



# Indiana Agriculture Report

## 2017 Crop Values Summary

The preliminary farm value of Indiana field crops produced in 2017 was \$6.64 billion, down 4 percent from 2016. The total value of Indiana state production declined due in large part to a combination of lower prices for corn and soybeans as well as lower total production of corn. Some Indiana highlights from the Crop Values Annual Report follow:

- Corn for grain value was down 6 percent to \$3.22 billion in 2017. The average price was \$3.45 per bushel.
- Soybean value decreased 2 percent to \$3.06 billion from 2016. The average price was \$9.55 per bushel.

➤ Wheat value was down 8 percent to \$84.4 million. The average price was \$4.75 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 \$41.0 billion.
- All U.S. wheat value was down 11 percent to \$8.1 billion.

### Value of Crop Production, 2016-2017

Crop	Indiana				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	6,945.6	6,640.0	NA	NA	142,605.2	141,445.4
Corn for Grain.....Bushel	3.63	3.45	3,435.1	3,223.0	3.36	3.30	51,304.3	48,465.5
All Hay ..... Ton	155.00	159.00	265.8	259.5	129.00	140.00	15,552.2	16,155.1
Soybeans.....Bushel	9.69	9.55	3,136.9	3,063.3	9.47	9.30	40,690.8	41,007.5
All wheat.....Bushel	4.04	4.75	91.6	84.4	3.89	4.60	9,179.4	8,142.1
Peppermint..... Lb	22.00	21.50	10.8	6.5	20.90	18.30	119.6	105.9
Spearmint..... Lb	18.00	17.00	4.8	2.8	17.30	16.20	55.4	45.3
Vegetables	NA	NA	71.2	NA	NA	NA	11,084.5	NA

## January Milk Production

Dairy herds in Indiana produced 364 million pounds of milk during January, up 1.4 percent from a year ago. The daily rate per cow was 62.7 pounds, up 0.4 pounds from January 2017. The dairy herd was estimated at 187,000 head for January, up 1,000 head from a year earlier. The average price of milk sold in January by Indiana dairy producers was \$16.10 per cwt., \$3.30 less than the price in January 2017.

### Indiana Dairy Summary, January 2018

Item	2016	2017	2018
Cows..... 1,000 Hd	184	186	187
Milk per cow ..... Lb/day	61.8	62.3	62.7
Production ..... Mil lbs	352	359	364
Milk price, all ..... Dol/cwt	16.30	19.40	16.10
Fat test ..... Pct	3.81	3.89	3.92
Protein <sup>1</sup> ..... Pct	3.18	3.19	3.22

<sup>1</sup> FMO 33

## January Agricultural Prices

Prices received by Indiana farmers for the full month of January 2018 are listed in the table below. Some Indiana highlights were: January corn, at \$3.54 per bushel, increased \$0.12 from December but decreased \$0.10 from last year; January soybeans, at \$9.61 per bushel, increased \$0.05 from last month and decreased \$0.35 from last year; January wheat, at \$4.62 per bushel, increased \$0.70 from last year; January milk, at \$16.10 per cwt., decreased \$1.20 from last month, and decreased \$3.30 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	Indiana			United States		
	Jan 2017	Dec 2017	Jan 2018	Jan 2017	Dec 2017	Jan 2018
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Corn .....dollars/bu	3.64	3.42	3.54	3.40	3.23	3.29
Hay, alfalfa.....dollars/ton	(NA)	195.00	205.00	126.00	148.00	152.00
Hay, other.....dollars/ton	(NA)	150.00	160.00	118.00	118.00	124.00
Soybeans .....dollars/bu	9.96	9.56	9.61	9.71	9.30	9.30
Wheat, winter .....dollars/bu	3.92	(D)	4.62	3.53	3.91	4.19
Milk, all.....dollars/cwt	19.40	17.30	16.10	18.90	17.20	16.10
Milk Cow Replacements <sup>2</sup> .....dollars/hd	1,500.00		1,450.00	1,620.00		1,520.00

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

(NA) Not available.

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

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

## Chickens and Eggs

All layers in Indiana totaled 32 million during January, down 1 percent from a year ago. Egg production totaled 779 million eggs, down 5 percent from last year. The rate of lay during January was 2,434 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>Indiana</b>			
All layers.....Thousand	32,466	32,025	-1
Eggs per hundred layers.....Number	2,532	2,434	-4
Eggs produced.....Million	822	779	-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

## 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. The southern part of the state seemed to fare the best for corn and soybeans in 2017. While conditions in the south tended to be a little dry over the season, the region did not suffer the effect of the precipitation extremes of the spring and early summer. All three southern districts outperformed their respective yield trends by significant margins. The northwestern district also beat its previous corn yield record by seven bushels. The top three corn producing counties were Jasper, with 26.1 million bushels; White, with 25.4 million bushels; and Benton, with 24.1 bushels. The three highest county average yields were found in Warren, with 206 bushels per acre; Newton, with 203.9 bushels per acre; and Montgomery and Fulton Counties, tied with 200 bushels per acre. The top three soybean producing counties were Montgomery, with 7.6 million bushels; Knox, with 6.7 million bushels; and White, with 6.6 million bushels. The three highest county average yields were found in Warren, with 64.9 bushels per acre; Dubois, with 63.6 bushels per acre; and Orange, with 63.2 bushels per acre.

Those were new record yields for all three counties. For Dubois, it was a 8.2 bushel leap, reflecting how 2017's growing conditions favored the southwestern portion of the state. The top three winter wheat producing counties were Posey, with 1.5 million bushels; Gibson, with 1.3 million bushels; and Allen, with 871 thousand bushels. The three highest county average yields were found in White, with 86.5 bushels per acre; Montgomery, with 84.1 bushels per acre; and Steuben, with 83.3 bushels per acre. 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 Indiana's NASS webpage at [https://www.nass.usda.gov/Statistics\\_by\\_State/Indiana/Publications/County\\_Estimates/index.php](https://www.nass.usda.gov/Statistics_by_State/Indiana/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 24<sup>th</sup> 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.

## Indiana Farm Numbers

The number of farms in Indiana in 2017 was 56,800. Land in farms was 14.7 million acres, unchanged from last year. The average size farm in Indiana was 259 acres per farm, up 3 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, Indiana Field Office and enumerator staff are pleased to provide you and the Indiana 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!