



# Agriculture Across Michigan

## Farm Production Expenditures Continue to Climb

United States Total Farm Production Expenditures were \$397.6 billion in 2014, up from \$367.3 billion in 2013. The 2014 Total Expenditures are up 8.3 percent compared with 2013 Total farm production expenditures. Nearly all expenditure items increased from the previous year.

The four largest expenditure categories at the United States level totaled \$188.3 billion and accounted for 47.3 percent of Total expenditures in 2014. These were: Feed, 16.0 percent, Farm Services, 11.4 percent, Livestock, Poultry and Related Expenses, 11.3 percent, and Labor, 8.6 percent.

In 2014, the United States Total Farm Expenditure average per farm was \$191,500 compared with \$175,270 in 2013, up 9.3 percent. On average, United States farm operations spent: \$30,680 on Feed, \$21,818 on Farm Services, \$21,722 on Livestock, Poultry and Related Expenses, and \$16,472 on Labor. For 2013, United States farms spent an average of: \$29,779 on Feed, \$18,612 on Farm Services, \$16,321 on Livestock, Poultry, and Related Expenses, \$15,271 on Labor.

The United States Economic Sales Class contributing most to the 2014 United States Total Expenditures was the \$1,000,000 - \$4,999,999 class, with expenses of \$135.1 billion, (34.0 percent of the United States total), up 2.3 percent from the 2013 level of \$132.0 billion. It was followed by the \$5,000,000 and over class with \$102.0 billion, up from \$79.0 billion in 2013.

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 \$124.0 billion (31.2 percent), up from \$118.4 billion in 2013. The other regions ranked by Total Expenditures were: Plains at \$99.3 billion (25.0 percent), West at \$85.6 billion (21.5 percent), Atlantic at \$48.2 billion (12.1 percent), and South at \$40.5 billion (10.2 percent). The Plains increased \$11.6 billion from 2013, which is the largest regional increase in dollars.

For further information on USDA farm expenditures, please visit [http://www.nass.usda.gov/Statistics\\_by\\_Subject/index.php](http://www.nass.usda.gov/Statistics_by_Subject/index.php)

## Farm Real Estate Values and Cash Rents

Michigan farm real estate value, including land and buildings, averaged \$4,900 per acre, for 2015. Farm real estate values were up 4.3 percent from 2014. Michigan is in the Lake States region, which also includes Minnesota and Wisconsin. The Lakes States region average was \$4,740 per acre, up 2.2 percent from 2014. The value of farmland in States bordering Michigan was: Wisconsin, \$4,700 per acre; Ohio, \$5,750 per acre; and Indiana, \$7,150 per acre.

Michigan's cropland value increased 1.1 percent from the previous year to \$4,550 per acre. The Lake States region, at \$4,670, saw no change from the previous year. The average

value of cropland in the U.S. increased 0.7 percent to a value of \$4,130 per acre. Michigan's pasture value increased 7.2 percent from last year to \$2,680 per acre.

Michigan's cropland cash rent was \$118.00 per acre in 2015, down 4.1 percent from the previous year. Cropland cash rents in the Lake States region decreased \$3.00 from last year to \$158.00 per acre. The cropland cash rents for 2015 in the States bordering Michigan were: Wisconsin, \$134.00 per acre; Ohio, \$150.00 per acre; and Indiana, \$197.00 per acre.

## Dry Bean Production

Michigan's 2015 dry bean production is estimated at 4.67 million cwt, down from 4.75 million cwt in 2014. The average yield is 1,900 pounds per acre, down 40.0 pounds per acre from last year. In Michigan, planting began the first week in June and wrapped up the week ending July 12. Conditions were typically wet throughout the spring and planting was delayed. During June and July there were some reports of fields under water, while other areas were in drought-like conditions. As of August 2, conditions were

much more favorable for dry bean development. By August, sixty-one percent of the crop was reported to be in good to excellent condition.

Production is forecast at 29.3 million cwt, up less than 1 percent from last year. Planted area is estimated at 1.75 million acres, up 2 percent from 2014. Harvested area is forecast at 1.70 million acres, 2 percent above the previous year. The average United States yield is forecast at 1,721 pounds per acre, a decrease of 32 pounds from last season.

## August 1 Crop Forecast

Michigan growers believe that they will have higher yields for both corn and soybeans compared to 2014, as well as a record wheat yield. This report is based on current conditions, as of August 1, 2015. Some highlights of the Crop Production Report follow:

- Michigan corn producers expect a yield of 165 bushels per acre, up 4 bushels from the previous year. Production is projected to decrease, though, due to fewer acres harvested.
- Soybean production in the State is expected to total 96.1 million bushels, up from a year earlier. The yield is

forecast at 46 bushels per acre, a 3 bushel increase from 2014.

- Sugarbeet growers estimate a yield of 30.0 tons per acre, up 0.7 tons from last year.
- Winter wheat production in Michigan is expected to total 40.0 million bushels. The yield is forecast at 80 bushels, which would be a state record.
- Producers of dry beans are expecting their crop to yield 1,900 pounds per acre, down 40 pounds from last year. Production is expected to decline slightly from 2014.

### Acres by Crop, Michigan and United States: 2013-2015

Commodity	Michigan			United States		
	2013	2014	2015	2013	2014	2015
Beans, dry						
Planted.....1,000 acres	175.0	250.0	250.0	1,359.7	1,718.9	1,752.4
Harvested.....1,000 acres	172.0	245.3	246.0	1,316.3	1,665.7	1,701.9
Yield..... Pounds	1,900	1,940	1,900	1,867	1,753	1,721
Production..... 1,000 cwt	3,270	4,749	4,674	24,576	29,206	29,287
Corn, all						
Planted.....1,000 acres	2,600	2,550	2,500	95,365	90,597	88,897
Corn, grain						
Harvested.....1,000 acres	2,230	2,210	2,130	87,451	83,136	81,101
Yield.....Bushels	155.0	161.0	165.0	158.1	171.0	168.8
Production..... 1,000 bu	345,650	355,810	351,450	13,828,964	14,215,532	13,686,063
Hay, alfalfa						
Harvested.....1,000 acres	610	640	700	17,673	18,445	18,337
Yield..... Tons	3.10	2.90	3.60	3.24	3.33	3.39
Production.....1,000 tons	1,891	1,856	2,520	57,217	61,446	62,092
Hay, other						
Harvested.....1,000 acres	330	340	350	40,224	38,647	38,202
Yield..... Tons	1.90	2.10	2.20	1.93	2.03	2.09
Production.....1,000 tons	627	714	770	77,785	78,352	80,008
Oats						
Planted.....1,000 acres	50	50	65	2,980	2,723	3,064
Harvested.....1,000 acres	30	40	45	1,009	1,029	1,220
Yield.....Bushels	62	69	71	64.1	67.7	70.0
Production..... 1,000 bu	1,860	2,760	3,195	64,642	69,684	85,456
Soybeans						
Planted.....1,000 acres	1,930	2,150	2,100	76,840	83,701	84,339
Harvested.....1,000 acres	1,920	2,140	2,090	76,253	83,061	83,549
Yield.....Bushels	44.5	43.0	46.0	44.0	47.8	46.9
Production..... 1,000 bu	85,440	92,020	96,140	3,357,984	3,968,823	3,916,448
Sugarbeets						
Planted.....1,000 acres	154	151	152	1,198	1,163.4	1,159.8
Harvested.....1,000 acres	153	150	151	1,154	1,147	1,144
Yield..... Tons	26.2	29.3	30.0	28.4	27.4	29.9
Production.....1,000 tons	4,009	4,395	4,530	32,789	31,365	34,211
Wheat, winter						
Planted.....1,000 acres	620	570	530	43,230	42,399	40,620
Harvested.....1,000 acres	590	485	500	32,650	32,304	33,329
Yield.....Bushels	75	74	80	47.3	42.6	43.2
Production..... 1,000 bu	44,250	35,890	40,000	1,542,902	1,377,526	1,438,278

## Chickens and Eggs

All layers in Michigan totaled 12.9 million during June, down 2 percent from a year ago. Egg production totaled 309 million eggs, down 2 percent from last year. The rate of lay during June was 2,398 eggs per 100 layers. On July 1, in the East North Central Region, which includes Michigan, Illinois, Indiana, Ohio, and Wisconsin, there were 8.4

million egg-type eggs in incubators, down 4 percent from a year earlier. In the same region, there were 14.6 million broiler-type eggs in incubators, up 1 percent from the previous year. There were 23.2 million turkey poults hatched in the U.S. in June, down 2 percent from the previous year.

### Egg and Hatchery Production, June 2015

Item	Unit	2014	2015	Percent Change
<b>Michigan</b>				
All layers	Thou	13,097	12,886	-2
Eggs per hundred layers	Num	2,413	2,398	-1
Eggs produced	Mil	316	309	-2
<b>East North Central Region</b>				
Eggs in incubators, Jul 1				
Egg-type	Thou	8,727	8,371	-4
Broiler type	Thou	14,463	14,620	1
<b>U.S.</b>				
All Layers	Thou	359,729	328,311	-9
Eggs per hundred layers	Num	2,266	2,258	0
Eggs produced	Mil	8,151	7,412	-9
Turkey Eggs in incubators, Jul 1	Thou	28,627	27,480	-4
Turkey Poults hatched, Jun	Thou	23,647	23,189	-2

## June Agricultural Prices

Prices received by Michigan farmers for the full month of June 2015 are listed in the table below. Some Michigan highlights were: June corn, at \$3.39 per bushel, decreased \$0.20 from May and decreased \$1.00 from last year; June soybeans, at \$9.72 per bushel, increased \$0.11 from last

month and decreased \$4.68 from last year; June wheat, at \$5.62 per bushel, decreased \$0.27 from May and decreased \$0.97 from last year; June milk, at \$16.00 per cwt., was from last month, and decreased \$7.50 from last year.

### Prices Received by Farmers<sup>1</sup>, June 2015

Commodity	Michigan			United States		
	Jun 2014	May 2015	Jun 2015	Jun 2014	May 2015	Jun 2015
Beans, dry edible.....dollars/cwt	48.90	38.90	45.10	35.80	35.70	28.80
Corn.....dollars/bu	4.39	3.59	3.39	4.50	3.62	3.58
Hay, alfalfa.....dollars/ton	165.00	165.00	160.00	222.00	192.00	178.00
Hay, other.....dollars/ton	110.00	140.00	120.00	139.00	134.00	127.00
Oats.....dollars/bu	3.54	(D)	(D)	3.73	2.90	2.83
Potatoes.....dollars/cwt	13.00	13.70	(D)	10.28	9.40	9.63
Soybeans.....dollars/bu	14.40	9.61	9.72	14.30	9.60	9.58
Wheat, winter.....dollars/bu	6.59	5.89	5.62	6.34	5.19	5.20
Milk, all.....dollars/cwt	23.50	16.00	16.00	23.20	16.70	16.90

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

<sup>1</sup> Entire month weighted average price.

## June Milk Production

Dairy herds in Michigan produced 865 million pounds of milk during June, up 7.2 percent from a year ago. The daily rate per cow was 70.7 pounds, up 1.2 pounds from June 2014. The dairy herd was estimated at 408,000 head for June, up 21,000 head from a year earlier. The average price of milk sold in June by Michigan dairy producers was \$16.00 per cwt., \$7.50 less than the price in June 2014.

## Michigan Dairy Summary, June 2015

Item		2013	2014	2015
Cows	1,000 Hd	( <sup>2</sup> )	387	408
Milk per cow	Lb/day	( <sup>2</sup> )	69.5	70.7
Production	Mil lbs	770	807	865
Milk price, all	Dol/cwt	20.20	23.50	16.00
Fat test	Pct	3.56	3.56	3.55
Protein <sup>1</sup>	Pct	3.01	3.02	3.00

<sup>1</sup> FMO 33

<sup>2</sup> Due to sequestration, only total milk production was published.

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## Thank You to our Data Providers

The USDA, NASS, Great Lakes Region and enumerator staff are pleased to provide you and the Michigan 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!