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Great Lakes Region



Agriculture Across Michigan

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October Milk Production

Dairy herds in Michigan produced 984 million pounds of milk during October, up 0.3 percent from a year ago. Production per cow in Michigan averaged 2,300 pounds for October, 45 pounds above October 2021. The dairy herd was estimated at 428,000 head for October, down 7,000 head from a year earlier. The average price of milk cows in October was \$1,760 per head, up \$400 from a year ago. The average price of milk sold in October by Michigan dairy producers was \$24.20 per cwt., \$5.90 more than the price in October 2021.

Milk Cows, Production, and Price – Michigan: October 2021 and 2022

Item	2021	2022
Cows 1,000 hd	435	428
Milk per cow lbs/month	2,255	2,300
Production mil lbs	981	984
Milk cow price dol/hd	1,360	1,760
Milk price, all dol/cwt	18.30	24.20
Fat test pct	3.91	4.04
Protein ¹ pct	3.22	3.28

¹ FMO 33

October Agricultural Prices

Prices received by Michigan farmers for the full month of October 2022 are listed in the table below. Some Michigan highlights were: October corn, at \$6.36 per bushel, decreased \$0.31 from September but increased \$1.45 from last year; October soybeans, at \$13.90 per bushel, decreased \$1.70 from last month but increased \$1.60 from last year; October wheat, at \$8.54 per bushel, increased \$0.42 from September and increased \$2.45 from last year; October milk, at \$24.20 per cwt., increased \$0.80 from last month and increased \$5.90 from last year.

Nationally, the October Prices Received Index 2011 Base (Agricultural Production), at 127.7, decreased 2.7 percent from

September but increased 20 percent from October 2021. At 121.9, the Crop Production Index was down 4.0 percent from last month but up 15 percent from the previous year. The Livestock Production Index, at 138.9, increased 1.8 percent from September, and 29 percent from October last year. Producers received lower prices during October for corn, soybeans, potatoes, and broilers, but higher prices for lettuce, milk, strawberries, and eggs. In addition to prices, the volume change of commodities marketed also influences the indexes. In October, there was decreased monthly movement for cattle, milk, broilers, and eggs, and increased marketing of soybeans, corn, upland cotton, and calves.

Prices Received by Farmers¹ - Michigan and United States: October 2022 with Comparisons

Commodity	Michigan			United States		
	Oct 2021	Sep 2022	Oct 2022	Oct 2021	Sep 2022	Oct 2022
Beans, dry edible dollars/cwt	47.40	(D)	47.50	42.90	41.10	41.80
Corn dollars/bu	4.91	6.67	6.36	5.02	7.09	6.50
Hay, alfalfa dollars/ton	195.00	190.00	190.00	219.00	277.00	281.00
Hay, other dollars/ton	140.00	120.00	125.00	155.00	174.00	180.00
Oats dollars/bu	3.66	4.46	4.87	4.30	4.43	4.38
Soybeans dollars/bu	12.30	15.60	13.90	11.90	14.10	13.50
Wheat, winter dollars/bu	6.09	8.12	8.54	7.23	8.73	9.14
Milk, all dollars/cwt	18.30	23.40	24.20	19.60	24.40	25.90

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

¹ Entire month weighted average price.

Red Meat Production

Commercial red meat production in Michigan totaled 111.4 million pounds in October 2022, up 10 percent from October 2021.

Commercial red meat production for the United States totaled 4.76 billion pounds in October, up slightly from the 4.75 billion pounds produced in October 2021.

Beef production, at 2.40 billion pounds, was 2 percent above the previous year. Cattle slaughter totaled 2.90 million head, up 2 percent from October 2021. The average live weight was down 1 pound from the previous year, at 1,375 pounds.

Veal production totaled 4.5 million pounds, 1 percent below October a year ago. Calf slaughter totaled 30,400 head, down 14 percent from October 2021. The average live weight was up 34 pounds from last year, at 259 pounds.

Pork production totaled 2.34 billion pounds, down 1 percent from the previous year. Hog slaughter totaled 10.9 million head, down 1 percent from October 2021. The average live weight was unchanged from the previous year, at 288 pounds.

Lamb and mutton production, at 10.4 million pounds, was down 9 percent from October 2021. Sheep slaughter totaled 169,100 head, 10 percent below last year. The average live weight was 122 pounds, up 1 pound from October a year ago.

January to October 2022 commercial red meat production was 46.2 billion pounds, down slightly from 2021. Accumulated beef production was up 2 percent from last year, veal was up 3 percent, pork was down 2 percent from last year, and lamb and mutton production was down 5 percent.

Commercial Slaughter - Michigan: October 2021 and 2022

Species	Number slaughtered		Total live weight		Average live weight	
	2021	2022	2021	2022	2021	2022
	(1,000 head)	(1,000 head)	(1,000 pounds)	(1,000 pounds)	(pounds)	(pounds)
Cattle	(D)	(D)	(D)	(D)	(D)	(D)
Calves	0.1	(D)	40	(D)	400	(D)
Hogs	302.4	322.4	89,553	95,999	296	298
Sheep	(D)	(D)	(D)	(D)	(D)	(D)

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

USDA to Measure Financial Well-Being of Michigan Farmers

Beginning in late December, the U.S. Department of Agriculture's National Agricultural Statistics Service (NASS) will spend several months gathering information about farm economics and production practices from farmers and ranchers across Michigan, as the agency conducts the third and final phase of the 2022 Agricultural Resource Management Survey (ARMS). ARMS is a joint effort between NASS and USDA's Economic Research Service. The information farmers and ranchers provide through the survey influences national and state policy-making decisions. In addition, ARMS data are used to calculate the farm sector portion of the Gross Domestic Product (GDP). The survey also collects detailed information on production practices, costs, and returns for 13 principal commodities on a rotating basis. ARMS is the only survey that measures the current financial well-being of Michigan producers and their households as a whole. The results of this survey will help inform decisions on local and federal policies and programs that affect Michigan farms and farm families.

In an effort to obtain the most accurate data, NASS will reach out to more than 40,000 producers nationwide, including over 500 in Michigan, between December and April. The survey asks producers to provide in-depth information about their operating revenues, production costs, and household characteristics. The 2022 ARMS survey in Michigan includes

a special version of the questionnaire focused on farm costs and returns for wheat producers. The survey also includes questions to help measure any impacts of COVID on farms, farm and household finances, and off-farm employment, and integrates questions from the 2022 Census of Agriculture. Completing the ARMS questionnaire fulfills one's 2022 Census of Agriculture requirement. In February, our interviewers will begin reaching out to those farmers who have not yet responded. We appreciate their time and are here to help them with the questionnaire so that their information will continue supporting sound agricultural decision-making.

In addition to producing accurate information, NASS has strong safeguards in place to protect the confidentiality of all farmers who respond to its surveys. The agency will only publish data in an aggregate form, ensuring the confidentiality of all responses and that no individual respondent or operation can be identified.

The expense data gathered in ARMS will be published in the annual *Farm Production Expenditures* report on July 21, 2023. That report and others are available at nass.usda.gov/Publications. More reports based on ARMS data and more information about ARMS are available at ers.usda.gov/arms.

Chickens and Eggs

All layers in Michigan totaled 17.1 million during October, up 8 percent from a year ago. Egg production totaled 431 million eggs, up 6 percent from last year. The rate of lay during October was 2,525 eggs per 100 layers. All layers in the U.S.

totalled 374.4 million during October, down 4 percent from a year ago. There were 22.5 million turkey poults hatched in the U.S. in October, up 3 percent from the previous year.

Egg and Hatchery Production - Michigan and United States: October 2021 and 2022

Item	2021	2022	Percent Change
Michigan			
All layersthousand	15,745	17,070	8
Eggs per hundred layersnumber	2,594	2,525	-3
Eggs producedmillion	408	431	6
U.S.			
All Layersthousand	389,730	374,413	-4
Eggs per hundred layersnumber	2,430	2,439	0
Eggs producedmillion	9,469	9,133	-4
Turkey Eggs in incubators, Nov 1thousand	26,498	26,737	1
Turkey Poults hatched, Octthousand	21,846	22,456	3

The USDA's National Agricultural Statistics Service (NASS) will begin publishing 2022 county level estimates soon. The table below shows the county estimate release schedule. County estimates for 2022 and all previous years will be available on the Quick Stats searchable database (www.nass.usda.gov) at 3:00 p.m. ET on the release date.

Release Schedule for 2022 County Estimates

Commodity	Release Date
Oats	December 15, 2022
Winter Wheat	December 15, 2022
Corn for Grain	February 24, 2023
Soybeans	February 24, 2023
Cattle & Calves	May 8, 2023



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!