



Agriculture Across Ohio

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 Ohio farm real estate value, including land and buildings, averaged \$5,740 per acre. Farm real estate values in Ohio were up 1.6 percent from 2017. Ohio is in the Corn Belt region, which also includes Illinois, Indiana, Iowa, and Missouri. The Corn Belt region value was \$6,430 per acre, up 2.7 percent from 2017. The value of farmland in States bordering Ohio were: Indiana, \$7,100 per acre; Kentucky, \$3,440 per acre; Michigan, \$4,780 per acre; Pennsylvania, \$5,680 per acre; and West Virginia, \$2,570 per acre.

Ohio's cropland value increased 1.2 percent from the previous year to \$5,850 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. Ohio's pasture value was \$3,120 per acre, up 2.3 percent from 2017.

Ohio's cropland cash rent was \$152.00 per acre in 2018, unchanged from the previous year. Cropland cash rents in the Corn Belt region increased \$3.00 from last year to \$204.00 per acre. The cropland cash rents in the States bordering Ohio were: Indiana, \$198.00 per acre; Kentucky, \$149.00 per acre; Michigan, \$123.00 per acre; Pennsylvania, \$80.50 per acre; and West Virginia, \$45.00 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

Ohio growers are anticipating record breaking corn and soybean yields in 2018. Highlights of the August 1 Crop Production report follow:

- Ohio's average corn yield is forecast at 180 bushels per acre, 3 bushels above last year. If realized, this will be a new record yield. Total production is forecast at 596 million bushels, up 8 percent from last year.
- Soybean yield is forecast at 56 bushels per acre, up 6.5 bushels from last year. If realized, this will be a new record yield. Total production is forecast at 277 million bushels, up 10 percent from last year.
- Winter Wheat yield is estimated at 75 bushels per acre, up 1 bushel from last year.
- Ohio's oat yield is forecast at 65 bushels per acre, 5 bushels below last year. Total production is forecast at 1.30 million bushels.
- Hay producers expect to harvest 390,000 acres of alfalfa hay with an average yield of 3.1 tons per acre. Total production is forecast at 1.21 million tons. All other hay for harvest is expected at 720,000 acres with an average yield of 1.7 tons per acre. Total State production is forecast at 1.22 million tons.

The Ohio 2018 apple production forecast is 45.0 million pounds, down 2.0 million pounds from last year. U.S. apple production is forecast at 11.5 billion pounds, up less than 1 percent from the previous year. The Ohio grape production forecast is 5,000 tons, compared with 4,640 tons in 2017. The U.S. grape production forecast is 7.66 million tons, up 4 percent from last year. The Ohio peach production forecast is 3,680 tons, down from 4,200 tons from last year. The U.S. peach crop forecast is 732,050 million tons, up 5 percent from 2017.

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

Commodity	Ohio			United States		
	2016	2017	2018	2016	2017	2018
Corn, all						
Planted..... 1,000 acres	3,550	3,400	3,550	94,004	90,167	89,128
Corn, grain						
Harvested..... 1,000 acres	3,300	3,130	3,310	86,748	82,703	81,770
Yield..... Bushels	159.0	177.0	180.0	174.6	176.6	178.4
Production..... 1,000 bu	524,700	554,010	595,800	15,148,038	14,604,067	14,586,485
Hay, alfalfa						
Harvested..... 1,000 acres	330	310	390	16,885	16,563	17,351
Yield..... Tons	3.40	3.20	3.10	3.45	3.32	3.33
Production..... 1,000 tons	1,122	992	1,209	58,263	55,068	57,778
Hay, other						
Harvested..... 1,000 acres	640	750	720	36,596	37,221	37,717
Yield..... Tons	2.10	2.10	1.70	2.10	2.05	1.88
Production..... 1,000 tons	1,344	1,575	1,224	76,732	76,387	70,726
Oats						
Planted..... 1,000 acres	50	60	50	2,829	2,588	2,889
Harvested..... 1,000 acres	25	20	20	981	801	1,009
Yield..... Bushels	74	70	65	66.0	61.7	65.1
Production..... 1,000 bu	1,850	1,400	1,300	64,770	49,391	65,668
Soybeans						
Planted..... 1,000 acres	4,850	5,100	4,950	83,433	90,142	89,557
Harvested..... 1,000 acres	4,840	5,090	4,940	82,696	89,522	88,862
Yield..... Bushels	54.5	49.5	56.0	52.0	49.1	51.6
Production..... 1,000 bu	263,780	251,955	276,640	4,296,086	4,391,553	4,585,916
Wheat, winter						
Planted..... 1,000 acres	580	460	490	36,152	32,696	32,732
Harvested..... 1,000 acres	560	435	450	30,237	25,291	24,816
Yield..... Bushels	80	74	75	55.3	50.2	47.9
Production..... 1,000 bu	44,800	32,190	33,750	1,672,582	1,269,437	1,189,199

Chickens and Eggs

All layers in Ohio totaled 31.9 million during June, up 6 percent from a year ago. Egg production totaled 773 million eggs, up 7 percent from last year. The rate of lay during June was 2,421 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
Ohio				
All layers	Thousand	30,098	31,904	6
Eggs per hundred layers	Number	2,406	2,421	1
Eggs produced	Million	724	773	7
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 Ohio farmers for the full month of June 2018 are listed in the table below. Some Ohio highlights were: June corn, at \$3.78 per bushel, decreased \$0.18 from May and was unchanged from last year; June soybeans, at \$9.67 per bushel, decreased \$0.43 from last

month and increased \$0.28 from last year; June wheat, at \$5.04 per bushel, decreased \$0.08 from May and increased \$0.39 from last year; June milk, at \$16.10 per cwt., was unchanged from last month and decreased \$1.80 from last year.

Prices Received by Farmers¹, June 2018

Commodity	Ohio			United States		
	Jun 2017	May 2018	Jun 2018	Jun 2017	May 2018	Jun 2018
Corn dollars/bu	3.78	3.96	3.78	3.43	3.67	3.58
Hay, alfalfa dollars/ton	180.00	215.00	180.00	154.00	189.00	181.00
Hay, other dollars/ton	110.00	135.00	115.00	125.00	122.00	121.00
Soybeans dollars/bu	9.39	10.10	9.67	9.10	9.84	9.55
Wheat, winter dollars/bu	4.65	5.12	5.04	4.11	5.05	5.05
Milk, all dollars/cwt	17.90	16.10	16.10	17.30	16.20	16.30

¹ Entire month weighted average price.

June Milk Production

Dairy herds in Ohio produced 460 million pounds of milk during June, down 1.7 percent from a year ago. The daily rate per cow was 59.7 pounds, up 0.2 pounds from June 2017. The dairy herd was estimated at 257,000 head for June, down 5,000 head from a year earlier. The average price of milk sold in June by Ohio dairy producers was \$16.10 per cwt., \$1.80 less than the price in June 2017.

Ohio Dairy Summary, June 2018

Item		2016	2017	2018
Cows	1,000 Hd	266	262	257
Milk per cow	Lb/day	58.3	59.5	59.7
Production	Mil lbs	466	468	460
Milk price, all	Dol/cwt	15.50	17.90	16.10
Fat test	Pct	3.68	3.72	3.64
Protein ¹	Pct	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, 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!