



Agriculture Across Ohio

2017 Crop Values Summary

The preliminary farm value of Ohio field crops produced in 2017 was \$4.87 billion, down 2 percent from 2016. There was an increase in corn production but a decrease in soybean price and production and a decrease in wheat production. Some Ohio highlights from the report follow:

- ⇒ Corn for grain value was up 4 percent to \$1.97 billion in 2017. The average price was 3.55 per bushel.
- ⇒ Soybean value of \$2.39 billion decreased 6 percent from 2016. The average price was \$9.50 per bushel.
- ⇒ All wheat value was down 17 percent to \$158 million. The average price was \$4.90 per bushel.

⇒ Oat value decreased 13 percent to \$4.9 million. The average price was \$3.50 per bushel.

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 billion.
- ⇒ U.S. all wheat value was down 11 percent to \$8.10 billion.

Value of Crop Production, 2016-2017

Crop	Ohio				United States			
	Price per unit		Value of production		Price per unit		Value of production	
	2016	2017	2016	2017	2016	2017	2016	2017
	<i>Dollars</i>	<i>Dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Total field and misc. crops	NA	NA	4,981.9	4,873.9	NA	NA	142,605.2	141,445.4
Corn for Grain.....Bushel	3.61	3.55	1,894.2	1,966.7	3.36	3.30	51,304.3	48,465.5
All Hay.....Ton	137.00	134.00	340.8	347.8	129.00	140.00	15,552.2	16,155.1
Soybeans.....Bushel	9.66	9.50	2,548.1	2,393.6	9.47	9.30	40,690.8	41,007.5
All wheat.....Bushel	4.25	4.90	190.4	157.7	3.89	4.60	9,179.4	8,142.1
Oats.....Bushel	3.04	3.50	5.6	4.9	2.06	2.60	154.2	139.7
Maple syrup.....Gallon	39.80	(¹)	2.8	(¹)	35.00	(¹)	147.2	(¹)

¹ The 2017 price and value will be published in "Crop Production" released June 2018.

January Milk Production

Dairy herds in Ohio produced 475 million pounds of milk during January, up 1.3 percent from a year ago. The daily rate per cow was 58.1 pounds, up 0.4 pounds from January 2017. The dairy herd was estimated at 264,000 head for January, up 2,000 head from a year earlier. The average price of milk sold in January by Ohio dairy producers was \$16.80 per cwt., \$3.10 less than the price in January 2017.

Ohio Dairy Summary, January 2018

Item	2016	2017	2018	
Cows	1,000 Hd	266	262	264
Milk per cow	Lb/day	56.9	57.7	58.1
Production	Mil lbs	469	469	475
Milk price, all	Dol/cwt	16.90	19.90	16.80
Fat test	Pct	3.93	3.88	3.94
Protein ¹	Pct	3.18	3.19	3.22

¹ FMO 33

January Agricultural Prices

Prices received by Ohio farmers for the full month of January 2018 are listed in the table below. Some Ohio highlights were: January corn, at \$3.54 per bushel, increased \$0.04 from December but increased \$0.11 from last year; January soybeans, at \$9.63 per bushel, decreased \$0.02 from last month and decreased \$0.32 from last year; January wheat, at \$4.52 per bushel, increased \$0.25 from December and increased \$0.48 from last year; January milk at \$16.80 per cwt., decreased \$1.40 from last month, and decreased \$3.10 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 Farmers¹, January 2018

Commodity	Ohio			United States		
	Jan 2017	Dec 2017	Jan 2018	Jan 2017	Dec 2017	Jan 2018
Corn dollars/bu	3.65	3.50	3.54	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	100.00	110.00	110.00	118.00	118.00	124.00
Soybeans dollars/bu	9.95	9.65	9.63	9.71	9.30	9.30
Wheat, winter dollars/bu	4.04	4.27	4.52	3.53	3.91	4.19
Milk, all dollars/cwt	19.90	18.20	16.80	18.90	17.20	16.10
Milk cow replacements ² dollars/head	1,500.00		1,450.00	1,620.00		1,520.00

¹ Entire month weighted average price.

² Quarterly weighted average price for the months November to January.

Chickens and Eggs

All layers in Ohio totaled 31.6 million during January, up 2 percent from a year ago. Egg production totaled 758 million eggs, down slightly from last year. The rate of lay during January was 2,401 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
Ohio				
All layers	Thousand	31,034	31,553	2
Eggs per hundred layers	Number	2,451	2,401	-2
Eggs produced	Million	761	758	0
U.S.				
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

2017 County Estimates Highlights

The National Agricultural Statistics Service released county acreage and production estimates for major row crops on February 22nd. These figures, combined with the small grain estimates released on December 14th, 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. It was still a good year overall. Central and southeastern Ohio performed especially well vs. the historic yield trend. The top three corn producing counties were Darke, with 19.9 million bushels; Madison, with 17.3 million bushels; and Mercer, with 16.9 million bushels. The three highest county average yields were found in Clinton, with 203.3 bushels per acre; Clarke, with 198.6 bushels per acre; and Greene, with 195.5 bushels per acre. All three counties set new record yields. Soybeans in northern Ohio performed relatively poorly vs. the historic trend. This was due to extreme July flooding coupled with the onset of dry conditions later in the season. The top three soybean producing counties were Darke, with 7.7 million bushels; Wood, with 7.5 million bushels; and Madison, with 7.3 million bushels. The three highest county average yields were found in Greene, with 57.1 bushels per acre; Preble, with 56.7 bushels per acre; and Clarke, with 56.5 bushels per acre. Southeast Ohio also performed relatively well with

wheat. The top three winter wheat producing counties were Putnam, with 1.9 million bushels; Wood, with 1.8 million bushels; and Seneca, with 1.7 million bushels. The three highest county average yields were found in Clark, with 87.6 bushels per acre; Madison, with 86.9 bushels per acre; and Pickaway, with 85.8 bushels per acre. Clark and Madison Counties set new record yields. County estimates for 2017 and all previous years are available via the Quick Stats searchable database at nass.usda.gov. Maps and tables for recent years are available at Ohio's NASS webpage at https://www.nass.usda.gov/Statistics_by_State/Ohio/Publications/County_Estimates/index.php.

The national figures illustrate how different regions of the country excel in different areas of crop production. The top three corn producing counties were McLean County Illinois, with 68.3 million bushels; Iroquois County, Illinois, with 63.9 million bushels; and Kossuth County, Iowa, with 63.3 million bushels. If McLean County were a state, it would rank 24th among the 41 states in the corn estimation program. The three highest county average yields were found in Warren County, Illinois, with 246.7 bushels per acre; Mercer County, Illinois, with 238.7 bushels per acre; and Carroll County, Illinois, with 238 bushels per acre. The top three soybean producing counties were McLean County, Illinois, with 20.7 million bushels; Cass County, North Dakota, with 18.6 million bushels; and Mississippi County, Washington, with 17.0 million bushels. The three highest county average yields were found in Seward County, Kansas, with 72.1 bushels per acre; Meade County, Kansas, with 70.4 bushels per acre; and Sangamon County, Illinois, with 70.3 bushels per acre. The top three winter wheat producing counties were Whitman County, Washington, with 28.8 million bushels; Umatilla County, Oregon, with 19.1 million bushels; and Lincoln County, Washington, with 18.0 million bushels. The three highest county average yields were found in Ada County, Idaho, with 131.8 bushels per acre; Twin Falls County, Idaho, with 131.6 bushels per acre; and Fremont County, Idaho, with 131.0 bushels per acre.

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.

Ohio Farm Numbers

The number of farms in Ohio in 2017 was 73,600. Land in farms was 14.0 million acres, unchanged from last year. The average size farm in Ohio was 190 acres per farm, up 2 acres 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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Thank You to our Data Providers

The USDA, NASS, Great Lakes Region, Ohio Field Office and enumerator staff are pleased to provide you and the Ohio 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!