



Indiana Agriculture Report

Farm Production Expenditures Down More than 1 Percent

Farm production expenditures in the United States were \$354.0 billion for 2018, down from \$357.8 billion in 2017. The 2018 total farm production expenditures are down 1.1 percent compared with 2017 total farm production expenditures. All but seven expenditure items showed a decrease from the previous year.

The four largest expenditures at the United States level total \$178.1 billion and account for 50.3 percent of total expenditures in 2018. These include feed, 15.2 percent, farm services, 12.5 percent, livestock, poultry and related expenses, 13.1 percent, and labor, 9.6 percent.

In 2018, the United States total farm expenditure average per farm is \$175,169, down 0.4 percent from \$175,935 in 2017. On average, United States farm operations spent \$26,622 on feed, \$22,911 on livestock, poultry and related expenses, \$21,822 on farm services, and \$16,775 on labor. For 2017, United States farms spent an average of \$26,798 on feed, \$21,193 on farm services, \$20,455 on livestock, poultry, and related expenses, and \$17,702 on labor.

The United States economic sales class contributing most to the 2018 United States total expenditures is the \$1,000,000 - \$4,999,999 class, with expenses of \$113.3 billion, (32.0 percent of the United States total), down 2.2 percent from the 2017 level of \$115.9 billion. The next highest is the \$5,000,000 and over class with \$92.5 billion, up from \$91.2 billion in 2017.

The Midwest region, which includes Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, and Wisconsin contributed the most to United States total expenditures with expenses of \$104.7 billion (29.6 percent), down from \$107.8 billion in 2017. Other regions, ranked by total expenditures, are the Plains at \$91.7 billion (25.9 percent), West at \$76.2 billion (21.5 percent), Atlantic at \$45.0 billion (12.7 percent), and South at \$36.3 billion (10.3 percent). The Midwest decreased \$3.1 billion from 2017, which is the largest regional decrease.

Farm Real Estate Values and Cash Rents

The 2019 average Indiana farm real estate value, including land and buildings, averaged \$6,580 per acre. There was no change in farm real estate values in Indiana from 2018. Indiana is in the Corn Belt region, which also includes Illinois, Iowa, Missouri, and Ohio. The Corn Belt region value was \$6,100 per acre, down slightly from 2018. The value of farmland in States bordering Indiana were: Illinois, \$7,280 per acre; Kentucky, \$3,820 per acre; Michigan, \$4,960 per acre; and Ohio, \$6,290 per acre.

Indiana's cropland value was \$6,210 unchanged from the previous year. The Corn Belt region saw a 0.2 percent decrease

to \$6,360 per acre. The average value of cropland in the U.S. was \$4,100, which was an increase of \$50 from 2018.

Indiana's cropland cash rent was \$194.00 per acre in 2019, down \$4.00 from the previous year. Cropland cash rents in the Corn Belt region also decreased \$1.00 from last year to \$203.00 per acre. The cropland cash rents in the States bordering Indiana were: Illinois, \$224.00 per acre; Kentucky, \$151.00 per acre; Michigan, \$127.00 per acre; and Ohio, \$155.00 per acre.

Pasture cash rents in the Corn Belt region increased 1.3 percent to \$39.50 per acre. Pasture cash rent in the U.S. was \$13.00 per acre.

August 1 Crop Forecast

Indiana farmers anticipate lower corn and soybean yields this year. Indiana corn producers planted 250,000 fewer acres in 2019. Soybean acreage is also down; there were 550,000 fewer acres planted this year compared with last.

Much of the corn and soybeans were planted under less than ideal conditions which is negatively affecting yield potential. Conditions across the State have turned dry and growers are concerned about adequate grain fill. Highlights of the August 1 Crop Production report follow:

- Indiana's average corn yield is forecast at 166 bushels per acre, down 23 bushels from the previous year. Total production is forecast at 813 million bushels.
- Soybean yield is forecast at 50 bushels per acre, down 8.5 bushels from the 2018 State record average yield of 58.5 bushels. Total production is forecast at 269 million bushels, down 22 percent from last year.
- Winter wheat yield is estimated at 67 bushels per acre, unchanged from the previous forecast and 4 bushels below last year. Winter wheat production is forecast at 17.4 million bushels.

Area Planted and Harvested, Yield, and Production by Crop - Indiana and United States: 2017 - 2019

Commodity	Indiana			United States		
	2017	2018	2019	2017	2018	2019
Corn, all						
Planted1,000 acres	5,350	5,350	5,100	90,167	89,129	90,005
Corn, grain						
Harvested1,000 acres	5,200	5,200	4,900	82,733	81,740	82,017
Yield..... Bushels	180.0	189.0	166.0	176.6	176.4	169.5
Production 1,000 bu	936,000	982,800	813,400	14,609,407	14,420,101	13,900,651
Hay, alfalfa						
Harvested1,000 acres	250	240	270	17,007	16,608	16,828
Yield.....Tons	3.30	3.00	3.50	3.28	3.17	3.29
Production 1,000 tons	825	720	945	55,812	52,634	55,393
Hay, other						
Harvested1,000 acres	290	270	300	35,770	36,231	35,945
Yield.....Tons	2.30	2.45	2.30	2.02	1.96	2.11
Production 1,000 tons	667	662	690	72,395	70,966	75,672
Soybeans						
Planted1,000 acres	5,950	5,950	5,400	90,162	89,196	76,700
Harvested1,000 acres	5,940	5,920	5,370	89,542	88,110	75,866
Yield..... Bushels	54.0	58.5	50.0	49.3	51.6	48.5
Production1,000 bu	320,760	346,320	268,500	4,411,633	4,543,883	3,680,217
Winter Wheat						
Planted1,000 acres	290	310	320	32,726	32,535	31,778
Harvested1,000 acres	240	260	260	25,301	24,742	24,924
Yield.....bushels	74.0	71.0	67.0	50.2	47.9	53.2
Production 1,000 bu	17,760	18,460	17,420	1,270,282	1,183,939	1,326,223

Chickens and Eggs

All layers in Indiana totaled 33.9 million during June, up slightly from a year ago. Egg production totaled 798 million eggs, up slightly from last year. The rate of lay during June was 2,358 eggs per 100 layers. All layers in the U.S. totaled

392.5 million during June, up slightly from a year ago. There were 22.9 million turkey poults hatched in the U.S. in June, down 2 percent from the previous year.

Egg and Hatchery Production - Indiana and United States: June 2018 and 2019

Item	2018	2019	Percent Change
Indiana			
All layersthousand	33,793	33,866	0
Eggs per hundred layersnumber	2,360	2,358	0
Eggs produced million	797	798	0
U.S.			
All Layersthousand	391,581	392,464	0
Eggs per hundred layersnumber	2,290	2,334	2
Eggs produced million	8,966	9,162	2
Turkey Eggs in incubators, Jul 1thousand	28,565	28,994	2
Turkey Poults hatched, Jun.....thousand	23,337	22,912	-2

June Agricultural Prices

Prices received by Indiana farmers for the full month of June 2019 are listed in the table below. Some Indiana highlights were: June corn, at \$4.29 per bushel, increased \$0.48 from May and increased \$0.48 from last year; June soybeans, at \$8.71 per bushel, increased \$0.32 from last month but

decreased \$1.49 from last year; June wheat, at \$5.08 per bushel, increased \$0.07 from May and increased \$0.25 from last year; June milk, at \$17.60 per cwt., was unchanged from last month and increased \$2.10 from last year.

Prices Received by Farmers¹ - Indiana and United States: June 2019 with Comparisons

Commodity	Indiana			United States		
	Jun 2018	May 2019	Jun 2019	Jun 2018	May 2019	Jun 2019
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Corn..... dollars/bu	3.81	3.81	4.29	3.58	3.63	3.98
Soybeans..... dollars/bu	10.20	8.39	8.71	9.55	8.02	8.31
Wheat, winter dollars/bu	4.83	5.01	5.08	5.05	4.73	4.77
Milk, alldollars/cwt	15.50	17.60	17.60	16.30	18.00	18.10

¹ Entire month weighted average price.

June Milk Production

Dairy herds in Indiana produced 338 million pounds of milk during June, down 2.6 percent from a year ago. The daily rate per cow was 63.7 pounds, up 0.9 pounds from June 2018. The dairy herd was estimated at 177,000 head for June, down 7,000 head from a year earlier. The average price of milk sold in June by Indiana dairy producers was \$17.60 per cwt., \$2.10 more than the price in June 2018.

Milk Cows, Production, and Price - Indiana: June 2017-2019

Item	2017	2018	2019
Cows..... 1,000 hd	188	184	177
Milk per cow..... lb/day	63.8	62.8	63.7
Production..... mil lbs	360	347	338
Milk price, all dol/cwt	17.10	15.50	17.60
Fat test pct	3.60	3.62	3.72
Protein ¹ pct	3.04	3.01	3.05

¹ FMO 33

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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!