



Agriculture Across Ohio

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 Ohio farm real estate value, including land and buildings, averaged \$6,290 per acre. Farm real estate values in Ohio were up 1.5 percent from 2018. Ohio is in the Corn Belt region, which also includes Illinois, Indiana, Iowa, and Missouri. The Corn Belt region value was \$6,100 per acre, down slightly from 2018. The value of farmland in States bordering Ohio were: Indiana, \$6,580 per acre; Kentucky, \$3,820 per acre; Michigan, \$4,960 per acre; Pennsylvania, \$6,470 per acre; and West Virginia, \$2,680 per acre.

Ohio's cropland value increased 1.3 percent from the previous year to \$6,400 per acre. The Corn Belt region's average value fell slightly to \$6,360 per acre. The average

value of cropland in the U.S. increased \$50 from 2018 to \$4,100 per acre. Ohio's pasture value was \$3,350 per acre, down 1 percent from 2018.

Ohio's cropland cash rent was \$155.00 per acre in 2019, up \$3.00 from the previous year. Cropland cash rents in the Corn Belt region increased \$2.00 from last year to \$203.00 per acre. The cropland cash rents in the States bordering Ohio were: Indiana, \$194.00 per acre; Kentucky, \$151.00 per acre; Michigan, \$127.00 per acre; Pennsylvania, \$94.00 per acre; and West Virginia, \$43.00 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

Ohio growers will harvest 710,000 fewer acres of corn for grain and 810,000 fewer acres of soybeans in 2019 than they did in 2018. Highlights of the August 1 Crop Production report follow:

- Ohio's average corn yield is forecast at 160 bushels per acre, 27 bushels below last year. Total production is forecast at 414 million bushels, down 33 percent from last year.
- Soybean yield is forecast at 48 bushels per acre, down 10 bushels from last year. Total production is forecast at 200 million bushels, down 30 percent from last year.
- Winter Wheat yield is estimated at 61 bushels per acre, down 14 bushels from last year.
- Ohio's oat yield is forecast at 60 bushels per acre, 5 bushels below last year. Total production is forecast at 2.10 million bushels.
- Hay producers expect to harvest 320,000 acres of alfalfa hay with an average yield of 2.60 tons per acre. Total production is forecast at 832,000 tons. All other hay for harvest is expected at 640,000 acres with an average yield of 2.0 tons per acre. Total State production is forecast at 1.28 million tons.

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

Commodity	Ohio			United States		
	2017	2018	2019	2017	2018	2019
Corn, all						
Planted..... 1,000 acres	3,400	3,500	2,800	90,167	89,129	90,005
Corn, grain						
Harvested..... 1,000 acres	3,150	3,300	2,590	82,733	81,740	82,017
Yield..... Bushels	177.0	187.0	160.0	176.6	176.4	169.5
Production..... 1,000 bu	557,550	617,100	414,400	14,609,407	14,420,101	13,900,651
Hay, alfalfa						
Harvested..... 1,000 acres	350	350	320	17,007	16,608	16,828
Yield..... Tons	3.20	3.10	2.60	3.28	3.17	3.29
Production..... 1,000 tons	1,120	1,085	832	55,812	52,634	55,393
Hay, other						
Harvested..... 1,000 acres	610	620	640	35,770	36,231	35,945
Yield..... Tons	2.05	2.05	2.00	2.02	1.96	2.11
Production..... 1,000 tons	1,251	1,271	1,280	72,395	70,966	75,672
Oats						
Planted..... 1,000 acres	60	55	60	2,589	2,746	2,549
Harvested..... 1,000 acres	20	30	35	804	865	909
Yield..... Bushels	70	65	60	61.7	64.9	66.4
Production..... 1,000 bu	1,400	1,950	2,100	49,585	56,130	60,385
Soybeans						
Planted..... 1,000 acres	5,100	5,000	4,200	90,162	89,196	76,700
Harvested..... 1,000 acres	5,090	4,980	4,170	89,542	88,110	75,866
Yield..... Bushels	49.5	58.0	48.0	49.3	51.6	48.5
Production..... 1,000 bu	251,955	288,840	200,160	4,411,633	4,543,883	3,680,217
Wheat, winter						
Planted..... 1,000 acres	490	490	470	32,726	32,535	31,778
Harvested..... 1,000 acres	460	450	420	25,301	24,742	24,924
Yield..... Bushels	74	75	61	50.2	47.9	53.2
Production..... 1,000 bu	34,040	33,750	25,620	1,270,282	1,183,939	1,326,223

Chickens and Eggs

All layers in Ohio totaled 35.5 million during June, up 10 percent from a year ago. Egg production totaled 854 million eggs, up 9 percent from last year. The rate of lay during June was 2,403 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 - Ohio and United States: June 2018 and 2019

Item	2018	2019	Percent Change
Ohio			
All layers.....thousand	32,393	35,542	10
Eggs per hundred layers number	2,422	2,403	-1
Eggs produced million	784	854	9
U.S.			
All Layers.....thousand	391,581	392,464	0
Eggs per hundred layers number	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 Ohio farmers for the full month of June 2019 are listed in the table below. Some Ohio highlights were: June corn, at \$4.28 per bushel, increased \$0.49 from May and increased \$0.50 from last year; June soybeans, at \$8.53 per bushel, increased \$0.38 from last

month but decreased \$1.14 from last year; June wheat, at \$5.31 per bushel, increased \$0.44 from May and increased \$0.27 from last year; June milk, at \$18.10 per cwt., increased \$0.10 from last month and increased \$2.00 from last year.

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

Commodity	Ohio			United States		
	Jun 2018	May 2019	Jun 2019	Jun 2018	May 2019	Jun 2019
Corn dollars/bu	3.78	3.79	4.28	3.58	3.63	3.98
Hay, alfalfa dollars/ton	180.00	195.00	215.00	181.00	204.00	193.00
Hay, other..... dollars/ton	115.00	140.00	130.00	121.00	152.00	146.00
Soybeans dollars/bu	9.67	8.15	8.53	9.55	8.02	8.31
Wheat, winter dollars/bu	5.04	4.87	5.31	5.05	4.73	4.77
Milk, all dollars/cwt	16.10	18.00	18.10	16.30	18.00	18.10

¹ Entire month weighted average price.

June Milk Production

Dairy herds in Ohio produced 448 million pounds of milk during June, down 4.3 percent from a year ago. The daily rate per cow was 60.7 pounds, up 0.7 pounds from June 2018. The dairy herd was estimated at 246,000 head for June, down 14,000 head from a year earlier. The average price of milk sold in June by Ohio dairy producers was \$18.10 per cwt., \$2.00 more than the price in June 2018.

Milk Cows, Production, and Price – Ohio: June 2017-2019

Item	2017	2018	2019
Cows 1,000 hd	264	260	246
Milk per cow lb/day	59.7	60.0	60.7
Production mil lbs	473	468	448
Milk price, all dol/cwt	17.90	16.10	18.10
Fat test pct	3.72	3.71	3.73
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, 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!