

Rank in U.S. agriculture by selected commodities, 2022

Rank	Item	Unit	Quantity	Percent of U.S.	Leading state
			<i>Thousands</i>	<i>Percent</i>	
1	Beans, dry, black	Cwt	2,969	49.5	Michigan
	Beans, dry, cranberry	Cwt	72	35.5	Michigan
	Cherries, tart	Pounds	180,500	73.9	Michigan
	Geraniums, cuttings	Dollars	26,228	14.3	Michigan
	Begonias	Dollars	30,944	16.8	Michigan
	Impatients, other	Dollars	14,520	18.3	Michigan
	Marigolds	Dollars	10,012	14.2	Michigan
	Petunias	Dollars	44,653	19.6	Michigan
	Asparagus	Cwt	274	51.1	Michigan
	Hardy Chrysanthemums	Pots	10,538	17.2	Michigan
	New Guinea Impatients	Dollars	13,320	15.7	Michigan
	Cucumbers	Cwt	4,920	37.5	Michigan
	Beans dry, navy	Cwt	1,447	40.1	Michigan
	Squash	Cwt	1,643	26.8	Michigan
Beans, dry, small red	Cwt	349	41.7	Michigan	
2	Beans, dry, all	Cwt	5,141	19.9	North Dakota
	Beans, dry, light red kidney	Cwt	139	12.4	Minnesota
	Apples	Pounds	1,360,000	13.9	Washington
	Hostas	Pots	1,391	10.5	New Jersey
	Easter lilies	Pots	970	15.5	Ohio
	Pansies/Violas	Dollars	15,449	9.9	Texas
	Vinca	Dollars	4,952	7.1	Florida
3	Snap beans	Cwt	1,650	11.6	Wisconsin
	Alfalfa haylage and greenchop	Tons	1,771	10.2	Wisconsin
4	Sugarbeets	Tons	3,974	12.2	Minnesota
	Pumpkins	Cwt	931	5.7	Illinois
5	Blueberries	Pounds	58,400	9.4	Washington
	Maple syrup	Gallons	190	3.8	Vermont
	Bell peppers	Cwt	450	4.3	Florida
6	Cabbage	Cwt	1,892	8.3	California
	Corn Silage	Tons	6,600	5.1	Wisconsin
	Poinsettias	Pots	2,508	6.0	California
	Milk	Pounds	11,740,000	5.2	California
7	Eggs	Eggs	5,062,200	4.6	Iowa
	Peaches	Tons	11.5	1.8	California
9	Honey	Pounds	3,362	2.7	North Dakota
	Potatoes	Cwt	16,465	4.2	Idaho
10	Oats	Bushels	1,830	3.2	North Dakota
11	Milk goats, January 1, 2023	Head	11.0	2.8	Wisconsin
	Turkeys, raised	Head	5,000	2.4	Minnesota
12	Winter wheat	Bushels	34,445	3.1	Kansas
	Corn for grain	Bushels	336,000	2.4	Iowa
13	Hogs, December 1, 2022	Head	1,240	1.7	Iowa
14	Soybeans	Bushels	105,280	2.5	Illinois
16	Cash receipts	Dollars	12,103,516	2.3	California
17	Hay, alfalfa	Tons	1,456	3.0	Idaho
	Sheep, January 1, 2023	Head	82	1.6	Texas
28	Cattle, January 1, 2023	Head	1,100	1.2	Texas

Farm Economics

Number of farms and land in farms by economic sales class, 2018-2022 ¹

Year	Economic sales class					Total	Average size of farm
	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000+		
	<i>1,000 farms</i>	<i>1,000 farms</i>	<i>1,000 farms</i>	<i>1,000 farms</i>	<i>1,000 farms</i>	<i>1,000 farms</i>	
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	
2020	24.20	14.00	3.10	2.10	3.10	46.50	
2021	23.70	13.90	3.15	2.15	3.10	46.00	
2022	22.80	13.10	3.15	2.15	3.10	44.30	
	<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>
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
2020	1.20	1.60	1.30	1.30	4.40	9.80	211
2021	1.20	1.60	1.25	1.30	4.35	9.70	211
2022	1.10	1.40	1.20	1.20	4.30	9.20	208

¹ USDA estimates of farm numbers and land in farms are based on the definition "a farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year."

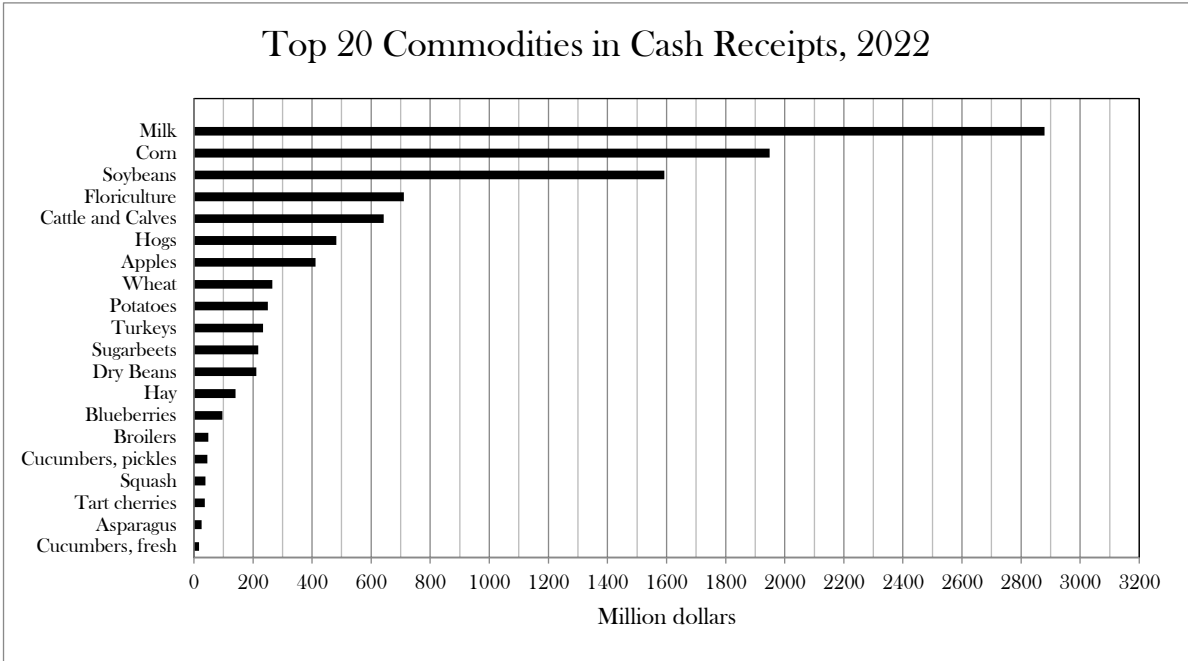
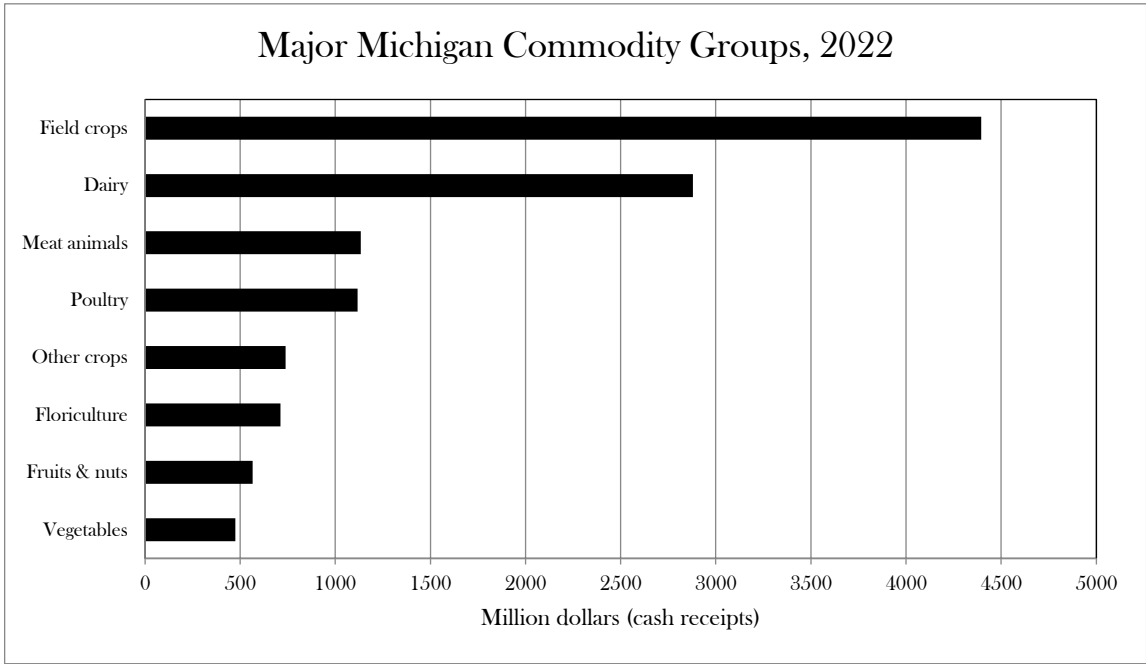
Farm real estate: Values and cash rents, 2019-2023

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>
2019	4,960	4,500	127	2,590
2020	4,950	4,480	128	2,600
2021	5,300	4,700	138	2,740
2022	5,850	5,300	144	2,900
2023	6,400	5,900	148	3,100

Government payments, 2018-2022 ¹

Program	2018	2019	2020	2021	2022
	<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	68,383	239	109
Conservation programs	39,223	44,216	39,606	38,768	43,056
BCAP-Biomass assistance program	0	0	0	0	0
Direct payments	26	-8	-2	-22	0
Loan deficiency payments	0	0	29	50	71
Miscellaneous programs	147	207	125	126	159
Ad Hoc and emergency programs	1,449	31,301	746,508	328,352	123,804
Milk income loss payments	0	0	0	0	0
ACRE	-1	0	0	0	0
ARC-Agricultural Risk Coverage	60,448	13,363	43,412	3,412	308
PLC-Price Loss Coverage	6,740	2,754	43,937	8,946	152
Dairy Margin Coverage Program	13,397	14,610	7,343	53,058	6,043
Total	232,258	384,764	949,341	432,929	173,702

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



Value added to the economy by the Michigan agricultural sector, 2018-2022 ¹

Item ²	2018	2019	2020	2021	2022
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Value of crop production	4,123.2	3,685.9	4,504.5	5,989.9	6,618.7
Food grains	189.1	190.8	179.9	275.0	277.5
Feed crops	1,062.0	1,076.5	1,011.0	1,696.0	2,095.3
Oil crops	834.1	723.1	942.5	1,339.6	1,592.8
Fruits and tree nuts	405.9	392.8	408.6	387.9	565.3
Vegetables, potatoes, dry beans	593.1	511.8	533.8	675.6	685.7
All other crops	1,106.7	1,201.4	1,290.7	1,557.0	1,668.8
Home consumption	2.6	2.3	2.7	2.5	3.0
Value of inventory adjustment ³	-70.2	-412.9	135.2	36.2	-269.6
Value of livestock production	3,114.1	3,292.8	3,275.1	3,686.8	5,214.9
Meat animals	863.0	893.5	856.0	1,067.2	1,134.3
Dairy products	1,659.1	1,963.4	1,910.1	2,097.2	2,879.2
Poultry and eggs	504.9	359.4	416.7	453.4	1,116.5
Miscellaneous livestock	75.0	76.2	76.8	87.0	88.1
Home consumption	8.9	7.8	17.1	14.5	14.7
Value of inventory adjustment ³	3.1	-7.5	-1.6	-32.6	-17.9
Farm related income	974.8	1,182.6	1,084.9	1,032.5	1,204.4
Forest products sold	11.9	12.2	10.7	5.6	13.5
Machine hire and custom work	188.2	162.3	100.3	53.9	89.7
Other farm income	368.5	574.4	550.4	424.0	577.2
Gross imputed rental value-farm dwellings	406.1	433.7	423.5	549.0	524.0
Value of agricultural sector production	8,212.1	8,161.2	8,864.4	10,709.2	13,038.0
less: Purchased inputs	4,616.5	4,905.3	4,851.0	5,130.4	6,425.5
Farm origin	1,733.2	2,005.7	2,058.4	1,917.2	2,492.3
Feed purchased	965.1	1,280.6	1,228.8	1,134.6	1,605.4
Livestock and poultry purchased	123.8	156.8	163.0	147.2	175.5
Seed purchased	644.3	568.3	666.7	635.4	711.4
Manufactured inputs	1,402.8	1,331.8	1,246.5	1,533.3	2,135.7
Fertilizers and lime	565.6	534.4	525.5	712.5	1,010.9
Pesticides	349.7	318.3	313.8	381.1	511.1
Petroleum fuel and oils	340.3	320.1	283.2	315.3	471.5
Electricity	147.2	159.0	124.0	124.5	142.2
Other intermediate expenses	1,480.5	1,567.8	1,546.0	1,679.9	1,797.4
Repair and maintenance of capital items	426.3	461.2	527.6	566.0	570.3
Machine hire and custom work	64.7	138.8	132.2	127.8	130.2
Marketing, storage, and transp. expenses	224.7	205.0	189.3	183.3	294.5
Miscellaneous expenses	764.8	762.8	696.9	802.8	802.4
less: Contract labor	73.7	82.6	89.4	74.7	191.6
plus: Net government transactions	-105.9	47.7	631.4	130.4	-158.4
Direct Government payments	232.3	384.8	949.3	432.9	173.7
Property taxes and fees	338.2	337.1	317.9	302.6	332.1
Gross value added	3,416.0	3,221.0	4,555.5	5,634.5	6,262.5
less: Capital consumption	764.0	712.3	719.5	655.7	628.6
Net value added	2,652.0	2,508.8	3,836.0	4,978.8	5,634.0
less: Payments to stakeholders	1,783.4	1,773.0	1,738.5	1,780.4	2,014.0
Employee compensation (total hired labor)	939.4	942.1	819.2	810.4	991.3
Net rent paid to landlords	344.2	331.2	452.7	501.9	442.7
Real estate and nonreal estate interest	499.8	499.7	466.7	468.2	580.0
Net farm income	868.5	735.8	2,097.5	3,198.3	3,620.0

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

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

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

Cash receipts by commodity groups and selected commodities, 2018-2022 ¹

Item	2018	2019	2020	2021	2022
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Total cash receipts	7,292,898	7,389,004	7,626,186	9,656,058	12,103,516
Total livestock and products	3,102,032	3,292,564	3,259,588	3,704,855	5,218,129
Cattle and calves	539,586	533,480	508,426	572,358	642,100
Hogs	323,414	360,052	347,609	494,850	482,225
Dairy (milk)	1,659,115	1,963,377	1,910,108	2,097,216	2,879,184
Eggs	364,078	196,213	230,625	244,388	833,459
Turkeys	111,119	137,258	164,800	178,370	234,142
Other	104,721	102,183	98,020	117,673	137,019
Total crops	4,190,866	4,096,440	4,366,598	5,951,203	6,885,387
Field crops	2,365,797	2,256,429	2,466,841	3,781,600	4,395,561
Corn	966,945	971,963	898,538	1,534,988	1,949,307
Dry beans	138,208	116,861	156,731	243,045	211,727
Hay	92,689	102,325	109,302	157,198	140,718
Soybeans	834,059	723,088	942,519	1,339,622	1,592,780
Sugarbeets	142,414	149,165	176,660	227,951	218,313
Wheat	181,747	182,586	170,951	264,815	265,316
Other	9,735	10,441	12,140	13,981	17,400
Vegetables	454,916	394,960	377,102	432,584	473,990
Asparagus	23,275	25,875	23,688	21,978	26,332
Cabbage	9,610	11,569	11,939	58,965	25,032
Carrots	14,456	NA	NA	NA	NA
Celery	19,471	NA	NA	NA	NA
Corn, sweet (fresh)	19,256	NA	NA	NA	NA
Cucumbers, fresh	22,491	25,165	16,607	21,247	17,698
Cucumbers, processing	32,927	45,395	38,635	31,300	45,512
Peppers, bell	18,220	19,674	14,345	18,397	22,380
Potatoes	186,319	184,937	184,836	209,269	250,099
Pumpkins	14,947	12,909	14,440	14,856	16,439
Snap beans, fresh	8,548	14,230	17,226	4,037	15,616
Snap beans, processing	12,972	11,381	10,930	12,371	15,414
Squash	37,072	43,825	44,456	40,164	39,469
Tomatoes, fresh	23,513	NA	NA	NA	NA
Tomatoes, processing	11,839	NA	NA	NA	NA
Fruits and nuts	405,908	392,835	408,594	387,930	565,325
Apples	285,104	289,730	291,520	236,646	412,012
Blueberries	70,226	75,258	75,356	82,059	96,687
Peaches	12,642	5,313	9,006	11,257	20,099
Tart cherries	37,936	22,534	32,712	57,968	36,527
All other crops	964,247	1,052,217	1,114,060	1,349,090	1,450,512
Floriculture	486,746	439,500	502,558	635,258	711,204
Miscellaneous crops ²	477,501	612,717	611,502	713,832	739,308

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

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

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

Corn production costs and returns, 2021-2022

Item	United States		Northern Crescent ¹	
	2021	2022	2021	2022
	<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	929.70	1,157.69	936.37	1,135.72
Operating costs				
Seed	95.06	95.01	96.58	96.33
Fertilizer ²	131.69	220.11	142.63	237.41
Chemicals	32.33	43.40	30.16	40.20
Custom operations	23.49	26.58	30.33	34.06
Fuel, lube, and electricity	33.22	47.25	31.97	45.31
Repairs	37.96	42.30	32.83	36.54
Purchased irrigation water	0.28	0.32	0.00	0.00
Interest on operating capital	0.11	5.79	0.11	5.98
Total, operating costs	354.14	480.76	364.61	495.83
Allocated overhead				
Hired labor	5.64	6.02	4.83	5.18
Opportunity cost of unpaid labor	32.34	34.89	41.80	44.90
Capital recovery-machinery & equipment	148.74	175.22	131.93	155.20
Opportunity cost of land (rental rate)	163.41	175.99	128.50	136.74
Taxes and insurance	13.53	14.35	15.68	16.70
General farm overhead	20.91	23.30	30.47	33.73
Total, allocated overhead	384.57	429.77	353.21	392.45
Total, costs listed	738.71	910.53	717.82	888.28
Value of production less total costs listed	190.99	247.16	218.55	247.44
Value of production less operating costs	575.56	676.93	571.76	639.89
Supporting information				
Yield (bushels per planted acre)	184	178	185	179
Price (dollars per bushel at harvest)	5.04	6.49	5.02	6.30
Enterprise size (planted acres) ³	278	278	142	142
Production practices ³				
Irrigated (percent)	11	11	2	2
Dryland (percent)	89	89	98	98

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

² Includes soil conditioners and manure.

³ Developed from survey base year, 2016.

Soybean production costs and returns, 2021-2022

Item	United States		Northern Crescent ¹	
	2021	2022	2021	2022
	<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	650.59	709.36	665.15	728.59
Operating costs				
Seed	63.37	63.32	65.57	65.50
Fertilizer ²	33.34	56.52	40.68	68.27
Chemicals	35.72	48.28	29.05	38.63
Custom operations	13.10	14.86	16.88	18.99
Fuel, lube, and electricity	16.92	24.16	16.46	23.31
Repairs	31.43	35.03	27.76	30.92
Purchased irrigation water	0.01	0.02	0.00	0.00
Interest on operating capital	0.06	2.95	0.06	3.00
Total, operating costs	193.95	245.14	196.46	248.62
Allocated overhead				
Hired labor	5.37	5.87	2.15	2.30
Opportunity cost of unpaid labor	18.77	20.36	22.84	24.56
Capital recovery-machinery & equipment	125.39	147.10	109.44	128.78
Opportunity cost of land (rental rate)	154.97	166.00	137.68	145.14
Taxes and insurance	13.25	14.11	14.38	15.29
General farm overhead	19.97	22.31	28.89	32.29
Total, allocated overhead	337.72	375.75	315.38	348.36
Total, costs listed	531.67	620.89	511.84	596.98
Value of production less total costs listed	119.02	88.47	153.31	131.61
Value of production less operating costs	456.74	464.22	468.69	479.97
Supporting information				
Yield (bushels per planted acre)	54	53	55	54
Price (dollars per bushel at harvest)	11.98	13.49	12.04	13.49
Enterprise size (planted acres) ³	314	314	157	157
Production practices ³				
Irrigated (percent)	10	10	3	3
Dryland (percent)	90	90	97	97

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

² Includes soil conditioners and manure.

³ Developed from survey base year, 2018.

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

Commodity	2018	2019	2020	2021	2022
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Feed, grains	59.1	63.0	60.6	91.8	113.9
Feed, complete	106.3	109.1	114.7	129.3	141.2
Feed, concentrates	113.8	115.7	118.3	126.5	140.2
Feed, forage	103.0	109.9	102.6	117.6	142.0
Nitrogen	70.8	73.5	69.9	90.9	167.8
Potash & Phosphate	65.1	67.4	68.1	85.1	145.6
Fungicides	99.6	99.7	94.7	97.8	116.6
Herbicides	102.9	99.6	96.4	105.3	177.9
Insecticides	102.3	92.2	93.2	98.7	120.5
Seeds & Plants	115.6	112.9	113.1	117.3	131.7
Cows, milk replacement	95.6	84.9	91.6	96.0	112.5
Feeder cattle	108.1	102.9	100.4	107.4	122.7
Feeder pigs	94.5	107.1	65.8	132.4	140.2
Fuels, diesel	70.7	66.7	52.5	73.3	112.9
Fuels, gasoline	70.7	69.2	59.6	78.5	104.4
Fuels, LP gas	74.4	71.7	75.2	88.7	114.3
Machinery, self propelled	131.0	126.5	121.6	147.1	147.5
Tractors	109.3	112.0	114.0	123.0	131.3
Trucks & Autos	105.5	105.8	106.5	112.9	124.5
Building materials	116.1	118.1	120.8	140.5	163.6
Supplies & Repairs	111.6	114.7	116.5	124.9	139.1
Labor	126.3	133.2	138.2	146.1	156.9
Custom Rates	113.3	118.4	119.6	114.7	126.0
Interest	114.7	115.1	109.5	109.6	128.6
Rent	119.5	116.3	117.6	122.1	124.0
Taxes	117.1	120.4	126.8	132.5	138.1

Farm Labor

Hired farm workers: Annual average wage rates, 2018-2022 ¹

Year	All hired workers	Field workers	Field and livestock workers
	<i>Dollars per hour</i>	<i>Dollars per hour</i>	<i>Dollars per hour</i>
2018	14.16	13.64	13.54
2019	15.04	14.88	14.40
2020	15.44	15.07	14.72
2021	16.14	16.22	15.37
2022	18.26	17.65	17.39

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

Agricultural Exports

Michigan agricultural exports by commodity and year ¹

Commodity	2020	2021	2022
	<i>Thousand dollars</i>	<i>Thousand dollars</i>	<i>Thousand dollars</i>
Prepared foods	235,839	294,912	321,459
Dairy products	232,323	281,505	297,117
Forest products	158,918	231,666	249,005
Soybean meal	151,367	206,328	236,264
Bakery goods, cereals, & pasta	155,368	142,876	163,766
Beef & beef products	86,665	137,141	139,536
Soybeans	78,077	124,119	137,726
Dextrins, peptones, & proteins	93,538	105,816	108,017
Processed fruit	78,402	88,153	95,394
Pork & pork products	58,380	76,981	90,818
Pulses	82,098	92,097	89,166
Distillers grains	86,039	79,756	87,522
Meat products, unspecified & other	55,245	69,372	86,927
Essential oils	65,490	89,801	81,697
Corn	36,801	101,990	74,707
Fresh vegetables	78,054	66,233	67,125
Hides and skins	38,106	55,314	55,954
Non-alcoholic beverages ²	45,661	50,054	53,233
Planting seeds	57,420	36,927	44,795
Processed vegetables	33,755	33,596	44,049
Chocolate & cocoa products	35,262	40,858	40,480
Fresh fruit	22,128	22,497	36,480
Condiments & sauces	22,650	22,660	30,536
Coffee, roasted & extracts	19,522	21,377	20,799
Other feeds & fodders	18,955	22,676	16,814
Nursery products & cut flowers	9,758	13,065	13,527
Other	109,209	118,340	156,141
Total	2,145,030	2,626,110	2,839,054

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

² Excludes juices, coffee, & tea.

Michigan agricultural exports: Top 10 destinations, 2021-2022 ¹

Country	2021	2022
	<i>Thousand dollars</i>	<i>Thousand dollars</i>
Canada	1,184,079	1,243,353
Mexico	318,872	419,906
China	192,557	194,923
South Korea	168,127	172,472
Japan	147,446	159,902
Thailand	112,683	115,139
Taiwan	47,352	61,989
Indonesia	43,207	46,549
Netherlands	54,366	39,486
Vietnam	29,055	31,691
Others	328,366	353,644
Total	2,626,110	2,839,054

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

Field Crops

Field crops: Acres harvested and value of production, 2018-2022

Item	Unit	2018	2019	2020	2021	2022
Acres harvested	1,000 acres	6,264	5,347	6,250	6,242	6,210
Value of production	1,000 dollars	2,953,099	2,468,524	3,830,299	4,929,299	4,904,522

Grain storage capacity, December 1, 2018-2022

Year	Off farm		On farm capacity
	Facilities	Rated capacity	
	<i>Number</i>	<i>Million bushels</i>	
2018	187	230	300
2019	184	235	300
2020	182	235	300
2021	179	235	300
2022	179	235	300

Field crops: Record highs and lows

Crop & Unit	Record high		Record low		Year estimates began
	Quantity	Year	Quantity	Year	
Barley					
Harvested (1,000 acres)	8,000	2019,2020,2021	6	2011,2015	1866
Yield (Bushels per acre)	68.0	1985	13.5	1933	
Production (1,000 bushels)	8,400	1918	215	2018	
Dry Edible beans					
Harvested (1,000 acres)	690	1930	130	2001	1909
Yield (Pounds per acre)	2,410	2021	396	1916	
Production (1,000 cwt.)	8,585	1963	780	2001	
Corn for grain					
Harvested (1,000 acres)	2,800	1981	480	1866	1866
Yield (Bushels per acre)	174.0	2021	21.5	1917	
Production (1,000 bushels)	355,810	2014	15,120	1869	
Corn for silage					
Harvested (1,000 acres)	498	1971	210	2003	1919
Yield (Tons per acre)	20.5	2014,2021	4.7	1930	
Production (1,000 tons)	6,970	2021	1,542	1930	
Hay, alfalfa					
Harvested (1,000 acres)	1,444	1950	74	1919	1919
Yield (Tons per acre)	4.2	1993	1.1	1934	
Production (1,000 tons)	5,040	1985,1986	118	1919	
Hay, all					
Harvested (1,000 acres)	2,947	1924	780	1866,2019,2020	1909
Yield (Tons per acre)	3.8	1993	0.6	1895	
Production (1,000 tons)	5,743	1986	1,014	1866	
Oats					
Harvested (1,000 acres)	1,658	1918	20	2021	1866
Yield (Bushels per acre)	70.0	2003	18.5	1921	
Production (1,000 bushels)	69,388	1946	1,260	2021	
Potatoes					
Harvested (1,000 acres)	374.0	1895	36.4	1975	1866
Yield (Cwt. per acre)	430.0	2021	26.0	1887,1916	
Production (1,000 cwt.)	23,256	1904	3,557	1876	
Soybeans					
Harvested (1,000 acres)	2,310	2018	1	1930	1924
Yield (Bushels per acre)	51.0	2021	8.0	1927	
Production (1,000 bushels)	109,725	2018	10	1930	
Sugarbeets					
Harvested (1,000 acres)	190	1999	48	1943,1953	1909
Yield (Tons per acre)	37.4	2021	5.5	1916	
Production (1,000 tons)	5,311	2021	298	1943	
Wheat, winter					
Harvested (1,000 acres)	1,515	1953	400	1987	1909
Yield (Bushels per acre)	89.0	2016	10.5	1912	
Production (1,000 bushels)	50,730	2016	7,350	1912	

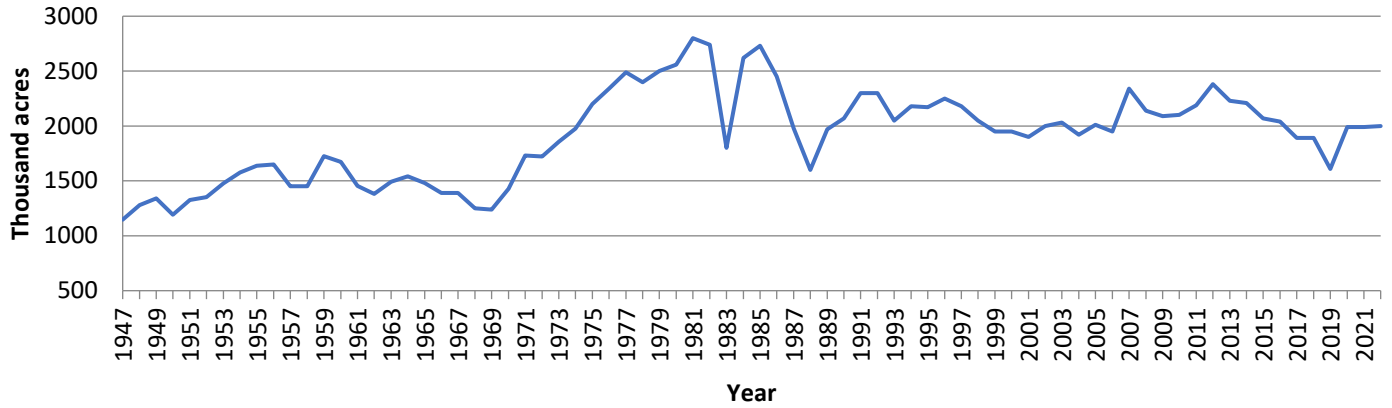
Corn

Corn: Acres, yield, production, and value, 2018-2022

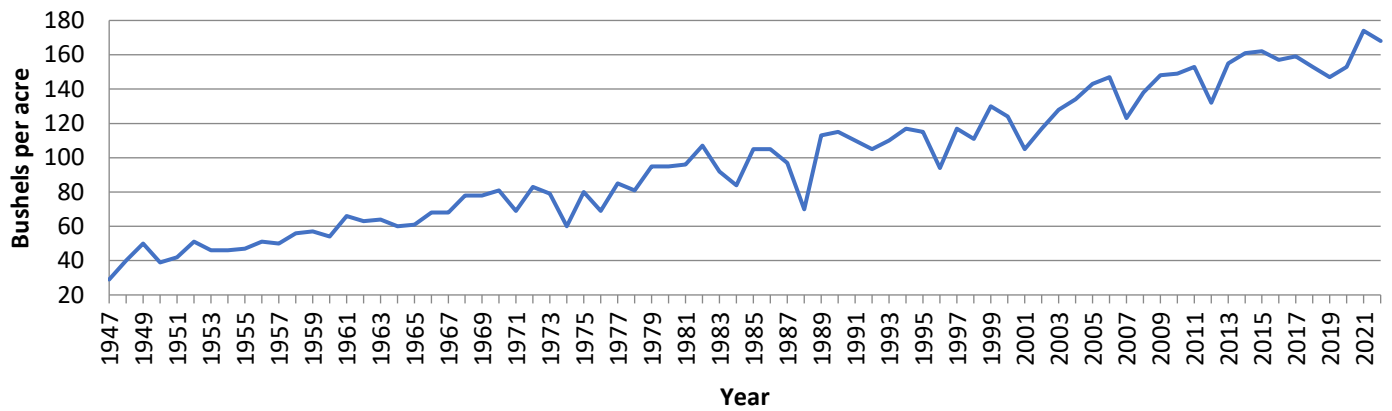
Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
All						
2018	2,250					
2019	2,000					
2020	2,350					
2021	2,350					
2022	2,350					
Grain						
2018		1,890	153	289,170	3.72	1,075,712
2019		1,610	147	236,670	3.73	882,779
2020		1,990	153	304,470	4.72	1,437,098
2021		1,990	174	346,260	5.86	2,029,084
2022		2,000	168	336,000	6.30	2,116,800
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>		
Silage						
2018		340	17.5	5,950		
2019		340	18.5	6,290		
2020		350	17.5	6,125		
2021		340	20.5	6,970		
2022		330	20.0	6,600		

¹ Marketing year average.

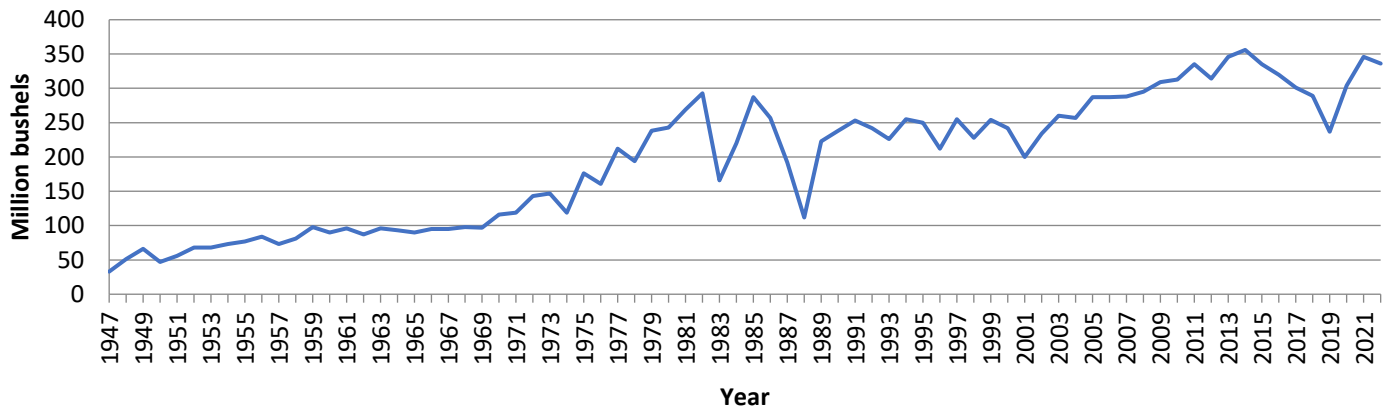
Corn for grain acres, 1947-2022



Corn yield, 1947-2022



Corn production, 1947-2022



Corn for grain: Stocks by quarter, 2018-2022

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>
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
2020	180,000	75,331	91,000	65,332	34,000	46,892	8,800	15,383
2021	175,000	88,586	94,000	78,712	54,000	57,876	18,000	21,308
2022	195,000	89,590	105,000	69,972	58,000	41,674	23,000	17,492

Corn: Percentage of acreage planted, 2018-2022

Year	Month and day						
	April		May			June	
	20	30	10	20	30	10	
2018	0	4	25	50	71	89	
2019	0	2	4	21	38	66	
2020	1	7	37	65	81	94	
2021	3	22	49	80	95	99	
2022	0	1	12	52	82	96	
5-year-average	1	7	25	54	73	89	

Corn: Percentage of acreage silked, 2018-2022

Year	Month and day					
	July			August		
	1	10	20	30	10	20
2018	2	11	40	70	87	97
2019	0	0	5	27	62	83
2020	1	3	33	77	96	100
2021	1	4	52	87	98	100
2022	0	2	33	70	94	100
5-year-average	1	4	33	66	87	96

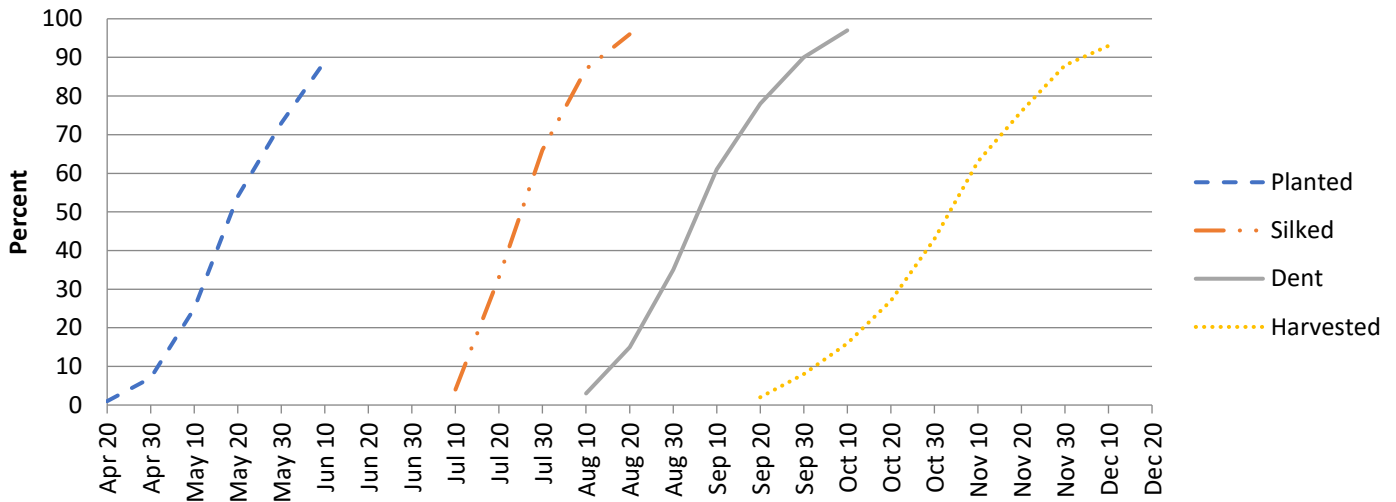
Corn: Percentage of acreage dent stage, 2018-2022

Year	Month and day						
	August			September			October
	10	20	30	10	20	30	10
2018	5	17	44	69	84	95	100
2019	0	3	13	30	50	73	85
2020	3	17	40	72	91	98	100
2021	2	16	40	67	81	92	98
2022	5	22	40	66	84	94	100
5-year-average	3	15	35	61	78	90	97

Corn: Percentage of acreage harvested for grain, 2018-2022

Year	Month and day									
	September			October			November			December
	10	20	30	10	20	30	10	20	30	10
2018	0	3	10	18	29	49	66	76	91	96
2019	0	0	2	6	14	23	33	46	65	76
2020	0	1	5	15	27	48	79	89	96	99
2021	0	3	13	24	38	52	68	84	92	95
2022	0	2	8	17	26	43	70	86	96	99
5-year-average	0	2	8	16	27	43	63	76	88	93

Corn progress Five-year average, 2018-2022



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

Months	2019		2020		2021		2022	
	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>
October	3.98	5	3.67	12	4.91	13	6.36	
November	3.87	17	3.76	16	5.12	15	6.07	
December	3.85	14	4.08	10	5.36	11	6.17	
January	3.92	14	4.29	14	5.47	12	6.39	
February	4.03	10	4.89	8	5.88	8	6.55	
March	3.73	7	4.97	8	6.40	8	6.16	
April	3.42	5	5.31	7	6.80	7	6.34	
May	3.50	4	5.85	5	7.01	6	6.04	
June	3.32	5	6.05	6	6.66	4	6.28	
July	3.45	7	6.05	5	6.50	5		
August	3.27	8	6.58	4	6.75	6		
September	3.39	4	5.48	5	6.67	5		
Annual	3.73		4.72		5.86		6.30	

Dry Edible Beans

Dry edible beans: Acres, yield, production, and value, 2018-2022

Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt</i>	<i>Dol/cwt</i>	<i>1,000 dollars</i>
2018	195	193.0	2,400	4,635	27.60	127,926
2019	185	180.0	2,040	3,663	31.70	116,117
2020	255	253.0	2,340	5,914	32.20	190,431
2021	210	207.0	2,410	4,989	44.20	220,514
2022	215	214.0	2,400	5,141	45.60	234,430

¹ Marketing year average.

Dry edible beans: Acres, yield, and production, by class, 2018-2022

Class and Year	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 cwt</i>
Black				
2018	100,000	99,000	2,440	2,416
2019	95,000	93,000	2,080	1,934
2020	125,000	124,000	2,390	2,964
2021	98,000	96,200	2,480	2,386
2022	122,000	121,700	2,440	2,969
Cranberry				
2018	3,900	3,900	1,560	61
2019	2,700	2,500	1,640	41
2020	2,400	2,400	1,840	44
2021	2,500	2,400	1,290	31
2022	3,500	3,400	2,110	72
Navy				
2018	60,000	59,200	2,600	1,539
2019	55,000	54,400	2,150	1,170
2020	85,000	84,400	2,390	2,017
2021	68,000	67,600	2,700	1,825
2022	60,000	59,800	2,420	1,447
Red kidney, dark				
2018	2,700	2,700	1,420	38
2019	3,000	2,700	1,050	28
2020	3,000	2,900	1,160	34
2021	2,500	2,400	1,200	29
2022	1,500	1,400	1,230	17
Red kidney, light				
2018	6,100	6,100	1,620	99
2019	7,000	5,900	1,650	97
2020	7,500	7,400	1,960	145
2021	7,500	7,300	1,410	103
2022	6,100	6,000	2,310	139
Small, red				
2018	13,300	13,100	2,500	328
2019	11,000	10,800	2,160	233
2020	21,000	20,800	2,350	489
2021	20,000	19,700	2,260	445
2022	15,000	14,800	2,360	349
Pinto				
2018	(D)	(D)	(D)	(D)
2019	3,500	3,300	1,640	54
2020	(D)	(D)	(D)	(D)
2021	2,500	2,500	1,700	43
2022	(D)	(D)	(D)	(D)

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

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

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

Months	2019		2020		2021		2022	
	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales
	<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	27.00	9	37.80	10	42.30	52	(D)	
October	28.10	26	29.50	29	47.40	14	46.10	
November	32.00	15	27.80	17	45.90	6	42.30	
December	32.20	15	33.20	6	40.50	4	43.80	
January	35.10	5	34.10	5	40.90	3	42.10	
February	37.60	7	39.40	2	44.90	2	(D)	
March	37.40	5	37.70	2	48.80	2	44.50	
April	(D)	4	39.20	3	51.00	2	48.10	
May	(D)	11	44.90	2	54.10	1	44.50	
June	34.00	1	39.00	1	(D)	1	45.60	
July	35.70	1	45.80	1	47.40	1	47.70	
August	(D)	1	(D)	22	(D)	12	46.30	
Annual	31.70		32.20		44.20		44.70	

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

Hay and Haylage

Hay, haylage, and greenchop: Acres, yield, production, and value, 2018-2022

Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
All dry hay						
2018		810	2.24	1,812	147.00	271,980
2019		780	2.38	1,858	160.00	313,375
2020		780	2.56	2,000	168.00	348,840
2021		790	2.75	2,173	177.00	397,012
2022		790	2.40	1,893	168.00	326,460
Alfalfa hay						
2018		590	2.40	1,416	156.00	220,896
2019		550	2.50	1,375	184.00	253,000
2020		550	2.80	1,540	185.00	284,900
2021		560	3.10	1,736	193.00	335,048
2022		560	2.60	1,456	187.00	272,272
Alfalfa seedings						
2018	100					
2019	100					
2020	100					
2021	60					
2022	60					
Other hay						
2018		220	1.80	396	129.00	51,084
2019		230	2.10	483	125.00	60,375
2020		230	2.00	460	139.00	63,940
2021		230	1.90	437	142.00	62,054
2022		230	1.90	437	124.00	54,188
All haylage and greenchop						
2018		285	6.51	1,856		
2019		290	7.68	2,227		
2020		280	8.04	2,252		
2021		270	8.27	2,232		
2022		255	7.63	1,946		
Alfalfa haylage and greenchop						
2018		260	6.80	1,768		
2019		260	8.00	2,080		
2020		250	8.30	2,075		
2021		240	8.80	2,112		
2022		230	7.70	1,771		

¹ Marketing year average.

Hay: Stocks on farms, 2019-2023

Year	May 1	December 1
	<i>1,000 tons</i>	<i>1,000 tons</i>
2019	180	930
2020	220	900
2021	190	1,100
2022	270	980
2023	230	(¹)

¹ Published in January 2024.

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

Months	2019		2020		2021		2022	
	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	195	15	170	15	190	15	190	15
July	185	16	180	15	185	15	180	16
August	175	13	180	13	195	14	185	13
September	180	11	175	10	195	10	190	10
October	190	6	180	6	195	6	190	6
November	185	6	185	6	195	6	190	6
December	190	6	190	7	200	6	190	6
January	190	6	195	7	200	7	185	7
February	185	6	200	6	200	6	195	6
March	175	7	205	7	190	7	190	7
April	170	4	205	4	190	4	195	4
May	165	4	200	4	190	4	195	4
Annual	184		185		193	100	188	100

Maple Syrup

Maple syrup: Taps, yield, production, price, and value, 2019-2023

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>
2019	620	0.315	195	48.60	9,477
2020	570	0.298	170	48.60	8,262
2021	550	0.273	150	46.30	6,945
2022	560	0.336	188	37.10	6,975
2023	590	0.330	195	(¹)	(¹)

¹ Published in June 2024.

Oats

Oats: Acres, yield, production, and value, 2018-2022

Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2018	75	50	63	3,150	3.31	10,427
2019	70	25	57	1,425	3.63	5,173
2020	70	30	55	1,650	3.16	5,214
2021	55	20	63	1,260	3.88	4,889
2022	50	30	61	1,830	5.10	9,333

¹ Marketing year average.

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

Months	2019		2020		2021		2022	
	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	3.78	25	3.01	20	3.84	6	(D)	
August	3.24	25	2.67	22	3.46	51	4.64	
September	3.11	15	3.23	8	3.27	17	4.46	
October	2.76		3.07	14	3.66	2	4.87	
November	3.68	7	3.38	6	(D)	2	(D)	
December	(S)		2.78	6	5.40	3	4.49	
January	4.24	14	(D)	3	5.02	9	5.05	
February	(D)	1	3.45	2	4.81	4	(D)	
March	3.86	7	4.45	2	(D)	3	(D)	
April	4.06	2	3.94	4	(D)	1	(D)	
May	(D)	2	(D)	3	7.00	2	(S)	
June	4.10	2	3.27	10	(S)		(D)	
Annual	3.63		3.16		3.88		5.10	

(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, 2018-2022

Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2018	50.0	48.0	380	18,240	10.50	191,520
2019	50.0	48.5	420	20,370	9.84	200,441
2020	46.0	45.0	390	17,550	10.80	189,540
2021	46.0	45.0	430	19,350	13.10	253,485
2022	46.0	45.5	415	18,883	13.90	262,474

¹ Marketing year average.

Potatoes: Stocks by type as percent of total stocks, December 1, 2018-2022

Type	2018	2019	2020	2021	2022
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
White	78	79	79	82	78
Russet	20	20	18	16	(D)
Red	1	(D)	(D)	1	(D)
Yellow	1	(D)	(D)	1	4

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

Potatoes: Production and disposition, 2018-2022

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>
2018	18,240	1,400	373	680	17,187
2019	20,370	1,411	375	746	19,249
2020	17,550	1,349	332	527	16,691
2021	19,350	1,113	283	878	18,189
2022	18,883	1,076	260	854	17,769

Potatoes: Stocks, 2018-2022

Crop year	December 1	February 1	April 1
	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
2018	10,500	6,700	3,400
2019	12,500	7,900	3,900
2020	10,900	7,300	3,400
2021	11,900	7,900	4,000
2022	10,500	7,200	3,700

Soybeans

Soybeans: Acres, yield, production, and value, 2018-2022

Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2018	2,330	2,310	47.5	109,725	8.53	935,954
2019	1,760	1,720	40.5	69,660	8.81	613,705
2020	2,200	2,190	48.0	105,120	11.70	1,229,904
2021	2,150	2,140	51.0	109,140	14.00	1,527,960
2022	2,250	2,240	47.0	105,280	14.70	1,547,616

¹ Marketing year average.

Soybeans: Stocks by quarter, 2018-2022

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>
2018	46,000	44,504	28,000	39,688	18,000	26,284	8,000	10,428
2019	31,500	36,965	18,000	35,803	15,000	24,999	2,600	9,141
2020	31,500	41,771	14,500	31,344	3,600	17,710	1,100	6,240
2021	35,000	43,355	19,000	34,003	5,500	20,155	1,400	5,044
2022	34,000	41,868	15,000	30,740	12,000	17,839	1,900	6,007

Soybeans: Percentage of acreage planted, 2018-2022

Year	Month and day							
	April		May			June		
	30	10	20	30	10	20	30	
2018	1	13	29	54	77	89	96	
2019	2	3	12	27	46	62	81	
2020	9	35	60	74	91	99	100	
2021	21	45	73	91	99	100	100	
2022	3	15	43	63	88	97	100	
5-year-average	7	22	43	62	80	89	95	

Soybeans: Percentage of acreage setting pods, 2018-2022

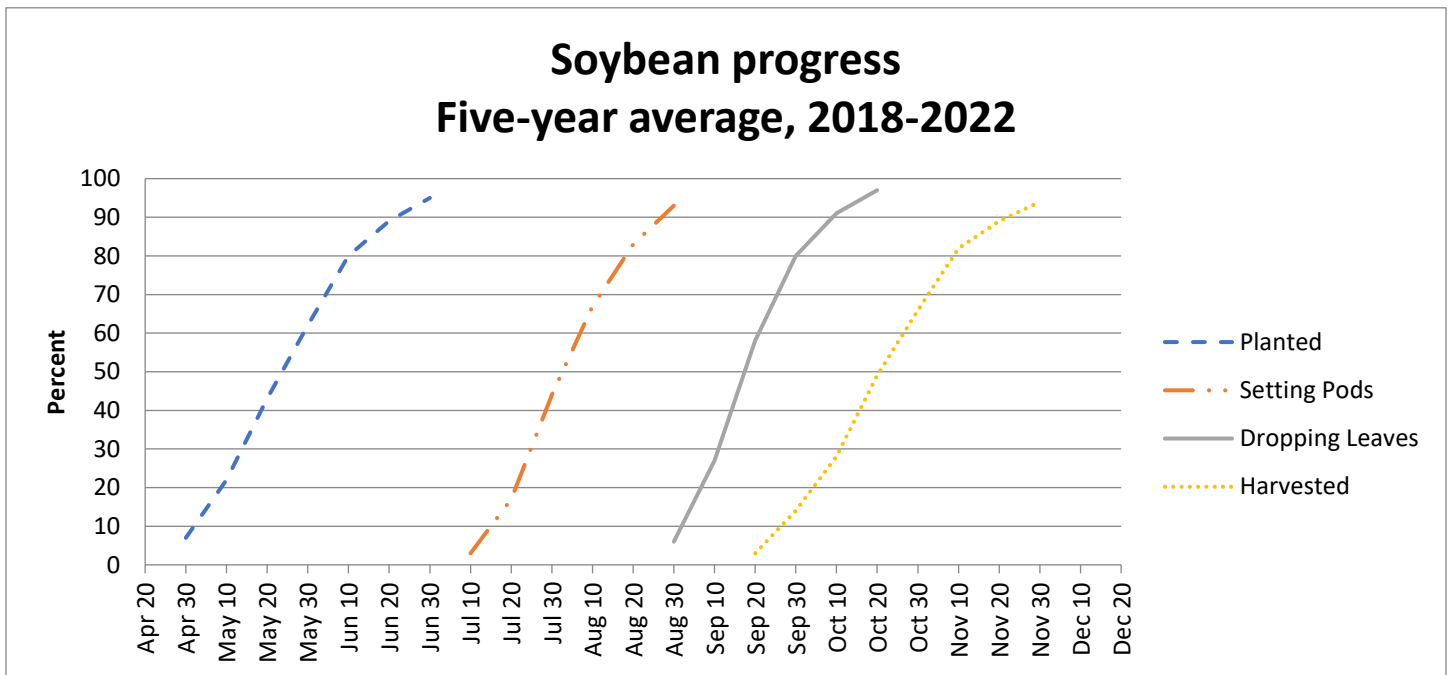
Year	Month and day					
	July			August		
	10	20	30	10	20	30
2018	4	18	39	65	82	93
2019	0	5	16	29	52	74
2020	1	12	54	81	93	100
2021	1	34	65	86	94	100
2022	7	22	48	76	92	99
5-year-average	3	17	44	67	83	93

Soybeans: Percentage of acreage dropping leaves, 2018-2022

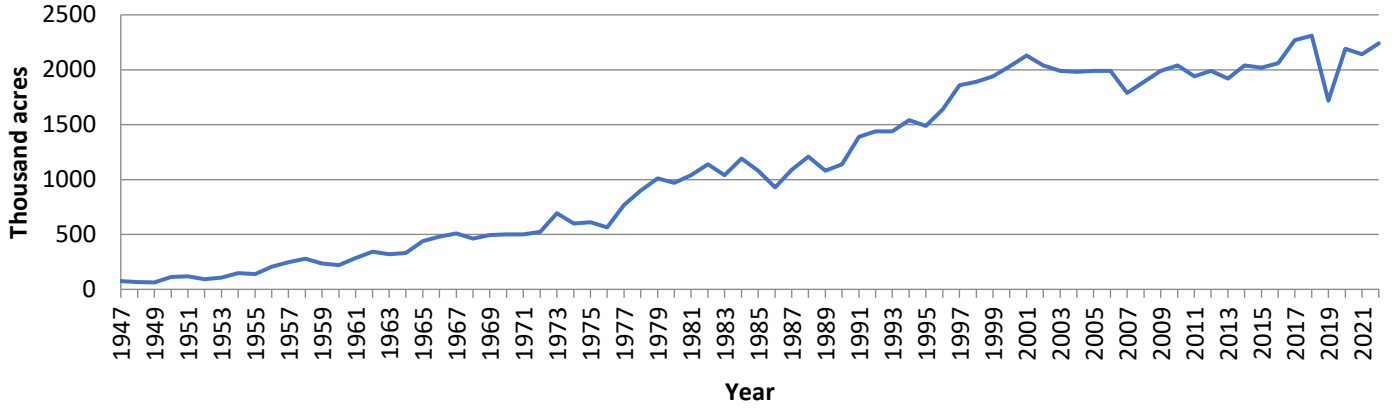
Year	Month and day						
	August		September			October	
	30	10	20	30	10	20	
2018	5	23	52	79	91	96	
2019	0	7	32	58	77	90	
2020	9	29	71	91	96	100	
2021	6	43	78	92	96	100	
2022	9	35	58	79	95	99	
5-year-average	6	27	58	80	91	97	

Soybeans: Percentage of acreage harvested, 2018-2022

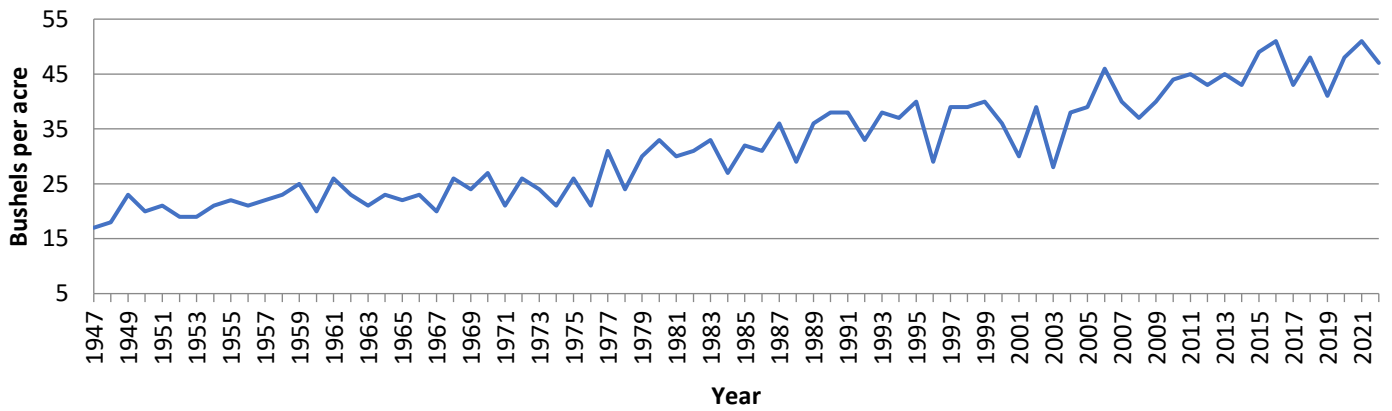
Year	Month and day							
	September		October			November		
	20	30	10	20	30	10	20	30
2018	2	11	19	40	67	78	85	93
2019	0	7	14	37	54	74	78	84
2020	1	16	39	67	77	93	98	100
2021	6	23	36	43	54	71	86	94
2022	4	12	34	57	77	92	99	100
5-year-average	3	14	28	49	66	82	89	94



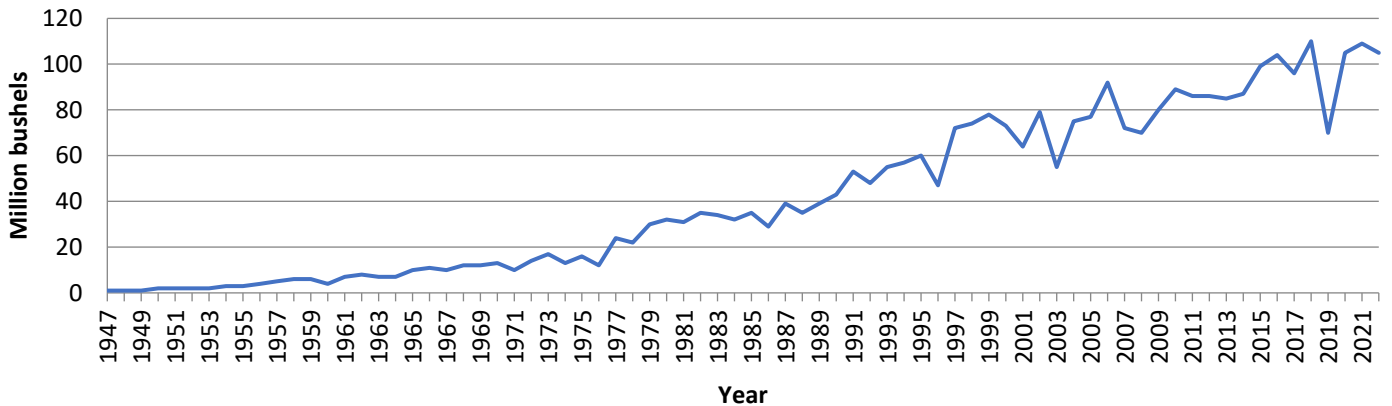
Soybean harvested acres, 1947-2022



Soybean yield, 1947-2022



Soybean production, 1947-2022



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

Months	2019		2020		2021		2022	
	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales
	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>
September	8.54	4	9.45	8	12.90	5	15.60	
October	8.78	18	9.92	27	12.30	22	13.90	
November	8.68	12	10.80	13	12.80	17	14.30	
December	8.95	12	11.30	9	12.50	9	14.60	
January	9.03	9	11.80	14	13.50	12	15.30	
February	8.94	4	13.40	5	15.80	8	15.10	
March	8.90	6	13.20	5	16.00	5	15.40	
April	8.75	7	13.90	5	16.50	5	15.60	
May	8.59	6	14.60	3	16.60	3	15.30	
June	8.80	11	16.20	5	16.80	4	14.90	
July	8.65	4	15.30	3	16.80	5	15.20	
August	8.89	7	15.20	3	16.80	5		
Annual	8.81		11.70		14.00		14.70	

Sugarbeets

Sugarbeets: Acres, yield, production, and value, 2018-2022

Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2018	150	148	29.1	4,307	35.10	151,176
2019	146	145	28.6	4,147	35.00	145,145
2020	157	154	28.3	4,358	55.00	239,690
2021	155	142	37.4	5,311	38.50	204,474
2022	139	138	28.8	3,974	(²)	(²)

¹ Marketing year average.

² Published in February 2024.

Wheat

Wheat: Acres, yield, production, and value, 2018-2022

Year	Planted	Harvested	Yield	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2018	510	470	76.0	35,720	5.08	181,458
2019	550	490	71.0	34,790	5.21	181,256
2020	490	450	75.0	33,750	5.32	179,550
2021	610	560	81.0	45,360	6.24	283,046
2022	460	415	83.0	34,445	7.80	268,671

¹ Marketing year average.

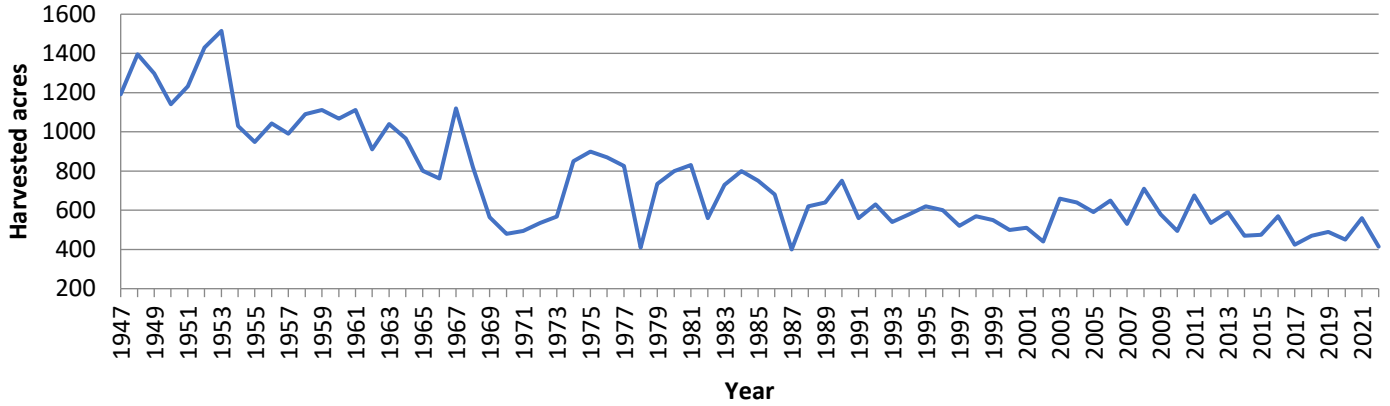
Wheat: Stocks by quarter, 2018-2022

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>
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
2020	4,900	36,072	2,600	29,571	500	22,788	90	13,738
2021	4,100	38,968	2,400	33,821	1,400	23,955	400	14,545
2022	5,600	31,043	2,800	25,504	1,600	17,955	1,200	12,306

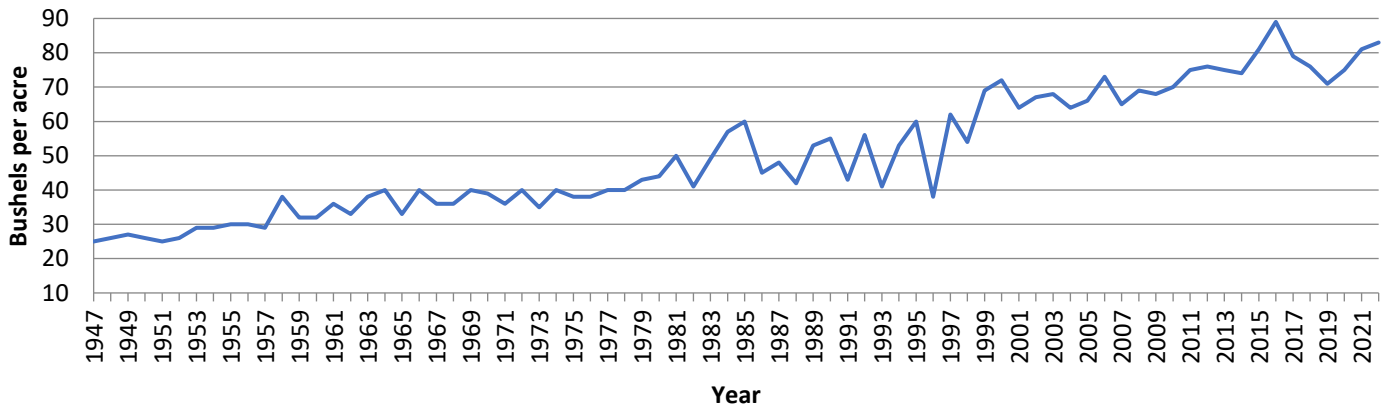
Wheat: Monthly price received, percent of annual sales, and marketing year average price by year

Months	2019		2020		2021		2022	
	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales	Price	Percent of sales
	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>	<i>Dollars per Bu.</i>	<i>Percent</i>
July	5.27	27	5.22	58	5.96	61	7.74	
August	5.09	35	4.90	13	6.39	16	7.68	
September	5.05	11	5.30	9	6.26	5	8.12	
October	5.13	8	5.51	4	6.09	4	8.54	
November	5.19	4	5.70	1	6.83	1	8.73	
December	5.26	2	5.76	1	6.65	2	8.14	
January	5.58	5	5.73	5	6.37	3	7.65	
February	5.65	2	6.18	2	7.09	2	7.34	
March	5.66	2	6.13	2	8.40	2	7.53	
April	5.85	2	6.15	2	8.30	2	6.85	
May	5.55	1	6.37	2	9.37	1	6.81	
June	5.18	1	6.49	1	9.14	1	6.45	
Annual	5.21		5.32		6.24		7.80	

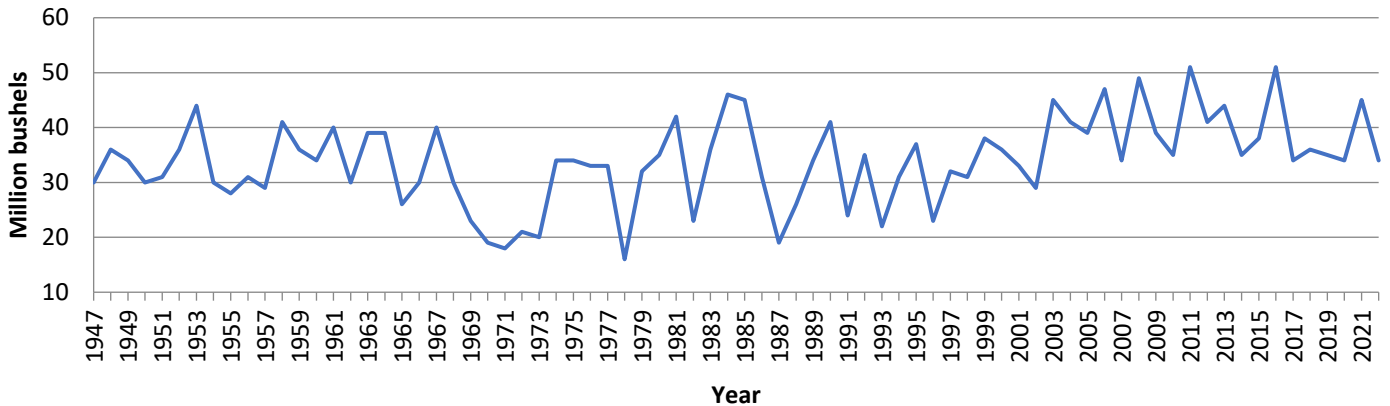
Wheat harvested acres, 1947-2022



Wheat yield, 1947-2022



Wheat production, 1947-2022



Agricultural Chemical Usage

Asparagus: Agricultural chemical applications, program states, 2022 ¹

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Pounds</i>
Herbicides					
2, 4-D, dimethylamine	33	1.2	0.575	0.688	3,100
2, 4-D, triisopropanol.	20	1.2	0.664	0.807	2,300
Diuron	73	1.4	1.479	2.047	20,600
Glyphosate, isopropyl.	35	1.5	0.824	1.259	6,000
Glyposate, potassium	29	1.5	1.006	1.492	6,000
Halosulfuron-Methyl	14	1.1	0.061	0.065	100
Metribuzin	22	1.3	0.585	0.748	2,300
Pendimethalin	24	1.2	1.058	1.302	4,300
S-metolachlor	36	1.0	1.056	1.105	5,400
Sulfentrazone	34	1.0	0.251	0.259	1,200
Terbacil	10	1.0	0.381	0.390	600
ALL	79				53,000
Insecticides					
Carbaryl	38	2.8	0.924	2.577	13,700
Permethrin	36	2.4	0.118	0.282	1,400
ALL	55				15,700
Fungicides					
Chlorothalonil	41	3.0	1.554	4.728	26,600
Tebuconazole	30	2.8	0.150	0.424	1,800
ALL	42				30,500

¹ California, Michigan, and Washington. Planted acres in 2022 were 13,900 acres.

Snap Beans: Agricultural chemical applications, program states, 2022 ¹

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Pounds</i>
Herbicides					
Bentazon	47	1.1	0.568	0.647	49,600
Clethodim	15	1.1	0.124	0.142	3,400
Cyflumetofen	19	1.1	0.200	0.212	6,700
EPTC	14	1.1	3.107	3.312	75,700
Glyphosate, iso. salt	2	1.0	0.991	0.991	2,900
Glyphosate, pot. salt	5	1.0	0.744	0.744	6,200
Halosulfuron-methyl	18	1.0	0.036	0.036	1,000
Imazamox	11	1.0	0.028	0.029	500
Imazamox; sodium salt	9	1.3	0.027	0.036	500
Imazethapyr, ammon.	8	1.0	0.026	0.027	400
Metolachlor	18	1.0	1.297	1.297	38,500
Pendimethalin	9	1.0	1.010	1.010	14,000
Quizalofop-p-ethyl	1	1.0	0.049	0.049	100
Sethoxydim	1	1.1	0.144	0.162	200
S-metolachlor	35	1.8	0.762	1.378	76,600
Trifluralin	16	1.1	0.509	0.541	14,100
ALL	78				293,200
Insecticides					
Bifenthrin	19	3.8	0.085	0.320	9,400
Carbaryl	5	2.0	0.961	1.915	14,100
Esfenvalerate	3	7.4	0.014	0.105	500
Ethoprop	4	1.0	2.485	2.604	16,600
Lambda-cyhalothrin	26	1.2	0.034	0.039	1,600
Zeta-cypermethrin	10	1.1	0.025	0.028	400
ALL	52				45,000
Fungicides					
Azoxystrobin	11	3.2	0.112	0.356	6,200
Boscalid	7	1.0	0.379	0.379	4,600
Chlorothalonil	7	2.1	0.893	1.834	24,300
Copper chloride hyd.	2	1.3	0.214	0.276	700
Copper hydroxide	7	1.6	0.499	0.803	8,600
Iprodione	3	1.2	0.803	0.947	4,700
Penthiopyrad	1	1.2	0.227	0.277	500
Thiophanate-methyl	20	2.1	1.271	2.698	83,600
ALL	41				152,100

¹ California, Florida, Georgia, Illinois, Michigan, New York, Oregon, Pennsylvania, and Wisconsin. Planted acres in 2022 were 162,300 acres.

Cucumbers: Agricultural chemical applications, program states, 2022 ¹

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Pounds</i>
Herbicides					
Clomazone	59	1.5	0.209	0.307	16,100
Ethalfuralin	67	1.4	1.032	1.475	84,500
Glyphosate iso. salt	9	1.0	1.037	1.044	8,500
Glyphosate pot. salt	2	1.0	1.454	1.458	2,500
Halosulfuron-methyl	33	1.8	0.024	0.043	1,300
ALL	80				119,000
Insecticides					
Acetamiprid	3	1.0	0.131	0.133	400
Bifenthrin	53	2.6	0.085	0.219	9,700
Carbaryl	1	1.4	1.626	2.327	2,200
Chlorantraniliprole	30	2.0	0.065	0.128	3,300
Esfenvalerate	1	6.7	0.031	0.208	100
Imidacloprid	6	1.3	0.122	0.154	1,200
Lambda-cyhalothrin	3	1.7	0.029	0.050	100
Permethrin	3	1.3	0.137	0.178	400
Zeta-cypermethrin	2	2.0	0.017	0.033	100
ALL	80				66,600
Fungicides					
Ametoctradin	1	1.9	0.272	0.518	300
Azoxystrobin	31	1.9	0.193	0.359	10,000
Chlorothalonil	77	9.0	1.098	9.887	630,400
Copper chloride hyd.	4	3.2	0.277	0.898	3,000
Copper Hydroxide	5	3.6	0.318	1.128	4,600
Cyazofamid	65	1.6	0.065	0.106	5,900
Cyprodinil	3	1.2	0.671	0.799	2,600
Difenoconazole	1	1.8	0.104	0.190	200
Dimethomorph	1	1.9	0.204	0.389	300
Mancozeb	2	2.7	1.299	3.518	5,600
Oxathiapiprolin	60	1.6	0.012	0.020	1,000
Propamocarb hydroch.	6	2.3	0.994	2.268	25,500
ALL	85				721,500

¹ California, Florida, Georgia, Michigan, North Carolina, Texas, and Wisconsin. Planted acres in 2022 were 88,300.

Pumpkins: Agricultural chemical applications, program states, 2022 ¹

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Pounds</i>
Herbicides					
Clethodim	12	1.3	0.071	0.094	600
Clomazone	49	1.0	0.446	0.465	12,000
Cyflumetofen	27	1.0	0.239	0.239	
Ethalfuralin	14	1.1	1.100	1.251	9,400
Fomesafen sodium	27	1.0	0.239	0.239	3,400
Glyphosate iso. salt	9	1.1	0.813	0.927	4,500
Glyphosate pot. salt	13	1.0	1.109	1.152	8,200
Halosulfuron-methyl	9	1.1	0.040	0.042	200
Metolachlor	1	1.8	1.204	2.170	1,300
S-Metolachlor	32	1.0	1.144	1.167	19,500
ALL	70				60,800
Insecticides					
Acetamiprid	9	3.1	0.092	0.281	1,400
Beta-cyfluthrin	7	2.8	0.019	0.053	200
Bifenthrin	25	2.0	0.073	0.145	1,900
Carbaryl	3	2.5	0.943	2.384	3,900
Chlorantraniliprole	4	2.0	0.060	0.121	300
Cyfluthrin	2	5.9	0.038	0.226	300
Esfenvalerate	1	2.2	0.066	0.144	100
Flonicamid	1	1.4	0.094	0.136	100
Imidacloprid	4	1.4	0.224	0.323	700
Lambda-Cyhalothrin	11	2.4	0.031	0.075	500
Malathion	1	1.6	3.443	5.368	1,900
Methomyl	1	3.3	0.433	1.423	500
Permethrin	3	3.2	0.102	0.329	600
Pymetrozine	1	2.1	0.082	0.173	100
Thiamethoxam	1	2.0	0.053	0.105	100
Zeta-Cypermethrin	12	1.3	0.022	0.028	200
ALL	50				13,300
Fungicides					
Ametoctradin	2	3.9	0.558	2.175	2,500
Azoxystrobin	22	2.1	0.269	0.564	6,600
Basic copper sulfate	6	2.9	0.503	1.478	4,900
Benzovindiflupyr	12	2.3	0.062	0.140	900
Boscalid	1	2.1	0.200	0.420	200
Chlorothalonil	54	3.5	1.703	5.940	171,300
Copper chloride hyd.	28	2.3	0.223	0.502	7,400
Copper hydroxide	39	2.5	0.458	1.149	23,700
Cyazofamid	18	1.4	0.080	0.114	1,100
Cyflufenamid	8	1.8	0.021	0.037	200
Cymoxanil	3	1.7	0.281	0.487	800
Cyprodinil	7	3.1	0.276	0.848	3,100
Difenoconazole	15	2.5	0.125	0.307	2,400
Dimethomorph	3	3.7	0.391	1.459	1,900
Famoxadone	3	1.7	0.283	0.493	800
Fluopicolide	4	1.2	0.123	0.146	300
Mancozeb	13	3.1	1.403	4.380	29,500
Mandipropamide techn	16	1.4	0.123	0.170	1,400
Mefenoxam	1	2.7	0.281	0.751	200
Mono-potassium salt	2	1.7	1.269	2.110	2,500
Myclobutanil	10	1.9	0.113	0.215	1,100
Oxathiapiprolin	18	1.1	0.050	0.055	500
Penthiopyrad	1	2.8	0.353	1.003	500
Propamocarb hydroch.	3	1.9	0.946	1.835	2,700
Propiconazole	3	1.0	0.204	0.211	400
Pyraclostrobin	2	1.7	0.175	0.299	300
Quinoline	19	2.0	0.107	0.215	2,200
Sulfur	1	2.5	2.482	6.160	1,800
Tebuconazole	10	1.1	0.219	0.238	1,200
Thiophanate-methyl	4	2.2	1.835	3.983	7,400
Triflumizole	6	1.2	0.340	0.399	1,400
ALL	71				305,300

¹ California, Illinois, Indiana, Michigan, New York, North Carolina, Ohio, Pennsylvania, and Texas.

Agricultural chemical applications: Fall potatoes, 2022 ¹

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Pounds</i>
Herbicides					
Diquat Dibromide	95	1.0	0.199	0.200	9,000
Metribuzin	87	1.0	0.294	0.294	12,000
Linuron	95	1.0	0.750	0.750	32,000
S-Metolachlor	96	1.0	1.581	1.581	68,000
TOTAL	99				123,000
Insecticides					
Lambda-Cyhalothrin	87	1.0	0.097	0.097	4,000
Imidacloprid	84	1.0	0.125	0.125	5,000
TOTAL	88				16,000
Fungicides					
Chlorothalonil	96	4.7	1.027	4.793	206,000
Mancozeb	88	4.9	1.488	7.359	292,000
TOTAL	96				583,000

¹ Planted acres in 2022 were 46,000 acres.

Fertilizer applications: Fall potatoes, 2022 ¹

Fertilizer	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Thous. pounds</i>
Nitrogen--N	100	5.8	32	187	8,400
Phosphate--P2O5	96	1.9	33	63	2,700
Potash--K2O	100	2.8	130	360	16,200
Sulfur--S	95	3.9	34	130	5,500

¹ Planted acres in 2022 were 46,000 acres.

Squash: Agricultural chemical applications, program states, 2022 ¹

Agricultural chemical	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Pounds</i>
Herbicides					
Clethodim	2	1.0	0.124	0.127	100
Clomazone	20	1.0	0.202	0.205	1,600
Dimethenamid-p	2	1.0	0.650	0.655	600
Ethalfuralin	20	1.0	0.769	0.776	6,100
Fomesafen sodium	6	1.1	0.183	0.195	500
Glyphosate iso. salt	2	1.3	3.273	4.241	3,800
Halosulfuron-methyl	5	1.1	0.035	0.036	100
S-Metolachlor	3	1.4	1.005	1.447	1,600
ALL	39				19,300
Insecticides					
Abamectin	3	2.1	0.023	0.049	100
Acetamiprid	1	2.0	0.081	0.163	100
Bifenthrin	6	2.1	0.084	0.172	400
Carbaryl	1	2.0	1.270	2.593	1,300
Chlorantraniliprole	23	1.6	0.115	0.184	1,600
Esfenvalerate	6	3.4	0.033	0.112	300
Imadacloprid	12	3.5	0.072	0.247	1,100
Lambda-cyhalothrin	7	2.9	0.027	0.076	200
Malathion	1	1.9	1.790	3.447	2,000
Permethrin	1	1.6	0.147	0.233	100
Spinosad	1	2.8	0.083	0.232	100
Thiamethoxam	4	1.1	0.097	0.105	100
Zeta-cypermethrin	5	1.4	0.021	0.029	100
ALL	63				12,800
Fungicides					
Azoxystrobin	4	2.0	0.116	0.235	400
Basic copper sulfate	1	2.0	0.514	1.025	300
Chlorothalonil	53	3.7	1.290	4.778	98,900
Copper chloride hyd.	23	5.9	0.293	1.738	15,800
Copper hydroxide	36	5.7	0.428	2.426	33,600
Copper sulfate	1	1.9	0.071	0.131	100
Cyazofamid	5	1.0	0.059	0.060	100
Cyprodinil	4	1.1	0.267	0.297	400
Difenoconazole	6	1.5	0.073	0.110	300
Dimethomorph	2	1.0	0.157	0.160	100
Mancozeb	21	4.6	1.461	6.653	54,800
Mandipropamide techn	5	1.1	0.163	0.173	400
Mefenoxam	19	1.1	0.094	0.099	700
Oxathiapiprolin	21	1.8	0.016	0.029	200
Pyraclostrobin	2	1.3	0.160	0.201	200
Quinoline	4	1.9	0.094	0.174	200
Sulfur	1	3.6	2.577	9.395	4,400
ALL	69				217,100

¹ California, Florida, Georgia, Michigan, New Jersey, New York, North Carolina, and Oregon. Planted acres in 2022 were 38,700.

Chemical applications: Winter wheat, 2022 ¹

Fertilizer	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Pounds</i>
Herbicides					
Bromoxynil heptan.	51	1.0	0.088	0.088	20,000
Bromoxynil octanoate	51	1.0	0.093	0.093	22,000
Fluroxypyr 1-MHE	10	1.0	0.087	0.087	4,000
Methanone	51	1.0	0.029	0.029	7,000
Pyroxulam	10	1.0	0.016	0.016	1,000
TOTAL	81				90,000
Insecticides					
TOTAL	29				3,000
Fungicides					
Fluxapyroxad	15	1.0	0.013	0.013	1,000
Propiconazole	32	1.3	0.081	0.107	16,000
Prothioconazole	43	1.3	0.096	0.123	24,000
Pydiflumetofen	14	1.0	0.127	0.127	8,000
Pyraclostrobin	15	1.0	0.068	0.068	5,000
Tebuconazole	42	1.1	0.104	0.113	22,000
Trifloxystrobin	14	1.0	0.093	0.093	6,000
TOTAL	75				94,000
Other chemicals	11	1.0	0.145	0.145	7,000

¹ Planted acres in 2022 were 460,000.

Fertilizer applications: Winter wheat, 2022 ¹

Fertilizer	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per acre</i>	<i>Pounds per acre</i>	<i>Thous. pounds</i>
Nitrogen (N)	98	2.3	46	105	47,600
Phosphate (P ₂ O ₅)	64	1.2	40	50	14,600
Potash (K ₂ O)	76	1.2	58	70	24,300
Sulfur (S)	64	1.5	11	16	4,600

¹ Planted acres in 2022 were 460,000 acres.

Fruit

Fruit: Acres, production, and value, 2018-2022

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						
2018	32,000	32,300	1,035	1,034	0.276	285,104
2019	32,000	33,100	1,060	1,059	0.274	289,730
2020	31,500	31,800	1,000	999	0.292	291,520
2021	31,500	23,100	728	727	0.325	236,646
2022	32,000	42,500	1,360	1,333	0.309	412,012
Blueberries ¹						
2018	19,700	3,560	70	70	1.000	70,226
2019	20,600	4,120	85	85	0.886	75,258
2020	17,200	4,290	74	74	1.020	75,356
2021	15,200	4,780	73	72	1.140	82,059
2022	14,600	4,000	58	58	1.670	96,687
Cherries, tart						
2018	26,500	7,600	201	198	0.191	37,936
2019	25,600	6,650	170	158	0.143	22,534
2020	23,500	2,950	69	69	0.473	32,712
2021	23,000	4,200	97	96	0.601	57,968
2022	23,000	7,850	181	179	0.204	36,527
Peaches						
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
2020	2,400	5,000	12.0	12.0	0.750	9,006
2021	2,400	7,000	16.8	16.8	0.670	11,257
2022	2,300	7,000	23.0	22.3	0.900	20,099

¹ Harvested acres.

Apples: Utilization and price, 2018-2022

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>
2018	520	0.420	514	0.130	1,034	0.276
2019	529	0.405	530	0.142	1,059	0.274
2020	497	0.430	502	0.155	999	0.292
2021	313	0.455	414	0.228	727	0.325
2022	707	0.430	626	0.172	1,333	0.309

Blueberries: Utilization and price, 2018-2022

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>
2018	70	70	37	1.380	33	0.580
2019	85	85	45	1.350	40	0.370
2020	74	74	42	1.510	32	0.380
2021	73	72	36	1.450	36	0.820
2022	58	58	32	2.100	26	1.150

Cherries, tart: Production by region, 2018-2022

Region	2018	2019	2020	2021	2022
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Northwest	115.2	104.5	42.6	45.4	103.7
West Central	60.4	37.0	22.2	30.6	55.2
Southwest and other	25.4	28.5	4.5	20.6	21.6
Michigan	201.0	170.0	69.3	96.6	180.5

Cherries, tart, frozen: Stocks in cold storage, 2019-2023

Month	East North Central region ¹				48 States total ²			
	2019-20	2020-21	2021-22	2022-23	2019-20	2020-21	2021-22	2022-23
	<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	95,280	71,250	50,933	68,551	117,089	108,801	97,760	97,585
August	119,160	70,942	68,487	80,002	162,132	112,451	92,257	108,640
September	113,354	66,444	64,576	76,172	152,361	107,092	85,863	99,267
October	106,969	64,797	60,100	68,972	145,276	100,699	77,715	88,834
November	102,550	60,993	49,937	64,684	139,349	93,002	76,808	82,492
December	96,257	55,749	47,781	61,435	128,711	82,348	66,106	78,344
January	90,743	50,382	41,697	57,058	118,983	77,159	58,781	70,517
February	80,322	47,051	33,464	53,583	105,679	68,157	51,912	64,101
March	74,472	42,158	30,120	50,823	102,965	62,644	46,188	60,634
April	68,386	37,984	27,076	45,338	93,006	50,294	41,921	53,966
May	61,166	29,716	22,586	42,209	85,708	40,469	36,972	50,281
June	54,701	24,875	17,557		77,292	34,438	29,130	

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

² Excluding Alaska and Hawaii.

Vegetables

Vegetables: Area planted and harvested, production, and value, by crop, 2018-2022

Crop	Planted	Harvested	Production	Value
	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 dollars</i>
Asparagus				
2018	10,000	9,500	266	23,275
2019	10,000	9,400	282	25,875
2020	9,600	9,200	258	23,688
2021	9,300	8,800	246	21,978
2022	8,600	8,300	274	26,332
Snap beans				
2018	21,000	18,200	1,365	21,520
2019	18,600	17,600	1,602	25,611
2020	17,400	17,200	1,531	28,156
2021	16,200	16,100	1,530	24,215
2022	16,800	16,500	1,650	31,030
Cabbage				
2018	3,800	3,700	1,295	14,327
2019	4,600	4,500	1,530	18,684
2020	4,100	4,000	1,640	18,073
2021	4,800	4,600	1,748	22,665
2022	4,500	4,400	1,892	32,032
Cucumbers				
2018	35,000	34,400	4,128	55,418
2019	40,000	39,600	5,940	70,560
2020	35,000	34,900	4,537	55,242
2021	34,000	33,800	4,563	52,547
2022	33,000	32,800	4,920	63,210
Bell peppers				
2018	2,100	2,000	480	18,220
2019	2,200	2,100	536	19,674
2020	2,000	1,900	437	14,345
2021	2,200	2,100	420	18,397
2022	2,100	2,000	450	22,380
Pumpkins				
2018	5,700	5,400	1,026	14,947
2019	5,800	5,400	810	12,909
2020	5,700	5,400	864	14,440
2021	5,600	5,100	893	14,856
2022	5,100	4,900	931	16,439
Squash				
2018	9,000	8,700	1,914	37,072
2019	8,900	8,600	1,720	43,825
2020	8,100	7,900	1,738	44,456
2021	8,300	8,100	1,620	40,164
2022	7,500	7,300	1,643	39,469
Michigan				
2018	86,600	81,900	10,474	184,779
2019	90,100	87,200	12,419	217,138
2020	81,900	80,500	11,004	198,400
2021	80,400	78,600	11,019	194,822
2022	77,600	76,200	11,759	230,892

Vegetables, processing: Acres, production, and value, 2018-2022

Item and Year	Production	Price per ton	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Cabbage			
2018	30,433	155	4,717
2019	45,900	155	7,115
2020	36,080	170	6,134
2021	(D)	(D)	(D)
2022	35,002	299	7,000
Cucumbers			
2018	153,149	215	32,927
2019	241,461	188	45,395
2020	183,975	210	38,635
2021	184,117	170	31,300
2022	216,726	210	45,512
Snap beans			
2018	60,333	215	12,972
2019	66,947	170	11,381
2020	62,457	175	10,930
2021	(D)	(D)	(D)
2022	71,693	215	15,414

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

Vegetables, fresh market: Acres, production, and value, 2018-2022

Item and year	Production	Price per cwt	Value ¹
	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Beans, snap			
2018	158	54.00	5,848
2019	261	54.50	14,230
2020	280	61.50	17,226
2021	(D)	(D)	(D)
2022	215	72.80	15,616
Cabbage			
2018	686	14.00	9,610
2019	609	19.00	11,569
2020	918	13.00	11,939
2021	(D)	(D)	(D)
2022	1,192	21.00	25,032
Cucumbers			
2018	1,061	21.20	22,491
2019	1,099	22.90	25,165
2020	681	24.40	16,607
2021	853	24.90	21,247
2022	536	33.00	17,698

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

Vegetables, dual purpose: Acres, production, and value, 2018-2022

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						
2018	10,000	9,500	28	266	87.50	23,275
2019	10,000	9,400	30	282	94.60	25,875
2020	9,600	9,200	28	258	93.90	23,688
2021	9,300	8,800	28	246	90.10	21,978
2022	8,600	8,300	33	274	96.20	26,332
Peppers, bell						
2018	2,100	2,000	240	480	38.00	18,220
2019	2,200	2,100	255	536	37.00	19,674
2020	2,000	1,900	230	437	33.20	14,345
2021	2,200	2,100	200	420	43.90	18,397
2022	2,100	2,000	225	450	50.30	22,380
Pumpkins						
2018	5,700	5,400	190	1,026	14.80	14,947
2019	5,800	5,400	150	810	16.00	12,909
2020	5,700	5,400	160	864	16.90	14,440
2021	5,600	5,100	175	893	17.20	14,856
2022	5,100	4,900	190	931	17.90	16,439
Squash						
2018	9,000	8,700	220	1,914	19.70	37,072
2019	8,900	8,600	200	1,720	26.00	43,825
2020	8,100	7,900	220	1,738	26.10	44,456
2021	8,300	8,100	200	1,620	25.00	40,164
2022	7,500	7,300	225	1,643	24.20	39,469

Horticulture

Floriculture crops: Number of growers by gross value of sales, 2018-2022

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>
2018	49	78	35	97	170	140	569
2019	68	65	21	71	162	142	529
2020	59	63	36	91	155	145	549
2021	49	60	35	108	141	146	539
2022	47	65	21	98	132	151	514

Floriculture crops: Growing area by type of cover, 2018-2022

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>
2018	3,126	2,926	41,861	47,913	1,742	49,655	2,359
2019	3,790	4,431	41,179	49,400	789	50,189	5,070
2020	3,048	4,410	42,120	49,578	1,108	50,686	2,430
2021	3,534	4,121	42,073	49,728	550	50,278	2,303
2022	3,499	4,146	44,113	51,758	500	52,258	2,294

Floriculture crops: Wholesale value of sales by category, 2018-2022

Year	Herbaceous perennials	Potted flowering plants	Foliage plants for indoor or patio use	Annual bedding/ garden plants	Total wholesale value of reported crops ¹	Expanded wholesale value of reported crops ²
	<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>
2018	69,390	70,435	8,849	224,469	474,977	486,746
2019	79,741	58,718	14,029	220,420	430,237	439,500
2020	79,633	52,005	19,718	247,740	491,317	502,558
2021 ³	99,889	56,926	17,873	342,873	622,993	635,258
2022	117,242	62,530	(D)	393,477	700,335	711,204

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

¹ Includes listed categories, cut flowers, cut cultivated greens, and propagative floriculture material.

² 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.

³ Total value starting in 2021.

Annual bedding plants: Producers, quantity sold as flats, price, and value, 2016-2022

Item	Producers	Quantity sold	Price ¹	Value of sales ²
	<i>Number</i>	<i>1,000 flats</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Begonias				
2018	192	851	8.07	6,868
2019	185	696	8.80	6,128
2020	187	929	8.56	7,956
2021	185	1,125	9.14	10,283
2022	178	1,184	9.41	11,143
Geraniums from cuttings				
2018	27	131	8.81	1,154
2019	5	(D)	(D)	(D)
2020	10	124	9.31	1,154
2021	7	(D)	(D)	(D)
2022	10	27	9.26	250
Impatiens, other				
2018	159	1,108	7.94	8,798
2019	163	847	7.87	6,662
2020	172	1,311	7.51	9,847
2021	191	1,327	8.70	11,549
2022	176	1,491	8.40	12,437
Marigolds				
2018	193	611	7.78	4,754
2019	193	529	7.82	4,138
2020	191	846	7.06	5,974
2021	188	866	7.93	6,869
2022	181	967	8.33	8,056
New Guinea Impatiens				
2018	37	91	8.14	741
2019	37	(D)	(D)	(D)
2020	40	195	9.31	1,815
2021	38	170	9.91	1,685
2022	40	183	10.09	1,847
Pansies/Violas				
2018	165	580	8.99	5,214
2019	158	298	8.32	2,480
2020	158	678	7.01	4,751
2021	150	787	7.19	5,656
2022	151	1,040	7.25	7,539
Petunias				
2018	196	1,315	8.53	11,217
2019	188	1,302	9.23	12,022
2020	187	1,543	8.20	12,660
2021	185	1,598	8.33	13,311
2022	176	1,796	8.01	14,394
Other flowering and foliar				
2018	181	2,320	8.99	20,857
2019	182	1,864	9.31	17,363
2020	177	3,075	7.65	23,536
2021	178	3,155	7.85	24,756
2022	172	3,326	7.96	26,483
Vegetables ³				
2018	138	606	7.41	4,490
2019	111	454	10.08	4,575
2020	122	583	9.33	5,442
2021	296	774	8.94	6,922
2022	301	802	10.98	8,807

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

¹ Wholesale price before 2021.

² Wholesale value before 2021.

³ Does not include vegetable transplants grown for commercial use.

Hanging baskets: Producers, quantity sold, price, and value, 2016-2022

Item	Producers	Quantity sold	Price ¹	Value of sales ²
	<i>Number</i>	<i>1,000 baskets</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Begonias				
2018	165	486	7.04	3,421
2019	174	561	7.41	4,156
2020	175	820	7.68	6,294
2021	170	1,023	8.13	8,312
2022	163	1,050	8.83	9,270
Geraniums from cuttings				
2018	202	1,041	7.18	7,474
2019	196	710	7.49	5,320
2020	196	954	8.01	7,642
2021	180	891	9.56	8,519
2022	180	970	10.23	9,924
Impatiens, other				
2018	128	681	4.94	3,364
2019	115	436	5.33	2,324
2020	130	580	5.95	3,451
2021	109	556	6.60	3,669
2022	98	424	7.32	3,105
Marigolds				
2018	15	52	4.64	241
2019	15	54	5.41	292
2020	14	73	5.08	371
2021	9	59	5.27	311
2022	12	63	5.97	376
New Guinea Impatiens				
2018	168	384	7.19	2,761
2019	167	472	6.18	2,915
2020	163	442	6.55	2,894
2021	149	479	9.15	4,381
2022	149	500	9.60	4,799
Pansies/Violas				
2018	53	212	5.53	1,172
2019	54	161	5.10	821
2020	50	359	6.46	2,320
2021	56	336	5.67	1,904
2022	48	336	6.64	2,230
Petunias				
2018	192	1,502	5.83	8,757
2019	195	1,241	6.37	7,907
2020	188	1,683	6.55	11,029
2021	184	1,668	7.29	12,168
2022	181	1,472	8.12	11,959
Other flowering				
2018	182	3,511	7.69	27,000
2019	177	3,336	7.66	25,558
2020	180	3,162	7.66	24,211
2021	171	3,373	9.54	32,163
2022	174	3,835	10.09	38,713
Foliage				
2018	68	335	10.05	3,367
2019	52	589	12.83	7,554
2020	72	377	7.66	2,887
2021	73	676	6.74	4,555
2022	80	650	7.58	4,921

¹ Wholesale price before 2021.

² Wholesale value before 2021.

Potted flowering and annual bedding plants: Producers, quantity sold, price, and value, 2016-2022

Item	Producers	Quantity sold			Price ¹		Value of sales ²
		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>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Begonias							
2018	134	903	724	1,627	2.04	4.38	5,013
2019	129	783	546	1,329	2.21	5.49	4,731
2020	135	2,420	799	3,219	1.63	3.87	7,027
2021	118	2,888	795	3,683	1.78	4.74	8,910
2022	121	2,839	849	3,688	1.27	6.29	10,531
Chrysanthemums, florist							
2018	19	96	326	422	2.51	4.13	1,064
2019	14	(D)	(D)	554	(D)	(D)	2,265
2020	17	388	672	1,060	1.54	3.74	3,107
2021	8	(D)	(D)	(D)	(D)	(D)	(D)
2022	13	(D)	(D)	471	(D)	(D)	1,909
Chrysanthemums, hardy garden							
2018	131	1,271	5,668	6,939	1.17	3.13	19,228
2019	108	1,433	4,187	5,620	1.02	3.51	16,132
2020	117	1,568	5,927	7,495	1.15	3.67	23,568
2021	136	2,360	7,970	10,330	1.08	3.82	32,983
2022	143	2,177	8,361	10,538	1.23	4.42	39,641
Easter Lilies							
2018	33	141	1,253	1,394	2.37	4.33	5,760
2019	20	(D)	(D)	982	(D)	(D)	4,494
2020	22	(D)	(D)	950	(D)	(D)	4,063
2021	22	(D)	(D)	921	(D)	(D)	4,413
2022	22	(D)	(D)	970	(D)	(D)	4,941
Geraniums from cuttings							
2018	200	4,033	1,437	5,470	1.42	4.68	12,452
2019	194	2,434	1,229	3,663	1.83	3.99	9,370
2020	201	3,476	1,789	5,265	1.79	4.59	14,442
2021	179	2,016	1,489	3,505	2.89	6.44	15,416
2022	190	2,158	1,284	3,442	2.99	7.49	16,054
Impatiens, other							
2018	76	365	185	550	1.89	2.91	1,228
2019	61	381	252	633	1.34	2.41	1,118
2020	79	622	394	1,016	1.40	2.21	1,742
2021	58	(D)	(D)	1,355	(D)	(D)	2,965
2022	49	(D)	(D)	1,491	(D)	(D)	3,027
Marigolds							
2018	31	232	100	332	1.17	2.71	542
2019	28	293	388	681	0.75	1.72	886
2020	25	594	165	759	0.79	2.63	905
2021	29	(D)	(D)	1,169	(D)	(D)	1,742
2022	27	(D)	(D)	1,012	(D)	(D)	1,580
New Guinea Impatiens							
2018	162	1,950	319	2,269	1.42	4.85	4,316
2019	166	1,686	366	2,052	1.74	4.12	4,446
2020	162	1,884	408	2,292	1.69	4.35	4,957
2021	144	2,066	453	2,519	1.88	6.16	6,686
2022	142	2,059	427	2,486	2.04	5.58	6,584

See footnote(s) at end of table.

--continued

Potted flowering and annual bedding plants: Producers, quantity sold, price, and value, 2016-2022 (continued)

Item	Producers	Quantity sold			Price ¹		Value of sales ²
		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>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Pansies/Violas							
2018	66	1,666	299	1,965	0.95	3.22	2,545
2019	69	699	604	1,303	1.56	2.74	2,741
2020	65	1,762	347	2,109	0.61	2.93	2,097
2021	61	2,465	468	2,933	1.15	4.14	4,776
2022	67	2,508	748	3,256	1.02	3.99	5,680
Petunias							
2018	131	2,932	1,666	4,598	1.58	4.05	11,380
2019	141	2,970	1,888	4,858	2.00	4.27	14,014
2020	135	2,871	1,345	4,216	2.01	5.32	12,913
2021	123	3,860	1,676	5,536	2.04	5.04	16,304
2022	122	4,879	1,679	6,558	1.99	5.14	18,300
Poinsettias							
2018	64	815	1,970	2,785	1.62	4.86	10,895
2019	47	631	1,691	2,322	1.88	4.46	8,722
2020	52	514	1,723	2,237	1.83	4.71	9,058
2021	49	609	1,770	2,379	1.90	5.06	10,112
2022	50	591	1,917	2,508	1.11	5.27	11,339
Flowering bulbs							
2018	30	628	1,563	2,191	2.07	3.42	6,645
2019	21	(D)	(D)	7,223	(D)	(D)	14,056
2020	24	(D)	(D)	7,573	(D)	(D)	14,539
2021	20	(D)	(D)	(D)	(D)	(D)	(D)
2022	23	(D)	(D)	7,974	(D)	(D)	16,193
Other flowering plants							
2018	58	909	5,169	6,078	2.59	7.95	43,448
2019	88	2,547	3,190	5,737	2.29	7.01	28,181
2020	52	1,342	2,210	3,552	1.97	7.86	20,025
2021	49	1,309	2,123	3,432	2.06	8.59	20,927
2022	46	1,168	1,996	3,164	2.46	9.22	21,267
Other flowering and foliar type bedding plants							
2018	173	21,183	5,500	26,683	1.50	4.70	57,625
2019	197	23,296	6,702	29,998	1.48	4.88	67,244
2020	187	21,746	5,552	27,298	1.42	5.17	59,636
2021	168	21,861	7,017	28,878	1.99	5.92	85,003
2022	171	23,643	7,972	31,615	2.06	6.43	100,149
Vegetable type ¹							
2018	106	3,672	565	4,237	1.52	9.74	11,085
2019	95	5,545	1,015	6,560	1.37	3.18	10,829
2020	109	5,970	756	6,726	1.37	5.95	12,674
2021	274	(D)	(D)	11,518	(D)	(D)	19,870
2022	281	11,186	1,012	13,474	1.69	4.94	26,085

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

¹ Wholesale price before 2021.

² Wholesale value before 2021.

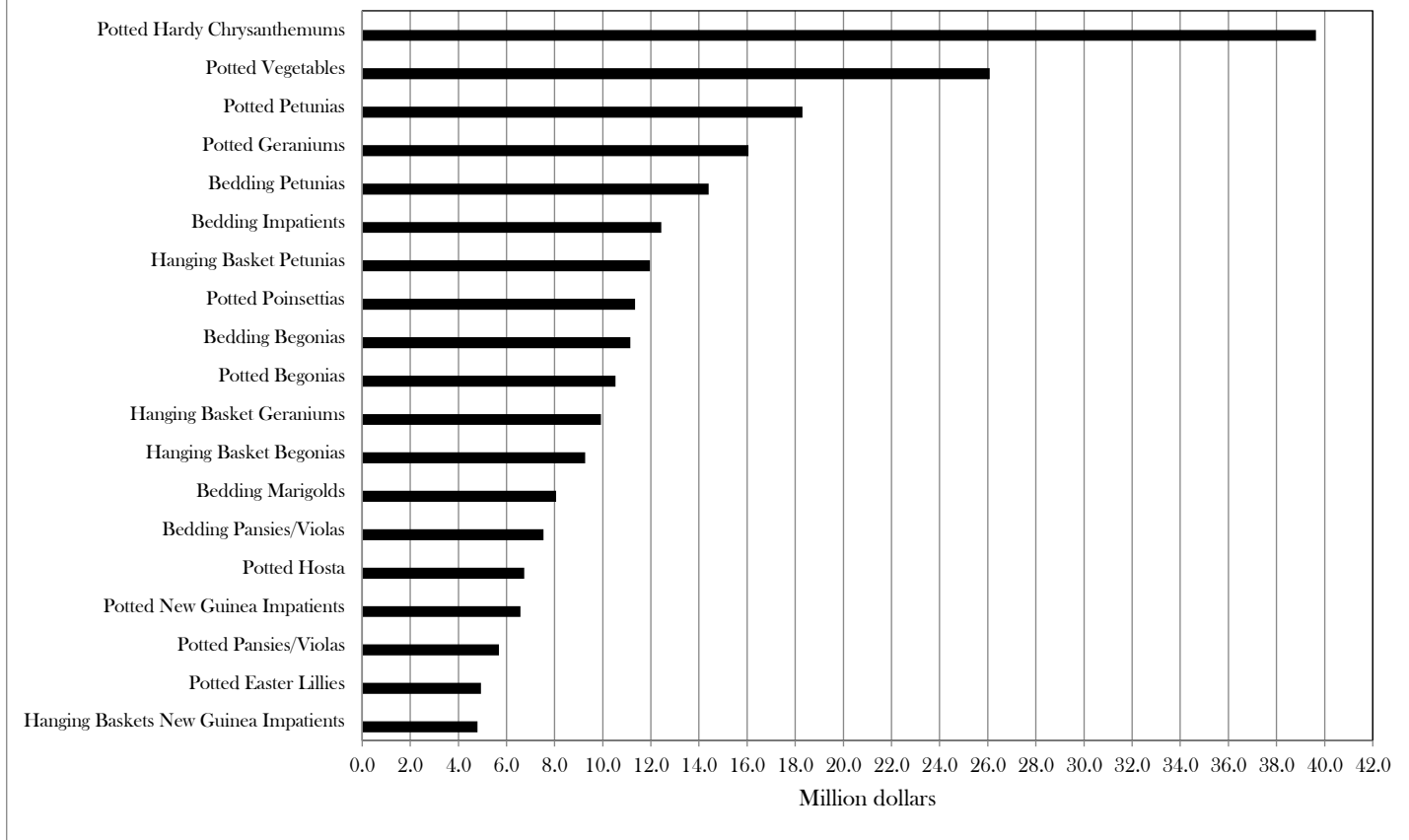
Herbaceous perennials: Producers, quantity sold, price, and value, 2016-2022

Item	Producers	Quantity Sold				Price ¹			Value of sales ²
		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>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Hosta									
2018	112	881	683	27	1,591	1.81	3.62	7.26	4,263
2019	105	1,019	886	30	1,935	2.09	3.73	7.87	5,673
2020	104	492	810	31	1,333	2.29	3.91	8.58	4,562
2021	104	373	724	127	1,224	3.05	5.01	8.26	5,817
2022	103	396	870	125	1,391	3.20	5.05	8.59	6,730
Other									
2018	135	6,303	6,691	313	13,307	1.72	4.51	9.09	43,863
2017	132	7,465	6,248	370	14,083	1.88	6.04	8.13	54,793
2020	133	6,759	6,829	245	13,833	2.04	4.69	9.58	48,167
2021	128	6,608	6,182	233	13,023	2.26	5.45	12.13	51,455
2022	124	7,263	6,532	225	14,020	2.71	5.80	11.88	60,279

¹ Wholesale price before 2021.

² Wholesale value before 2021.

Selected Floriculture Crops: Value of Sales, 2022



Livestock, Dairy, and Poultry

Livestock: Record highs and lows

Livestock	Unit	Record high		Record low		Year estimates started
		Quantity	Year	Quantity	Year	
Cattle and calves	1,000 head	2,036	1944	538	1867	1867
Cattle on feed	1,000 head	210	2004	57	1931	1930
Chickens, all ¹	1,000 birds	21,587	2022	6,190	1997	1924
Cows, beef	1,000 head	239	1977	24	1925,1933	1920
Cows, milk	1,000 head	1,080	1945	225	1867	1867
Eggs ²	Million eggs	5,062	2022	1,104	1929	1924
Hogs and pigs ¹	1,000 head	1,397	1943	512	1934	1867
Honey	1,000 pounds	11,780	1939	3,362	2022	1921
Milk	Million pounds	11,952	2021	3,941	1927	1924
Sheep	1,000 head	3,100	1867	62	1999	1867
Wool	1,000 pounds	8,424	1934	325	2018	1934

¹ December 1.

² December 1 previous year to November 30.

Cattle and Calves

Cattle and calves: Number on farms by class, January 1, 2019-2023

Class	2019	2020	2021	2022	2023
	<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	530	520	540	530	530
Beef cows	108	93	100	96	98
Milk cows	422	427	440	434	432
Heifers, 500 pounds and over	225	230	220	220	200
Beef cow replacement	25	23	20	23	19
Milk cow replacement	160	175	160	152	140
Other	40	32	40	45	41
Steers, 500 pounds and over	180	175	176	173	165
Bulls, 500 pounds and over	15	15	14	15	14
Calves, under 500 pounds	210	210	190	182	191
All cattle and calves	1,160	1,150	1,140	1,120	1,100

Cattle and calves: Balance sheet, 2018-2022

Year	All cattle and calves on hand January 1	Calf crop	Inshipments	Marketings ¹		Farm slaughter cattle and calves ²	Deaths		All cattle and calves on hand following January 1
				Cattle	Calves		Cattle	Calves	
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
2018	1,160	420	60	370	41	3	22	44	1,160
2019	1,160	400	70	367	41	3	24	45	1,150
2020	1,150	400	70	368	40	3	26	43	1,140
2021	1,140	395	70	373	45	3	23	41	1,120
2022	1,120	370	70	348	45	3	24	40	1,100

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

² Excludes custom slaughter for farmers at commercial establishments.

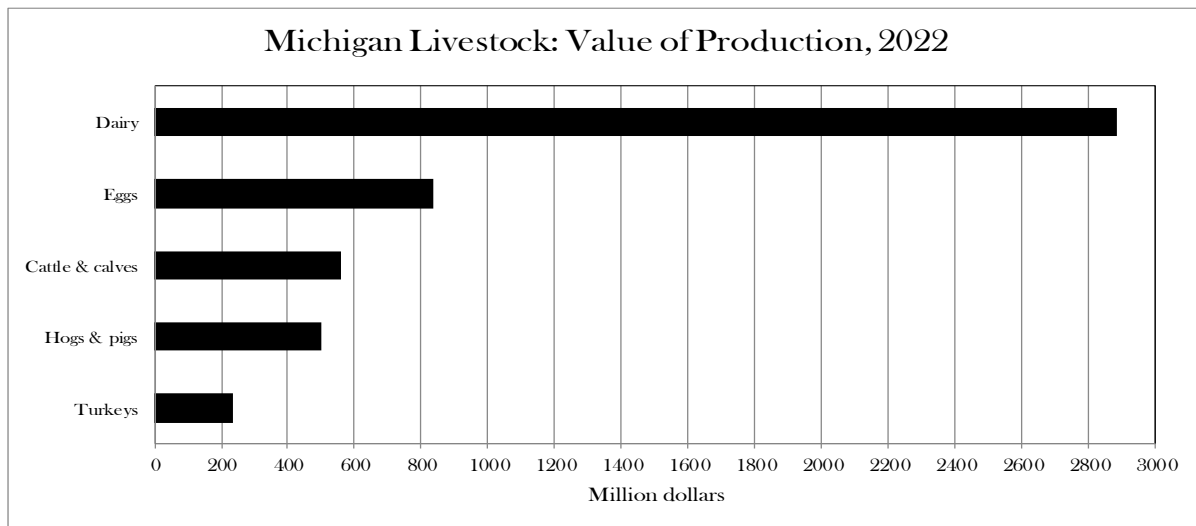
Cattle and calves: Production and income, 2018-2022

Year	Production ¹	Marketings ²	Value of production	Cash receipts ³	Value of home consumption	Gross income
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
2018	494,004	521,800	495,641	539,586	14,151	553,737
2019	473,563	514,010	472,637	533,480	14,247	547,727
2020	488,047	515,025	458,087	508,426	14,526	522,952
2021	479,994	523,850	503,090	572,358	16,084	588,442
2022	434,619	489,100	561,305	642,100	19,320	661,420

¹ Adjustments made for changes in inventory and for inshipments.

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

³ Receipts from marketings and sale of farm slaughter.

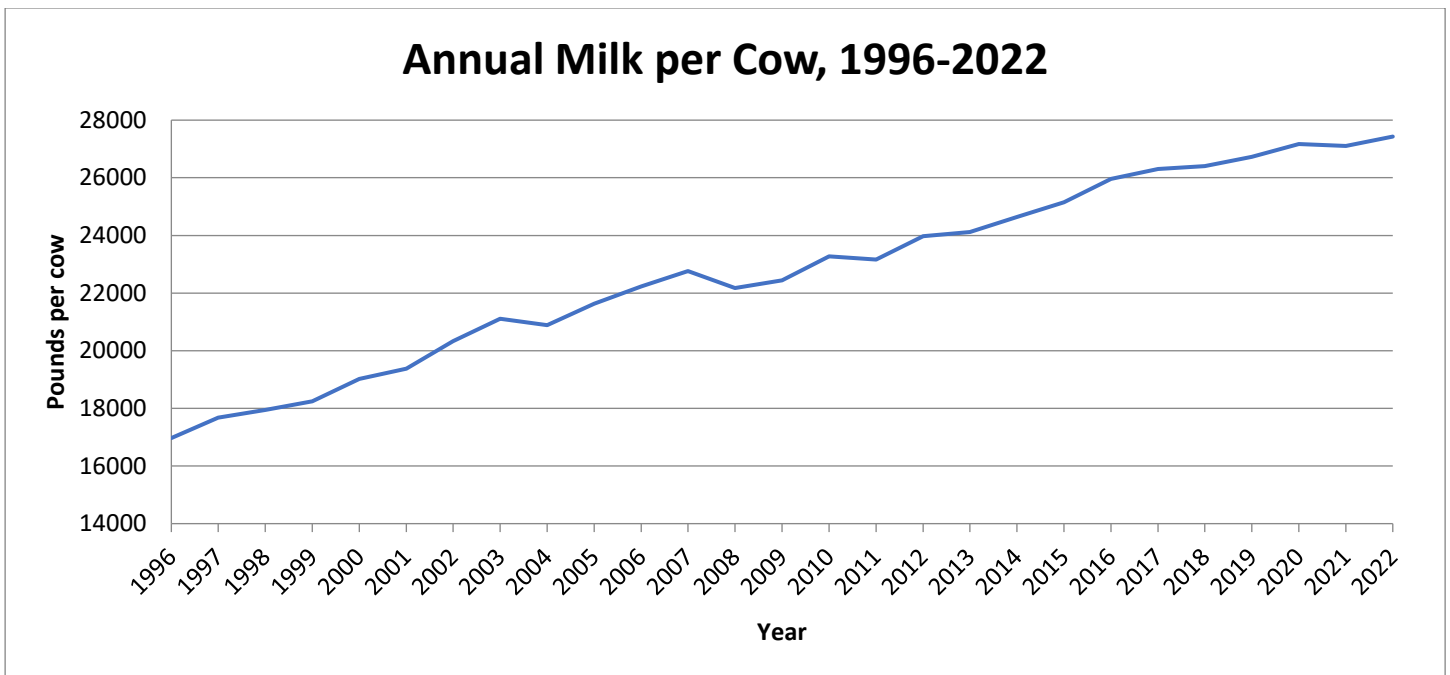


Dairy

Milk: Production, utilization, marketings, and value, 2018-2022

Item	Unit	2018	2019	2020	2021	2022
Production						
Total milk produced on farms	Million pounds	11,171	11,385	11,685	11,952	11,740
Milkfat produced	Million pounds	426.7	436.0	447.5	466.1	466.1
Milkfat	Percent	3.82	3.83	3.83	3.90	3.97
Utilization						
Milk used where produced						
Fed to calves	Million pounds	34	34	36	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	14.90	17.30	16.40	17.60	24.60
Average return per pound milkfat	Dollars	3.90	4.52	4.28	4.51	6.20
Fluid grade	Percent	100	100	100	100	100
Total cash receipts	1,000 dollars	1,659,115	1,963,377	1,910,108	2,097,216	2,879,184
Value						
Value of milk used where produced ¹	1,000 dollars	298	346	328	352	492
Total value of milk produced	1,000 dollars	1,664,479	1,969,605	1,916,340	2,103,552	2,888,040

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



Milk cows: Number by month, 2018-2022

Month	2018	2019	2020	2021	2022
	<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	426	424	427	440	430
February	425	424	427	441	428
March	425	425	428	442	427
April	423	425	428	444	427
May	423	425	428	445	427
June	423	425	428	445	429
July	423	425	428	445	426
August	423	427	429	442	427
September	422	428	430	438	427
October	422	428	431	435	428
November	422	427	436	434	430
December	422	427	439	434	432
Annual	423	426	430	441	428

Milk production: Total by month, 2018-2022

Month	2018	2019	2020	2021	2022
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
January	937	958	974	1,016	980
February	861	871	918	926	899
March	961	971	999	1,036	1,006
April	935	950	965	1,012	978
May	986	999	989	1,039	1,021
June	948	971	976	1,010	1,000
July	948	958	989	1,032	993
August	948	967	995	1,012	997
September	895	929	955	961	954
October	926	954	978	981	984
November	895	907	950	942	957
December	931	950	997	985	996
Annual	11,171	11,385	11,685	11,952	11,740

Milk: Production per cow, by month, 2018-2022

Month	2018	2019	2020	2021	2022
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
January	2,200	2,260	2,280	2,310	2,280
February	2,025	2,055	2,150	2,100	2,100
March	2,260	2,285	2,335	2,345	2,355
April	2,210	2,235	2,255	2,280	2,290
May	2,330	2,350	2,310	2,335	2,390
June	2,240	2,285	2,280	2,270	2,330
July	2,240	2,255	2,310	2,320	2,330
August	2,240	2,265	2,320	2,290	2,335
September	2,120	2,170	2,220	2,195	2,235
October	2,195	2,230	2,270	2,255	2,300
November	2,120	2,125	2,180	2,170	2,225
December	2,205	2,225	2,270	2,270	2,305
Annual	26,409	26,725	27,174	27,102	27,430

Dairy Products, by Region, 2018-2022

Product	Region	2018	2019	2020	2021	2022
		<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Cheese, total ¹	Central	6,000.4	5,998.5	6,160.7	6,611.1	6,859.2
Cheese, American type ²	Central	2,637.3	2,600.8	2,687.2	2,964.0	3,057.3
Cheese, Italian	Central	2,250.2	2,270.7	2,301.1	2,402.7	2,478.8
Butter	Central	777.6	772.7	833.8	802.3	772.3
Cottage cheese, lowfat	Central	128.4	121.4	111.0	108.0	105.0
Cottage cheese, creamed	Central	181.9	182.9	186.7	169.4	169.3
Cottage cheese curd	Central	190.7	174.9	171.1	163.1	167.3
Yogurt, plain and flavored	Central	1,848.2	1,931.8	1,990.1	1,998.1	1,948.9
Condensed skim milk, unsweetened, bulk	Central	746.7	748.2	736.3	610.3	547.1
Nonfat dry milk for human food	Central	332.2	365.1	439.8	400.2	412.1
Dry whey for human food	Central	448.6	425.9	432.7	438.1	410.5
		<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	422,648	425,087	459,807	428,879	430,810
Ice cream, lowfat, total	Central	298,732	317,267	300,455	300,510	290,931
Sherbet, hard	Central	19,230	17,467	18,611	15,475	15,719
Frozen yogurt mix	Central	10,609	8,759	7,193	6,910	7,875
Ice cream mix, regular	Central	240,382	264,619	273,780	261,374	259,094
Ice cream mix, lowfat	Central	155,181	169,705	169,021	166,368	160,251
Ice cream mix, lowfat	Michigan	18,766	25,625	22,693	NA	NA
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Number of Plants	United States	1,275	1,270	1,231	1,201	1,201
Number of Plants	Michigan	49	47	48	47	46

¹ Excluding cottage cheese.

² Includes Cheddar, Colby, and Jack.

Central: AL, AR, IA, IL, IN, KS, KY, LA, MI, MN, MO, MS, ND, NE, OH, OK, SD, TN, TX, WI

Milk and milk cow replacement prices received by farmers, 2022-2023

Month	Milk cows per head ¹	All milk per cwt
	<i>Dollars</i>	<i>Dollars</i>
2022		
January	1,410	23.20
February		23.80
March		24.90
April	1,680	26.40
May		26.50
June		26.30
July	1,750	25.30
August		23.90
September		23.40
October	1,760	24.20
November		24.20
December		23.40
2023		
January	1,800	22.60
February		21.20
March		20.60
April	1,860	20.40
May		19.20
June		17.80
July	1,890	17.10
August		19.10
September		
October		
November		
December		

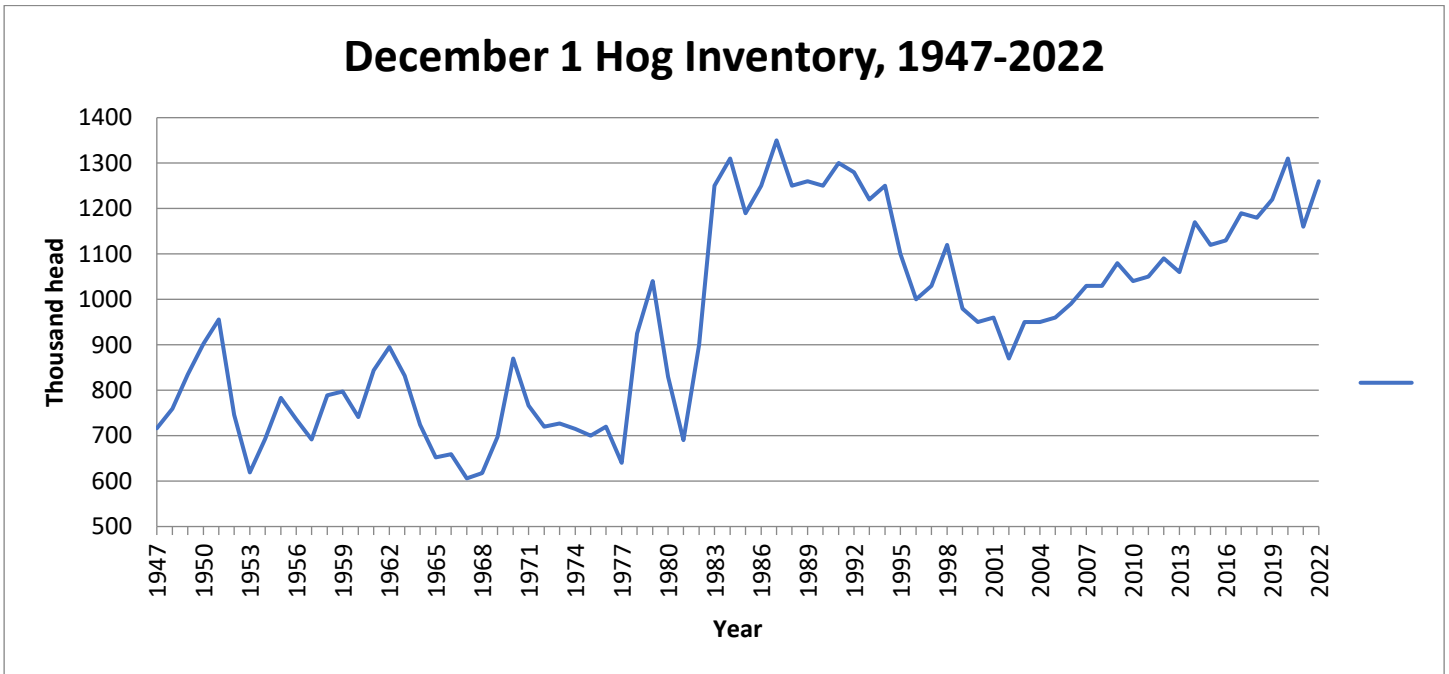
¹ Sold for dairy herd replacement only. Prices published January, April, July, and October.

Hogs and Pigs

Hogs and pigs: Inventory, 2019-2023

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							
2019	330	300	225	255	1,110	120	1,230
2020	335	300	230	255	1,120	120	1,240
2021	345	300	265	260	1,170	120	1,290
2022	310	295	240	235	1,080	110	1,190
2023	330	305	250	240	1,125	115	1,240
June 1							
2019	320	320	230	260	1,130	120	1,250
2020	310	290	225	235	1,060	120	1,180
2021	330	290	220	255	1,095	115	1,210
2022	310	295	230	235	1,070	110	1,180
2023	330	300	235	250	1,115	115	1,230
September 1							
2019	310	310	225	275	1,120	120	1,240
2020	325	305	225	245	1,100	120	1,220
2021	330	315	225	245	1,115	115	1,230
2022	335	295	225	235	1,090	110	1,200
2023	335	315	235	250	1,135	115	1,250
December 1							
2019	340	310	220	250	1,120	120	1,220
2020	380	320	245	245	1,190	120	1,310
2021	320	275	210	245	1,050	110	1,160
2022	350	315	235	245	1,145	115	1,260
2023 ¹							

¹ Published in December 2023.



Hogs and pigs: Sows farrowing and pig crop, 2018-2023

Year	December-February ¹			March-May		
	Sows farrowing	Pigs per litter	Pig crop	Sows farrowing	Pigs per litter	Pig crop
	<i>1,000 head</i>	<i>head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>head</i>	<i>1,000 head</i>
2019	56	10.90	610	54	11.00	594
2020	57	11.10	633	54	10.60	572
2021	52	10.90	567	50	10.70	535
2022	52	11.10	577	51	10.80	551
2023	55	10.70	589	54	11.10	599
	June-August			September-November		
2019	55	11.10	611	56	10.85	608
2020	54	11.40	616	56	11.50	644
2021	53	10.80	572	50	11.10	555
2022	55	10.90	600	56	11.10	622
2023	54	11.10	599	56		

¹ December of previous year.

Hogs and pigs: Balance sheet, 2018-2022

Year	Beginning inventory	Dec-Nov pig crop	Inshipments	Marketings ¹	Farm slaughter ²	Deaths	Number on hand December 1
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
2018	1,190	2,317	183	2,437	2	71	1,180
2019	1,180	2,423	198	2,496	2	83	1,220
2020	1,220	2,465	225	2,495	2	103	1,310
2021	1,310	2,229	307	2,549	2	135	1,160
2022	1,160	2,350	256	2,383	2	131	1,260

¹ Includes custom slaughter and state outshipments, but excludes sales within Michigan.

² Excludes custom slaughter for farmers at commercial establishments.

Hogs and pigs: Production and income, 2018-2022

Year	Production ¹	Marketings ²	Value of production	Cash receipts ³	Value of home consumption	Gross income
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
2018	612,414	618,170	316,357	323,414	590	324,004
2019	706,568	705,984	360,657	360,052	576	360,628
2020	716,543	716,718	343,565	347,609	534	348,143
2021	714,100	735,289	511,272	494,850	740	495,590
2022	699,792	696,216	499,826	492,225	770	492,995

¹ Adjustments made for changes in inventory and for inshipments.

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

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

Honey

Honey: Production and value, 2018-2022 ¹

Year	Honey producing colonies	Yield per colony	Production	Price per pound	Value of production	Stocks Dec 15 ²
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>
2018	97	44	4,268	249	10,627	768
2019	94	50	4,700	256	12,032	1,363
2020	95	47	4,465	295	13,172	1,384
2021	100	51	5,100	300	15,030	1,938
2022	82	41	3,362	304	10,220	706

¹ Includes only producers with 5 or more colonies.

² Stocks held by producers.

Mink

Mink: Farms, pelts produced and females bred to produce kits, 2019-2023

Year	2019	2020	2021	2022	2023
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Pelts produced	65,020	20,360	94,280	97,550	(¹)
Females bred to produce kits	17,340	1,270	11,290	26,150	11,600

¹ Published in July 2024.

Poultry

Chickens: Layers on hand, December 1, 2018-2022

Class	2018	2019	2020	2021	2022
	<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	16,149	15,076	14,618	15,673	16,642
Pullets not of laying age	3,476	3,835	3,859	4,252	4,938
Other chickens	4	3	3	7	7
All chickens (excluding broilers)	19,629	18,914	18,480	19,932	21,587

All eggs: Production and value, 2018-2022 ¹

Year	Eggs produced	Value of production
	<i>Million</i>	<i>1,000 dollars</i>
2018	4,548	364,078
2019	4,517	196,213
2020	4,331	230,625
2021	4,538	244,388
2022	5,062	833,459

¹ December 1 previous year through November 30.

All egg production, by month, 2018-2022

Month	2018	2019	2020	2021	2022
	<i>Million eggs</i>	<i>Million eggs</i>	<i>Million eggs</i>	<i>Million eggs</i>	<i>Million eggs</i>
December	369	407	375	376	403
January	365	403	360	381	414
February	343	357	334	351	386
March	394	404	363	390	440
April	383	384	354	369	422
May	388	393	359	371	434
June	368	377	347	363	428
July	382	370	368	381	438
August	394	355	367	379	432
September	381	334	357	381	417
October	391	363	380	408	430
November	389	370	366	391	418
Total ¹	4,548	4,517	4,331	4,538	5,062

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

All layers: Average number on hand during the month, 2018-2022

Month	2018	2019	2020	2021	2022
	<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	14,747	16,150	15,091	14,644	15,945
January	14,857	16,140	14,784	14,768	16,413
February	15,301	16,157	14,380	15,016	16,827
March	15,554	16,257	14,472	15,051	16,911
April	15,249	16,172	14,430	14,941	16,838
May	15,074	15,767	14,159	14,810	17,055
June	15,157	15,210	14,429	14,598	17,017
July	15,262	14,637	14,878	14,832	16,832
August	15,671	14,109	14,744	15,189	16,778
September	15,926	13,986	14,542	15,522	16,871
October	15,845	14,483	14,660	15,745	17,020
November	16,003	14,959	14,671	15,680	16,827
Annual ¹	15,387	15,336	14,603	15,066	16,778

¹ December 1 previous year through November 30. Average of months may not equal annual average due to rounding.

Turkeys: Number raised and production, 2018-2022 ¹

Year	Number produced	Pounds produced	Value of production
	<i>Thousand birds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
2018	5,200	217,880	111,119
2019	5,400	237,060	137,258
2020	5,200	232,440	164,800
2021	5,100	217,260	178,370
2022	5,200	219,440	234,142

¹ December 1 previous year through November 30.

Sheep and Goats

Sheep and lambs: Number on farms by class, January 1, 2019-2023

Class	2019	2020	2021	2022	2023
	<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	45	45	47	46	43
Rams	3	3	4	3	3
Replacement lambs	14	12	12	14	13
Total market sheep and lambs	24	25	24	24	23
All sheep and lambs	86	85	87	87	82

Sheep and lambs: Lamb crop, 2018-2022

Year	Breeding ewes ¹	Lambs per 100 ewes ¹	Lamb crop
	<i>1,000 Head</i>	<i>Number</i>	<i>1,000 Head</i>
2018	41	122	50
2019	45	120	54
2020	45	124	56
2021	47	119	56
2022	46	119	56

¹ Ewes 1 year and older January 1.

Sheep and lambs: Wool production and value, 2018-2022

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>
2018	55	5.9	325	65	211
2019	61	6.1	375	68	255
2020	61	5.9	360	54	194
2021	63	5.9	370	54	200
2022	58	5.9	340	60	204

Milk goats: Number, January 1, 2019-2023

Year	Milk
	<i>Head</i>
2019	12,000
2020	12,000
2021	12,500
2022	11,500
2023	11,000

Trout

Trout: Value of fish sold and distributed, 2018-2022

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>
2018	1,588	2,565	152	39
2019	1,636	4,145	157	76
2020	1,809	4,505	(D)	(D)
2021	1,059	3,817	(D)	(D)
2022	1,105	5,923	(D)	(D)

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

Principal counties for field crops, 2022 ¹

Rank	Corn for grain	Dry beans ³	Hay ²	Oats	Soybeans	Sugarbeets ³	Wheat
1	Lenawee	Huron	Sanilac	Sanilac	Lenawee	Huron	Huron
2	Saginaw	Tuscola	Missaukee	Huron	Sanilac	Sanilac	Sanilac
3	Sanilac	Sanilac	Osceola	Grand Traverse	Saginaw	Tuscola	Tuscola
4	Gratiot	Bay	Huron	Alpena	Gratiot	Saginaw	Lenawee
5	Branch	Saginaw	Chippewa	Delta	Eaton	Bay	Gratiot

¹ Based on total production.

² Based on 2017 Census of Agriculture

³ 2018—Discontinued for 2019

Principal counties for livestock ¹

Rank	January 1, 2023 Cattle and calves	Hogs and pigs ²	January 1, 2023 Milk cows
1	Huron	Allegan	Huron
2	Sanilac	Cass	Clinton
3	Clinton	Mecosta	Sanilac
4	Gratiot	Kalamazoo	Allegan
5	Allegan	Ionia	Gratiot

¹ Based on number of head.

² Based on 2017 Census of Agriculture

Principal counties for fruits and vegetables, 2017 ¹

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

¹ Based on acres from 2017 Census of Agriculture.

Corn: Acreage, yield, and production, by county, 2021-2022 ¹

County	2021				2022			
	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	2,800	1,970	138.1	272	2,600	910	89.5	81
Dickinson	1,300	740	149.6	111	1,200	270	108.9	29
Menominee	(D)	(D)	(D)	(D)	16,100	3,330	91.6	305
Antrim	(D)	(D)	(D)	(D)	1,900	480	115.0	55
Benzie	1,100	860	155.1	133	(D)	(D)	(D)	(D)
Charlevoix	1,900	1,570	149.0	234	2,400	1,880	112.2	211
Emmet	1,000	600	135.8	82	900	460	106.3	49
Grand Traverse	6,300	5,250	156.8	823	6,000	4,640	112.5	522
Kalkaska	500	440	120.2	53	(D)	(D)	(D)	(D)
Leelanau	2,400	2,050	113.2	232	2,300	2,070	89.6	186
Manistee	5,200	4,440	140.5	624	5,100	4,330	123.8	536
Missaukee	(D)	(D)	(D)	(D)	23,300	3,060	160.5	491
Wexford	6,400	5,350	136.4	730	6,700	3,580	130.2	466
Alpena	7,200	6,240	163.6	1,021	8,600	7,450	134.4	1,001
Iosco	5,800	4,480	161.6	724	5,700	3,140	137.3	431
Ogemaw	13,500	10,000	171.8	1,718	13,700	8,200	152.0	1,246
Otsego	1,300	1,110	141.7	157	1,200	1,070	81.2	87
Presque Isle	6,700	5,810	148.5	863	6,600	6,250	97.1	607
Lake	1,900	1,590	157.9	251	(D)	(D)	(D)	(D)
Mason	15,200	13,200	164.0	2,165	15,600	13,200	166.4	2,196
Muskegon	14,000	10,800	158.0	1,706	13,300	9,110	167.6	1,527
Newaygo	21,400	12,000	172.9	2,075	22,100	18,200	173.6	3,159
Oceana	13,000	11,700	154.0	1,802	15,100	14,500	153.7	2,229
Clare	(D)	(D)	(D)	(D)	6,800	6,250	138.6	866
Gladwin	(D)	(D)	(D)	(D)	7,400	6,820	147.1	1,003
Gratiot	96,800	78,800	172.0	13,554	100,500	83,800	170.9	14,321
Isabella	44,200	36,400	167.4	6,093	44,100	33,600	160.8	5,403
Mecosta	24,200	21,300	153.0	3,259	22,800	17,900	135.3	2,422
Midland	23,400	21,400	182.0	3,895	23,000	20,800	179.0	3,723
Montcalm	60,300	52,600	177.8	9,351	64,300	59,600	157.8	9,405
Osceola	(D)	(D)	(D)	(D)	15,500	8,740	156.1	1,364
Arenac	17,800	15,100	187.8	2,836	17,400	12,400	155.3	1,926
Bay	47,600	44,100	187.8	8,282	49,900	48,200	172.5	8,315
Huron	100,000	73,500	213.0	15,656	105,000	74,800	164.6	12,312
Saginaw	90,000	85,000	177.9	15,122	95,500	88,700	172.2	15,274
Sanilac	108,000	89,000	212.0	18,868	114,000	83,400	175.7	14,653
Tuscola	78,900	72,500	205.3	14,884	81,000	76,100	169.4	12,891

See footnote(s) at end of table.

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Corn: Acreage, yield, and production, by county, 2021-2022 ¹ (continued)

County	2021				2022			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>
Allegan	76,900	62,300	172.0	10,716	72,200	61,300	173.9	10,660
Berrien	52,900	50,000	170.9	8,545	53,400	51,700	175.1	9,053
Cass	68,900	63,700	167.0	10,638	67,600	64,800	162.9	10,556
Kalamazoo	55,100	50,900	150.0	7,635	(D)	(D)	(D)	(D)
Kent	38,600	33,100	174.3	5,769	36,600	33,500	163.1	5,464
Ottawa	40,300	29,000	172.9	5,014	39,300	29,600	177.8	5,263
Van Buren	50,700	46,100	159.0	7,330	(D)	(D)	(D)	(D)
Barry	38,600	30,000	178.8	5,364	40,300	28,400	171.5	4,871
Branch	(D)	(D)	(D)	(D)	84,200	81,400	173.1	14,090
Calhoun	81,000	73,400	159.2	11,685	76,000	71,800	186.3	13,376
Clinton	74,400	56,400	171.7	9,684	77,400	47,900	161.8	7,750
Eaton	56,100	51,700	172.2	8,903	50,100	46,300	181.3	8,394
Hillsdale	72,100	62,300	179.1	11,158	67,700	62,200	186.7	11,613
Ingham	52,100	44,300	174.4	7,726	56,100	47,600	176.1	8,382
Ionia	74,900	59,000	174.0	10,266	75,900	63,300	187.0	11,837
Jackson	61,100	53,000	167.4	8,872	57,900	51,700	170.5	8,815
St Joseph	(D)	(D)	(D)	(D)	82,400	79,700	147.3	11,740
Shiawassee	56,400	48,900	162.3	7,938	56,800	53,600	150.6	8,072
Genesee	32,100	29,000	160.0	4,640	28,600	27,600	146.3	4,038
Lapeer	39,300	33,900	176.1	5,970	38,100	36,600	158.7	5,807
Lenawee	107,000	88,700	184.1	16,327	100,000	86,800	188.4	16,349
Livingston	20,000	17,100	165.7	2,833	20,600	19,600	153.5	3,009
Macomb	12,900	11,400	161.7	1,843	10,500	8,960	157.3	1,409
Monroe	56,000	52,400	193.8	10,155	55,800	53,700	181.3	9,737
Oakland	2,000	1,800	165.6	298	3,100	2,960	142.6	422
St Clair	29,200	25,800	174.5	4,502	26,800	24,600	146.3	3,599
Washtenaw	40,400	34,900	178.5	6,230	34,000	31,200	165.4	5,160
Wayne	1,700	1,530	126.6	194	1,000	970	120.2	117
Other counties	239,200	189,470	150.2	28,450	120,000	104,970	163.1	17,125
Michigan	2,350,000	1,990,000	174.0	346,260	2,350,000	1,990,000	168.0	334,320

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

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

Oats: Acreage, yield, and production, by county, 2021-2022 ¹

County	2021				2022			
	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	1,400	630	51.0	32.1	1,100	820	38.8	31.8
Delta	1,500	720	72.4	52.1	1,200	820	62.1	50.9
Dickinson	900	380	53.9	20.5	(D)	(D)	(D)	(D)
Charlevoix	500	180	48.3	8.7	500	320	52.2	16.7
Emmet	400	230	44.8	10.3	(D)	(D)	(D)	(D)
Grand Traverse	1,700	780	46.2	36.0	1,600	1,120	57.0	63.8
Leelanau	400	200	50.5	10.1	400	310	49.7	15.4
Alpena	(D)	(D)	(D)	(D)	1,200	880	68.9	60.6
Iosco	(D)	(D)	(D)	(D)	900	690	71.2	49.1
Otsego	(D)	(D)	(D)	(D)	800	620	61.3	38.0
Presque Isle	2,100	440	70.2	30.9	(D)	(D)	(D)	(D)
Mason	1,500	730	66.2	48.3	1,200	750	58.3	43.7
Muskegon	400	140	67.1	9.4	200	150	66.7	10.0
Newaygo	900	370	69.7	25.8	500	370	73.2	27.1
Oceana	800	390	82.6	32.2	700	540	61.3	33.1
Clare	1,000	290	63.1	18.3	600	370	50.8	18.8
Gladwin	(D)	(D)	(D)	(D)	500	310	55.8	17.3
Gratiot	500	220	48.2	10.6	(D)	(D)	(D)	(D)
Isabella	2,200	740	64.9	48.0	(D)	(D)	(D)	(D)
Mecosta	1,400	660	53.9	35.6	1,100	370	45.1	16.7
Montcalm	1,900	630	51.4	32.4	(D)	(D)	(D)	(D)
Osceola	800	330	47.3	15.6	(D)	(D)	(D)	(D)

See footnote(s) at end of table.

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Oats: Acreage, yield, and production, by county, 2021-2022 ¹ (continued)

County	2021				2022			
	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	1,800	670	100.0	67.0	1,200	910	96.2	87.5
Saginaw	700	310	75.2	23.3	(D)	(D)	(D)	(D)
Sanilac	2,300	730	92.7	67.7	2,500	1,770	78.0	138.0
Tuscola	(D)	(D)	(D)	(D)	400	190	89.5	17.0
Allegan	(D)	(D)	(D)	(D)	300	180	62.8	11.3
Kent	1,000	430	50.0	21.5	(D)	(D)	(D)	(D)
Ottawa	300	100	58.0	5.8	(D)	(D)	(D)	(D)
Branch	(D)	(D)	(D)	(D)	200	150	84.7	12.7
Clinton	800	150	88.7	13.3	(D)	(D)	(D)	(D)
Eaton	400	100	65.0	6.5	200	150	61.3	9.2
Ionia	1,100	490	67.6	33.1	800	590	42.5	25.1
Jackson	500	220	70.0	15.4	400	270	77.8	21.0
St Joseph	(D)	(D)	(D)	(D)	500	260	58.5	15.2
Shiawassee	(D)	(D)	(D)	(D)	900	620	46.5	28.8
Lapeer	700	210	79.0	16.6	800	560	72.3	40.5
Lenawee	(D)	(D)	(D)	(D)	200	110	58.2	6.4
Washtenaw	(D)	(D)	(D)	(D)	400	180	46.7	8.4
Other counties	25,100	8,530	60.1	512.9	28,700	15,620	58.6	915.9
Michigan	55,000	20,000	63.0	1,260.0	50,000	30,000	61.0	1,830.0

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

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

Soybeans: Acreage, yield, and production, by county, 2021-2022 ¹

County	2021				2022			
	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	1,200	1,200	40.9	49	1,400	1,400	34.8	49
Alcona	2,000	1,990	47.5	95	2,500	2,490	43.0	107
Alpena	11,400	11,400	42.5	485	12,400	12,400	38.5	477
Iosco	4,000	3,990	57.1	228	(D)	(D)	(D)	(D)
Montmorency	3,500	3,500	48.3	169	3,500	3,490	39.8	139
Ogemaw	5,800	5,800	45.7	265	7,200	7,110	36.3	258
Otsego	1,000	1,000	45.8	46	(D)	(D)	(D)	(D)
Presque Isle	9,200	9,050	36.9	334	10,100	9,900	31.9	316
Mason	6,600	6,600	47.9	316	8,500	8,400	52.9	444
Muskegon	7,100	7,080	44.1	312	6,400	6,380	51.3	327
Newaygo	5,300	5,270	46.9	247	6,300	6,240	52.2	326
Oceana	4,700	4,650	48.6	226	3,700	3,690	41.7	154
Gladwin	(D)	(D)	(D)	(D)	12,600	12,500	44.2	553
Gratiot	85,500	85,200	50.5	4,303	91,500	91,300	52.9	4,830
Isabella	58,300	58,000	50.4	2,923	62,500	62,200	44.4	2,762
Mecosta	(D)	(D)	(D)	(D)	6,800	6,680	42.1	281
Midland	26,000	25,900	49.2	1,274	30,000	29,700	50.4	1,497
Montcalm	28,200	28,100	50.7	1,425	29,000	28,900	48.1	1,390
Arenac	19,400	19,100	48.1	919	22,000	21,900	39.5	865
Bay	53,500	53,300	51.5	2,745	59,100	58,900	47.4	2,792
Huron	56,900	56,400	57.2	3,226	56,400	56,100	44.6	2,502
Saginaw	115,500	115,100	50.0	5,755	123,000	122,600	49.5	6,069
Sanilac	127,500	127,200	55.3	7,033	130,000	129,500	52.3	6,770
Tuscola	68,600	68,400	57.0	3,899	73,500	73,200	46.0	3,367
Allegan	(D)	(D)	(D)	(D)	37,500	37,400	49.4	1,848
Berrien	45,000	44,800	50.7	2,271	43,900	43,700	43.3	1,892
Cass	48,400	48,200	55.1	2,656	51,700	51,500	49.7	2,560
Kalamazoo	30,700	30,600	53.1	1,625	29,000	28,900	50.5	1,459
Kent	23,300	23,200	59.3	1,376	21,600	21,500	51.8	1,114
Ottawa	21,500	21,400	47.2	1,010	20,000	19,700	47.4	934
Van Buren	26,300	26,200	51.5	1,349	(D)	(D)	(D)	(D)
Barry	31,600	31,500	50.9	1,603	32,400	32,300	52.7	1,702
Branch	(D)	(D)	(D)	(D)	76,900	76,700	52.3	4,011
Calhoun	75,300	75,000	46.0	3,450	77,100	76,800	48.9	3,756
Clinton	67,900	67,700	55.6	3,764	72,000	71,700	46.1	3,305
Eaton	76,600	76,000	54.6	4,150	84,200	83,700	53.3	4,461
Hillsdale	79,400	79,100	49.9	3,947	85,800	85,600	52.0	4,451
Ingham	56,800	56,600	52.7	2,983	54,600	54,400	45.5	2,475
Ionia	61,700	61,500	56.5	3,475	65,500	65,200	55.2	3,599
Jackson	44,200	44,000	49.1	2,160	46,600	46,500	45.1	2,097
St Joseph	(D)	(D)	(D)	(D)	55,800	55,600	52.3	2,908
Shiawassee	89,600	89,300	50.9	4,545	100,000	99,600	42.5	4,233

See footnote(s) at end of table.

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Soybeans: Acreage, yield, and production, by county, 2021-2022 ¹ (continued)

County and district	2021				2022			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>
Genesee	41,500	41,300	43.4	1,792	47,800	47,600	32.4	1,542
Lapeer	46,000	45,800	46.9	2,148	43,800	43,600	39.4	1,718
Lenawee	126,000	125,500	50.8	6,375	143,000	142,900	51.9	7,413
Livingston	20,000	19,900	50.3	1,001	19,600	19,500	37.2	725
Macomb	25,400	25,200	45.0	1,134	23,800	23,700	38.7	917
Monroe	82,500	82,200	51.8	4,258	89,000	88,800	39.3	3,490
Oakland	3,100	3,090	45.0	139	3,300	3,250	34.2	111
St Clair	65,000	64,900	43.8	2,843	67,200	66,500	35.0	2,328
Washtenaw	46,700	46,500	52.8	2,455	50,300	50,100	42.4	2,124
Wayne	3,500	3,470	42.7	148	3,000	2,950	25.2	74
Other counties	210,800	208,810	48.9	10,210	41,200	40,660	39.3	1,600
Michigan	2,150,000	2,140,000	51.0	109,140	2,250,000	2,240,000	47.0	105,280

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

² District estimates were discontinued in 2020.

Wheat: Acreage, yield, and production, by county, 2021-2022 ¹

County	2021				2022			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>	<i>1,000 Bu</i>
Grand Traverse	(D)	(D)	(D)	(D)	1,200	1,070	58.2	62
Kalkaska	1,100	990	61.9	61	(D)	(D)	(D)	(D)
Missaukee	1,100	1,000	64.6	65	(D)	(D)	(D)	(D)
Ogemaw	3,800	3,450	67.5	233	2,600	2,320	69.0	160
Otsego	(D)	(D)	(D)	(D)	1,000	890	62.0	55
Presque Isle	(D)	(D)	(D)	(D)	3,400	3,120	59.6	186
Mason	5,800	5,360	72.6	389	4,400	4,020	63.2	254
Muskegon	3,400	2,950	65.8	194	3,000	2,660	71.1	189
Newaygo	4,200	3,890	74.8	291	3,200	2,940	73.5	216
Oceana	3,200	2,910	67.4	196	2,800	2,560	60.5	155
Gladwin	2,500	2,270	74.9	170	2,400	2,190	85.4	187
Gratiot	22,100	20,700	83.7	1,733	18,000	15,600	85.6	1,335
Isabella	14,700	13,500	79.2	1,069	(D)	(D)	(D)	(D)
Mecosta	(D)	(D)	(D)	(D)	2,700	2,410	81.3	196
Midland	4,500	3,710	86.5	321	(D)	(D)	(D)	(D)
Montcalm	17,400	15,700	67.4	1,058	14,300	13,000	74.2	965
Osceola	2,000	1,850	72.4	134	1,400	1,250	58.9	74

See footnote(s) at end of table.

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Wheat: Acreage, yield, and production, by county, 2021-2022 ¹ (continued)

County	2021				2022			
	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	7,900	7,290	79.6	580	6,700	5,530	67.8	375
Bay	18,000	16,900	83.9	1,418	12,700	11,300	81.2	918
Huron	76,400	71,800	91.7	6,585	73,000	67,100	97.9	6,569
Saginaw	25,000	23,500	84.6	1,988	15,100	13,800	82.6	1,140
Sanilac	54,500	51,000	89.9	4,585	47,500	44,500	91.4	4,067
Tuscola	36,700	34,200	88.2	3,016	30,600	28,500	82.2	2,343
Allegan	6,200	5,650	68.0	384	6,400	5,450	84.0	458
Cass	2,700	2,290	54.1	124	1,500	970	60.9	59
Kalamazoo	3,500	3,170	69.7	221	2,900	2,520	81.0	204
Kent	6,400	5,920	69.1	409	4,100	3,760	70.2	264
Ottawa	4,400	4,040	75.0	303	(D)	(D)	(D)	(D)
Barry	9,000	8,310	70.8	588	7,100	6,490	80.9	525
Branch	4,300	3,900	72.1	281	2,800	2,500	73.6	184
Calhoun	5,300	4,910	60.9	299	4,400	3,990	72.7	290
Clinton	25,200	23,300	87.0	2,027	15,800	14,400	78.9	1,136
Eaton	18,800	17,500	71.4	1,250	15,900	14,700	90.1	1,325
Hillsdale	12,400	11,600	75.6	877	6,200	5,620	82.4	463
Ingham	15,300	14,100	74.8	1,055	13,500	12,000	78.1	937
Ionia	18,100	16,900	85.4	1,443	12,500	11,300	77.7	878
Jackson	7,800	7,160	63.5	455	7,500	6,690	78.0	522
St Joseph	5,300	3,800	62.1	236	4,400	3,580	78.5	281
Shiawassee	24,900	23,400	74.3	1,739	11,900	10,900	73.7	803
Genesee	5,700	5,260	68.8	362	2,400	2,130	76.1	162
Lapeer	6,700	6,080	81.3	494	4,800	4,400	76.4	336
Lenawee	34,400	32,000	91.7	2,934	20,000	17,800	84.6	1,506
Livingston	6,200	5,740	70.7	406	4,900	4,480	72.8	326
Macomb	3,100	2,810	82.2	231	1,200	1,000	79.4	79
Monroe	21,400	19,700	88.9	1,751	11,100	10,200	81.4	830
Oakland	1,800	1,630	65.6	107	700	640	69.5	45
St Clair	12,400	11,500	82.5	949	5,700	5,090	90.8	462
Washtenaw	12,800	11,800	77.0	909	9,500	8,700	85.7	746
Other counties	31,600	24,560	58.6	1,440	36,800	30,930	70.4	2,178
Michigan	610,000	560,000	81.0	45,360	460,000	415,000	83.0	34,445

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

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

Cattle: January 1, by county, 2022-2023

County	All cattle and calves		Milk cows		County	All cattle and calves		Milk cows	
	2022	2023	2022	2023		2022	2023	2022	2023
	<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	4,100	4,100	1,300	1,300	Manistee	1,700	1,700	100	100
Alger	2,000	2,000	500	500	Marquette	1,400	1,400	400	400
Allegan	49,000	48,000	23,500	24,000	Mason	9,500	9,400	3,200	3,400
Alpena	8,700	8,600	3,800	3,900	Mecosta	15,200	15,000	5,000	4,700
Antrim	4,300	4,300	(D)	(D)	Menominee	17,000	16,500	7,400	7,200
Arenac	8,100	8,000	3,500	3,500	Midland	7,200	7,100	(D)	(D)
Baraga	1,400	1,400			Missaukee	30,500	30,500	18,300	18,800
Barry	31,000	30,000	16,000	16,000	Monroe	3,600	3,600	600	500
Bay	5,300	5,200	2,000	2,100	Montcalm	25,000	24,500	10,700	10,400
Benzie	1,000	1,000			Montmorency	2,200	2,200	800	800
					Muskegon	12,800	13,000	6,400	6,200
Berrien	4,200	4,100	1,200	1,200					
Branch	11,500	11,300	3,900	3,800	Newaygo	27,000	26,500	13,700	13,300
Calhoun	13,200	12,900	4,900	4,900	Oakland	800	800	(D)	(D)
Cass	4,400	4,300	600	600	Oceana	8,100	8,000	3,100	2,900
Charlevoix	3,100	3,100	700	700	Ogemaw	15,500	15,500	7,600	7,600
Cheboygan	5,300	5,300	800	800	Ontonagon	1,700	1,700	(D)	(D)
Chippewa	6,200	6,200	800	800	Osceola	18,800	18,600	6,900	6,700
Clare	8,900	8,800	3,000	3,000	Oscoda	3,500	3,500	1,100	1,000
Clinton	61,000	60,000	32,000	31,500	Otsego	1,100	1,100		
Crawford	(D)	(D)			Ottawa	40,000	39,000	15,100	15,000
Delta	6,700	6,600	1,600	1,500	Presque Isle	4,900	4,900	1,200	1,100
Dickinson	2,500	2,500	500	500	Roscommon	200	(D)		
Eaton	12,000	12,000	2,100	2,000	Saginaw	7,800	7,700	2,800	2,800
Emmet	3,600	3,600	300	300	Sanilac	67,000	66,000	27,500	27,000
Genesee	5,500	5,500	1,400	1,300	Schoolcraft	800	800		
Gladwin	6,000	5,900	1,100	1,100	Shiawassee	17,500	17,300	6,600	6,600
Gogebic	200	(D)			Tuscola	21,500	21,000	7,300	7,600
Grand Traverse	3,000	3,000	200	200	Van Buren	12,500	12,400	6,000	6,000
Gratiot	50,000	49,000	22,500	23,000					
Hillsdale	26,000	25,500	11,600	11,200	Washtenaw	9,800	9,700	2,400	2,400
					Wayne	200	(D)		
Houghton	1,600	1,600	600	600	Wexford	3,500	3,400	1,200	1,200
Huron	145,000	140,000	48,500	48,500					
Ingham	15,500	15,200	6,400	6,800	Other counties	100	700	5,300	5,300
Ionia	47,000	46,000	19,000	18,400					
Iosco	6,700	6,700	2,200	2,100	Michigan	1,120,000	1,100,000	434,000	432,000
Iron	1,100	1,100							
Isabella	24,000	23,500	8,400	8,700					
Jackson	15,100	15,100	3,500	3,600					
Kalamazoo	12,000	11,800	6,300	6,600					
Kalkaska	800	800	100	100					
Kent	27,000	26,000	9,100	9,000					
Lake	1,800	1,800	400	400					
Lapeer	15,000	15,000	3,300	3,100					
Leelanau	1,900	1,900	200	200					
Lenawee	32,500	32,000	14,500	14,500					
Livingston	7,300	7,300	2,000	2,000					
Luce	900	900							
Mackinac	3,000	2,900	1,000	1,000					
Macomb	4,800	4,800	700	700					

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

Useful Agriculture Internet Sites

State and Federal Agencies

AMS-Agricultural Marketing Service	www.ams.usda.gov/AMSV1.0
APHIS-Animal and Plant Health Inspection Service	www.aphis.usda.gov
ERS-Economic Research Service	www.ers.usda.gov
FSA-Farm Service Agency	www.fsa.usda.gov
MDARD-Michigan Department of Agriculture & Rural Development	www.michigan.gov/mdard
MSU Extension	msue.anr.msu.edu
MSU College of Agriculture & Natural Resources	www.canr.msu.edu
NASS-National Agricultural Statistics Service	www.nass.usda.gov
NRCS-Natural Resources Conservation Service	www.nrcs.usda.gov
RD-Rural Development	www.rd.usda.gov
USDA-United States Department of Agriculture	www.usda.gov

Commodity Groups

Apples-Michigan Apple Committee	www.michiganapples.com
Asparagus-Michigan Asparagus	www.asparagus.org
Blueberries-MBG Marketing	www.blueberries.com
Cattle-Michigan Beef Industry Commission	www.mibeef.org
Celery-Michigan Celery	www.michigancelery.com
Cherries-Cherry Industry Administrative Board (CIAB)	www.cherryboard.org
Cherries-Cherry Marketing Institute	www.choosecherries.com
Corn-Michigan Corn	www.micom.org
Dairy-Michigan Milk Producers Association (MMPA)	www.mimilk.com
Dairy-United Dairy Industry of MI	www.milkmeansmore.org
Dry Beans-Michigan Bean Commission	https://michiganbean.com
Dry Beans-Michigan Agri-Business Association (MABA)	www.miagbiz.org
Equine-Michigan Equine Partnership	www.miequine.com
Floriculture-Great Lakes Floral Association	www.greatlakesfloralassociation.org
Horses-Michigan Horse Council	www.michiganhorsecouncil.com
Nursery-Michigan Nursery & Landscape Association (MNLA)	www.mnla.org
Pork-National Pork Producers Council (NPPC)	www.nppc.org
Potatoes-Michigan Potato Industry Commission	www.mipotato.com
Soybeans-Michigan Soybean Committee	www.michigansoybean.org
Turfgrass-Michigan Turfgrass Foundation (MTF)	www.michiganturfgrass.org
Turkeys-Michigan Turkey Producers Co-op	www.miturkey.com

Other Related Sites

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

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