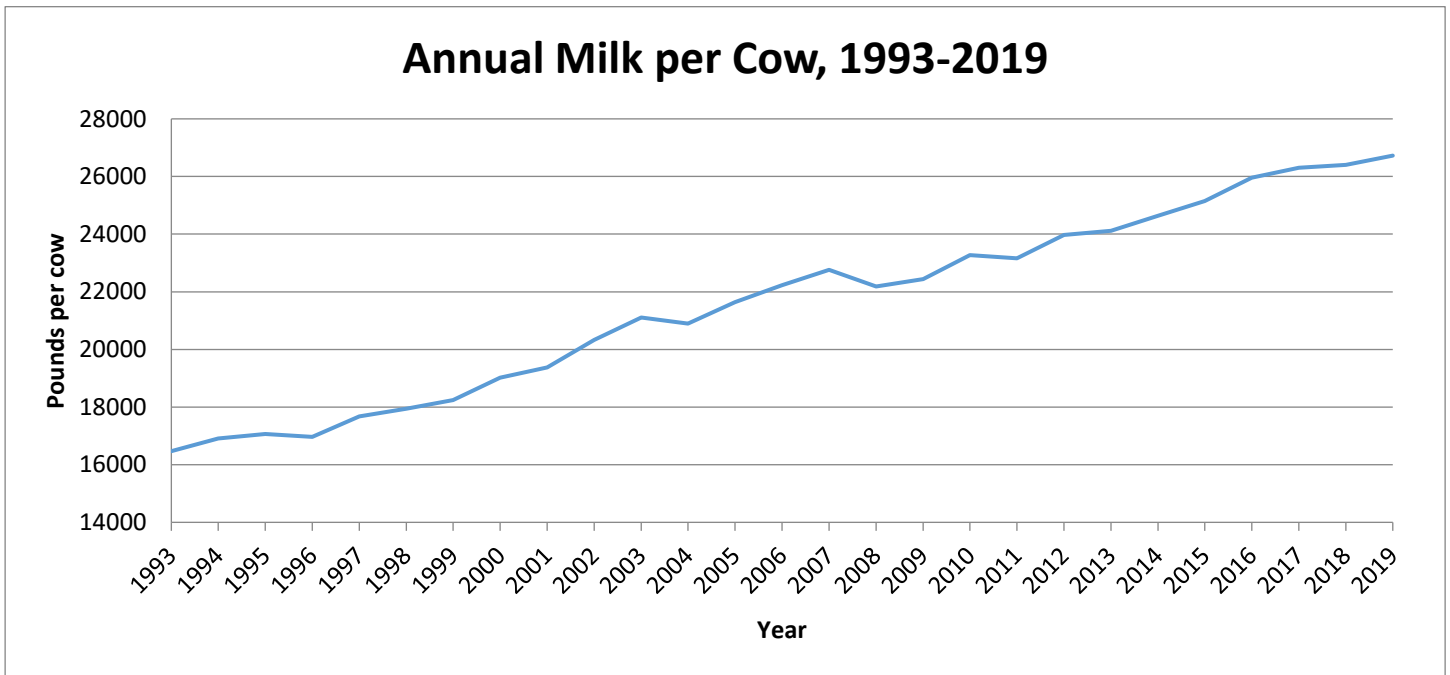


# Dairy

**Milk: Production, utilization, marketings, and value, 2015-2019**

Item	Unit	2015	2016	2017	2018	2019
<b>Production</b>						
Total milk produced on farms	Million pounds	10,261	10,876	11,231	11,171	11,385
Milkfat produced	Million pounds	375.6	399.1	417.8	426.7	436.0
Milkfat	Percent	3.66	3.67	3.72	3.82	3.83
<b>Utilization</b>						
Milk used where produced						
Fed to calves	Million pounds	26	32	33	34	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	16.60	15.10	16.40	14.90	17.30
Average return per pound milkfat	Dollars	4.54	4.11	4.41	3.90	4.52
Fluid grade	Percent	100	100	100	100	100
Total cash receipts	1,000 dollars	1,698,678	1,637,142	1,836,144	1,659,115	1,963,377
<b>Value</b>						
Value of milk used where produced <sup>1</sup>	1,000 dollars	332	302	328	298	346
Total value of milk produced	1,000 dollars	1,703,326	1,642,276	1,841,884	1,664,479	1,969,605

<sup>1</sup> Includes value of milk fed to calves and milk used by farm households.





**Milk cows: Number by month, 2015-2019**

Month	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>
January	403	413	425	426	424
February	403	414	425	425	424
March	403	416	425	425	425
April	404	417	426	423	425
May	407	418	427	423	425
June	408	419	427	423	425
July	409	420	427	423	425
August	410	422	428	423	427
September	410	422	428	422	428
October	410	422	428	422	428
November	411	423	428	422	427
December	412	425	428	422	427
Annual	408	419	427	423	426

**Milk production: Total by month, 2015-2019**

Month	2015	2016	2017	2018	2019
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
January	846	896	931	937	958
February	766	849	863	861	871
March	858	924	963	961	971
April	848	903	948	935	950
May	893	955	989	986	999
June	871	922	948	948	971
July	888	932	963	948	958
August	877	920	954	948	967
September	826	880	899	895	929
October	861	903	935	926	954
November	843	882	905	895	907
December	884	910	933	931	950
Annual	10,261	10,876	11,231	11,171	11,385

**Milk: Production per cow, by month, 2015-2019**

Month	2015	2016	2017	2018	2019
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
January	2,100	2,170	2,190	2,200	2,260
February	1,900	2,050	2,030	2,025	2,055
March	2,130	2,220	2,265	2,260	2,285
April	2,100	2,165	2,225	2,210	2,235
May	2,195	2,285	2,315	2,330	2,350
June	2,135	2,200	2,220	2,240	2,285
July	2,170	2,220	2,255	2,240	2,255
August	2,140	2,180	2,230	2,240	2,265
September	2,015	2,085	2,100	2,120	2,170
October	2,100	2,140	2,185	2,195	2,230
November	2,050	2,085	2,115	2,120	2,125
December	2,145	2,140	2,180	2,205	2,225
Annual	25,150	25,957	26,302	26,409	26,725

**Dairy Products, by Region, 2015-2019**

Product	Region	2015	2016	2017	2018	2019
		<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Cheese, total <sup>1</sup>	Central	5,293.5	5,493.3	5,859.5	6,000.4	5,999.8
Cheese, American type <sup>2</sup>	Central	2,250.2	2,300.3	2,581.5	2,637.3	2,600.8
Cheese, Italian	Central	2,025.1	2,136.6	2,202.0	2,250.2	2,270.7
Butter	Central	732.6	756.2	781.9	777.6	772.7
Cottage cheese, lowfat	Central	129.5	131.0	128.0	128.4	121.4
Cottage cheese, creamed	Central	151.9	161.2	168.9	181.9	182.9
Cottage cheese curd	Central	171.6	174.1	175.8	190.7	174.9
Yogurt, plain and flavored	Central	2,074.1	1,977.6	1,843.3	1,848.2	1,931.7
Condensed skim milk, unsweetened, bulk	Central	741.7	748.6	738.4	746.7	748.2
Nonfat dry milk for human food	Central	303.9	341.1	357.2	332.2	365.1
Dry whey for human food	Central	450.0	450.2	486.8	448.6	425.9
		<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Ice cream, regular, hard	Central	411,813	420,463	429,482	422,648	424,967
Ice cream, lowfat, total	Central	278,528	287,154	297,454	298,732	313,985
Sherbet, hard	Central	23,121	21,546	20,968	19,230	17,428
Frozen yogurt mix	Central	14,437	13,388	12,497	10,609	8,733
Ice cream mix, regular	Central	237,097	241,522	251,235	240,382	251,282
Ice cream mix, lowfat	Central	170,417	166,049	168,044	155,181	151,656
Ice cream mix, lowfat	Michigan	15,189	12,252	13,047	18,766	25,625
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Number of Plants	United States	1,273	1,298	1,305	1,275	1,266
Number of Plants	Michigan	52	51	51	49	47

<sup>1</sup> Excluding cottage cheese.

<sup>2</sup> 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, 2019-2020**

Month	Milk cows per head <sup>1</sup>	All milk wholesale per cwt
	<i>Dollars</i>	<i>Dollars</i>
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	1,320	18.50
November		19.20
December		19.40
2020		
January	1,260	18.40
February		17.70
March		16.60
April	1,300	13.00
May		12.10
June		14.80
July	1,320	17.00
August		16.90
September		16.70
October	1,360	16.90
November		18.50
December		

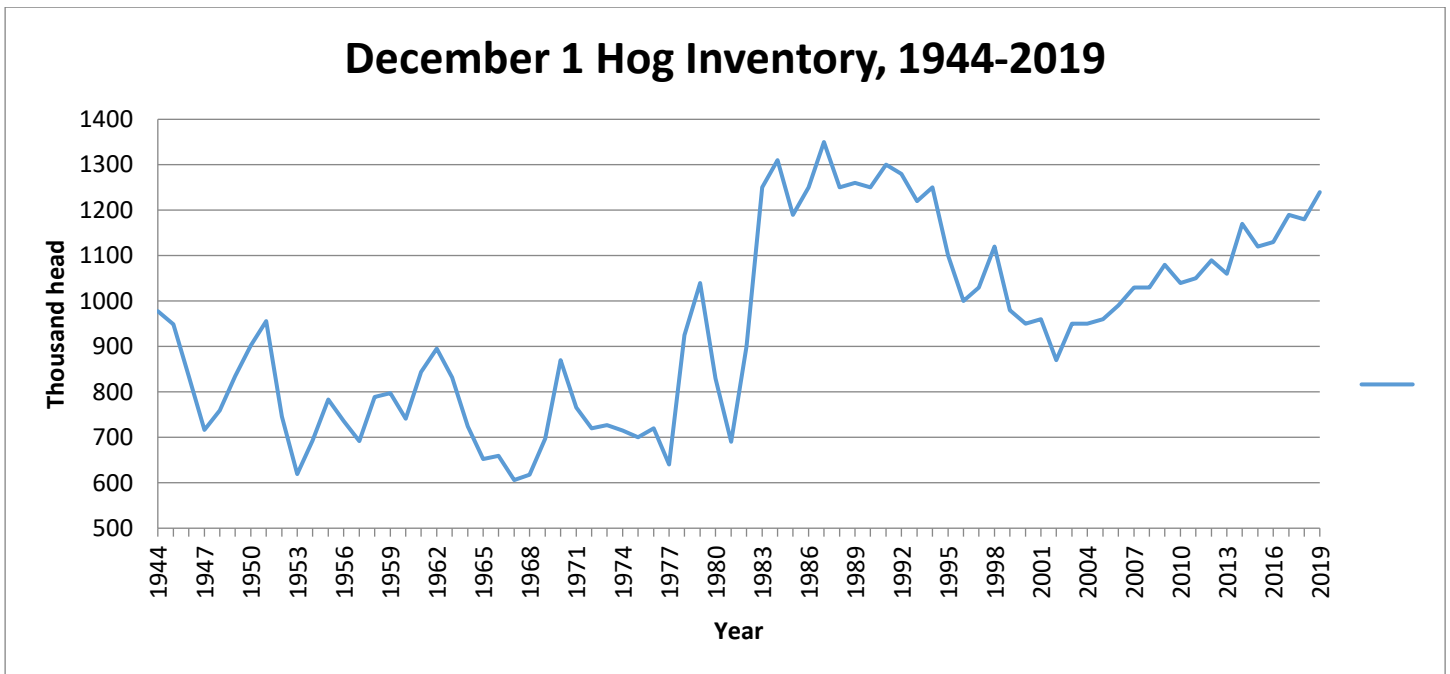
<sup>1</sup> Sold for dairy herd replacement only. Prices published January, April, July, and October.

# Hogs and Pigs

**Hogs and pigs: Inventory, 2016-2020**

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							
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	255	1,110	120	1,230
2020	335	300	230	255	1,120	120	1,240
June 1							
2016	305	255	240	240	1,040	110	1,150
2017	290	240	245	225	1,000	110	1,110
2018	300	290	220	260	1,070	120	1,190
2019	320	320	230	260	1,130	120	1,250
2020	310	290	220	240	1,060	120	1,180
September 1							
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	310	310	225	275	1,120	120	1,240
2020	325	305	225	245	1,100	120	1,220
December 1							
2016	300	265	215	240	1,020	110	1,130
2017	330	240	245	255	1,070	120	1,190
2018	320	280	210	250	1,060	120	1,180
2019	340	310	220	250	1,120	120	1,240
2020 <sup>1</sup>	360	330	245	245	1,180	120	1,300

<sup>1</sup> Published in December 2020.



### Hogs and pigs: Sows farrowing and pig crop, 2015-2020

Year	December-February <sup>1</sup>			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>
2016	51	10.60	541	48	10.50	504
2017	50	10.40	520	51	10.50	536
2018	53	10.70	567	52	10.90	567
2019	56	10.90	610	54	11.00	594
2020	57	11.10	633	54	10.60	572
	June-August			September-November		
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	55	11.10	611	56	10.85	608
2020	54	11.40	616	56	11.50	644

<sup>1</sup> December of previous year.

### Hogs and pigs: Balance sheet, 2015-2019

Year	Beginning inventory	Dec-Nov pig crop	Inshipments	Marketings <sup>1</sup>	Farm slaughter <sup>2</sup>	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>
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	2,317	183	2,437	2	71	1,180
2019	1,180	2,423	198	2,476	2	83	1,240

<sup>1</sup> Includes custom slaughter and state outshipments, but excludes sales within Michigan.

<sup>2</sup> Excludes custom slaughter for farmers at commercial establishments.

### Hogs and pigs: Production and income, 2015-2019

Year	Production <sup>1</sup>	Marketings <sup>2</sup>	Value of production	Cash receipts <sup>3</sup>	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>
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	612,414	618,170	316,357	323,414	590	324,004
2019	635,011	634,320	325,244	329,503	580	330,083

<sup>1</sup> Adjustments made for changes in inventory and for inshipments.

<sup>2</sup> Excludes custom slaughter for use on farms where produced and inter-farm sales within the state.

<sup>3</sup> Receipts from marketing and sales of farm slaughter. Includes allowance for higher average price of outshipments of feeder pigs.

# Honey

**Honey: Production and value, 2015-2019 <sup>1</sup>**

Year	Honey producing colonies	Yield per colony	Production	Price per pound	Value of production	Stocks Dec 15 <sup>2</sup>
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>
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	97	44	4,268	249	10,627	768
2019	94	50	4,700	236	11,092	1,363

<sup>1</sup> Includes only producers with 5 or more colonies.

<sup>2</sup> Stocks held by producers.

# Mink

**Mink: Farms, pelts produced and females bred to produce kits, 2016-2020**

Year	2016	2017	2018	2019	2020
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Pelts produced	64,500	78,340	63,200	65,020	( <sup>1</sup> )
Females bred to produce kits	17,640	19,900	17,180	17,340	1,270

<sup>1</sup> Published in July 2021.

# Poultry

## Chickens: Layers on hand, December 1, 2015-2019

Class	2015	2016	2017	2018	2019
	<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	13,249	14,193	14,737	16,149	15,076
Pullets not of laying age	3,704	3,937	3,655	3,476	3,835
Other chickens	0	3	4	4	3
All chickens (excluding broilers)	16,953	18,133	18,396	19,629	18,914

## All eggs: Production and value, 2015-2019 <sup>1</sup>

Year	Eggs produced	Value of production
	<i>Million</i>	<i>1,000 dollars</i>
2015	3,845	494,947
2016	3,964	163,234
2017	4,226	220,431
2018	4,548	364,078
2019	4,517	214,300

<sup>1</sup> December 1 previous year through November 30.

## All egg production, by month, 2015-2019

Month	2015	2016	2017	2018	2019
	<i>Million eggs</i>	<i>Million eggs</i>	<i>Million eggs</i>	<i>Million eggs</i>	<i>Million eggs</i>
December	334	329	361	369	407
January	327	331	347	365	403
February	294	318	319	343	357
March	328	345	366	394	404
April	315	333	355	383	384
May	323	335	355	388	393
June	310	320	337	368	377
July	318	332	360	382	370
August	325	325	363	394	355
September	318	312	346	381	334
October	331	337	359	391	363
November	322	346	358	389	370
Total <sup>1</sup>	3,845	3,964	4,226	4,548	4,517

<sup>1</sup> 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, 2015-2019**

Month	2015	2016	2017	2018	2019
	<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	13,093	13,138	14,109	14,747	16,150
January	13,062	13,208	14,079	14,857	16,140
February	13,147	13,383	14,331	15,301	16,157
March	12,916	13,313	14,375	15,554	16,257
April	12,710	13,130	14,286	15,249	16,172
May	12,780	12,954	14,338	15,074	15,767
June	12,904	13,109	14,326	15,157	15,210
July	13,069	13,336	14,335	15,262	14,637
August	12,991	13,225	14,125	15,671	14,109
September	12,771	13,369	14,041	15,926	13,986
October	12,843	13,961	14,320	15,845	14,483
November	13,120	14,238	14,601	16,003	14,959
Annual <sup>1</sup>	12,951	13,364	14,272	15,387	15,336

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

**Turkeys: Number raised and production, 2015-2019 <sup>1</sup>**

Year	Number produced	Pounds produced	Value of production
	<i>Thousand birds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
2015	5,200	204,880	166,158
2016	5,400	216,540	178,862
2017	5,100	206,040	133,102
2018	5,200	217,880	111,119
2019	5,300	232,670	134,716

<sup>1</sup> December 1 previous year through November 30.

## Sheep and Goats

**Sheep and lambs: Number on farms by class, January 1, 2016-2020**

Class	2016	2017	2018	2019	2020
	<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	42	44	41	45	45
Rams	3	3	3	3	3
Replacement lambs	13	14	13	14	12
Total market sheep and lambs	24	24	23	24	25
All sheep and lambs	82	85	80	86	85

**Sheep and lambs: Lamb crop, 2015-2019**

Year	Breeding ewes <sup>1</sup>	Lambs per 100 ewes <sup>1</sup>	Lamb crop
	<i>1,000 Head</i>	<i>Number</i>	<i>1,000 Head</i>
2015	40	123	49
2016	42	119	50
2017	44	111	49
2018	41	122	50
2019	45	120	54

<sup>1</sup> Ewes 1 year and older January 1.



**Sheep and lambs: Wool production and value, 2015-2019**

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>
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
2019	61	6.1	375	68	255

**Milk goats: Number,  
January 1, 2016-2020**

Year	Milk <i>Head</i>
2016	11,800
2017	12,500
2018	11,000
2019	12,000
2020	12,000

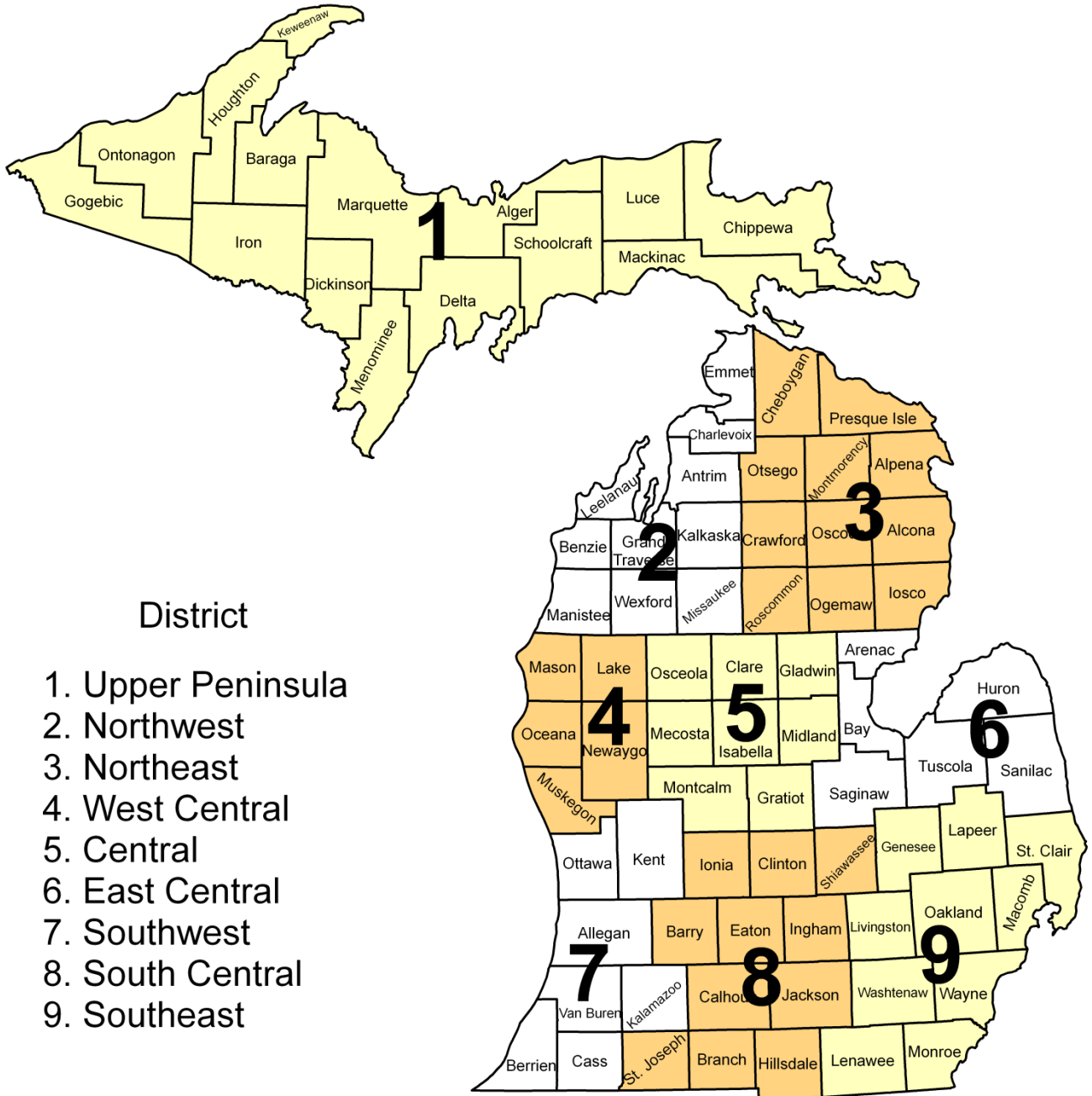
## Trout

**Trout: Value of fish sold and distributed, 2015-2019**

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>
2015	1,347	2,629	61	16
2016	1,402	5,106	193	34
2017	1,492	4,667	79	39
2018	1,588	2,565	152	39
2019	1,636	3,658	157	76

# 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, 2019 <sup>1</sup>**

Rank	Corn for grain	Dry beans <sup>3</sup>	Hay <sup>2</sup>	Oats	Soybeans	Sugarbeets <sup>3</sup>	Wheat
1	Huron	Huron	Sanilac	Mason	Sanilac	Huron	Huron
2	Sanilac	Tuscola	Missaukee	Huron	Lenawee	Sanilac	Sanilac
3	Branch	Sanilac	Osceola	Presque Isle	Saginaw	Tuscola	Tuscola
4	Saginaw	Bay	Huron	Grand Traverse	Gratiot	Saginaw	Lenawee
5	Tuscola	Saginaw	Chippewa	Alpena	Tuscola	Bay	Saginaw

<sup>1</sup> Based on total production.

<sup>2</sup> Based on 2017 Census of Agriculture

<sup>3</sup> 2018—Discontinued for 2019

**Principal counties for livestock <sup>1</sup>**

Rank	January 1, 2020 Cattle and calves	Hogs and pigs <sup>2</sup>	January 1, 2020 Milk cows
1	Huron	Allegan	Huron
2	Sanilac	Cass	Clinton
3	Clinton	Mecosta	Sanilac
4	Gratiot	Kalamazoo	Allegan
5	Allegan	Ionia	Gratiot

<sup>1</sup> Based on number of head.

<sup>2</sup> Based on 2017 Census of Agriculture

**Principal counties for fruits and vegetables, 2017 <sup>1</sup>**

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

<sup>1</sup> Based on acres from 2017 Census of Agriculture.

**Corn: Acreage, yield, and production, by county, 2018-2019 <sup>1</sup>**

County and district	2018				2019			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>
Delta	(D)	(D)	(D)	(D)	2,500	1,500	116.7	175
Menominee	(D)	(D)	(D)	(D)	12,500	4,100	73.2	300
Other counties	(D)	(D)	(D)	(D)	3,000	1,400	117.9	165
<b>Upper Peninsula</b>	(D)	(D)	(D)	(D)	18,000	7,000	91.4	640
Benzie	(D)	(D)	(D)	(D)	1,000	600	91.7	55
Emmet	(D)	(D)	(D)	(D)	800	200	100.0	20
Grand Traverse	(D)	(D)	(D)	(D)	6,400	4,000	145.0	580
Leelanau	(D)	(D)	(D)	(D)	2,200	1,900	121.1	230
Manistee	(D)	(D)	(D)	(D)	3,700	2,100	119.0	250
Missaukee	(D)	(D)	(D)	(D)	22,400	2,300	152.2	350
Other counties	(D)	(D)	(D)	(D)	10,500	5,900	116.1	685
<b>Northwest</b>	(D)	(D)	(D)	(D)	47,000	17,000	127.6	2,170
Alpena	6,400	4,200	109.5	460	6,400	4,200	131.0	550
Iosco	(D)	(D)	(D)	(D)	5,700	3,800	117.1	445
Montmorency	1,200	800	85.0	68	1,400	1,000	115.0	115
Ogemaw	13,000	7,900	162.0	1,280	13,500	8,900	151.7	1,350
Otsego	800	600	93.3	56	1,300	1,100	127.3	140
Presque Isle	6,300	4,300	119.8	515	5,600	4,100	126.8	520
Other counties	11,300	8,200	117.2	961	4,100	2,900	110.3	320
<b>Northeast</b>	39,000	26,000	128.5	3,340	38,000	26,000	132.3	3,440
Lake	1,400	1,100	109.1	120	(D)	(D)	(D)	(D)
Mason	14,000	11,700	132.5	1,550	13,700	11,000	155.5	1,710
Muskegon	14,100	9,400	134.0	1,260	(D)	(D)	(D)	(D)
Newaygo	23,300	10,300	114.1	1,175	21,800	9,200	138.0	1,270
Oceana	15,200	12,500	122.8	1,535	12,900	10,100	144.6	1,460
Other counties					13,600	9,700	139.2	1,350
<b>West Central</b>	68,000	45,000	125.3	5,640	62,000	40,000	144.8	5,790
Clare	6,200	3,500	104.3	365	(D)	(D)	(D)	(D)
Gladwin	7,300	5,900	155.9	920	(D)	(D)	(D)	(D)
Gratiot	89,000	67,000	167.2	11,200	(D)	(D)	(D)	(D)
Isabella	43,000	31,500	143.8	4,530	41,000	31,500	140.6	4,430
Mecosta	24,500	20,300	113.8	2,310	23,500	19,500	135.9	2,650
Midland	21,500	20,600	164.6	3,390	(D)	(D)	(D)	(D)
Montcalm	61,500	52,000	155.2	8,070	63,000	53,000	145.5	7,710
Osceola	12,000	4,200	98.8	415	(D)	(D)	(D)	(D)
Other counties					132,500	96,000	145.4	13,960
<b>Central</b>	265,000	205,000	152.2	31,200	260,000	200,000	143.8	28,750
Arenac	17,000	14,500	158.6	2,300	18,000	15,000	134.7	2,020
Bay	48,500	46,500	174.2	8,100	50,000	47,000	146.4	6,880
Huron	99,500	67,500	177.8	12,000	102,000	70,000	175.7	12,300
Saginaw	85,500	82,500	173.3	14,300	76,000	73,000	157.5	11,500
Sanilac	104,000	84,000	169.0	14,200	100,000	74,000	163.5	12,100
Tuscola	75,500	70,000	172.9	12,100	74,000	66,000	165.2	10,900
<b>East Central</b>	430,000	365,000	172.6	63,000	420,000	345,000	161.4	55,700

See footnote(s) at end of table.

--continued

**Corn: Acreage, yield, and production, by county, 2018-2019 <sup>1</sup> (continued)**

County and district	2018				2019			
	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	68,000	51,000	157.5	8,030	66,000	50,000	136.0	6,800
Berrien	46,500	45,500	163.7	7,450	(D)	(D)	(D)	(D)
Cass	69,000	68,000	145.6	9,900	70,000	69,500	145.3	10,100
Kalamazoo	(D)	(D)	(D)	(D)	54,000	50,000	138.4	6,920
Kent	38,000	31,000	154.8	4,800	37,000	29,500	153.6	4,530
Ottawa	40,500	27,500	151.6	4,170	(D)	(D)	(D)	(D)
Other counties	93,000	87,000	145.4	12,650	128,000	111,000	142.8	15,850
<b>Southwest</b>	355,000	310,000	151.6	47,000	355,000	310,000	142.6	44,200
Barry	41,500	29,500	149.2	4,400	35,000	24,000	132.5	3,180
Branch	82,000	78,000	152.6	11,900	81,000	76,000	157.9	12,000
Calhoun	76,500	71,500	144.1	10,300	77,000	71,000	136.8	9,710
Clinton	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Eaton	54,000	53,000	150.0	7,950	32,000	30,000	140.3	4,210
Hillsdale	68,000	61,000	154.9	9,450	50,000	42,000	163.6	6,870
Ingham	53,000	46,000	142.4	6,550	48,000	38,500	150.9	5,810
Ionia	78,000	61,000	158.2	9,650	73,000	52,000	165.0	8,580
Jackson	56,000	51,000	127.5	6,500	56,000	51,000	158.2	8,070
St Joseph	77,000	74,000	123.6	9,150	(D)	(D)	(D)	(D)
Shiawassee	(D)	(D)	(D)	(D)	40,000	34,000	147.9	5,030
Other counties	124,000	95,000	138.4	13,150	123,000	96,500	122.7	11,840
<b>South Central</b>	710,000	620,000	143.5	89,000	615,000	515,000	146.2	75,300
Genesee	29,500	28,000	144.3	4,040	17,000	15,500	140.0	2,170
Lapeer	36,000	33,000	172.7	5,700	30,500	25,000	148.8	3,720
Lenawee	102,000	88,500	165.0	14,600	48,000	31,000	174.8	5,420
Livingston	20,000	17,700	144.1	2,550	15,000	12,500	149.6	1,870
Macomb	11,500	10,500	172.4	1,810	6,500	5,400	160.2	865
Monroe	50,000	49,500	167.7	8,300	24,500	23,000	181.3	4,170
Oakland	2,800	2,700	151.9	410	2,400	2,100	133.3	280
St Clair	26,000	25,000	176.0	4,400	18,000	16,000	148.1	2,370
Washtenaw	36,500	34,500	142.6	4,920	22,500	19,000	156.3	2,970
Wayne	700	600	116.7	70	600	500	130.0	65
<b>Southeast</b>	315,000	290,000	161.4	46,800	185,000	150,000	159.3	23,900
Other districts	68,000	29,000	110.0	3,190				
<b>Michigan</b>	2,250,000	1,890,000	153.0	289,170	2,000,000	1,610,000	147.0	236,670

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

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

**Oats: Acreage, yield, and production, by county, 2018-2019 <sup>1</sup>**

County and district	2018				2019			
	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	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Dickinson	(D)	(D)	(D)	(D)	900	200	35.5	7.1
Menominee					1,900	500	42.8	21.4
Other counties	13,200	10,500	59.0	620.0	5,200	2,300	46.7	107.5
<b>Upper Peninsula</b>	13,200	10,500	59.0	620.0	8,000	3,000	45.3	136.0
Charlevoix					800	300	69.0	20.7
Grand Traverse	3,100	1,600	58.2	93.1	2,700	1,000	51.6	51.6
Leelanau	500	300	46.7	14.0	700	200	68.0	13.6
Missaukee	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wexford	1,100	800	42.9	34.3	700	200	49.5	9.9
Other counties	4,100	2,100	44.6	93.6	3,300	800	55.3	44.2
<b>Northwest</b>	8,800	4,800	49.0	235.0	8,200	2,500	56.0	140.0
Alpena					2,200	1,000	50.6	50.6
Cheboygan	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Iosco	(D)	(D)	(D)	(D)	1,200	700	64.6	45.2
Otsego					1,200	700	62.0	43.4
Presque Isle					3,400	1,400	51.0	71.4
Other counties	11,000	7,500	54.0	405.0	3,500	1,700	63.2	107.4
<b>Northeast</b>	11,000	7,500	54.0	405.0	11,500	5,500	57.8	318.0
Mason	(D)	(D)	(D)	(D)	2,600	1,400	60.7	85.0
Muskegon					600	300	70.0	21.0
Newaygo	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oceana					1,200	600	51.7	31.0
Other counties	5,100	2,500	62.0	155.0	1,200	700	40.0	28.0
<b>West Central</b>	5,100	2,500	62.0	155.0	5,600	3,000	55.0	165.0
Clare	900	800	63.1	50.5	800	300	56.7	17.0
Gladwin	900	800	66.5	53.2	1,000	500	56.2	28.1
Isabella	(D)	(D)	(D)	(D)	2,600	800	51.3	41.0
Mecosta	(D)	(D)	(D)	(D)	1,900	900	48.3	43.5
Montcalm					3,000	600	52.3	31.4
Osceola					1,200	300	50.7	15.2
Other counties	12,600	9,400	51.7	486.3	1,300	200	69.0	13.8
<b>Central</b>	14,400	11,000	53.6	590.0	11,800	3,600	52.8	190.0

See footnote(s) at end of table.

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**Oats: Acreage, yield, and production, by county, 2018-2019 <sup>1</sup> (continued)**

County and district	2018				2019			
	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	(D)	(D)	(D)	(D)	2,200	900	88.9	80.0
Saginaw	800	600	87.3	52.4	2,500	900	38.9	35.0
Tuscola	1,000	600	97.2	58.3	1,500	500	96.0	48.0
Other counties	6,600	5,100	88.1	449.3	4,000	700	65.7	46.0
<b>East Central</b>	8,400	6,300	88.9	560.0	10,200	3,000	69.7	209.0
Allegan	(D)	(D)	(D)	(D)	800	100	63.0	6.3
Kent	(D)	(D)	(D)	(D)	1,200	600	59.2	35.5
Ottawa					800	200	41.0	8.2
Other counties	(D)	(D)	(D)	(D)	1,100	300	76.7	23.0
<b>Southwest</b>	(D)	(D)	(D)	(D)	3,900	1,200	60.8	73.0
Clinton					500	100	76.0	7.6
Hillsdale	(D)	(D)	(D)	(D)	2,200	500	62.4	31.2
Ionia					700	200	92.5	18.5
Jackson	900	400	60.3	24.1	500	200	40.0	8.0
Shiawassee	1,400	1,100	82.3	90.5				
Other counties	4,500	2,200	75.2	165.4	2,900	1,200	63.9	76.7
<b>South Central</b>	6,800	3,700	75.7	280.0	6,800	2,200	64.5	142.0
Lapeer	(D)	(D)	(D)	(D)	500	200	42.0	8.4
Washtenaw					800	300	50.0	15.0
Other counties	(D)	(D)	(D)	(D)	2,700	500	57.2	28.6
<b>Southeast</b>	(D)	(D)	(D)	(D)	4,000	1,000	52.0	52.0
<b>Other districts</b>	7,300	3,700	82.4	305.0				
<b>Michigan</b>	75,000	50,000	63.0	3,150.0	70,000	25,000	57.0	1,425.0

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

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

**Soybeans: Acreage, yield, and production, by county, 2018-2019 <sup>1</sup>**

County and district	2018				2019			
	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	1,500	1,400	41.4	58	(D)	(D)	(D)	(D)
Other counties	3,100	2,900	36.9	107	(D)	(D)	(D)	(D)
<b>Northwest</b>	4,600	4,300	38.4	165	(D)	(D)	(D)	(D)
Alcona					1,300	1,300	35.2	46
Alpena					9,700	9,600	31.9	306
Iosco					3,400	3,400	41.8	142
Montmorency	(D)	(D)	(D)	(D)	3,500	3,500	30.6	107
Ogemaw	(D)	(D)	(D)	(D)	4,500	4,300	44.2	190
Otsego	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Presque Isle					7,800	7,500	27.2	204
Other counties	(D)	(D)	(D)	(D)	1,300	1,300	34.8	45
<b>Northeast</b>	(D)	(D)	(D)	(D)	31,500	30,900	33.7	1,040
Mason	7,300	7,200	45.1	325	5,500	5,400	42.0	227
Muskegon	9,100	9,000	42.1	379	5,900	5,800	40.5	235
Newaygo	8,300	8,100	39.0	316	4,700	4,600	36.1	166
Oceana	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other counties	7,300	7,200	37.8	272	3,900	3,700	42.4	157
<b>West Central</b>	32,000	31,500	41.0	1,292	20,000	19,500	40.3	785
Clare	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Gladwin	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Gratiot	89,200	89,000	51.2	4,560				
Isabella	60,400	60,000	39.3	2,360	51,500	51,200	42.2	2,159
Mecosta	8,900	8,700	39.3	342	6,500	6,400	34.4	220
Midland	28,300	28,200	50.5	1,425	22,900	22,600	39.5	892
Montcalm	28,300	28,000	38.5	1,078	24,800	24,500	35.3	865
Osceola	(D)	(D)	(D)	(D)	1,300	1,300	44.6	58
Other counties	20,900	20,600	42.0	865	93,000	91,600	41.3	3,786
<b>Central</b>	236,000	234,500	45.3	10,630	200,000	197,600	40.4	7,980
Arenac	20,300	20,000	45.9	918				
Bay	57,300	56,700	56.3	3,191				
Huron	62,900	62,200	56.6	3,520	60,800	60,000	44.4	2,663
Saginaw	120,500	119,300	50.4	6,011	86,400	85,000	42.0	3,569
Sanilac	139,500	136,600	52.4	7,160	110,000	108,000	40.3	4,356
Tuscola	83,500	82,700	49.6	4,100	73,000	71,000	43.9	3,120
Other counties					69,800	68,000	33.6	2,285
<b>East Central</b>	484,000	477,500	52.1	24,900	400,000	392,000	40.8	15,993
Allegan	43,800	43,700	46.2	2,020	36,000	34,900	41.5	1,449
Berrien	43,700	43,500	47.1	2,050				
Cass	51,400	51,200	49.0	2,510	46,000	45,500	46.8	2,128
Kalamazoo	36,200	36,100	49.0	1,770	30,000	29,200	46.7	1,364
Kent					21,500	21,200	45.2	958
Ottawa	28,600	28,500	49.1	1,400	17,300	17,000	42.9	729
Other counties	57,300	57,000	48.2	2,750	57,200	54,200	37.5	2,032
<b>Southwest</b>	261,000	260,000	48.1	12,500	208,000	202,000	42.9	8,660
Barry	34,000	33,700	46.3	1,560				
Branch	78,000	77,600	49.5	3,840	63,500	62,800	48.6	3,050
Calhoun	82,500	82,000	44.5	3,650	66,800	65,500	36.3	2,380
Clinton	71,000	70,000	41.4	2,895	49,500	48,800	39.1	1,910
Eaton	82,100	81,700	47.6	3,885	53,000	52,400	34.4	1,800
Hillsdale	83,000	82,600	45.7	3,775	62,000	61,700	41.8	2,580
Ingham	59,600	59,200	50.3	2,980	44,700	44,000	39.8	1,750
Ionia	66,300	66,000	50.5	3,330	55,500	55,000	46.1	2,538
Jackson	48,400	48,000	38.3	1,840	40,600	40,000	39.8	1,592
St Joseph	61,600	61,100	52.0	3,175				
Shiawassee	98,500	98,100	47.1	4,625	68,900	68,000	34.9	2,370
<b>South Central</b>	765,000	760,000	46.8	35,555	585,000	576,000	40.9	23,560

See footnote(s) at end of table.

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**Soybeans: Acreage, yield, and production, by county, 2018-2019 <sup>1</sup> (continued)**

County and district	2018				2019			
	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	46,000	45,400	43.8	1,990	27,000	26,800	31.1	834
Lapeer	52,000	51,700	44.3	2,290	33,800	32,900	33.7	1,110
Lenawee	136,500	135,800	51.1	6,941	87,500	87,000	45.9	3,996
Livingston	20,000	19,700	47.3	932				
Macomb	31,000	30,500	47.2	1,440	14,000	13,700	38.0	521
Monroe	86,500	85,900	44.7	3,840	57,000	56,800	49.0	2,784
Oakland	3,700	3,700	43.0	159	2,600	2,500	34.6	87
St Clair	74,000	73,700	44.5	3,277	41,000	40,800	35.3	1,440
Washtenaw	52,000	51,400	42.7	2,196	30,500	30,300	43.0	1,303
Wayne	3,300	3,200	39.1	125				
Other counties					16,600	16,200	41.1	666
<b>Southeast</b>	505,000	501,000	46.3	23,190	310,000	307,000	41.5	12,740
Other districts	42,400	41,200	36.2	1,493	5,500	5,000	34.4	172
<b>Michigan</b>	2,330,000	2,310,000	47.5	109,725	1,760,000	1,720,000	40.5	69,660

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

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

**Wheat: Acreage, yield, and production, by county, 2018-2019 <sup>1</sup>**

County and district	2018				2019			
	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	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ogemaw	3,700	3,600	64.7	233				
Otsego	1,100	900	60.0	54				
Presque Isle					4,800	4,300	46.5	200
Other counties	12,200	11,500	47.4	545	9,200	7,400	55.0	407
<b>Northeast</b>	17,000	16,000	52.0	832	14,000	11,700	51.9	607
Mason	5,000	4,700	66.0	310	4,200	3,700	59.7	221
Muskegon	2,200	900	72.2	65	(D)	(D)	(D)	(D)
Newaygo	3,300	1,700	68.8	117	3,000	2,600	61.5	160
Oceana					3,100	2,900	53.8	156
Other counties	3,000	2,700	65.9	178	2,200	1,900	51.6	98
<b>West Central</b>	13,500	10,000	67.0	670	12,500	11,100	57.2	635
Clare	1,400	1,300	55.0	72	1,000	600	56.7	34
Gladwin					1,700	1,200	34.6	42
Gratiot	18,700	18,500	86.0	1,591	21,100	18,100	70.7	1,280
Isabella	13,300	12,700	71.0	902	14,400	11,800	70.3	830
Mecosta	(D)	(D)	(D)	(D)	2,900	2,600	60.8	158
Midland	3,500	3,400	75.6	257	4,300	3,200	77.2	247
Osceola	1,300	1,200	57.9	70	(D)	(D)	(D)	(D)
Other counties	22,300	21,900	72.7	1,593	18,600	17,200	63.4	1,091
<b>Central</b>	60,500	59,000	76.0	4,484	64,000	54,700	67.3	3,681

See footnote(s) at end of table.

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**Wheat: Acreage, yield, and production, by county, 2018-2019 <sup>1</sup> (continued)**

County and district	2018				2019			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>
Arenac	7,000	6,800	66.0	449	6,900	5,000	70.0	350
Bay	13,000	12,000	85.0	1,020	14,500	12,900	79.0	1,019
Huron	70,000	60,000	83.1	4,986	77,000	70,000	88.9	6,220
Saginaw	19,000	18,500	80.0	1,480	23,100	20,300	76.5	1,553
Sanilac	48,000	43,000	83.1	3,574	52,500	48,800	77.2	3,768
Tuscola	31,000	29,700	78.0	2,317	35,000	29,000	81.4	2,362
<b>East Central</b>	188,000	170,000	81.3	13,826	209,000	186,000	82.1	15,272
Allegan	4,900	4,700	70.0	329	6,200	3,800	64.2	244
Berrien	1,300	1,300	65.7	85	1,700	1,600	67.5	108
Cass	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Kalamazoo	(D)	(D)	(D)	(D)	2,900	2,700	69.3	187
Kent	5,500	5,300	68.1	361	5,500	5,400	61.9	334
Ottawa	3,900	3,300	73.9	244				
Other counties	10,400	5,400	62.0	335	8,700	7,400	61.4	454
<b>Southwest</b>	26,000	20,000	67.7	1,354	25,000	20,900	63.5	1,327
Barry	5,000	4,500	66.0	297				
Branch	2,500	2,400	60.0	144				
Calhoun	4,000	3,800	60.0	228	5,600	5,400	63.5	343
Clinton	20,000	19,500	83.0	1,619	23,100	22,200	69.4	1,540
Eaton	12,000	11,500	68.0	782	14,800	13,800	59.3	818
Hillsdale	10,000	9,800	70.0	686	10,000	9,500	58.6	557
Ingham	11,500	11,300	75.5	853	14,000	13,600	72.1	980
Ionia	12,000	11,500	86.0	989	13,500	13,000	71.8	933
Jackson	7,000	6,800	70.0	476	7,400	7,300	64.5	471
St Joseph	3,500	900	60.0	54				
Shiawassee	22,500	22,000	76.0	1,672	20,500	16,900	69.1	1,167
Other counties					12,100	11,500	60.0	690
<b>South Central</b>	110,000	104,000	75.0	7,800	121,000	113,200	66.2	7,499
Genesee	5,500	5,300	79.1	419	5,800	5,300	59.8	317
Lapeer	4,500	4,400	69.1	304	6,200	5,700	56.3	321
Lenawee	28,000	27,300	80.0	2,184	30,500	26,900	65.2	1,754
Livingston	4,500	4,400	80.0	352	5,600	5,400	58.1	314
Macomb	2,000	1,900	75.3	143	2,100	1,900	71.6	136
Monroe	19,000	18,300	73.0	1,336	20,900	19,000	62.2	1,181
St Clair	10,000	9,500	87.1	827	11,100	9,200	66.2	609
Washtenaw	11,000	10,500	73.0	767	12,000	11,700	64.3	752
Other counties	1,500	1,400	75.0	105	1,300	1,100	50.9	56
<b>Southeast</b>	86,000	83,000	77.6	6,437	95,500	86,200	63.1	5,440
<b>Other districts</b>	9,000	8,000	39.6	317	9,000	6,200	53.1	329
<b>Michigan</b>	510,000	470,000	76.0	35,720	550,000	490,000	71.0	34,790

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

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

**Cattle: January 1, by county, 2019-2020**

County	All cattle and calves		Milk cows		County	All cattle and calves		Milk cows	
	2019	2020	2019	2020		2019	2020	2019	2020
	<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	51,000	51,000	22,500	23,000	Mason	9,900	9,800	2,800	2,800
Alpena	9,100	9,000	3,500	3,500	Mecosta	16,200	16,100	5,100	5,200
Antrim	4,500	4,500	(D)	(D)	Menominee	17,900	17,700	7,400	7,500
Arenac	8,400	8,300	3,500	3,500	Midland	7,400	7,300	(D)	(D)
Baraga	(D)	(D)			Missaukee	32,000	31,500	17,000	17,200
Barry	32,000	31,500	15,400	15,500	Monroe	3,700	3,700	700	700
Bay	5,300	5,300	1,800	1,800	Montcalm	26,500	26,000	10,800	10,900
Benzie	1,100	1,100			Montmorency	2,200	2,200	700	700
					Muskegon	13,400	13,300	6,400	6,500
Berrien	4,400	4,400	1,200	1,200					
Branch	12,300	12,200	3,900	3,900	Newaygo	28,000	27,500	13,700	13,900
Calhoun	14,000	13,900	4,800	4,900	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	16,600	16,500	7,300	7,400
Cheboygan	5,500	5,500	900	900	Ontonagon	1,900	1,900	(D)	(D)
Chippewa	6,500	6,500	800	800	Osceola	19,500	19,300	6,900	7,000
Clare	9,400	9,300	2,900	2,900	Oscoda	3,700	3,700	1,200	1,200
Clinton	62,000	62,000	31,000	31,500	Otsego	1,300	1,300	(D)	(D)
Crawford	(D)	(D)			Ottawa	42,000	41,500	14,800	14,900
Delta	7,100	7,000	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	12,200	12,100	2,200	2,200	Saginaw	8,100	8,000	2,900	2,900
Emmet	3,800	3,800	300	300	Sanilac	70,000	69,000	27,000	27,500
Genesee	5,800	5,800	1,500	1,500	Schoolcraft	(D)	(D)	(D)	(D)
Gladwin	6,200	6,200	1,100	1,100	Shiawassee	17,900	17,700	6,200	6,300
Gogebic	(D)	(D)			Tuscola	22,000	22,000	7,000	7,100
Grand Traverse	3,100	3,100	200	200	Van Buren	12,800	12,700	6,000	6,100
Gratiot	53,000	52,000	21,000	21,500					
Hillsdale	26,500	26,000	11,500	11,600	Washtenaw	9,800	9,800	2,300	2,300
					Wayne	(D)	200		
Houghton	1,600	1,600	400	400	Wexford	3,500	3,500	1,000	1,000
Huron	145,000	145,000	46,000	46,500					
Ingham	15,800	15,700	5,800	5,900	Other counties	4,900	4,700	6,000	6,000
Ionia	49,500	48,500	19,000	19,200					
Iosco	6,900	6,900	2,200	2,200	<b>Michigan</b>	<b>1,160,000</b>	<b>1,150,000</b>	<b>422,000</b>	<b>427,000</b>
Iron	1,200	1,200							
Isabella	25,000	24,500	8,000	8,100					
Jackson	15,300	15,200	3,400	3,400					
Kalamazoo	12,800	12,700	6,000	6,100					
Kalkaska	700	700	(D)	(D)					
Kent	28,500	28,000	8,900	9,000					
Keweenaw	(D)	(D)							
Lake	2,000	2,000	(D)	(D)					
Lapeer	15,300	15,200	3,400	3,400					
Leelanau	2,100	2,100	200	200					
Lenawee	34,000	33,500	14,000	14,100					
Livingston	7,300	7,300	2,000	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	<a href="http://www.ams.usda.gov/AMSV1.0">www.ams.usda.gov/AMSV1.0</a>
APHIS-Animal and Plant Health Inspection Service	<a href="http://www.aphis.usda.gov">www.aphis.usda.gov</a>
ERS-Economic Research Service	<a href="http://www.ers.usda.gov">www.ers.usda.gov</a>
FSA-Farm Service Agency	<a href="http://www.fsa.usda.gov">www.fsa.usda.gov</a>
MDARD-Michigan Department of Agriculture & Rural Development	<a href="http://www.michigan.gov/mdard">www.michigan.gov/mdard</a>
MSU Extension	<a href="http://msue.anr.msu.edu">msue.anr.msu.edu</a>
MSU College of Agriculture & Natural Resources	<a href="http://www.canr.msu.edu">www.canr.msu.edu</a>
NASS-National Agricultural Statistics Service	<a href="http://www.nass.usda.gov">www.nass.usda.gov</a>
NRCS-Natural Resources Conservation Service	<a href="http://www.nrcs.usda.gov">www.nrcs.usda.gov</a>
RD-Rural Development	<a href="http://www.rd.usda.gov">www.rd.usda.gov</a>
USDA-United States Department of Agriculture	<a href="http://www.usda.gov">www.usda.gov</a>
USDA, NASS, Michigan Field Office	<a href="http://www.nass.usda.gov/mi">www.nass.usda.gov/mi</a>

## Commodity Groups

Apples-Michigan Apple Committee	<a href="http://www.michiganapples.com">www.michiganapples.com</a>
Asparagus-Michigan Asparagus	<a href="http://www.asparagus.org">www.asparagus.org</a>
Blueberries-The Blueberry People	<a href="http://www.blueberries.com">www.blueberries.com</a>
Cattle-Michigan Beef Industry Commission	<a href="http://www.mibeef.org">www.mibeef.org</a>
Celery-Michigan Celery	<a href="http://www.michigancelery.com">www.michigancelery.com</a>
Cherries-Cherry Industry Administrative Board (CIAB)	<a href="http://www.cherryboard.org">www.cherryboard.org</a>
Cherries-Cherry Marketing Institute	<a href="http://www.choosecherries.com">www.choosecherries.com</a>
Corn-Michigan Corn	<a href="http://www.micorn.org">www.micorn.org</a>
Dairy-Michigan Milk Producers Association (MMPA)	<a href="http://www.mimilk.com">www.mimilk.com</a>
Dairy-United Dairy Industry of MI	<a href="http://www.milkmeansmore.org">www.milkmeansmore.org</a>
Dry Beans-Michigan Bean Commission	<a href="http://www.michiganbean.org">www.michiganbean.org</a>
Dry Beans-Michigan Agri-Business Association (MABA)	<a href="http://www.miagbiz.org">www.miagbiz.org</a>
Equine-Michigan Equine Partnership	<a href="http://www.miequine.com">www.miequine.com</a>
Floriculture-Great Lakes Floral Association	<a href="http://www.greatlakesfloralassociation.org">www.greatlakesfloralassociation.org</a>
Grapes-Michigan Grape and Wine Industry Council	<a href="http://www.winematch.com">www.winematch.com</a>
Horses-Michigan Horse Council	<a href="http://www.michiganhorsecouncil.com">www.michiganhorsecouncil.com</a>
Nursery-Michigan Nursery & Landscape Association (MNLA)	<a href="http://www.mnla.org">www.mnla.org</a>
Peaches-Michigan Peach Sponsors	<a href="http://www.michiganpeach.org">www.michiganpeach.org</a>
Pork-National Pork Producers Council (NPPC)	<a href="http://www.nppc.org">www.nppc.org</a>
Potatoes-Michigan Potato Industry Commission	<a href="http://www.mipotato.com">www.mipotato.com</a>
Soybeans-Michigan Soybean Promotion Committee (MSPC)	<a href="http://www.michigansoybean.org">www.michigansoybean.org</a>
Turfgrass-Michigan Turfgrass Foundation (MTF)	<a href="http://www.michiganturfgrass.org">www.michiganturfgrass.org</a>
Turkeys-Michigan Turkey Producers Co-op	<a href="http://www.miturkey.com">www.miturkey.com</a>

## Other Related Sites

American Farm Bureau Federation	<a href="http://www.fb.org">www.fb.org</a>
GreenStone Farm Credit Services	<a href="http://www.greenstonefcs.com">www.greenstonefcs.com</a>
Michigan Agritourism Association	<a href="http://www.michiganfarmfun.com">www.michiganfarmfun.com</a>
Michigan Food and Farming Systems-MIFFS	<a href="http://www.miffs.org">www.miffs.org</a>
Michigan Market Maker	<a href="http://mi.foodmarketmaker.com">http://mi.foodmarketmaker.com</a>
MSU Agricultural Weather Office	<a href="http://www.agweather.geo.msu.edu">www.agweather.geo.msu.edu</a>

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## 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](http://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](http://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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## AUTOFAX ACCESS

NASS Fax service is available for some reports from your fax machine. Please call 202-720-2000, using the handset attached to your fax. Respond to the voice prompts.

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## PRINTED REPORTS OR DATA PRODUCTS

CALL OUR TOLL-FREE ORDER DESK: 1-800-999-6779 (U.S. and Canada)

Other areas, please call 1-703-605-6220 FAX: 1-703-605-6900

(Visa, MasterCard, check, or money order acceptable for payment).

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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](mailto:nass@nass.usda.gov).

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