



Indiana Agriculture Report

Farm Production Expenditures Up More than 3 Percent

Farm production expenditures in the United States were \$359.8 billion for 2017, up from \$346.9 billion in 2016. The 2017 total farm production expenditures are up 3.7 percent compared with 2016 total farm production expenditures. All but four expenditure items increased from the previous year.

The four largest expenditures at the United States level total \$176.2 billion and account for 49.0 percent of total expenditures in 2017. These include feed, 15.3 percent, farm services, 12.2 percent, livestock, poultry, and related expenses, 11.7 percent, and labor, 9.8 percent.

In 2017, the United States total farm expenditure average per farm is \$176,352, up 4.3 percent from \$169,035 in 2016. On average, United States farm operations spent \$27,056 on feed, \$20,635 on livestock, poultry, and related expenses, \$21,468 on farm services, and \$17,204 on labor. For 2016, United States farms spent an average of \$27,092 on feed, \$20,319 on farm services, \$19,491 on livestock, poultry, and related expenses, and \$16,616 on labor.

The United States economic sales class contributing most to the 2017 United States total expenditures is the \$1,000,000 - \$4,999,999 class, with expenses of \$114.9 billion, (31.9 percent of the United States total), up 1.7 percent from the 2016 level of \$113.0 billion. The next highest is the \$5,000,000 and over class with \$84.2 billion, up from \$80.6 billion in 2016.

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 \$109.1 billion (30.3 percent), up from \$108.9 billion in 2016. Other regions, ranked by total expenditures, are the Plains at \$93.7 billion (26.0 percent), West at \$77.7 billion (21.6 percent), Atlantic at \$43.1 billion (12.0 percent), and South at \$36.2 billion (10.1 percent). The West increased \$6.34 billion from 2016, which is the largest regional increase.

Farm Real Estate Values and Cash Rents

The 2018 average Indiana farm real estate value, including land and buildings, averaged \$7,100 per acre.

Farm real estate values in Indiana were up 1.4 percent from 2017. Indiana is in the Corn Belt region, which also includes Illinois, Iowa, Missouri, and Ohio. The Corn Belt region value was \$6,430 per acre, up 2.7 percent from 2017. The value of farmland in States bordering Indiana were: Illinois, \$7,450 per acre; Kentucky, \$3,440 per acre; Michigan, \$4,780 per acre; and Ohio, \$5,740 per acre.

Indiana's cropland value remained unchanged from the previous year at \$6,700 per acre. The Corn Belt region saw a 0.6 percent increase to \$6,710 per acre. The average value of cropland in the U.S. increased from 2017 to \$4,130 per acre.

Indiana's pasture value was \$2,620 per acre, up 1.2 percent from 2017.

Indiana's cropland cash rent was \$198.00 per acre in 2018, up \$3.00 from the previous year. Cropland cash rents in the Corn Belt region also increased \$3.00 from last year to \$204.00 per acre. The cropland cash rents in the States bordering Indiana were: Illinois, \$223.00 per acre; Kentucky, \$149.00 per acre; Michigan, \$123.00 per acre; and Ohio, \$152.00 per acre.

Pasture cash rents in the Corn Belt region increased 4.0 percent to \$39.00 per acre. Pasture cash rent in the U.S. was \$12.50 per acre.

August 1 Crop Forecast

Despite a wet and cold spring that delayed planting, Indiana farmers anticipate harvesting excellent crops of corn and soybeans. If realized, the forecasted yield will be the second highest on record for corn and the highest on record for soybeans. As of August 1, the corn and soybean crop was more phenologically advanced than both last year and the 5 year average. Rainfall has been adequate in most areas of the State with few fields showing drought stress. Highlights from the August 1 Crop Production report follow:

- Indiana's average corn yield is forecast at 186 bushels per acre, up 6 bushels from the previous year. Total production is forecast at 915 million bushels.

- Soybean yield is forecast at 58 bushels per acre, up 4 bushels from the 2017 State average yield. Total production is forecast at 358 million bushels, up 12 percent from last year.
- Winter wheat yield is estimated at 71 bushels per acre, 5 bushels below the previous forecast and 3 bushels below last year. Winter wheat production is forecast at 18.1 million bushels.
- Hay producers expect to harvest 290,000 acres of alfalfa hay with an average yield of 3.7 tons per acre. Total production is forecast at 1.07 million tons, up 20 percent from last year. All other hay production is forecast at 748,000 tons with an average yield of 2.2 tons per acre.

Area Planted and Harvested, Yield, and Production by Crop - Indiana and United States: 2016 - 2018

Commodity	Indiana			United States		
	2016	2017	2018	2016	2017	2018
Corn, all						
Planted1,000 acres	5,600	5,350	5,100	94,004	90,167	89,128
Corn, grain						
Harvested1,000 acres	5,470	5,190	4,920	86,748	82,703	81,770
Yield..... Bushels	173.0	180.0	186.0	174.6	176.6	178.4
Production 1,000 bu	946,310	934,200	915,120	15,148,038	14,604,067	14,586,485
Hay, alfalfa						
Harvested1,000 acres	210	270	290	16,885	16,563	17,351
Yield.....Tons	4.20	3.30	3.70	3.45	3.32	3.33
Production 1,000 tons	882	891	1,073	58,263	55,068	57,778
Hay, other						
Harvested1,000 acres	290	310	340	36,596	37,221	37,717
Yield.....Tons	3.10	2.40	2.20	2.10	2.05	1.88
Production 1,000 tons	899	744	748	76,732	76,387	70,726
Soybeans						
Planted1,000 acres	5,650	5,950	6,200	83,433	90,142	89,557
Harvested1,000 acres	5,630	5,940	6,180	82,696	89,522	88,862
Yield..... Bushels	57.5	54.0	58.0	52.0	49.1	51.6
Production1,000 bu	323,725	320,760	358,440	4,296,086	4,391,553	4,585,916
Winter Wheat						
Planted1,000 acres	330	290	310	36,152	32,696	32,732
Harvested1,000 acres	280	240	255	30,237	25,291	24,816
Yield.....bushels	81.0	74.0	71.0	55.3	50.2	47.9
Production 1,000 bu	22,680	17,760	18,105	1,672,582	1,269,437	1,189,199

Chickens and Eggs

All layers in Indiana totaled 32.6 million during June, up 1 percent from a year ago. Egg production totaled 768 million eggs, down 3 percent from last year. The rate of lay during June was 2,359 eggs per 100 layers. All layers in the

U.S. totaled 385.7 million during June, up 4 percent from a year ago. There were 23.4 million turkey poults hatched in the U.S. in June, down 7 percent from the previous year.

Egg and Hatchery Production, June 2018

Item	2017	2018	Percent Change
Indiana			
All layers Thousand	32,180	32,552	1
Eggs per hundred layers Number	2,459	2,359	-4
Eggs produced Million	791	768	-3
U.S.			
All Layers Thousand	372,430	385,747	4
Eggs per hundred layers Number	2,319	2,289	-1
Eggs produced Million	8,636	8,829	2
Turkey Eggs in incubators, Jul 1 Thousand	29,318	28,447	-3
Turkey Poults hatched, Jun Thousand	25,125	23,422	-7

June Agricultural Prices

Prices received by Indiana farmers for the full month of June 2018 are listed in the table below. Some Indiana highlights were: June corn, at \$3.81 per bushel, decreased \$0.11 from May and decreased \$0.03 from last year; June soybeans, at \$10.20 per bushel, decreased \$0.30 from last month and

increased \$0.93 from last year; June wheat, at \$4.83 per bushel, decreased \$0.13 from May and increased \$0.21 from last year; June milk, at \$15.50 per cwt., was unchanged from last month, and decreased \$1.60 from last year.

Prices Received by Farmers¹, June 2018

Commodity	Indiana			United States		
	Jun 2017	May 2018	Jun 2018	Jun 2017	May 2018	Jun 2018
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Corn..... dollars/bu	3.84	3.92	3.81	3.43	3.67	3.58
Hay, alfalfa..... dollars/ton	(NA)	210.00	170.00	154.00	189.00	181.00
Hay, other..... dollars/ton	(NA)	165.00	115.00	125.00	122.00	121.00
Soybeans..... dollars/bu	9.27	10.50	10.20	9.10	9.84	9.55
Wheat, winter..... dollars/bu	4.62	4.96	4.83	4.11	5.05	5.05
Milk, all.....dollars/cwt	17.10	15.50	15.50	17.30	16.20	16.30

(NA) Not available.

¹ Entire month weighted average price.

June Milk Production

Dairy herds in Indiana produced 354 million pounds of milk during June, down 0.6 percent from a year ago. The daily rate per cow was 63.5 pounds, unchanged from June 2017. The dairy herd was estimated at 186,000 head for June, down 1,000 head from a year earlier. The average price of milk sold in June by Indiana dairy producers was \$15.50 per cwt., \$1.60 less than the price in June 2017.

Indiana Dairy Summary, June 2018

Item	2016	2017	2018
Cows 1,000 Hd	184	187	186
Milk per cow.....Lb/day	61.0	63.5	63.5
Production..... Mil lbs	337	356	354
Milk price, allDol/cwt	14.80	17.10	15.50
Fat testPct	3.57	3.60	3.59
Protein ¹Pct	3.02	3.04	3.01

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!