



Indiana Agriculture Report

Farm Production Expenditures Down Nearly 9 Percent

United States total farm production expenditures were \$362.8 billion in 2015, down from \$397.6 billion in 2014. The 2015 Total Expenditures are down 8.8 percent compared with 2014 total farm production expenditures. All but two expenditure items decreased from the previous year.

The four largest expenditure categories at the United States level totaled \$177.3 billion and accounted for 48.9 percent of total expenditures in 2015. These include feed, 16.1 percent, livestock, poultry and related expenses, 12.5 percent, farm services, 11.5 percent, and labor, 8.8 percent.

In 2015, the United States total farm expenditure average per farm was \$176,181, down 8.0 percent from \$191,500 in 2014. On average, United States farm operations spent: \$28,408 on feed, \$22,047 on livestock, poultry, and related expenses, \$20,202 on farm services, and \$15,443 on labor. For 2014, United States farms spent an average of: \$30,680 on feed, \$21,818 on farm services, \$21,722 on livestock, poultry, and related expenses, and \$16,472 on labor.

The United States economic sales class contributing most to the 2015 United States total expenditures was the \$1,000,000

- \$4,999,999 class, with expenses of \$119.2 billion, (32.8 percent of the United States total), down 11.8 percent from the 2014 level of \$135.1 billion. It was followed by the \$5,000,000 and over class with \$81.3 billion, down from \$102.0 billion in 2014.

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 \$113.1 billion (31.2 percent), down from \$124.0 billion in 2014. The other regions ranked by total expenditures were: Plains at \$93.5 billion (25.8 percent), West at \$74.9 billion (20.6 percent), Atlantic at \$44.2 billion (12.2 percent), and South at \$37.1 billion (10.2 percent). The Midwest decreased \$11.0 billion from 2014, which is the largest regional decrease.

For further information on USDA farm expenditures, please visit http://www.nass.usda.gov/Statistics_by_Subject/index.php.

Farm Real Estate Values and Cash Rents

The Indiana farm real estate value, including land and buildings, averaged \$7,150 per acre, for 2016.

Farm real estate values were unchanged from 2015. Indiana is in the Corn Belt region, which also includes Illinois, Iowa, Missouri, and Ohio. The Corn Belt region value was \$6,290 per acre, down 1 percent from 2015. The value of farmland in States bordering Indiana was: Illinois, \$7,400 per acre; Kentucky, \$3,350 per acre; Michigan, \$4,800 per acre; and Ohio, \$5,700 per acre.

Indiana cropland value unchanged from the previous year at \$7,000 per acre. The Corn Belt region saw a 1.9 percent decrease to \$6,710 per acre. The average value of cropland in

the U.S. decreased 1 percent to a value of \$4,090 per acre. Indiana's pasture value was \$2,600 per acre, unchanged from 2015.

Indiana's cropland cash rent was \$192.00 per acre in 2016, down \$5.00 from the previous year. Cropland cash rents in the Corn Belt region decreased \$9.00 from last year to \$202.00 per acre. The cropland cash rents in the States bordering Indiana was: Illinois, \$221.00 per acre; Kentucky, \$143.00 per acre; Michigan, \$127.00 per acre; and Ohio, \$150.00 per acre.

Pasture cash rents in the Corn Belt region decreased 2.6 percent to \$37.00 per acre. Pasture cash rent in Indiana was \$38.00 per acre.

August 1 Crop Forecast

Overall favorable growing conditions through the first of August set expectations for an excellent 2016 harvest, not only with a record high winter wheat yield, but also above average yields for all other major field crops. Highlights of the August 1 Crop Production report follow:

- Indiana's average corn yield is forecast at 187 bushels per acre, up 37 bushels from the previous year. Total production is forecast at 1.05 billion bushels.
- Soybean yield is forecast at 55 bushels per acre, up 5 bushels from the 2015 state average yield, but a half bushel short of 2014's record yield. Total production is forecast at 312.4 million bushels, up 14 percent from last year to a new record high.
- Winter wheat yield is estimated at 80 bushels per acre, 4 bushels above the previous year and a state record, if realized. Winter wheat production is forecast at 25.6 million bushels.
- Hay producers expect to harvest 210,000 acres of alfalfa hay with an average yield of 4.20 tons per acre. Total production is forecast at 882,000 tons, down 2 percent from last year. All other hay for harvest is expected at 360,000 tons with an average yield of 2.40 tons per acre. Total state production for all other hay is forecast at 864,000 tons, up 14 percent from the previous year.

Area Planted and Harvested, Yield, and Production by Crop - Indiana and United States: 2014 - 2016

| Commodity | Indiana | | | United States | | |
|-----------------------------|-----------|---------|-----------|---------------|------------|------------|
| | 2014 | 2015 | 2016 | 2014 | 2015 | 2016 |
| Corn, all | | | | | | |
| Planted1,000 acres | 5,900 | 5,650 | 5,800 | 90,597 | 87,999 | 94,148 |
| Corn, grain | | | | | | |
| Harvested1,000 acres | 5,770 | 5,480 | 5,610 | 83,136 | 80,749 | 86,550 |
| Yield..... Bushels | 188.0 | 150.0 | 187.0 | 171.0 | 168.4 | 175.1 |
| Production 1,000 bu | 1,084,760 | 822,000 | 1,049,070 | 14,215,532 | 13,601,198 | 15,153,472 |
| Hay, alfalfa | | | | | | |
| Harvested1,000 acres | 240 | 230 | 210 | 18,395 | 17,778 | 18,065 |
| Yield.....Tons | 4.00 | 3.90 | 4.20 | 3.34 | 3.32 | 3.40 |
| Production 1,000 tons | 960 | 897 | 882 | 61,451 | 58,974 | 61,507 |
| Hay, other | | | | | | |
| Harvested1,000 acres | 360 | 330 | 360 | 38,667 | 36,659 | 38,062 |
| Yield.....Tons | 2.75 | 2.30 | 2.40 | 2.03 | 2.06 | 2.07 |
| Production 1,000 tons | 990 | 759 | 864 | 78,472 | 75,414 | 78,973 |
| Soybeans | | | | | | |
| Planted1,000 acres | 5,450 | 5,550 | 5,700 | 83,276 | 82,650 | 83,688 |
| Harvested1,000 acres | 5,440 | 5,500 | 5,680 | 82,591 | 81,814 | 83,037 |
| Yield..... Bushels | 55.5 | 50.0 | 55.0 | 47.5 | 48.0 | 48.9 |
| Production1,000 bu | 301,920 | 275,000 | 312,400 | 3,927,090 | 3,929,160 | 4,060,188 |
| Winter Wheat | | | | | | |
| Planted1,000 acres | 390 | 290 | 350 | 42,409 | 39,461 | 36,538 |
| Harvested1,000 acres | 335 | 260 | 320 | 32,299 | 32,257 | 30,176 |
| Yield.....bushels | 76.0 | 68.0 | 80.0 | 42.6 | 42.5 | 54.9 |
| Production 1,000 bu | 25,460 | 17,680 | 25,600 | 1,377,216 | 1,370,188 | 1,657,440 |

Chickens and Eggs

All layers in Indiana totaled 30.0 million during June, up 7 percent from a year ago. Egg production totaled 705 million eggs, up 7 percent from last year. The rate of lay during June was 2,349 eggs per 100 layers. On July 1, in the East North Central Region, which includes Michigan, Illinois, Indiana, Ohio, and Wisconsin, there were 7.5

million egg-type eggs in incubators, down 10 percent from a year earlier. In the same region, there were 15.3 million broiler-type eggs in incubators, up 5 percent from the previous year. There were 25.0 million turkey poults hatched in the U.S. in June, up 8 percent from the previous year.

Egg and hatchery production, June 2016

| Item | Unit | 2015 | 2016 | Percent change |
|----------------------------------|------|---------|---------|----------------|
| Indiana | | | | |
| All layers | Thou | 28,049 | 30,014 | 7 |
| Eggs per hundred layers | Num | 2,342 | 2,349 | 0 |
| Eggs produced | Mil | 657 | 705 | 7 |
| East North Central Region | | | | |
| Eggs in incubators, Jul 1 | | | | |
| Egg-type | Thou | 8,394 | 7,543 | -10 |
| Broiler type | Thou | 14,620 | 15,279 | 5 |
| U.S. | | | | |
| All Layers | Thou | 332,622 | 359,281 | 8 |
| Eggs per hundred layers | Num | 2,258 | 2,285 | 1 |
| Eggs produced | Mil | 7,512 | 8,210 | 9 |
| Turkey Eggs in incubators, Jul 1 | Thou | 27,372 | 29,651 | 8 |
| Turkey Poults hatched, Jun | Thou | 23,148 | 24,993 | 8 |

June Agricultural Prices

Prices received by Indiana farmers for the full month of June 2016 are listed in the table below. Some Indiana highlights were: June corn, at \$4.26 per bushel, increased \$0.17 from May and increased \$0.59 from last year; June soybeans, at \$10.90 per bushel, increased \$0.80 from last month and

increased \$0.99 from last year; June wheat, at \$4.45 per bushel, increased \$0.04 from May and decreased \$0.83 from last year; June milk, at \$14.80 per cwt., increased \$0.10 from last month, and decreased \$1.70 from last year.

Prices Received by Farmers¹, June 2016

| Commodity | Indiana | | | United States | | |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | Jun 2015 | May 2016 | Jun 2016 | Jun 2015 | May 2016 | Jun 2016 |
| | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> |
| Corn..... dollars/bu | 3.67 | 4.09 | 4.26 | 3.59 | 3.68 | 3.82 |
| Soybeans..... dollars/bu | 9.91 | 10.10 | 10.90 | 9.58 | 9.76 | 10.20 |
| Wheat, winter dollars/bu | 5.28 | 4.41 | 4.45 | 5.20 | 4.28 | 3.97 |
| Milk, alldollars/cwt | 16.50 | 14.70 | 14.80 | 17.00 | 14.50 | 14.80 |

¹ Entire month weighted average price.

June Milk Production

Dairy herds in Indiana produced 337 million pounds of milk during June, up 2.1 percent from a year ago. The daily rate per cow was 61.0 pounds, up 0.2 pounds from June 2015. The dairy herd was estimated at 184,000 head for June, up 3,000 head from a year earlier. The average price of milk sold in June by Indiana dairy producers was \$14.80 per cwt., \$1.70 less than the price in June 2015.

Indiana Dairy Summary, June 2016

| Item | 2014 | 2015 | 2016 |
|-------------------------------|-------|-------|-------|
| Cows 1,000 Hd | 178 | 181 | 184 |
| Milk per cow.....Lb/day | 61.3 | 60.8 | 61.0 |
| Production..... Mil lbs | 328 | 330 | 337 |
| Milk price, allDol/cwt | 23.40 | 16.50 | 14.80 |
| Fat testPct | 3.53 | 3.54 | 3.58 |
| Protein ¹Pct | 3.02 | 3.00 | 3.02 |

¹ FMO 33

PRST STD
 POSTAGE & FEES PAID
 USDA
 PERMIT NO. G-38

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

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!