



Agriculture Across Michigan

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 Michigan farm real estate value, including land and buildings, averaged \$4,960 per acre. Farm real estate values in Michigan averaged \$4,960 and were unchanged from 2018. Michigan is in the Lake States region, which also includes Minnesota and Wisconsin. The Lake States region value was \$4,900 per acre, up slightly from 2018. The value of farm real estate in States bordering Michigan were: Wisconsin, \$4,950 per acre; Ohio, \$6,290 per acre; and Indiana, \$6,580 per acre.

Michigan's cropland value decreased slightly from the previous year to \$4,500 per acre. The Lake States region experienced a 1.0 percent decrease to \$4,760 per acre. The

average value of cropland in the U.S. increased \$50 from 2018 to \$4,100 per acre.

Michigan's cropland cash rent was \$127.00 per acre in 2019, up \$4.00 from the previous year. Cropland cash rents in the Lake States remained unchanged from last year at \$153.00 per acre. The cropland cash rents in the States bordering Michigan were: Wisconsin, \$142.00 per acre; Ohio, \$155.00 per acre; and Indiana, \$194.00 per acre.

Pasture cash rents in the Lake States region decreased 7.4 percent to \$31.50 per acre. Pasture cash rent in the U.S. was \$13.00 per acre.

August 1 Crop Forecast

Michigan growers anticipate harvesting 240,000 fewer acres of corn for grain and 560,000 fewer acres of soybeans this year than they did last year. This report is based on conditions as of August 1, 2019. Michigan corn producers expect a yield of 155 bushels per acre, up 2 bushels from the previous year. Production is projected to decrease 11 percent from last year. Soybean production in the State is expected to total 77.4 million bushels, down 29 percent from a year earlier. The yield is forecast at 45 bushels per acre, a 3 bushel decrease from 2018. Winter wheat production in Michigan is expected to total 37.7 million bushels. The yield is forecast at 77 bushels, up 1 bushel from

last year's yield. Producers of dry beans are expecting their crop to yield 2,200 pounds per acre, down 200 pounds from last year. Production is expected to decline by 2 percent from 2018.

The Michigan 2019 apple production forecast is 1.05 billion pounds, unchanged from last year. The Michigan peach production forecast is 6,000 tons, down 50 percent from last year. The U.S. apple production forecast is 10.6 billion pounds, up 4 percent from the previous year. The national peach crop forecast is 733,500 tons, up 13 percent from last year.

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

Commodity	Michigan			United States		
	2017	2018	2019	2017	2018	2019
Beans, dry						
Planted.....1,000 acres	220.0	195.0		2,097.0	2,081.0	
Harvested.....1,000 acres	218.5	193.0		2,022.7	2,016.0	
Yield..... Pounds						
Production..... 1,000 cwt						
Corn, all						
Planted.....1,000 acres	2,250	2,300	2,000	90,167	89,129	90,005
Corn, grain						
Harvested.....1,000 acres	1,890	1,940	1,700	82,733	81,740	82,017
Yield.....Bushels	159.0	153.0	155.0	176.6	176.4	169.5
Production..... 1,000 bu	300,510	296,820	263,500	14,609,407	14,420,101	13,900,651
Hay, alfalfa						
Harvested.....1,000 acres	610	590	570	17,007	16,608	16,828
Yield..... Tons	2.60	2.40	2.60	3.28	3.17	3.29
Production.....1,000 tons	1,586	1,416	1,482	55,812	52,634	55,393
Hay, other						
Harvested.....1,000 acres	260	220	230	35,770	36,231	35,945
Yield..... Tons	1.55	1.80	1.60	2.02	1.96	2.11
Production.....1,000 tons	403	396	368	72,395	70,966	75,672
Oats						
Planted.....1,000 acres	55	75	55	2,589	2,746	2,549
Harvested.....1,000 acres	40	50	35	804	865	909
Yield.....Bushels	54	63	62	61.7	64.9	66.4
Production..... 1,000 bu	2,160	3,150	2,170	49,585	56,130	60,385
Soybeans						
Planted.....1,000 acres	2,280	2,300	1,750	90,162	89,196	76,700
Harvested.....1,000 acres	2,270	2,280	1,720	89,542	88,110	75,866
Yield.....Bushels	42.5	48.0	45.0	49.3	51.6	48.5
Production..... 1,000 bu	96,475	109,440	77,400	4,411,633	4,543,883	3,680,217
Sugarbeets						
Planted.....1,000 acres	144.0	150.0	147.0	1,131.4	1,113.1	1,130.6
Harvested.....1,000 acres	143.0	147.0	145.0	1,113.8	1,095.4	1,116.7
Yield..... Tons	25.2	29.1	29.9	31.7	30.3	31.1
Production.....1,000 tons	3,604	4,278	4,336	35,317	33,145	34,751
Wheat, winter						
Planted.....1,000 acres	480	510	550	32,726	32,535	31,778
Harvested.....1,000 acres	425	470	490	25,301	24,742	24,924
Yield.....Bushels	79	76	77	50.2	47.9	53.2
Production..... 1,000 bu	33,575	35,720	37,730	1,270,282	1,183,939	1,326,223

Chickens and Eggs

All layers in Michigan totaled 15.3 million during June, up 1 percent from a year ago. Egg production totaled 379 million eggs, up 3 percent from last year. The rate of lay during June was 2,478 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 - Michigan and United States: June 2018 and 2019

Item	2018	2019	Percent Change
Michigan			
All layersthousand	15,157	15,288	1
Eggs per hundred layers number	2,426	2,478	2
Eggs produced million	368	379	3
U.S.			
All Layersthousand	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, Junthousand	23,337	22,912	-2

June Agricultural Prices

Prices received by Michigan farmers for the full month of June 2019 are listed in the table below. Some Michigan highlights were: June corn, at \$4.30 per bushel, increased \$0.60 from May and increased \$0.57 from last year; June soybeans, at \$8.41 per bushel, increased \$0.33 from last

month but decreased \$1.44 from last year; June wheat, at \$5.27 per bushel, increased \$0.34 from May and increased \$0.21 from last year; June milk, at \$16.90 per cwt., increased \$0.10 from last month and increased \$2.10 from last year.

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

Commodity	Michigan			United States		
	Jun 2018	May 2019	Jun 2019	Jun 2018	May 2019	Jun 2019
Beans, dry edible.....dollars/cwt	32.00	30.90	(D)	23.50	24.90	22.90
Corn.....dollars/bu	3.73	3.70	4.30	3.58	3.63	3.98
Hay, alfalfadollars/ton	130.00	195.00	195.00	181.00	204.00	193.00
Hay, otherdollars/ton	110.00	150.00	130.00	121.00	152.00	146.00
Oatsdollars/bu	3.27	3.75	(D)	3.04	3.11	3.31
Soybeansdollars/bu	9.85	8.08	8.41	9.55	8.02	8.31
Wheat, winterdollars/bu	5.06	4.93	5.27	5.05	4.73	4.77
Milk, alldollars/cwt	14.80	16.80	16.90	16.30	18.00	18.10

(D) Withheld to avoid disclosing data for individual operations.

¹ Entire month weighted average price.

June Milk Production

Dairy herds in Michigan produced 969 million pounds of milk during June, up 2.2 percent from a year ago. The daily rate per cow was 76.0 pounds, up 1.3 pounds from June 2018. The dairy herd was estimated at 425,000 head for June, up 2,000 head from a year earlier. The average price of milk sold in June by Michigan dairy producers was \$16.90 per cwt., \$2.10 more than the price in June 2018.

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

Item	2017	2018	2019
Cows 1,000 hd	427	423	425
Milk per cow lb/day	74.0	74.7	76.0
Production mil lbs	948	948	969
Milk price, all dol/cwt	15.80	14.80	16.90
Fat test pct	3.60	3.70	3.69
Protein ¹ pct	3.04	3.01	3.05

¹ FMO 33

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