



# Agriculture Across Michigan

## 2017 Crop Values Summary

The preliminary farm value of Michigan field crops produced in 2017 was \$2.79 billion, down 9 percent from 2016. Lower prices across most commodities resulted in lower total value of production in 2016. Some Michigan highlights from the Crop Values Annual Summary report follow:

- ❖ Corn for grain value decreased 9 percent to \$1.01 billion in 2017. The average price was \$3.35 per bushel.
- ❖ Soybean value of \$897 million was down 9 percent from 2016. The average price was \$9.30 per bushel.

- ❖ Wheat value decreased 28 percent to \$151 million. The average price was \$4.50 per bushel.
  - ❖ Dry bean value, \$129 million, was up 11 percent from last year. The average price was \$29.40 per cwt.
- Nationally:
- ❖ U.S. corn for grain value decreased 6 percent to \$48.5 billion in 2017.
  - ❖ Soybean value in the U.S. was up 1 percent to \$41.0 billion.
  - ❖ U.S. all wheat value decreased 11 percent to 8.1 billion.

### Value of Crop Production, 2016-2017

Crop	Michigan				United States			
	Price per unit		Value of production		Price per unit		Value of production	
	2016	2017	2016	2017	2016	2017	2016	2017
	Dollars	Dollars	Million dollars	Million dollars	Dollars	Dollars	Million dollars	Million dollars
Total field and misc. crops	NA	NA	3,064.8	2,785.1	NA	NA	142,605.2	141,445.4
Corn for Grain..... Bushel	3.44	3.35	1,101.8	1,006.7	3.36	3.30	51,304.3	48,465.5
All Hay..... Ton	133.00	135.00	323.1	303.7	129.00	140.00	15,552.2	16,155.1
Soybeans..... Bushel	9.51	9.30	989.3	897.2	9.47	9.30	40,690.8	41,007.5
All dry beans..... CWT	29.20	29.40	116.9	129.2	29.20	27.80	863.4	1,013.0
All wheat..... Bushel	4.15	4.50	210.5	151.1	3.89	4.60	9,179.4	8,142.1
All potatoes..... CWT	10.20	9.72	173.6	175.0	9.08	10.30	4,009.2	4,560.8
Sugarbeets..... Ton	29.50	( <sup>1</sup> )	135.4	( <sup>1</sup> )	35.50	( <sup>1</sup> )	1,311.9	( <sup>1</sup> )
Oats..... Bushel	2.28	2.85	4.0	6.2	2.06	2.60	154.2	139.7
Maple syrup..... Gallon	44.80	( <sup>2</sup> )	4.0	( <sup>2</sup> )	35.00	( <sup>2</sup> )	147.2	( <sup>2</sup> )
Spearmint..... Pound	(D)	(D)	(D)	(D)	17.30	16.20	55.4	45.3
Vegetables	NA	NA	173.8	NA	NA	NA	11,084.5	NA

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

<sup>1</sup> The 2017 U.S. price and value will be published in "Agricultural Prices" released July 2018. The 2017 State price and value will be published in "Crop Values 2018 Summary" released February 2019.

<sup>2</sup> The 2017 price and value will be published in "Crop Production" released June 2018.

## January Milk Production

Dairy herds in Michigan produced 942 million pounds of milk during January, up 1.2 percent from a year ago. The daily rate per cow was 71.0 pounds, up 0.4 pounds from January 2017. The dairy herd was estimated at 428,000 head for January, up 3,000 head from a year earlier. The average price of milk sold in January by Michigan dairy producers was \$14.90 per cwt., \$3.20 less than the price in January 2017.

## Michigan Dairy Summary, January 2018

Item	2016	2017	2018	
Cows	1,000 Hd	413	425	428
Milk per cow	Lb/day	70.0	70.6	71.0
Production	Mil lbs	896	931	942
Milk price, all	Dol/cwt	15.30	18.10	14.90
Fat test	Pct	3.77	3.77	3.80
Protein <sup>1</sup>	Pct	3.18	3.19	3.22

<sup>1</sup> FMO 33

## January Agricultural Prices

Prices received by Michigan farmers for the full month of January 2018 are listed in the table below. Some Michigan highlights were: January corn, at \$3.34 per bushel, increased \$0.07 from December but decreased \$0.11 from last year; January soybeans, at \$9.31 per bushel, decreased \$0.03 from last month and decreased \$0.45 from last year; January wheat, at \$4.43 per bushel, increased \$0.61 from December and increased \$0.34 from last year; January milk, at \$14.90 per cwt., decreased \$1.10 from last month, and decreased \$3.20 from last year.

The January Prices Received Index (Agricultural Production), at 85.9, decreased 6.2 percent from December 2017. At 78.2, the Crop Production Index decreased 6.5 percent. The Livestock Production Index, at 94.5, decreased

5.1 percent. Producers received lower prices for market eggs, milk, tomatoes, and lettuce but higher prices for broilers, oranges, hogs, and cattle. Compared with a year earlier, the Prices Received Index is up 0.2 percent. The Crop Production Index increased 1.7 percent but the Livestock Production Index decreased 2.0 percent. In addition to prices, the indexes are influenced by the volume change of commodities producers market. Increased monthly movement of milk, soybeans, and corn offset the decreased marketing of cattle, market eggs, broilers, and hogs. The Food Commodities Index, at 92.5, decreased 6.4 percent from the previous month and 0.4 percent from January 2017.

### Prices Received by Farmers<sup>1</sup>, January 2018

Commodity	Michigan			United States		
	Jan 2017	Dec 2017	Jan 2018	Jan 2017	Dec 2017	Jan 2018
Beans, dry edible .....dollars/cwt	32.40	29.40	32.40	30.70	27.20	28.20
Corn .....dollars/bu	3.45	3.27	3.34	3.40	3.23	3.29
Hay, alfalfa .....dollars/ton	155.00	180.00	180.00	126.00	148.00	152.00
Hay, other .....dollars/ton	120.00	145.00	150.00	118.00	118.00	124.00
Oats .....dollars/bu	2.68	3.11	3.14	2.31	2.94	3.29
Soybeans .....dollars/bu	9.76	9.34	9.31	9.71	9.30	9.30
Wheat, winter .....dollars/bu	4.09	3.82	4.43	3.53	3.91	4.19
Milk, all .....dollars/cwt	18.10	16.00	14.90	18.90	17.20	16.10
Milk cow replacements <sup>2</sup> .....dollars/head	1,600.00		1,500.00	1,620.00		1,520.00

<sup>1</sup> Entire month weighted average price.

<sup>2</sup> Quarterly weighted average price for the months November to January.

## February Potato Stocks

Potato Stocks in Michigan on February 1, 2018, were 6.3 million hundredweight (cwt), up 5 percent from last year's 6.0 million cwt. December's stocks represent 35 percent of the total production. Stocks include potatoes stored by both processors and growers.

The 13 major potato States held 203 million cwt of potatoes in storage February 1, 2018, down slightly from February 1, 2017. Potatoes in storage accounted for 51

percent of the fall storage States' 2017 production, 1 percentage point more than last year. Potato disappearance, at 197 million cwt, was down 3 percent from February 1, 2017. Season-to-date shrink and loss, at 15.4 million cwt, was 5 percent lower than the same time last year. Processors in the 8 major States used 106 million cwt of potatoes for the season, down 1 percent from February 2017.

## 2017 County Estimates Highlights

The National Agricultural Statistics Service released county acreage and production estimates for major row crops on February 22, 2018. These figures, combined with the small grain estimates released on December 14, 2017, constitute a map that depicts the variation among counties for the major cash grains. These numbers are the direct result of an extensive data collection that included the September and December Agricultural Surveys and their corresponding County Agricultural Production Surveys. These surveys are the product of sampling methodology that identifies sample sizes that can produce figures with a high level of accuracy while minimizing survey burden. Not every farmer will be contacted any given year. Though the sampling process produces a rotation of names, so all growers are likely to be contacted at some point.

There are instances where some counties may not be published individually but are accounted for in a group of combined counties for a given district. This is the result of insufficient data collected for that county. While samples drawn are sufficient to produce a publishable number, the surveys that collect data are voluntary. Low participation in the surveys prevent NASS from producing a statistically reliable estimate for that county.

Like most states in the region, variability was the theme for the year. Adverse conditions early in the season presented challenges for planting, fertilizing and weed control. Corn yields in central and south central Michigan were disappointing on average, though the southwestern district performed fairly well. The top three corn producing

counties were Lenawee, with 15.9 million bushels; Sanilac, with 14.1 million bushels; and Huron, with 14.1 bushels. The three highest county average yields were found in Huron, with 197.9 bushels per acre; Lapeer, with 186.4 bushels per acre; and Sanilac, with 185.5 bushels per acre. The top three soybean producing counties were Lenawee, with 5.93 million bushels; Sanilac, with 5.91 million bushels; and Saginaw, with 4.9 million bushels. The three highest county average yields were found in Huron, with 52.3 bushels per acre; Ottawa, with 48.3 bushels per acre; and Kalamazoo, with 47.8 bushels per acre. The top three winter wheat producing counties were Huron, with 6.4 million bushels; Sanilac, with 3.7 bushels; and Tuscola, with 2.7 bushels. The three highest county average yields were found in Huron, with 99.9 bushels per acre; Sanilac, with 91.7 bushels per acre; and Tuscola, with 88.2 bushels per acre. While Huron County's leading yield was short of the 109.7 bushel record set last year, the county did place nationally in the top ten and was the only county outside Idaho or Colorado to make the list. County estimates for 2017 and all previous years are available via the Quick Stats searchable database at [nass.usda.gov](http://nass.usda.gov). Maps and tables for recent years are available at Michigan's NASS webpage at [https://www.nass.usda.gov/Statistics\\_by\\_State/Michigan/Publications/County\\_Estimates/index.php](https://www.nass.usda.gov/Statistics_by_State/Michigan/Publications/County_Estimates/index.php).

The National Agricultural Statistics Service would like to thank all those who supported this project through their participation. Our survey respondents play a vital role in an important service to U.S. Agriculture.

## Chickens and Eggs

All layers in Michigan totaled 14.8 million during January, up 5 percent from a year ago. Egg production totaled 364 million eggs, up 5 percent from last year. The rate of lay during January was 2,457 eggs per 100 layers.

All layers in the U.S. totaled 381.9 million during January up 1 percent from a year ago. There were 24.2 million turkey poults hatched in the U.S. in January, down 4 percent the previous year.

### Egg and Hatchery Production, January 2018

Item		2017	2018	Percent Change
<b>Michigan</b>				
All layers	Thousand	14,079	14,796	5
Eggs per hundred layers	Number	2,467	2,457	0
Eggs produced	Million	347	364	5
<b>U.S.</b>				
All Layers	Thousand	377,198	381,925	1
Eggs per hundred layers	Number	2,400	2,351	-2
Eggs produced	Million	9,053	8,979	-1
Turkey Eggs in incubators, Feb 1	Thousand	29,906	28,288	-5
Turkey Poults hatched, Jan	Thousand	25,332	24,227	-4

## Michigan Trout Production

The value of all trout sold and distributed in Michigan was \$6,159,000 in 2017. This is down 5 percent from last year.

Information by sales category was not published to avoid disclosing data for individual operations.

Losses of trout intended for sale in Michigan amounted to 79,000 fish, weighing 39,000 pounds.

The total value of fish sales received by trout growers in the United States totaled \$109 million dollars for 2017, an increase of 4 percent from 2016. Idaho accounted for 46 percent of the total value of fish sold.

## Michigan Farm Numbers

The number of farms in Michigan in 2017 was 50,900. Land in farms was 9.95 million acres, unchanged from last year. The average size farm in Michigan was 195 acres per farm, up 1 acre from 2016.

The number of farms in the United States in 2017 was 2.048 million, down 12,000 farms from 2016. Total land in farms, at 910 million acres, decreased 1 million acres from 2016. The average farm size in 2017 was 444 acres, up 2 acres from the previous year.

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USDA NASS Great Lakes Region  
P.O. Box 30239  
Lansing, MI 48909-9983  
(517) 324-5300 FAX (855) 270-2709  
Email: [nassrfglr@usda.gov](mailto:nassrfglr@usda.gov)

## Thank You to our Data Providers

The USDA, NASS, Great Lakes Region and enumerator staff are pleased to provide you and the Michigan agricultural industry with current, reliable information as summarized in the following articles. This service is possible because you and other respondents provided us with timely survey responses. Thank you!